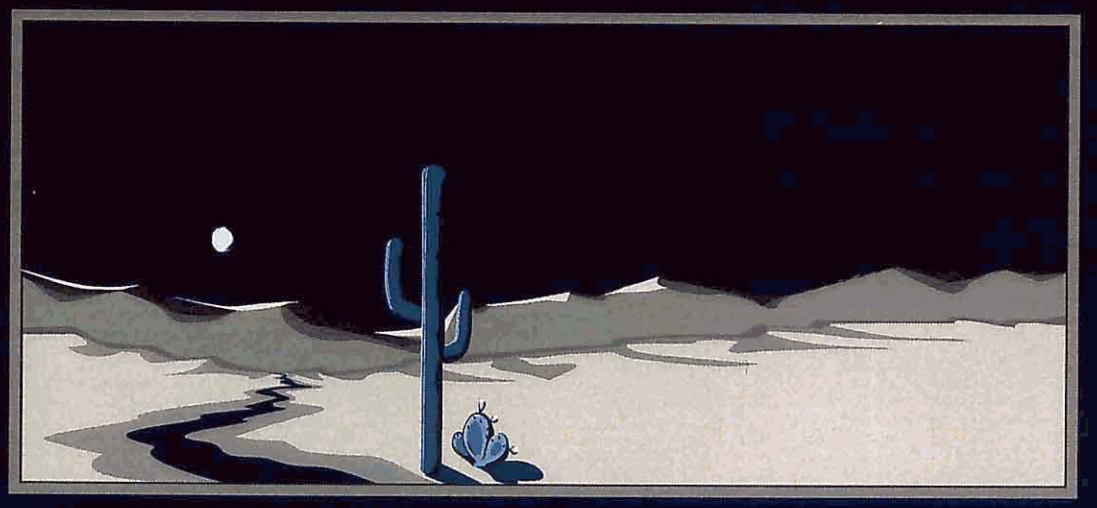
UPPER CAVE CREEK/APACHE WASH



Watercourse Master Plan

Attachment 3:Hydrology Report

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April 2001

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UPPER CAVE CREEK
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WATERCOURSE MASTER PLAN

Attachment 3

Hydrology Report

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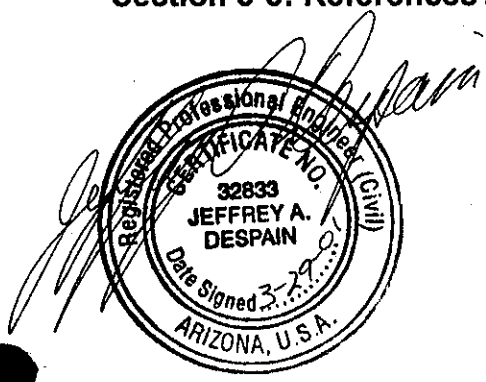

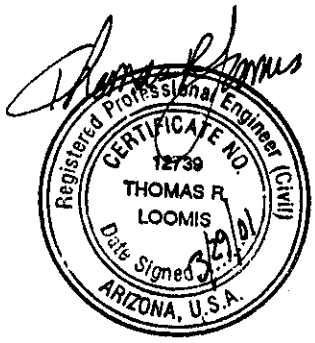

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3-1.2 Organization of the Hydrology Attachment

- Section 3-2 provides a presentation of the data that was used for the hydrology analyses.

- Section 3-3 provides a description of the hydrology modeling procedures, parameters, and results.

- Section 3-4 provides a summary and a conclusion to the analyses.

- Section 3-5 provides a list of references for this study.

Supporting material for all attachment analyses is presented in the appendices. Input and output files of the HEC-1 models are provided on CD-ROM. Refer to Figure 3-1-1 for the Upper Cave Creek and Apache Wash Watercourse Master Plan study limits.

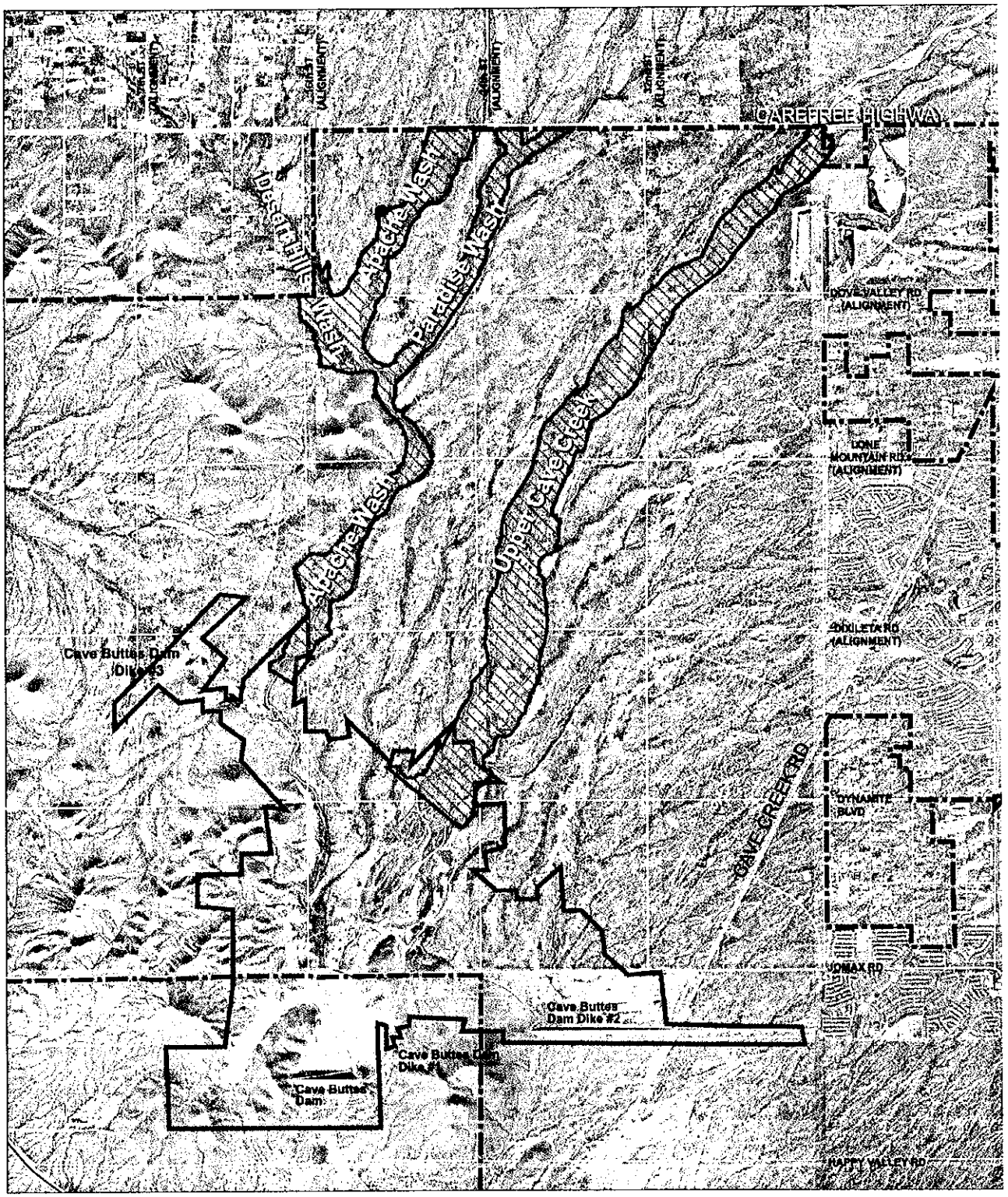
Section 3-1: Introduction

3-1.1 General

The following is Attachment 3 of the Upper Cave Creek and Apache Wash Watercourse Master Plan. This attachment contains the results of hydrologic modeling for the watersheds impacting Cave Creek, Apache Wash, Paradise Wash and Desert Hills Wash reaches of this watercourse study. Existing Condition Flood Insurance Study (FIS) models have been prepared in previous studies and have been accepted by the Maricopa County Flood Control District (District). Refer to Section 3-2.1 for a listing of the accepted FIS Studies used for this study. The future condition models are the FIS models with an adjustment of the RTIMP and Green and Ampt parameters. No changes were made to the Soil Conservation Service (SCS) curve numbers for Apache Wash and no changes were made to the times of concentration or routing parameters for any of the future condition models. This attachment also relates the impacts of future condition hydrology on the proposed watercourse management alternatives. These impacts are related in a separate analyses provided in section 3-3. This separate analysis was done for alternatives to estimate cumulative impacts due to floodplain encroachment.

This attachment also addresses the Districts request for 2-, 10-, 50- and 100-year ponding elevations for the Cave Creek/Cave Buttes Dam area. This analysis was performed to show the flooding concerns for recreational facility design within the recreational area designated.

The attachment is generally prepared in Technical Data Notebook (TDN) format in accordance with Arizona Department of Water Resources (ADWR) State Standard 1-97. This format is adopted to conform to generally accepted standards for drainage reports in Arizona.



Key

- FEMA 100-Year Floodplain
- City of Phoenix Corporate Boundary
- Cave Buttes Dam Impoundment

FIGURE 3-1-1
LOCATION MAP

Section 3-2: Data Collection

3-2.1 General

The base hydrologic data used in this study is taken from three existing floodplain delineation studies. *These three floodplain delineation studies are as follows:*

- Cave Creek above Carefree Highway Floodplain Delineation Study, July 1997, by George V. Sabol Consulting Engineers, Inc. (GVSCE) for the Flood Control District of Maricopa County, FCD 95-28. This study models the watershed above the Carefree Highway for Cave Creek.

- Cave Creek below Carefree Highway Floodplain Delineation Study, June 1997, by Willdan Associates for the Flood Control District of Maricopa County, FCD 95-30. This study models the watershed below the Carefree Highway for Cave Creek.

- Apache Wash Flood Insurance Study, August 1992, by Jerry R. Jones and Associates, Inc. for the Flood Control District of Maricopa County, FCD 89-66. This study models the watershed for Apache Wash, Desert Hills Wash, and Paradise Wash.

The results of all three of these models are combined and used as the base hydrology for the Upper Cave Creek and Apache Wash Watercourse Master Plan.

3-2.2 Hydrologic Analysis Maps

The mapping used for each individual study is detailed within each study itself. Please refer to the individual studies listed in Section 3-2.1 for mapping and survey details. Exhibit maps are included in pockets at the end of the attachment. The following are the exhibit maps prepared as a part of this study:

Exhibit A: Exhibit A is the watershed map for the study. The entire watershed for the study area is shown at a scale of 1 inch = 4,000 feet. The contours are from the USGS maps covering the area, at a contour interval of 20 feet. The boundary of the study watershed and the boundaries of the sub-basins modeled using HEC-1 are shown on this exhibit. This exhibit reflects the sub-basin and concentration point identifiers used in the three reports discussed in Section 3-2.1.

Exhibit B: Exhibit B is the future condition land use map. The entire watershed for the study area is shown at a scale of 1 inch = 3,000 feet. The boundaries of the land use categories used for future condition modeling and the sub-basin boundaries are shown on this exhibit.

Section 3-3: Hydrologic Analysis

3-3.1 Hydrologic Method Description

The watershed was modeled as outlined within each of the individual studies. Please refer to the reports mentioned in Section 3-2.1 for the method description used for each individual study. No attempt was made to modify the results of the earlier, existing condition, studies. It was necessary to modify the existing condition models to reflect the future conditions of the watershed for analysis purposes. To accomplish this task, the procedures and methods that are contained in the Hydrologic Design Manual for Maricopa County, Arizona (January 9, 1997 update), referred to herein as the Maricopa County Hydrology Manual, were used.

The combined and modified rainfall-runoff models were run using the U.S. Army Corps of Engineers HEC-1 computer program, version 4.0.1E, September 1990, as implemented by Dodson and Associates. Precipitation was input per each individual study. Rainfall losses for the modified future condition models were calculated by use of the Green and Ampt infiltration equation with an allowance for surface retention loss. Channel routing was performed per each individual study, except for the alternative analysis models, which will be discussed in detail later, using the normal depth Modified Puls method. Reservoir routing was not used in this analysis, however, the storage routing section of this attachment addresses the reservoir routing used to establish the ponding elevations associated with the Cave Creek/Cave Buttes Dam area.

Peak discharges were estimated at various concentration points. Storms with return periods of 2-years, 10-years, and 100-years were modeled and the results are presented herein.

3-3.2 Parameter Estimation

3-3.2.1 Drainage Area Boundaries

The study area is shown in Figure 3-1-1. The Apache Wash, Desert Hills Wash, and Paradise Wash watershed is approximately 30.6 square miles in area. The Upper Cave

Creek watershed is approximately 142.5 square miles in area. Refer to Exhibit A for the watershed subbasin boundary delineation used for HEC-1 modeling.

It is of importance to note that the basin boundaries for the Upper Cave Creek model south of the Carefree Highway, modeled by Willdan, were not available in digital format. This made it necessary to use the USGS quadrangle maps and aerial photos to lay out the Willdan subbasin boundaries. These basins were then digitized and matched up to the GVSCE Upper Cave Creek subbasin boundaries. Some of the subbasin areas used in the Willdan FIS model did not, at this point, match the subbasin areas that were digitized because different mapping was used for each study. The FIS study subbasin areas were used for the existing condition models and the Tetra Tech subbasin areas were used for the future condition models.

3-3.2.2 Physical Parameters

The physical parameters of the subbasins for HEC-1 modeling are estimated within each of the individual studies. For the future condition models they were estimated using the procedures in the Maricopa County Hydrology Manual. The information and procedures used to estimate those parameters are contained in the following sections.

3-3.2.2.1 Rainfall Losses

Land Use Information

All of the existing land use information for the Flood Insurance Study (FIS) models are estimated as outlined in each of the individual studies. Future condition land use information was obtained from the 1995 Maricopa Association of Governments General Plan Land Use Database, provided by the Flood Control District of Maricopa County.

As development occurs within the study watershed area, more runoff will occur. This is due to many factors such as equestrian use resulting in less vegetation and compacted soil conditions, more houses and structures creating more impervious area, and more paved roads and parking lots generating much more surface runoff. These changes

within the watershed needed to be accounted for in the future condition models. Table 3-3-1 and the soils information provided in Appendix A of the Maricopa County Hydrology Manual were used to accomplish this. Table 3-3-1 shows the rainfall loss characteristics for each land use class in its future condition. This table can be compared to Table 4.2a in the Maricopa County Hydrology Manual. Two numbers are different between Tables 3-3-1 and 4.2a. Both differences have to do with RTIMP, which is the Green and Ampt parameter for rock outcrop, or impervious area. To account for equestrian use in this rural area, the RTIMP values for both VLDR and LDR were increased by 5%. Normal VLDR and LDR land use only accounts for single family residence. When barns, shades, and arenas are added, more impervious area occurs due to more roof area, more compacted soil area, and loss of vegetation.

The RTIMP parameters were changed differently depending on which FIS study was being modified. The FIS study done for Apache Wash was modified based only on land use changes shown in Table 3-3-1. Both of the FIS models done for Upper Cave Creek were modified using a combination of the RTIMP calculated by soils information and land use changes. The differences in modification are based strictly on how the original FIS studies were built. Table 3-3-2 illustrates the changes in RTIMP from the FIS models to the future condition models. Refer to Appendix 3-3A, Table 3-3A-2 for rainfall loss characteristics for each soil class in its natural condition. Refer to Appendix 3-3A, Table 3-3A-3 for worksheets for soils, vegetation cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin. Refer to Appendix 3-3A, Table 3-3A-4 for worksheets for land use characteristics for rainfall losses for each subbasin for the estimated build out condition. Refer to Appendix 3-3A, Table 3-3A-5 for a summary of rainfall loss parameters for Green & Ampt method for each subbasin for the estimated future condition.

Table 3-3-1: Rainfall Loss Characteristics for each Land Use Class in its Future Condition			
Future Condition			
Land Use ID (1)	RTIMP % (2)	Veg. Cover % (3)	IA in (4)
I	55	60	0.15
C	80	75	0.10
MFR	45	50	0.25
VLDR	10	30	0.30
LDR	20	50	0.30
MDR	30	50	0.25
HDR	65	50	0.25
N	---	---	---

Land Use Category	Land Use Description	1995 MAG General Plan Land Use Description
C	Commercial	Mixed Use
C	Commercial	Business Park
C	Commercial	Community Retail Center (100,000 to 500,000 sq.ft.)
C	Commercial	Transportation
C	Commercial	Public Facility
C	Commercial	Neighborhood Retail Center (<100,000 sq.ft.)
C	Commercial	Hotel, Motel or Resort
C	Commercial	Office
C	Commercial	Institutional
HDR	High Density Residential	High Density Residential (>15 du/acre)
I	Industrial	Airport
I	Industrial	Industrial
LDR	Low Density Residential	Large Lot Residential (>1 and <=2 du/acre)
MDR	Medium Density Residential	Small Lot Residential (>2 and <=5 du/acre)
MFR	Multiple Family Residential	Educational
MFR	Multiple Family Residential	Medium Density Residential (>5 and <=15 du/acre)
N	Natural	Recreational Open Space
N	Natural	Vacant
N	Natural	Water
N	Natural	Dedicated or Non-developable Open Space
VLDR	Very Low Density Residential	Rural (1 dwelling unit per acre or less)
VLDR	Very Low Density Residential	Agriculture

Table 3-3-2: Changes in RTIMP from FIS to Future Conditions		
HEC-1 Subbasin Identifier	RTIMP Value	
	FIS	Future Condition
Apache Wash		
70	1.00	5.90
80	1.00	8.30
G	5.00	8.60
60	1.00	16.10
50	1.50	10.00
44	0.00	7.60
43	1.00	7.70
42	1.00	9.00
41	1.50	8.70
40	2.00	6.50
F1	1.00	14.80
F2	0.00	14.80
30	1.20	11.90
F3	1.00	14.80
F4	0.00	14.80
F5	0.00	14.80
F6	0.00	14.80
25	1.00	3.40
24	1.00	8.00
23	1.00	7.70
22	1.00	10.30
21	2.00	10.00
20	0.00	27.30
14	0.00	3.00
13	0.00	10.00
12	0.00	6.90
11A	0.00	10.00
11	0.00	10.00
10	1.00	14.30
E	0.00	16.20
2	0.00	9.70
1	0.00	10.40
D	0.00	9.50
Upper Cave Creek		
S110L	3.00	3.10
S110R	6.00	6.20
S120	6.00	5.60
S130	6.00	5.80

Table 3-3-2: Changes in RTIMP from FIS to Future Conditions		
HEC-1 Subbasin Identifier	RTIMP Value	
	FIS	Future Condition
S140	4.00	4.20
S150	12.00	12.10
S150R	9.00	8.90
S160	5.00	4.90
S170	7.00	6.70
S170R	9.00	8.60
S180	5.00	4.50
S190L	2.00	1.90
S190R	7.00	6.50
S200	9.00	9.40
S210	14.00	15.80
S220	14.00	18.90
S230	11.00	21.20
S240	6.00	15.20
S250	10.00	17.80
S260L	13.00	19.40
S260R	12.00	17.70
S270	16.00	20.90
S280	9.00	24.90
S290	12.00	21.40
S310	4.00	9.10
S320	22.00	12.50
S330	36.00	27.60
S340L	15.00	13.70
S340R	43.00	40.60
S350	23.00	23.20
S360	15.00	19.00
S370	49.00	69.00
S380	15.00	37.20
S390	15.00	23.00
S400	11.00	17.10
S400L	13.00	17.90
S410	4.00	17.40
3085	0.00	0.60
4510	0.00	2.20
1210	9.00	13.20
1215	14.00	25.90
1220	0.00	16.70
1230	5.00	14.00
1240	11.00	27.70

Table 3-3-2: Changes in RTIMP from FIS to Future Conditions		
HEC-1 Subbasin Identifier	RTIMP Value	
	FIS	Future Condition
3045	0.00	25.60
3050	4.00	40.00
3060	3.00	19.50
3000	3.00	25.50
3010	9.00	20.00
3020	6.00	38.00
3030	9.00	20.00
3040	0.00	17.50
1340	2.00	15.00
3125	1.00	27.30
3130	2.00	38.50
3090	4.00	17.60
3070	0.00	11.80
3080	0.00	9.60
3100	1.00	6.40
3120	3.00	11.20
4520	0.00	9.90
3135	0.00	20.00
3140	6.00	17.10
3150	0.00	7.10
3160	1.00	25.30
3170	6.00	20.00
3180	11.00	17.40
1360	8.00	38.80
3190	2.00	18.40
3200	3.00	15.50
3210	2.00	20.20
3220A	2.00	28.50
3220B	0.00	18.10
3230	0.00	14.80
3240	4.00	22.40
3250A	6.00	30.00
3250B	0.00	22.30
4530	0.00	0.00

Surface Retention Loss

The loss of rainfall due to surface retention in undeveloped areas of the watershed is based on the terrain and soil type. For the FIS models refer to each of the individual studies for soils information and retention loss parameters. For future condition models, the initial abstractions (IA) were handled as follows:

Apache Wash model - The Apache Wash model calculates the IA based on SCS curve numbers. The curve numbers were not changed; therefore the IA values did not change.

Upper Cave Creek model - The Upper Cave Creek model used a weighted combination of natural IA and Urban IA. The natural IA was taken per subbasin directly out of the FIS studies and the Urban IA is based on the land use Table 3-3-1. The LG cards in the future condition models were revised based on this information. Refer to Appendix 3-3A, Table 3-3A-5 for a summary of the weighted IA values used in this model.

Green and Ampt Parameters

There are basically five Green and Ampt parameters. These parameters are initial abstractions (IA), volumetric moisture deficit (DTHETA), wetting front suction (PSIF), hydraulic conductivity (XKSAT), and percent of subbasin that is impervious (RTIMP). IA and RTIMP have already been discussed earlier, so this section will discuss the remaining three parameters. For the FIS models, refer to each of the individual studies for loss parameters. For the future condition Apache Wash model, SCS curve numbers were used that were not modified. SCS curve numbers account for loss parameters, so no changes were made to the Apache Wash model other than modifying the RTIMP values discussed earlier.

For Upper Cave Creek future condition models, volumetric moisture deficit (DTHETA) was handled by using the values given in Table 3-3A-1 in Appendix 3-3A. These values, for both dry and normal soil conditions, come from the Maricopa County

Hydrology Manual. The values used for future condition took the dry and normal values for each subbasin and area-averaged them, dry and normal being components of XKSAT, to establish a composite DTHETA value.

Wetting front suction (PSIF) for the Upper Cave Creek future condition models was taken directly from Table 3-3A-1 of Appendix 3-3A. These numbers are referenced in the table using the Bare Ground XKSAT value. Bare ground XKSAT is an area weighted average of the XKSAT values for each soil type within the subbasin.

The last Green and Ampt parameter is hydraulic conductivity (XKSAT). For the Upper Cave Creek future condition model, a composite XKSAT was used. This value is an adjusted XKSAT value based on the bare ground XKSAT and the vegetation cover within each subbasin. This vegetation cover is an area weighted average of natural and urban vegetation cover. The natural XKSAT was taken from the FIS studies and hard coded into the tables. The urban XKSAT was taken from each an area weighted average of each of the individual soils types within each of the subbasins.

The Green and Ampt parameters are summarized in Tables 3-3A-1 through 3-3A-5 of Appendix 3-3A. These values were placed into the Upper Cave Creek future condition models to reflect the developed condition of the watershed.

3-3.2.2.2 Unit Hydrographs

Unit hydrographs for each of the individual models used different methods. Apache Wash was modeled using the SCS Unit Hydrograph. The GVSCE portion of the Upper Cave Creek model used the Clark Unit Hydrograph, and the Willdan portion of the Upper Cave Creek model used S-Graphs. These were the methods used for the FIS studies and no change was made for the future condition models.

3-3.2.2.3 Channel Routing

FIS Models

Routing of subbasin hydrographs was done utilizing the methods outlined in each of the FIS studies. Refer to the FIS Studies for Channel Routing.

Future Condition Models

Because of the change in Green and Ampt parameters for the future condition models, it was necessary to change the number of routing computation steps. Estimation of the number of routing steps for input to the future condition HEC-1 models is an iterative process. The number of routing steps for each reach varies with the recurrence interval storm under consideration. The process for estimating the number of steps is as follows:

Step 1: An initial estimate of the number of steps (NSTEPS) for each reach was made, assuming an average velocity of 5 feet per second. The future condition HEC-1 models were run using the assumed values.

Step 2: The reach travel time was calculated by subtracting the time-to-peak (T_P) at the beginning of route operation from the T_p at the end of the route operation. A new estimate of NSTEPS for each reach was then calculated using the reach length and HEC-1 computed travel time. The future condition HEC-1 models were then rerun using the new NSTEPS estimates.

Step 3: Step 2 was repeated until the travel time from the previous run equaled the travel time from the current run. Convergence normally occurred within three iterations.

Alternatives Analysis Models

Twelve separate models have been created that reflect the alternatives analysis performed as part of this study. This alternative analysis was used to obtain the hydrologic information needed for the HEC-6 sedimentation analysis, geomorphic analysis, and design of bank protection performed in other parts of this study. This analysis was performed as follows:

Step 1) The future condition models, both 10-year and 100-year, were used as a base for each of the alternatives.

Step 2) Each of the alternatives consists of a non-structural, soft-structural, and full-structural model associated with both the 10-year and the 100-year models.

Step 3) The Apache Wash model was used for analysis, giving us the following files:

- AWF10NS.IH1 – Apache Wash, Desert Hills Wash, and Paradise Wash 10-year non-structural input file.
- AWF10SS.IH1 - Apache Wash, Desert Hills Wash, and Paradise Wash 10-year soft-structural input file.
- AWF10FS.IH1 - Apache Wash, Desert Hills Wash, and Paradise Wash 10-year full-structural input file.
- AWF100NS.IH1 - Apache Wash, Desert Hills Wash, and Paradise Wash 100-year non-structural input file.
- AWF100SS.IH1 - Apache Wash, Desert Hills Wash, and Paradise Wash 100-year soft-structural input file.
- AWF100FS.IH1 - Apache Wash, Desert Hills Wash, and Paradise Wash 100-year full-structural input file.

The Upper Cave Creek model was used for analysis, giving us the following files:

- CCF10NS.IH1 – Upper Cave Creek 10-year non-structural input file.
- CCF10SS.IH1 – Upper Cave Creek 10-year soft-structural input file.
- CCF10FS.IH1 – Upper Cave Creek 10-year full-structural input file.

- CCF100NS.IH1 – Upper Cave Creek 100-year non-structural input file.
- CCF100SS.IH1 – Upper Cave Creek 100-year soft-structural input file.
- CCF100FS.IH1 – Upper Cave Creek 100-year full-structural input file.

Step 4) The FIS HEC-2, converted to HEC-RAS, models were then averaged along the reaches of the watercourse listed in Table 3-3-3 for flow, conveyance volume, depth and time steps for each of the alternatives listed. Rating curves were developed for the flow, volume, and depth and the average time step was calculated for each individual rating curve.

Step 5) The averaged rating curves then replaced the appropriate reaches of the alternatives analysis HEC-1 models to represent the different alternatives for basis of comparison.

Routing of subbasin hydrographs, for the alternatives analysis models, is done utilizing the Modified Puls normal depth channel option in HEC-1. Each new route is identified by a name that corresponds with the same name used in the FIS models.

Table 3-3-3: Routing Reaches edited for Alternative Analysis	
HEC-1 ID	**Location**
Apache Wash	
F4T	Desert Hills Wash below the Carefree Highway and above the confluence with Apache Wash.
F5T	Desert Hills Wash below the Carefree Highway and above the confluence with Apache Wash.
F6T	Desert Hills Wash below the Carefree Highway and above the confluence with Apache Wash.
21T	Apache Wash below the Carefree Highway and above the confluence with Desert Hills Wash.
20T	Apache Wash below the Carefree Highway and above the confluence with Desert Hills Wash.
10T	Paradise Wash below the Carefree Highway and above the confluence with Apache Wash.
10MT	Paradise Wash below the Carefree Highway and above the confluence with Apache Wash.
11A	Paradise Wash at the Carefree Highway.
ET	Apache Wash below the confluence with Paradise Wash.
Upper Cave Creek	
230240	Upper Cave Creek just below Morning Star Road.
240250	Upper Cave Creek between Morning Star Road and New River Road.
310390	Upper Cave Creek two miles above New River Road.
390400	Upper Cave Creek just above New River Road.
400410	Upper Cave Creek between New River Road and the Carefree Highway.
410509	Upper Cave Creek just below the Carefree Highway.
509518	Upper Cave Creek from ½ mile below the Carefree Highway to 2 ½ miles below the Carefree Highway.
527528	Upper Cave Creek 2 miles above the Cave Buttes Recreation Area to ½ mile above the Cave Buttes Recreation Area.
518527	Upper Cave Creek just above the Cave Buttes Recreation Area.

Routing Parameters

The routing reaches, rating curve formulation sheets, and related routing information are provided in Appendix 3-3B.

Hydraulic Computations

Routing computations were performed using the rating curves discussed earlier.

Channel Infiltration Losses

Channel infiltration losses are not included in the routing computations of the future condition or alternatives analysis models. These losses are considered negligible.

3-3.2.2.4 Storage Routing

Cave Creek Dam and Cave Buttes Dam impound flood flows. Cave Creek Dam is a reinforced concrete barrel arch structure that was built in 1923. In 1979, the US Army Corp of Engineers built the earthen Cave Buttes Dam just downstream of Cave Creek Dam to replace Cave Creek Dam. A channel was excavated around the west abutment of Cave Creek Dam to allow equalization of the flood pools. The older Cave Creek Dam no longer provides flood protection, but was preserved because of its historic significance. The presence of Cave Creek Dam has an impact on flood inundation of potential recreation areas upstream of Cave Buttes Dam.

The District was interested in the ponding system that occurs at the Cave Creek Dam/Cave Buttes Dam area. Under the scope of this study, Tetra Tech Inc. created six HEC-1 models that analyzed this ponding system. These models were built using inflow hydrographs from the Apache Wash models and the Upper Cave Creek models. A hydrograph from a single basin analysis of the eastern watershed was also used to model the full flow entering the impoundment area. The hydrographs from the established FIS and Future Condition models were then routed through the rating curves established for Cave Creek Dam and Cave Buttes Dam. These models were performed utilizing stage, discharge and volume curves that model the events in the 2-

year, 10-year, and 100-year events. The rating curves were established in the following manner:

Cave Creek Dam – Tetra Tech Inc. surveyed the physical elevations of the dam, and the discharges and volumes were taken from the United States Corp of Engineers as-built information.

Cave Buttes Dam – All of the stage, discharge and volume information was taken from the United States Corp of Engineers as-built information.

These models establish the backwater effects for six different conditions, which are as follows:

- EXCCD-2.IH1 – The FIS 2-year backwater input file.
- EXCBD-10.IH1 – The FIS 10-year backwater input file.
- EXCBD100.IH1 – The FIS 100-year backwater input file.
- FUCCD-2.IH1 – The Future Condition 2-year backwater input file.
- FUCBD-10.IH1 – The Future Condition 10-year backwater input file.
- FUCBD100.IH1 – The Future Condition 100-year backwater input file.

Once these models were run, it was also requested from the District that the 50-year backwater elevation be calculated. This was done by plotting, on log log paper, the FIS 2-year, 10-year, and 100-year inflow peak discharges as they enter the impoundment area. A curve was fit to intersect all three points so that a 50-year peak discharge could be selected off of the line. Next, the FIS 2-year, 10-year, and 100-year peak stage and discharge points were plotted and a curve was fit to these three points. Then, the 50-year peak discharge was plotted on this line to establish an estimated peak stage elevation for the 50-year event. This process was then repeated for the future condition models. Refer to Table 3-3-4 for a summary of the peak stages and discharge for each of these models. Refer to Appendix 3-3C for Cave Creek and Cave Buttes Dam information and HEC-1 output of Dam information.

Table 3-3-4: Summary of Peak Stages and Discharges for Cave Creek Dam and Cave Buttes Dam				
Recurrence Interval	FIS Condition		Future Condition	
	Peak Stage (Ft)	Peak Discharge (cfs)	Peak Stage (Ft)	Peak Discharge (cfs)
2-Year	1,625.0	6,946	1,625.6	9,465
10-Year	1,628.6	19,478	1,630.5	23,161
50-Year*	1,635.3	34,900	1,637.4	41,400
100-Year	1,639.1	42,348	1,641.0	49,800

* The 50-year peak stage and peak discharge are estimated values.

3-3.2.3 Statistical Parameters

The only statistical data for the watershed is for precipitation, and those statistics are obtained from the NOAA Atlas 2, Arizona. The statistics from the NOAA Atlas were analyzed to develop the rainfall depth-duration-frequency table for the watershed. That analysis was performed using the PREFRE program and the output from that program is shown in Table 3-3-5.

Table 3-3-5: Rainfall depth-duration-frequency table for point rainfall in the Upper Cave Creek Area

*** O U T P U T D A T A ***
REVISED JUNE 1988 TO UPDATE COMPUTATION OF SHORT-DURATION VALUES

PRECIPITATION FREQUENCY VALUES FOR UPPER CAVE CREEK FPD
PRIMARY ZONE NUMBER= 7
SHORT-DURATION ZONE NUMBER= 8

POINT VALUES

RETURN PERIOD DURATION	2-YR	5-YR	10-YR	25-YR	50-YR	100-YR	500-YR	
5-MIN	.37	.46	.51	.60	.67	.73	.88	5-MIN
10-MIN	.56	.69	.78	.91	1.02	1.12	1.36	10-MIN
15-MIN	.68	.86	.98	1.16	1.30	1.44	1.76	15-MIN
30-MIN	.90	1.15	1.32	1.57	1.76	1.95	2.39	30-MIN
1-HR	1.10	1.42	1.64	1.95	2.20	2.44	2.99	1-HR
2-HR	1.28	1.65	1.91	2.27	2.55	2.83	3.47	2-HR
3-HR	1.41	1.81	2.09	2.48	2.78	3.09	3.79	3-HR
6-HR	1.64	2.10	2.42	2.88	3.23	3.58	4.39	6-HR
12-HR	1.96	2.51	2.90	3.44	3.86	4.28	5.25	12-HR
24-HR	2.28	2.92	3.37	4.00	4.49	4.98	6.11	24-HR

* IF YOUR SITE IS IN ARIZONA OR NEW MEXICO, PLEASE CONSULT THE
FOLLOWING PAPER FOR REVISED DEPTH-AREA VALUES:
DEPTH-AREA RATIOS IN THE SEMI-ARID SOUTHWEST UNITED STATES
NOAA TECHNICAL MEMORANDUM NWS HYDRO-40
ZEHR AND MYERS
AUGUST 1984

INPUT DATA

PROJECT NAME=UPPER CAVE CREEK FPD
ZONE= 7 SHORT-DURATION ZONE= 8
LATITUDE= .00 LONGITUDE= 100.00 ELEVATION= 0
2-YR, 6-HR PCPN= 1.64 100-YR, 6-HR PCPN= 3.58
2-YR, 24-HR PCPN= 2.28 100-YR, 24-HR PCPN= 4.98

* * * * E N D OF R U N * * * *

3-3.2.4 Precipitation

3-3.2.4.1 Rainfall Depth

The point rainfall depths for the various rainfall durations and storm frequencies are obtained from the depth-duration-frequency table shown in Table 3-3-5.

3-3.2.4.2 Rainfall Distribution

Rainfall distributions for the FIS Models were not changed for the future condition models or the alternatives analysis models. All of the models use an SCS Type II distribution method. However, Apache wash uses a total storm, basin-average precipitation method and Upper Cave Creek uses a depth-area reduction method.

It is important to note that in the100-year models, the GVSCE and Willdan distributions were both used, but when the 2-year and 10-year models were created, only the more conservative GVSCE distributions were used for both models.

3-3.2.4.3 Rainfall Depth-Area Reduction

The Upper Cave Creek models used rainfall depth-area reduction by use of the JD records in HEC-1. These reduction factors were taken from Table 2.1a of the Maricopa County Hydrology Manual. For the 100-year models, two sets of JD records were needed due to the use of both the GVSCE and Willdan rainfall distribution.

3-3.2.5 Gauge Data

Gauge data was available for several locations within the study reach. However, this information was not utilized for this portion of the study because the hydrology is based upon accepted FIS peak flow rates. For a discussion of the gauge locations and relevance to this study please refer to Chapter 2, Attachment 5 of this study: Lateral Stability Assessment, performed by JE Fuller Hydrology & Geomorphology, Inc.

3-3.3 Calibration

There is insufficient gauge data available to perform calibration of the HEC-1 models.

3-3.4 Special Problems and Solutions

No special problems were encountered during this hydrologic study.

3-3.5 Final Results

HEC-1 models of the watershed were used or developed for three different recurrence intervals, existing FIS models, future condition models, and twelve alternative analysis models as follows:

- The 2-Year, 24-Hour recurrence interval FIS model, Apache Wash (HEC-1 file AWFIS2.IH1)
- The 2-Year, 24-Hour recurrence interval FIS model, Upper Cave Creek (HEC-1 file CCFIS2.IH1)
- The 10-Year, 24-Hour recurrence interval FIS model, Apache Wash (HEC-1 file AWFIS10.IH1)
- The 10-Year, 24-Hour recurrence interval FIS model, Upper Cave Creek (HEC-1 file CCFIS10.IH1)
- The 100-Year, 24-Hour recurrence interval FIS model, Apache Wash (HEC-1 file AWFIS100.IH1)
- The 100-Year, 24-Hour recurrence interval FIS model, Upper Cave Creek (HEC-1 file CCFIS100.IH1)
- The 2-Year, 24-Hour recurrence interval future condition model, Apache Wash (HEC-1 file AWFUT2.IH1)
- The 2-Year, 24-Hour recurrence interval future condition model, Upper Cave Creek (HEC-1 file CCFUT2.IH1)
- The 10-Year, 24-Hour recurrence interval future condition model, Apache Wash (HEC-1 file AWFUT10.IH1)

- The 10-Year, 24-Hour recurrence interval future condition model, Upper Cave Creek (HEC-1 file CCFUT10.IH1)
- The 100-Year, 24-Hour recurrence interval future condition model, Apache Wash (HEC-1 file AWFUT100.IH1)
- The 100-Year, 24-Hour recurrence interval future condition model, Upper Cave Creek (HEC-1 file CCFUT100.IH1)
- The 10-Year, 24-Hour recurrence interval non-structural model, Apache Wash (HEC-1 file AWF10NS.IH1)
- The 10-Year, 24-Hour recurrence interval non-structural model, Upper Cave Creek (HEC-1 file CCF10NS.IH1)
- The 10-Year, 24-Hour recurrence interval soft-structural model, Apache Wash (HEC-1 file AWF10SS.IH1)
- The 10-Year, 24-Hour recurrence interval soft-structural model, Upper Cave Creek (HEC-1 file CCF10SS.IH1)
- The 10-Year, 24-Hour recurrence interval full-structural model, Apache Wash (HEC-1 file AWF10FS.IH1)
- The 10-Year, 24-Hour recurrence interval full-structural model, Upper Cave Creek (HEC-1 file CCF10FS.IH1)
- The 100-Year, 24-Hour recurrence interval non-structural model, Apache Wash (HEC-1 file AWF100NS.IH1)
- The 100-Year, 24-Hour recurrence interval non-structural model, Upper Cave Creek (HEC-1 file CCF100NS.IH1)
- The 100-Year, 24-Hour recurrence interval soft-structural model, Apache Wash (HEC-1 file AWF100SS.IH1)
- The 100-Year, 24-Hour recurrence interval soft-structural model, Upper Cave Creek (HEC-1 file CCF100SS.IH1)
- The 100-Year, 24-Hour recurrence interval full-structural model, Apache Wash (HEC-1 file AWF100FS.IH1)
- The 100-Year, 24-Hour recurrence interval full-structural model, Upper Cave Creek (HEC-1 file CCF100FS.IH1)

The results of the models are shown in Tables 3-3-6, 3-3-7 and 3-3-8. Table 3-3-6 shows the estimated peak discharges. The runoff volume results are listed in Table 3-3-7. Table 3-3-8 shows the alternative analysis results and the percent increase in peak discharges.

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
Apache Wash Model													
Channel Route Operations													
G	3.55	7.00	7.00	7.00	7.00	7.00	6.83	556	1,614	2,957	634	1,709	3,059
40MT	6.18	6.83	6.83	6.67	6.83	6.83	6.67	876	2,567	4,747	1,021	2,742	4,958
42T	0.62	6.33	6.33	6.33	6.33	6.33	6.33	163	480	880	192	513	914
42T	1.39	6.50	6.50	6.33	6.50	6.50	6.33	338	947	1,744	383	1,000	1,813
41T	2.12	6.67	6.50	6.50	6.67	6.50	6.50	497	1,447	2,638	567	1,543	2,735
40T	3.01	7.00	6.83	6.67	7.00	6.83	6.67	659	1,959	3,607	762	2,076	3,762
F1T	9.77	7.00	6.83	6.67	7.00	6.83	6.67	1,561	4,725	8,692	1,834	5,050	9,093
F2T	10.03	7.17	6.83	6.83	7.00	6.83	6.67	1,558	4,744	8,758	1,833	5,085	9,149
30T	10.49	7.17	6.83	6.83	7.00	6.83	6.83	1,599	4,876	9,123	1,867	5,265	9,499
F3T	10.99	7.17	6.83	6.83	7.17	6.83	6.83	1,641	5,025	9,552	1,921	5,462	9,967
F4T	11.26	7.33	7.00	6.83	7.17	7.00	6.83	1,617	5,047	9,602	1,932	5,411	10,051
F5T	11.40	7.33	7.00	6.83	7.17	7.00	6.83	1,620	5,054	9,600	1,926	5,429	10,062
F6T	12.08	7.33	7.00	7.00	7.33	7.00	6.83	1,701	5,308	10,027	2,048	5,788	10,545
23T	4.32	7.00	6.83	6.83	7.00	6.83	6.83	1,161	3,237	5,706	1,302	3,408	5,847
22T	6.03	7.67	7.33	7.17	7.67	7.33	7.17	1,342	3,861	7,024	1,475	4,026	7,210
21T	6.54	8.50	8.00	7.67	8.50	7.83	7.67	1,306	3,704	7,098	1,401	3,968	7,272
20T	0.51	7.33	7.00	7.00	7.17	7.00	7.00	110	313	566	130	338	588
10MT	20.30	8.50	8.00	7.67	7.33	7.83	7.67	2,062	6,557	13,433	2,270	7,330	13,881
13T	1.25	6.67	6.67	6.50	6.67	6.67	6.50	324	883	1,587	342	902	1,611
11A	3.29	7.00	6.83	6.67	7.00	6.83	6.67	782	2,182	3,967	850	2,268	4,079
10T	4.65	7.50	7.17	7.00	7.50	7.17	7.00	971	2,793	5,070	1,086	2,955	5,265
ET	25.91	8.50	8.00	7.67	8.33	7.83	7.67	2,897	8,738	16,861	3,385	9,500	17,659
1T	1.06	7.67	7.50	7.33	7.67	7.33	7.33	213	552	979	244	591	1,019
Subbasin Operations													
70	2.20	6.83	6.83	6.83	6.83	6.83	6.83	360	1,035	1,899	401	1,085	1,953

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
80	1.35	7.00	6.83	6.83	6.83	6.83	6.83	196	591	1,107	235	640	1,160
G	0.89	6.17	6.17	6.17	6.17	6.17	6.17	289	806	1,463	311	833	1,491
60	0.59	6.33	6.17	6.17	6.17	6.17	6.17	143	433	836	199	516	926
50	1.15	6.83	6.83	6.67	6.83	6.83	6.67	192	554	1,023	230	601	1,079
44	0.62	6.33	6.33	6.17	6.33	6.17	6.17	168	482	898	194	515	941
43	1.39	6.50	6.33	6.33	6.50	6.33	6.33	340	967	1,787	383	1,031	1,855
42	0.11	6.00	6.00	6.00	6.00	6.00	6.00	34	114	218	42	124	229
41	0.89	6.50	6.33	6.33	6.33	6.33	6.33	194	579	1,095	227	627	1,147
40	0.58	6.50	6.50	6.33	6.50	6.50	6.33	108	335	641	122	352	664
F1	0.26	6.17	6.17	6.17	6.17	6.17	6.17	101	273	482	124	299	508
F2	0.46	6.50	6.50	6.50	6.50	6.50	6.50	80	256	488	116	301	538
30	0.50	6.67	6.50	6.50	6.50	6.50	6.50	98	289	539	124	322	575
F3	0.27	6.17	6.17	6.17	6.17	6.17	6.17	88	256	467	114	287	499
F4	0.14	6.17	6.17	6.00	6.17	6.00	6.00	49	137	249	62	152	272
F5	0.68	6.83	6.67	6.67	6.83	6.67	6.67	139	373	671	174	419	719
F6	0.49	6.33	6.17	6.17	6.17	6.17	6.17	132	404	759	183	467	826
25	1.41	6.33	6.17	6.17	6.33	6.17	6.17	431	1,190	2,191	449	1,217	2,219
24	2.91	6.50	6.33	6.33	6.50	6.33	6.33	777	2,123	3,853	868	2,253	3,990
23	1.71	6.33	6.33	6.33	6.33	6.33	6.33	442	1,266	2,314	506	1,344	2,396
22	0.51	6.33	6.33	6.33	6.33	6.33	6.33	139	392	712	165	424	746
21	0.51	6.50	6.50	6.50	6.50	6.50	6.50	111	318	581	131	342	607
20	0.68	6.50	6.50	6.50	6.50	6.33	6.33	132	404	757	228	526	902
14	1.25	6.50	6.50	6.33	6.50	6.50	6.33	331	890	1,590	347	910	1,614
13	0.15	6.17	6.17	6.17	6.17	6.17	6.17	24	97	199	37	114	217
12	1.89	6.50	6.50	6.50	6.50	6.50	6.50	481	1,316	2,348	541	1,385	2,420
11A	0.37	6.17	6.17	6.17	6.17	6.17	6.17	111	335	621	137	367	654
11	0.99	6.67	6.50	6.50	6.50	6.50	6.50	211	595	1,092	252	651	1,152

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
10	0.96	6.67	6.50	6.50	6.50	6.50	6.50	212	600	1,093	272	673	1,170
E	1.11	6.50	6.50	6.50	6.50	6.50	6.50	230	682	1,262	320	791	1,378
2	1.06	7.00	6.83	6.83	6.83	6.83	6.83	213	558	985	245	598	1,026
1	0.66	6.50	6.50	6.50	6.50	6.50	6.50	143	413	756	176	453	798
D	1.90	6.17	6.17	6.17	6.17	6.17	6.17	791	2,079	3,626	900	2,199	3,746
Concentration Points													
80T	3.55	6.83	6.83	6.83	6.83	6.83	6.83	556	1,626	3,006	636	1,725	3,113
GT	4.44	7.00	6.83	6.83	7.00	6.83	6.83	638	1,843	3,406	719	1,952	3,523
60T	5.03	6.83	6.83	6.67	6.83	6.83	6.67	692	2,016	3,749	796	2,141	3,901
50T	6.18	6.83	6.83	6.67	6.83	6.83	6.67	884	2,570	4,772	1,026	2,742	4,980
42T	2.12	6.50	6.33	6.33	6.33	6.33	6.33	500	1,453	2,692	571	1,553	2,797
41T	3.01	6.67	6.50	6.50	6.50	6.50	6.50	665	2,009	3,669	771	2,143	3,807
40T	3.59	7.00	6.83	6.67	7.00	6.67	6.67	723	2,188	4,143	831	2,320	4,312
40MT	9.77	7.00	6.83	6.67	6.83	6.83	6.67	1,596	4,755	8,890	1,839	5,056	9,269
F1T	10.03	7.00	6.83	6.67	7.00	6.83	6.67	1,578	4,781	8,833	1,853	5,109	9,239
F2T	10.49	7.17	6.83	6.67	7.00	6.83	6.67	1,601	4,941	9,171	1,902	5,308	9,627
30T	10.99	7.17	6.83	6.83	7.00	6.83	6.67	1,657	5,120	9,560	1,953	5,530	10,018
F3T	11.26	7.17	6.83	6.83	7.17	6.83	6.83	1,655	5,088	9,657	1,937	5,529	10,076
F4T	11.40	7.33	7.00	6.83	7.17	7.00	6.83	1,622	5,066	9,644	1,939	5,430	10,094
F5T	12.08	7.33	7.00	6.83	7.17	7.00	6.83	1,716	5,395	10,259	2,065	5,804	10,764
F6T	12.57	7.33	7.00	6.83	7.33	7.00	6.83	1,726	5,409	10,221	2,076	5,895	10,801
24T	4.32	6.33	6.33	6.33	6.33	6.33	6.33	1,185	3,292	5,927	1,311	3,443	6,085
23T	6.03	7.00	6.83	6.67	7.00	6.83	6.67	1,378	3,952	7,187	1,537	4,150	7,408
22T	6.54	7.67	7.33	7.17	7.67	7.33	7.17	1,367	3,947	7,213	1,502	4,115	7,403
20T	7.73	8.50	8.00	7.67	8.50	7.83	7.67	1,361	3,891	7,534	1,462	4,208	7,727
20MT	20.30	8.50	7.83	7.67	8.50	7.83	7.67	2,155	6,575	13,541	2,319	7,486	13,891
13T	1.40	6.67	6.67	6.50	6.67	6.50	6.50	338	928	1,701	359	959	1,732

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
12T	3.29	6.67	6.50	6.50	6.50	6.50	6.50	783	2,240	4,049	859	2,344	4,152
11AT	3.66	7.00	6.83	6.67	6.83	6.83	6.67	805	2,265	4,179	884	2,355	4,297
11T	4.65	6.83	6.67	6.67	6.83	6.67	6.67	973	2,797	5,232	1,108	2,976	5,401
10T	5.61	7.50	7.17	7.00	7.50	7.17	7.00	1,053	3,107	5,763	1,180	3,294	5,992
10MT	25.91	7.50	7.17	7.00	7.33	7.17	7.00	2,913	8,930	16,962	3,398	9,579	17,829
ET	27.02	8.50	8.00	7.67	8.33	7.83	7.67	2,929	8,851	17,136	3,426	9,645	17,947
1T	1.72	7.50	7.33	7.17	7.50	7.33	7.17	260	713	1,305	302	764	1,363
DT	30.64	8.50	7.83	7.67	8.33	7.83	7.67	3,120	9,473	18,413	3,657	10,359	19,257
Cave Creek Models													
Channel Route Operations													
110120	28.53	12.92	12.92	12.92	12.92	12.92	12.92	3,302	8,373	14,944	3,315	8,385	14,957
120130	33.31	13.08	13.00	12.92	13.08	13.00	12.92	3,471	9,336	16,828	3,477	9,342	16,834
130140	36.18	13.17	13.00	12.92	13.17	13.00	12.92	3,491	9,620	17,396	3,496	9,624	17,400
140150	38.02	13.42	13.17	13.08	13.42	13.17	13.08	3,390	9,496	17,572	3,395	9,500	17,577
150160	41.08	13.50	13.17	13.08	13.50	13.17	13.08	3,376	9,605	17,925	3,381	9,609	17,929
160170	42.38	13.58	13.25	13.17	13.58	13.25	13.17	3,365	9,627	18,051	3,370	9,631	18,054
170180	46.71	13.58	13.33	13.17	13.58	13.33	13.17	3,437	10,035	19,074	3,438	10,034	19,071
180190	50.51	13.92	13.58	13.42	13.92	13.58	13.42	3,432	10,197	19,633	3,426	10,187	19,614
190200	57.69	14.17	13.75	13.50	14.17	13.75	13.50	3,405	10,397	20,566	3,395	10,382	20,542
200210	61.64	14.42	13.92	13.58	14.42	13.92	13.58	3,324	10,299	20,482	3,315	10,286	20,461
210220	71.99	14.58	13.92	13.67	14.58	13.92	13.67	3,528	11,304	22,987	3,563	11,361	23,054
220230	75.62	14.75	14.08	13.67	14.75	14.08	13.67	3,505	11,293	23,134	3,560	11,374	23,258
230240	77.46	14.83	14.17	13.75	14.83	14.08	13.75	3,492	11,266	23,199	3,557	11,375	23,381
240250	80.09	15.00	14.25	13.83	14.92	14.25	13.83	3,467	11,197	23,213	3,547	11,355	23,514
250260	85.97	12.75	14.25	13.83	12.67	14.25	13.75	3,580	11,380	24,030	4,456	11,638	24,570
270300	4.86	12.92	13.00	13.17	12.92	13.00	13.17	933	1,897	3,213	1,070	2,008	3,335
280295	5.93	13.25	13.00	12.83	13.00	12.92	12.83	807	2,216	3,983	1,292	2,549	4,404

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
295300	13.57	12.83	12.83	12.83	13.00	12.83	12.75	1,941	5,257	9,465	2,801	5,910	10,251
300310	18.44	12.92	12.92	12.83	13.00	12.92	12.83	2,747	6,940	11,751	3,695	7,674	12,591
310390	112.23	12.83	12.83	13.33	12.75	12.83	13.25	6,290	15,509	30,821	8,005	17,559	32,680
320340	0.45	12.08	12.08	12.08	12.08	12.08	12.08	327	579	933	312	573	934
330340	0.16	12.17	12.17	12.17	12.17	12.17	12.17	115	181	277	112	178	274
340350	0.92	12.17	12.17	12.17	12.17	12.17	12.08	603	1,051	1,690	590	1,047	1,697
350360	1.08	12.25	12.25	12.25	12.25	12.25	12.25	624	1,135	1,868	611	1,138	1,880
360370	1.66	12.33	12.33	12.33	12.33	12.33	12.25	850	1,567	2,564	866	1,599	2,611
370385	2.00	12.33	12.33	12.33	12.33	12.33	12.33	1,006	1,826	2,979	1,043	1,879	3,045
380385	0.41	12.08	12.00	12.00	12.00	12.00	12.00	330	557	886	366	594	920
385390	2.42	12.33	12.33	12.33	12.33	12.25	12.25	1,144	2,072	3,370	1,200	2,143	3,470
390400	114.99	13.33	13.17	13.50	13.25	13.17	13.42	5,779	14,915	30,982	7,449	16,788	32,947
400410	123.08	13.50	13.33	13.33	13.42	13.25	13.25	6,202	16,168	33,698	7,916	18,200	35,697
410509	124.38	13.67	13.42	13.42	13.50	13.33	13.33	6,185	16,092	33,712	7,896	18,142	35,779
509518	124.46	14.25	14.00	13.92	14.08	13.92	13.83	6,034	15,834	33,447	7,690	17,725	35,483
529531	1.27	12.83	12.75	12.75	12.25	12.17	12.25	295	690	958	625	1,221	2,219
530531	0.22	12.67	12.58	12.58	12.67	12.58	12.58	56	130	162	66	126	156
531500	2.20	12.92	12.83	12.92	12.42	12.42	12.50	366	922	1,241	827	1,602	2,402
500501	2.83	13.00	12.92	13.08	12.50	12.67	12.75	414	1,089	1,428	923	1,737	2,336
501502	3.23	13.08	13.00	13.17	12.67	12.83	12.92	442	1,175	1,518	977	1,804	2,387
502503	3.47	13.25	13.25	13.42	12.92	13.08	13.25	442	1,192	1,532	960	1,742	2,296
503504	3.81	13.67	13.67	13.83	13.33	13.50	13.58	429	1,181	1,507	901	1,679	2,174
507506	0.38	13.17	13.17	13.17	13.17	13.17	13.08	96	200	199	131	223	211
505506	0.31	13.00	13.08	13.08	13.00	13.00	13.00	69	152	158	131	226	224
506504	1.08	12.75	13.25	12.58	13.17	13.17	12.92	197	402	466	295	511	568
504508	1.20	12.75	13.25	12.58	12.58	13.17	12.58	219	416	547	311	532	661
508510	5.39	13.58	13.67	13.83	13.50	13.58	13.67	579	1,520	1,885	1,159	2,118	2,641

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
510511	1.57	12.92	12.83	12.92	12.67	12.75	12.83	308	746	985	550	1,057	1,372
511512	2.03	13.42	13.25	13.33	13.17	13.08	13.17	309	786	1,011	585	1,138	1,434
512510	2.24	13.67	13.83	13.92	13.67	13.67	13.75	298	733	927	564	1,080	1,331
510517	8.93	13.83	14.08	14.17	13.83	13.92	14.00	887	2,271	2,953	1,707	3,146	4,065
518527	136.12	14.92	14.42	14.25	14.58	14.25	14.17	6,296	17,414	36,432	8,605	19,950	39,485
514516	0.05	13.42	12.92	13.00	13.00	12.75	12.83	6	24	29	18	40	49
516527	0.49	13.42	13.17	13.25	13.17	13.00	13.00	79	195	250	144	289	363
527528	137.85	14.92	14.50	14.33	14.58	14.33	14.25	6,311	17,482	36,639	8,629	20,024	39,693
513515	0.41	12.67	12.50	12.58	12.50	12.50	12.58	96	231	335	181	332	417
515523	0.82	13.00	13.00	13.17	12.83	13.08	13.17	137	379	475	267	488	580
519520	1.16	12.67	12.58	12.58	12.58	12.50	12.58	301	811	1,111	530	941	1,278
520521	1.82	12.67	12.50	12.67	12.50	12.50	12.58	405	1,139	1,524	738	1,358	1,756
521532	1.92	12.92	12.75	12.83	12.75	12.67	12.75	383	1,079	1,427	702	1,295	1,677
C532O	2.16	12.92	12.75	12.83	12.75	12.67	12.75	387	1,111	1,474	726	1,350	1,744
532523	2.16	13.25	13.08	13.17	13.08	13.00	13.08	357	999	1,306	664	1,248	1,584
523526	3.80	13.83	13.67	13.75	13.75	13.67	13.67	494	1,340	1,743	870	1,685	2,064
522524	0.08	12.67	12.42	12.50	12.42	12.33	12.42	10	36	51	45	98	130
C524O	0.16	12.25	12.25	12.25	12.17	12.17	12.17	23	83	112	132	280	325
524525	0.16	13.25	12.92	12.92	12.75	13.00	12.92	18	67	73	102	203	200
525526	0.47	13.58	13.25	13.25	13.00	12.92	12.92	32	143	176	285	566	640
526528	4.63	13.83	13.75	13.75	13.67	13.58	13.67	524	1,461	1,934	1,003	2,010	2,470
Subbasin Operations													
S110L	10.60	12.67	12.58	12.67	12.67	12.58	12.67	1,898	4,248	7,509	1,901	4,250	7,511
S110R	17.93	13.08	13.00	12.92	13.08	13.00	12.92	2,083	5,215	9,212	2,092	5,225	9,222
S120	4.77	12.75	12.67	12.58	12.75	12.67	12.58	554	1,642	3,123	547	1,636	3,116
S130	2.88	12.25	12.25	12.25	12.25	12.25	12.25	766	1,862	3,342	764	1,859	3,340
S140	1.84	12.33	12.33	12.25	12.33	12.33	12.25	391	1,007	1,846	392	1,008	1,847

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
S150	1.07	12.17	12.17	12.17	12.17	12.17	12.17	292	751	1,381	290	749	1,380
S150R	2.00	12.25	12.17	12.17	12.25	12.17	12.17	500	1,281	2,361	499	1,280	2,359
S160	1.29	12.33	12.33	12.25	12.33	12.33	12.25	284	728	1,334	283	727	1,333
S170	0.91	12.17	12.17	12.17	12.17	12.17	12.17	390	803	1,378	384	798	1,374
S170R	3.42	12.58	12.50	12.50	12.58	12.50	12.50	646	1,535	2,742	641	1,530	2,738
S180	3.80	12.50	12.42	12.50	12.50	12.42	12.50	832	1,858	3,283	812	1,841	3,266
S190L	2.81	12.25	12.25	12.25	12.25	12.25	12.25	1,007	2,051	3,503	1,019	2,060	3,510
S190R	4.37	12.50	12.50	12.50	12.50	12.50	12.50	909	2,068	3,666	901	2,061	3,658
S200	3.95	12.25	12.17	12.17	12.25	12.17	12.17	1,178	2,764	4,911	1,186	2,770	4,916
S210	10.35	13.00	12.92	12.83	12.92	12.92	12.83	1,400	3,320	5,895	1,528	3,446	6,025
S220	3.63	12.25	12.25	12.25	12.25	12.25	12.25	1,152	2,411	4,131	1,293	2,538	4,247
S230	1.84	12.25	12.25	12.25	12.25	12.25	12.25	791	1,460	2,408	970	1,620	2,560
S240	2.63	12.33	12.33	12.33	12.33	12.33	12.33	924	1,765	2,964	1,170	1,998	3,195
S250	5.89	12.50	12.42	12.50	12.50	12.50	12.50	1,715	3,215	5,379	2,050	3,566	5,744
S260L	3.78	12.50	12.50	12.50	12.50	12.50	12.50	926	1,885	3,232	1,061	2,015	3,368
S260R	1.65	12.17	12.17	12.17	12.17	12.17	12.17	822	1,482	2,410	920	1,566	2,488
S270	4.86	12.75	12.75	12.75	12.75	12.75	12.75	977	2,008	3,471	1,109	2,129	3,596
S280	5.93	12.58	12.58	12.58	12.58	12.58	12.58	1,041	2,446	4,340	1,448	2,833	4,745
S290	7.64	12.67	12.67	12.67	12.67	12.67	12.67	1,757	3,635	6,269	2,047	3,924	6,583
S310	2.39	12.33	12.33	12.33	12.33	12.33	12.33	736	1,578	2,747	847	1,688	2,858
S320	0.45	12.00	12.00	12.00	12.00	12.00	12.00	332	588	945	318	584	951
S330	0.16	12.08	12.08	12.08	12.08	12.08	12.08	119	186	284	116	183	281
S340L	0.24	12.08	12.08	12.08	12.08	12.08	12.08	137	254	418	145	265	431
S340R	0.06	12.00	12.00	12.00	12.00	12.00	12.00	51	81	125	51	81	124
S350	0.16	12.08	12.08	12.08	12.08	12.08	12.08	113	196	315	114	198	317
S360	0.58	12.25	12.25	12.25	12.25	12.25	12.25	263	480	791	295	517	836
S370	0.34	12.08	12.08	12.08	12.08	12.08	12.08	265	415	634	289	439	658

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
S380	0.41	12.00	12.00	12.00	12.00	12.00	12.00	361	599	933	397	629	960
S390	0.35	12.08	12.08	12.08	12.08	12.08	12.08	216	378	607	237	400	634
S400	3.06	12.33	12.33	12.33	12.33	12.33	12.33	1,161	2,141	3,541	1,309	2,283	3,680
S400L	5.03	12.92	12.92	13.00	12.67	12.67	12.67	1,054	2,016	3,461	1,502	2,742	4,571
S410	1.31	12.17	12.17	12.17	12.17	12.17	12.17	777	1,351	2,169	873	1,433	2,239
3085	0.08	12.08	12.08	12.08	12.17	12.08	12.08	23	68	113	14	81	149
4510	1.53	12.58	12.58	12.67	12.50	12.50	12.58	561	1,005	1,280	568	983	1,247
1210	1.27	12.42	12.42	12.42	12.00	12.00	12.00	345	781	1,043	803	1,489	2,716
1215	0.22	12.25	12.25	12.33	12.25	12.25	12.25	71	153	203	80	148	195
1220	0.71	12.25	12.25	12.25	12.17	12.17	12.25	211	556	803	350	695	981
1230	0.63	12.42	12.42	12.42	12.33	12.33	12.33	149	361	485	201	396	528
1240	0.40	12.33	12.33	12.33	12.25	12.25	12.33	131	281	381	157	282	366
3045	0.25	12.25	12.25	12.25	12.25	12.25	12.25	73	178	242	118	211	285
3050	0.34	12.25	12.25	12.25	12.17	12.17	12.25	93	248	353	165	291	395
3060	0.39	12.33	12.33	12.42	12.25	12.25	12.33	78	223	307	141	290	388
3000	0.38	12.33	12.33	12.33	12.25	12.25	12.33	129	267	355	172	288	367
3010	0.16	12.25	12.25	12.33	12.25	12.25	12.25	68	122	158	109	178	226
3020	0.31	12.33	12.33	12.33	12.25	12.25	12.33	87	197	262	171	291	373
3030	0.22	12.25	12.25	12.25	12.25	12.25	12.25	84	179	246	92	172	234
3040	0.12	12.25	12.25	12.25	12.25	12.25	12.25	54	99	127	70	115	148
1340	1.57	12.50	12.50	12.58	12.42	12.42	12.42	343	819	1,092	633	1,201	1,593
3125	0.46	12.33	12.33	12.42	12.25	12.25	12.33	110	282	379	231	419	546
3130	0.21	12.33	12.33	12.33	12.25	12.25	12.33	34	106	146	110	198	255
3090	0.43	12.33	12.33	12.42	12.25	12.25	12.33	118	276	371	181	340	451
3070	0.29	12.50	12.50	12.58	12.42	12.42	12.50	80	142	178	76	124	153
3080	0.58	12.33	12.33	12.42	12.33	12.33	12.33	344	555	694	308	472	594
3100	0.57	12.50	12.50	12.58	12.42	12.42	12.50	155	317	407	158	280	351

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
3120	0.63	12.42	12.42	12.50	12.33	12.33	12.42	235	417	533	307	505	641
4520	0.66	12.67	12.67	12.75	12.50	12.50	12.58	163	326	415	258	460	584
3135	0.05	12.17	12.17	12.17	12.17	12.17	12.17	13	38	54	28	57	80
3140	0.44	12.42	12.42	12.50	12.33	12.33	12.42	104	235	308	183	341	437
3150	0.57	12.58	12.58	12.67	12.50	12.50	12.50	124	263	338	208	378	479
3160	0.41	12.33	12.33	12.33	12.25	12.25	12.33	113	272	372	205	369	479
3170	0.40	12.25	12.25	12.33	12.25	12.25	12.25	111	301	428	173	355	512
3180	0.43	12.50	12.50	12.50	12.42	12.42	12.42	143	250	314	125	206	254
1360	0.69	12.17	12.17	12.25	12.17	12.17	12.17	266	613	878	446	763	1,022
3190	0.48	12.25	12.17	12.25	12.17	12.17	12.25	159	382	552	219	414	558
3200	0.65	12.33	12.33	12.33	12.25	12.25	12.25	230	501	688	374	667	878
3210	0.10	12.08	12.08	12.08	12.08	12.08	12.08	29	92	154	40	87	130
3220A	0.24	12.25	12.25	12.25	12.17	12.17	12.25	53	168	260	103	205	284
3220B	0.39	12.33	12.25	12.33	12.25	12.17	12.25	56	238	365	133	299	435
3230	0.36	12.50	12.50	12.50	12.42	12.42	12.42	62	160	210	106	209	274
3240	0.08	12.25	12.25	12.33	12.17	12.17	12.25	12	41	58	49	106	150
3250A	0.08	12.17	12.17	12.25	12.17	12.08	12.17	22	61	88	103	200	303
3250B	0.32	12.50	12.50	12.50	12.33	12.33	12.33	37	126	175	296	597	814
4530	0.05	12.33	12.33	12.33	12.33	12.25	12.25	2	19	32	2	17	27
Concentration Points													
C110	28.53	12.83	12.83	12.83	12.83	12.83	12.83	3,342	8,494	15,136	3,355	8,507	15,149
C120	33.31	12.83	12.83	12.83	12.83	12.83	12.83	3,589	9,567	17,293	3,594	9,572	17,299
C130	36.18	13.08	12.92	12.92	13.08	12.92	12.92	3,532	9,660	17,526	3,537	9,664	17,530
C140	38.02	13.17	13.00	12.92	13.17	13.00	12.92	3,525	9,844	17,929	3,530	9,848	17,934
C150	41.08	13.42	13.17	13.08	13.42	13.17	13.08	3,389	9,625	17,932	3,394	9,630	17,937
C160	42.38	13.42	13.17	13.08	13.42	13.17	13.08	3,383	9,712	18,188	3,388	9,716	18,192
C170	46.71	13.50	13.25	13.08	13.50	13.25	13.08	3,461	10,110	19,152	3,462	10,110	19,149

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
C180	50.51	13.58	13.25	13.17	13.58	13.25	13.17	3,536	10,497	20,249	3,532	10,488	20,231
C190	57.69	13.92	13.58	13.33	13.92	13.58	13.33	3,469	10,571	20,761	3,460	10,557	20,736
C200	61.64	14.17	13.75	13.50	14.17	13.75	13.50	3,404	10,398	20,679	3,394	10,384	20,658
C210	71.99	14.33	13.83	13.58	14.33	13.83	13.58	3,557	11,419	23,119	3,590	11,475	23,184
C220	75.62	14.58	13.92	13.58	14.50	13.92	13.58	3,536	11,364	23,260	3,584	11,446	23,381
C230	77.46	14.75	14.08	13.67	14.75	14.00	13.67	3,505	11,306	23,235	3,566	11,412	23,421
C240	80.09	14.83	14.08	13.75	14.83	14.08	13.67	3,492	11,288	23,394	3,566	11,440	23,682
C250	85.97	12.67	14.25	13.75	12.67	14.17	13.75	3,603	11,392	24,045	4,498	11,642	24,576
C260	91.40	12.67	14.25	13.75	12.67	14.17	13.67	4,403	11,518	24,661	5,507	11,827	25,352
C295	13.57	12.75	12.83	12.75	12.92	12.75	12.75	1,950	5,276	9,547	2,824	5,915	10,315
C300	18.44	12.92	12.83	12.83	13.00	12.83	12.83	2,770	6,946	11,828	3,745	7,694	12,656
C310L	20.82	12.83	12.92	12.83	13.00	12.83	12.83	2,965	7,421	12,838	3,897	8,259	13,791
C310	112.23	12.75	12.75	13.33	12.75	12.75	13.25	6,368	15,560	30,867	8,084	17,653	32,702
C340	0.92	12.08	12.08	12.08	12.08	12.08	12.08	625	1,090	1,747	614	1,090	1,758
C350	1.08	12.17	12.08	12.08	12.17	12.08	12.08	701	1,228	1,987	688	1,235	2,008
C360	1.66	12.25	12.25	12.25	12.25	12.25	12.25	873	1,596	2,620	893	1,635	2,678
C370	2.00	12.25	12.25	12.25	12.25	12.25	12.25	1,017	1,843	3,011	1,058	1,904	3,095
C385	2.42	12.25	12.25	12.25	12.25	12.25	12.25	1,160	2,101	3,416	1,221	2,177	3,509
C390L	2.76	12.25	12.25	12.25	12.25	12.25	12.25	1,276	2,322	3,798	1,355	2,418	3,913
C390	114.99	12.75	12.75	13.33	12.75	12.75	13.17	6,761	16,307	31,176	8,539	18,377	33,148
C400R	118.05	13.25	13.17	13.42	13.17	13.08	13.25	5,934	15,314	31,437	7,700	17,274	33,597
C400	123.08	13.25	13.08	13.17	13.08	13.00	13.00	6,588	16,797	33,856	8,418	18,789	36,093
C410	124.38	13.50	13.33	13.33	13.42	13.25	13.25	6,202	16,184	33,771	7,934	18,259	35,850
C509	124.46	13.67	13.42	13.42	13.50	13.33	13.33	6,185	16,092	33,711	7,896	18,142	35,777
C4510A	125.99	14.25	14.00	13.92	14.08	13.83	13.83	6,060	15,938	33,702	7,720	17,836	35,723
C531	2.20	12.75	12.58	12.67	12.25	12.17	12.25	380	971	1,354	961	1,903	3,245
C500	2.83	12.92	12.75	12.83	12.42	12.42	12.50	429	1,113	1,488	998	1,941	2,842

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
C501	3.23	12.92	12.83	13.00	12.50	12.67	12.75	449	1,184	1,535	1,029	1,874	2,511
C502	3.47	13.08	12.92	13.08	12.67	12.83	12.92	451	1,209	1,553	1,023	1,859	2,458
C503	3.81	13.25	13.17	13.42	12.83	13.08	13.25	446	1,208	1,550	996	1,781	2,338
C504L	4.19	13.67	13.58	13.75	13.33	13.50	13.58	433	1,197	1,531	917	1,701	2,207
C506R	0.55	13.17	13.17	13.00	13.08	13.08	12.33	114	235	255	154	270	298
C506L	0.53	12.42	12.25	12.33	13.00	12.92	12.25	103	217	292	150	261	304
C506	1.08	12.50	13.08	12.33	13.00	13.00	12.33	204	413	507	302	525	598
C504	1.20	12.67	13.25	12.50	12.50	13.17	12.50	221	418	554	314	534	668
C508	5.39	13.42	13.50	13.67	13.33	13.42	13.50	584	1,546	1,900	1,196	2,161	2,678
C511	2.03	12.83	12.75	12.83	12.67	12.67	12.75	346	874	1,142	660	1,247	1,591
C512	2.24	13.42	13.25	13.33	13.17	13.08	13.17	313	809	1,045	611	1,187	1,496
C510R	8.06	13.58	13.75	13.83	13.50	13.58	13.67	842	2,206	2,834	1,685	3,146	4,004
C510	8.93	13.58	13.75	13.83	13.50	13.58	13.67	909	2,326	3,003	1,765	3,274	4,174
C517R	9.50	13.83	14.08	14.17	13.83	13.92	14.00	911	2,307	3,009	1,728	3,184	4,120
C517	10.13	13.75	14.00	14.08	13.83	13.92	14.00	942	2,357	3,081	1,759	3,238	4,202
C518	136.12	14.17	14.00	13.92	14.00	13.92	13.83	6,466	17,686	36,653	8,884	20,384	39,758
C527R	136.78	14.92	14.42	14.25	14.58	14.25	14.17	6,299	17,442	36,519	8,612	19,980	39,566
C516	0.49	12.42	12.42	12.50	12.33	12.33	12.42	104	236	311	184	345	445
C527L	1.07	13.33	13.08	13.08	13.00	12.92	12.92	137	362	472	246	530	677
C527	137.85	14.83	14.42	14.25	14.58	14.25	14.17	6,315	17,516	36,694	8,645	20,066	39,746
C515	0.82	12.50	12.33	12.42	12.33	12.33	12.33	155	456	613	304	612	780
C523R	1.24	12.92	12.83	13.08	12.75	13.00	13.08	227	552	668	360	610	726
C519	1.16	12.25	12.17	12.25	12.17	12.17	12.17	421	989	1,430	662	1,173	1,571
C520	1.82	12.58	12.50	12.58	12.42	12.42	12.50	411	1,160	1,582	742	1,390	1,819
C521	1.92	12.67	12.50	12.67	12.50	12.50	12.58	405	1,146	1,531	745	1,372	1,774
C532I	2.16	12.92	12.75	12.83	12.75	12.67	12.75	387	1,111	1,474	726	1,350	1,744
C523L	2.55	13.25	13.08	13.08	13.08	13.00	13.08	357	1,015	1,342	676	1,279	1,628

Table 3-3-6: Summary of Peak Discharge Results for the HEC-1 Models													
		Time of Peak						Peak Discharge					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (hours)	10-year FIS (hours)	100-year FIS (hours)	2-year Future (hours)	10-year Future (hours)	100-year Future (hours)	2-year FIS (cfs)	10-year FIS (cfs)	100-year FIS (cfs)	2-year Future (cfs)	10-year Future (cfs)	100-year Future (cfs)
C523	3.80	13.08	13.00	13.08	13.00	13.00	13.08	530	1,507	2,009	955	1,857	2,354
C526R	4.16	13.83	13.67	13.75	13.75	13.58	13.67	503	1,374	1,796	885	1,718	2,117
C524I	0.16	12.25	12.25	12.25	12.17	12.17	12.17	23	83	112	132	281	378
C525	0.47	12.50	12.75	12.58	12.33	12.33	12.33	38	157	212	328	676	913
C526	4.63	13.83	13.67	13.67	13.58	13.58	13.58	525	1,471	1,937	1,006	2,017	2,479
C528R	4.69	13.83	13.75	13.75	13.67	13.58	13.67	524	1,462	1,937	1,003	2,011	2,473
C528	142.54	14.92	14.42	14.25	14.58	14.33	14.17	6,374	18,073	38,066	8,825	20,848	41,463

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
Apache Wash Model													
Channel Route Operations													
G	3.55	0.651	1.683	2.957	0.720	1.770	3.053	123.3	318.6	559.9	136.3	335.1	578.0
40MT	6.18	0.656	1.691	2.967	0.738	1.795	3.082	216.2	557.4	977.9	243.2	591.6	1,015.8
42T	0.62	0.650	1.693	2.987	0.743	1.804	3.100	21.5	56.0	98.8	24.6	59.7	102.5
42T	1.39	0.690	1.747	3.040	0.764	1.842	3.146	51.2	129.5	225.4	56.6	136.6	233.2
41T	2.12	0.666	1.713	2.995	0.749	1.816	3.105	75.3	193.7	338.6	84.7	205.3	351.1
40T	3.01	0.649	1.696	2.954	0.738	1.795	3.072	104.2	272.3	474.2	118.5	288.2	493.2
F1T	9.77	0.648	1.683	2.950	0.731	1.783	3.069	337.7	877.0	1,537.1	380.9	929.1	1,599.2
F2T	10.03	0.650	1.686	2.956	0.734	1.789	3.077	347.7	901.9	1,581.3	392.6	957.0	1,646.0
30T	10.49	0.646	1.681	2.950	0.735	1.790	3.078	361.4	940.5	1,650.4	411.2	1,001.4	1,722.0
F3T	10.99	0.646	1.682	2.952	0.737	1.793	3.083	378.6	985.9	1,730.3	432.0	1,050.9	1,807.0
F4T	11.26	0.645	1.681	2.952	0.738	1.794	3.085	387.3	1,009.5	1,772.8	443.2	1,077.4	1,852.6
F5T	11.40	0.645	1.681	2.953	0.739	1.796	3.088	392.2	1,022.0	1,795.4	449.3	1,092.0	1,877.5
F6T	12.08	0.650	1.688	2.959	0.748	1.807	3.099	418.8	1,087.5	1,906.4	481.9	1,164.2	1,996.6
23T	4.32	0.732	1.826	3.096	0.778	1.909	3.198	168.7	420.7	713.3	179.3	439.8	736.8
22T	6.03	0.727	1.810	3.072	0.772	1.899	3.178	233.8	582.1	988.0	248.3	610.7	1,022.0
21T	6.54	0.711	1.788	3.055	0.757	1.870	3.172	248.0	523.7	1,065.6	264.0	652.3	1,106.4
20T	0.51	0.690	1.744	3.030	0.784	1.859	3.154	18.8	47.4	82.4	21.3	50.6	85.8
10MT	20.30	0.669	1.718	2.989	0.759	1.838	3.134	724.3	1,860.0	3,236.1	821.7	1,989.9	3,393.1
13T	1.25	0.749	1.845	3.155	0.789	1.885	3.198	49.9	123.0	210.3	52.6	125.7	213.2
11A	3.29	0.725	1.803	3.101	0.791	1.876	3.183	127.2	316.4	544.1	138.8	329.2	558.5
10T	4.65	0.706	1.780	3.062	0.784	1.866	3.164	175.1	441.4	759.4	194.4	462.8	784.7
ET	25.91	0.665	1.717	2.984	0.754	1.833	3.131	918.9	2,372.7	4,123.5	1,041.9	2,533.0	4,326.6
1T	1.06	0.800	1.921	3.254	0.901	2.039	3.382	45.2	108.6	184.0	50.9	115.3	191.2

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
Subbasin Operations													
70	2.20	0.673	1.722	3.007	0.730	1.793	3.086	79.0	202.0	352.8	85.7	210.4	362.1
80	1.35	0.614	1.627	2.887	0.702	1.739	3.013	44.2	117.1	207.9	50.5	125.2	216.9
G	0.89	0.728	1.794	3.089	0.770	1.845	3.147	34.6	85.2	146.6	36.5	87.6	149.4
60	0.59	0.588	1.584	2.832	0.776	1.823	3.102	18.5	49.8	89.1	24.4	57.4	97.6
50	1.15	0.651	1.685	2.960	0.752	1.811	3.101	39.9	103.3	181.5	46.1	111.1	190.2
44	0.62	0.652	1.692	2.972	0.740	1.803	3.096	21.6	55.9	98.3	24.5	59.6	102.4
43	1.39	0.687	1.744	3.035	0.764	1.840	3.141	50.9	129.3	225.0	56.6	136.4	232.9
42	0.11	0.488	1.414	2.611	0.596	1.554	2.772	2.9	8.3	15.3	3.5	9.1	16.3
41	0.89	0.624	1.642	2.905	0.711	1.752	3.029	29.6	77.9	137.9	33.7	83.2	143.8
40	0.58	0.567	1.545	2.779	0.625	1.618	2.863	17.5	47.8	86.0	19.3	50.1	88.6
F1	0.26	0.711	1.782	3.082	0.866	1.973	3.294	9.9	24.7	42.7	12.0	27.4	45.7
F2	0.46	0.562	1.547	2.787	0.748	1.784	3.056	13.8	38.0	68.4	18.4	43.8	75.0
30	0.50	0.647	1.681	2.955	0.774	1.840	3.133	17.3	44.8	78.8	20.6	49.1	83.5
F3	0.27	0.645	1.678	2.951	0.809	1.883	3.181	9.3	24.2	42.5	11.6	27.1	45.8
F4	0.14	0.633	1.663	2.935	0.809	1.883	3.181	4.7	12.4	21.9	6.0	14.1	23.8
F5	0.68	0.757	1.855	3.173	0.914	2.046	3.384	27.5	67.3	115.1	33.1	74.2	122.7
F6	0.49	0.633	1.663	2.935	0.809	1.883	3.181	16.5	43.5	76.7	21.1	49.2	83.1
25	1.41	0.711	1.782	2.082	0.738	1.815	3.119	53.5	134.0	231.8	55.5	136.5	234.5
24	2.91	0.741	1.829	3.139	0.818	1.922	3.242	115.0	283.9	487.2	127.0	298.3	503.2
23	1.71	0.702	1.767	3.063	0.777	1.861	3.167	64.0	161.2	279.3	70.9	169.7	288.8
22	0.51	0.702	1.767	3.063	0.807	1.897	3.208	19.1	48.1	83.3	22.0	51.6	87.3
21	0.51	0.694	1.751	3.042	0.786	1.865	3.169	18.9	47.6	82.7	21.4	50.7	86.2
20	0.68	0.593	1.597	2.851	0.928	2.021	3.329	21.5	57.9	103.4	33.7	73.3	120.7
14	1.25	0.751	1.847	3.163	0.783	1.886	3.206	50.1	123.1	210.9	52.2	125.7	213.7
13	0.15	0.417	1.293	2.452	0.557	1.479	2.667	3.3	10.3	19.6	4.5	11.8	21.3

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
12	1.89	0.736	1.823	3.134	0.811	1.915	3.235	74.2	183.8	315.9	81.7	193.0	326.1
11A	0.37	0.601	1.611	2.870	0.723	1.765	3.043	11.9	31.8	56.6	14.3	34.8	60.0
11	0.99	0.695	1.761	3.057	0.808	1.900	3.212	36.7	93.0	161.4	42.7	100.3	169.6
10	0.96	0.711	1.782	3.082	0.860	1.966	3.286	36.4	91.2	157.8	44.0	100.7	168.2
E	1.11	0.647	1.685	2.963	0.837	1.922	3.228	38.3	99.8	175.4	49.6	113.8	191.1
2	1.06	0.806	1.927	3.261	0.904	2.046	3.391	45.6	108.9	184.4	51.1	115.7	191.7
1	0.66	0.690	1.753	3.048	0.808	1.898	3.209	24.3	61.7	107.3	28.4	66.8	113.0
D	1.90	0.757	1.855	3.173	0.858	1.978	3.308	76.7	188.0	321.5	86.9	200.4	335.2
Concentration Points													
80T	3.55	0.650	1.686	2.961	0.719	1.772	3.058	123.1	319.2	560.6	136.1	335.5	579.0
GT	4.44	0.666	1.705	2.983	0.730	1.785	3.072	157.7	403.7	706.4	172.9	422.7	727.4
60T	5.03	0.657	1.691	2.966	0.735	1.790	3.075	176.3	453.6	795.7	197.2	480.2	824.9
50T	6.18	0.656	1.690	2.965	0.738	1.794	3.080	216.2	557.0	977.3	243.2	591.3	1,015.2
42T	2.12	0.668	1.714	3.002	0.749	1.816	3.113	75.5	193.8	339.4	84.7	205.3	352.0
41T	3.01	0.654	1.692	2.969	0.738	1.797	3.083	105.0	271.6	476.6	118.5	288.5	494.9
40T	3.59	0.636	1.672	2.925	0.719	1.766	3.038	121.8	320.1	560.0	137.7	338.1	581.7
40MT	9.77	0.649	1.684	2.952	0.731	1.784	3.066	338.2	877.5	1,538.2	380.9	929.6	1,597.6
F1T	10.03	0.649	1.685	2.954	0.734	1.788	3.075	347.2	901.4	1,580.2	392.6	956.5	1,644.9
F2T	10.49	0.646	1.680	2.948	0.735	1.789	3.076	361.4	939.9	1,649.3	411.2	1,000.9	1,720.9
30T	10.99	0.646	1.681	2.950	0.737	1.792	3.081	378.6	985.3	1,729.1	432.0	1,050.4	1,805.9
F3T	11.26	0.646	1.682	2.952	0.739	1.795	3.085	387.9	1,010.1	1,772.8	443.8	1,078.0	1,852.6
F4T	11.40	0.645	1.680	2.951	0.739	1.795	3.086	392.2	1,021.4	1,794.2	449.3	1,091.4	1,876.3
F5T	12.08	0.651	1.691	2.965	0.749	1.810	3.104	419.4	1,089.5	1,910.3	482.6	1,166.1	1,999.8
F6T	12.57	0.650	1.687	2.958	0.750	1.810	3.102	435.8	1,131.0	1,983.0	502.8	1,213.4	2,079.6
24T	4.32	0.732	1.813	3.121	0.792	1.887	3.202	168.7	417.7	719.1	182.5	434.8	737.7
23T	6.03	0.723	1.809	3.087	0.778	1.895	3.189	232.5	581.8	992.8	250.2	609.4	1,025.6

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
22T	6.54	0.725	1.806	3.072	0.775	1.899	3.181	252.9	629.9	1,071.5	270.3	662.4	1,109.5
20T	7.73	0.700	1.768	3.036	0.774	1.883	3.185	288.6	728.9	1,251.6	319.1	776.3	1,313.1
20MT	20.30	0.669	1.718	2.988	0.759	1.838	3.133	724.3	1,860.0	3,235.0	821.7	1,989.9	3,392.0
13T	1.40	0.714	1.786	3.080	0.764	1.842	3.141	53.3	133.4	230.0	57.0	137.5	234.5
12T	3.29	0.726	1.807	3.111	0.791	1.884	3.195	127.4	317.1	545.9	138.8	330.6	560.6
11AT	3.66	0.712	1.784	3.077	0.784	1.865	3.168	139.0	348.2	600.6	153.0	364.0	618.4
11T	4.65	0.708	1.779	3.073	0.789	1.872	3.178	175.6	441.2	762.1	195.7	464.3	788.1
10T	5.61	0.707	1.780	3.066	0.797	1.883	3.185	211.5	532.6	917.3	238.5	563.4	953.0
10MT	25.91	0.677	1.732	3.005	0.768	1.848	3.145	935.5	2,393.4	4,152.5	1,061.3	2,553.7	4,346.0
ET	27.02	0.664	1.716	2.983	0.758	1.837	3.135	956.9	2,472.9	4,298.7	1,092.3	2,647.2	4,517.7
1T	1.72	0.758	1.857	3.175	0.865	1.985	3.316	69.5	170.3	291.3	79.3	182.1	304.2
DT	30.64	0.675	1.732	3.006	0.770	1.854	3.156	1,103.0	2,830.3	4,912.2	1,258.3	3,029.7	5,157.3
Cave Creek Models													
Channel Route Operations													
110120	28.53	0.366	0.875	1.544	0.370	0.881	1.549	556.9	1,331.4	2,349.4	563.0	1,340.5	2,357.0
120130	33.31	0.339	0.844	1.509	0.342	0.849	1.512	602.2	1,499.4	2,680.8	607.6	1,508.3	2,686.1
130140	36.18	0.332	0.837	1.500	0.335	0.841	1.502	640.6	1,615.1	2,894.4	646.4	1,622.8	2,898.3
140150	38.02	0.322	0.823	1.485	0.326	0.829	1.487	652.9	1,668.8	3,011.2	661.0	1,681.0	3,015.2
150160	41.08	0.317	0.818	1.480	0.321	0.824	1.481	694.5	1,792.2	3,242.6	703.3	1,805.3	3,244.8
160170	42.38	0.312	0.812	1.473	0.316	0.818	1.474	705.2	1,835.3	3,329.4	714.2	1,848.9	3,331.6
170180	46.71	0.311	0.810	1.470	0.314	0.815	1.470	774.8	2,017.9	3,662.1	782.2	2,030.3	3,662.1
180190	50.51	0.304	0.800	1.462	0.307	0.805	1.460	818.9	2,155.1	3,938.4	827.0	2,168.6	3,933.0
190200	57.69	0.300	0.792	1.455	0.304	0.798	1.453	923.0	2,436.8	4,476.7	935.3	2,455.3	4,470.6
200210	61.64	0.295	0.786	1.447	0.299	0.792	1.446	969.8	2,583.9	4,757.0	983.0	2,603.7	4,753.7
210220	71.99	0.299	0.790	1.454	0.310	0.805	1.463	1,148.0	3,033.2	5,582.6	1,190.2	3,090.8	5,617.1
220230	75.62	0.302	0.793	1.458	0.318	0.813	1.476	1,218.0	3,198.2	5,880.2	1,282.5	3,278.9	5,952.8

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
230240	77.46	0.305	0.795	1.463	0.327	0.824	1.490	1,260.0	3,284.3	6,043.9	1,350.9	3,404.1	6,155.5
240250	80.09	0.305	0.792	1.461	0.334	0.831	1.501	1,302.8	3,383.0	6,240.6	1,426.7	3,549.6	6,411.5
250260	85.97	0.317	0.802	1.475	0.358	0.855	1.536	1,453.5	3,677.2	6,763.0	1,641.5	3,920.2	7,042.7
270300	4.86	0.584	1.175	2.049	0.706	1.318	2.237	151.4	304.6	531.1	183.0	341.6	579.8
280295	5.93	0.344	0.856	1.566	0.583	1.173	2.051	108.8	270.7	495.3	184.4	371.0	648.7
295300	13.57	0.454	0.979	1.697	0.661	1.249	2.081	328.6	708.5	1,228.2	478.4	903.9	1,506.1
300310	18.44	0.465	1.002	1.718	0.648	1.237	2.046	457.3	985.4	1,689.6	637.3	1,216.5	2,012.2
310390	112.23	0.320	0.799	1.473	0.389	0.887	1.584	1,915.4	4,782.5	8,816.8	2,328.4	5,309.2	9,481.2
320340	0.45	0.905	1.531	2.521	0.735	1.321	2.252	21.7	36.7	60.5	17.6	31.7	54.0
330340	0.16	1.310	2.099	3.390	1.180	1.932	3.187	11.2	17.9	28.9	10.1	16.5	27.2
340350	0.92	0.964	1.619	2.665	0.855	1.486	2.497	47.3	79.4	130.8	42.0	72.9	122.5
350360	1.08	0.947	1.596	2.636	0.858	1.489	2.498	54.5	91.9	151.8	49.4	85.8	143.9
360370	1.66	0.871	1.493	2.485	0.851	1.477	2.466	77.1	132.2	220.0	75.3	130.8	218.3
370385	2.00	0.959	1.608	2.640	1.000	1.672	2.722	102.3	171.5	281.6	106.7	178.3	290.3
380385	0.41	0.882	1.519	2.568	1.265	2.024	3.246	19.3	33.2	56.2	27.7	44.3	71.0
385390	2.42	0.936	1.578	2.601	1.036	1.717	2.783	120.8	203.7	335.7	133.7	221.6	359.2
390400	114.99	0.318	0.797	1.471	0.385	0.884	1.584	1,950.2	4,887.8	9,021.3	2,361.1	5,421.4	9,714.4
400410	123.08	0.324	0.802	1.479	0.395	0.893	1.597	2,126.8	5,264.5	9,708.6	2,592.9	5,861.9	10,483.1
410509	124.38	0.325	0.802	1.481	0.399	0.896	1.602	2,155.9	5,320.1	9,824.4	2,646.8	5,943.7	10,627.0
509518	124.46	0.322	0.797	1.481	0.398	0.896	1.602	2,137.4	5,290.4	9,830.7	2,641.9	5,947.5	10,633.9
529531	1.27	0.510	1.089	1.358	0.697	1.277	1.564	34.5	73.8	92.0	47.2	86.5	105.9
530531	0.22	0.604	1.203	1.460	0.895	1.546	1.840	7.1	14.1	17.1	10.5	18.1	21.6
531500	2.20	0.431	0.993	1.270	0.705	1.291	1.597	50.6	116.5	149.0	82.7	151.5	187.4
500501	2.83	0.416	0.973	1.257	0.690	1.272	1.585	62.8	146.9	189.7	104.1	192.0	239.2
501502	3.23	0.428	0.986	1.278	0.715	1.303	1.626	73.7	169.9	220.2	123.2	224.5	280.1
502503	3.47	0.417	0.971	1.268	0.727	1.317	1.645	77.2	179.7	234.7	134.5	243.7	304.4

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models													
		Rainfall Excess						Runoff Volume					
HEC-1 ID	Drainage Area (sq. mi.)	2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
503504	3.81	0.404	0.955	1.256	0.757	1.357	1.692	82.1	194.1	255.2	153.8	275.7	343.8
507506	0.38	0.505	1.051	1.321	1.030	1.710	2.025	10.2	21.3	26.8	20.9	34.7	41.0
505506	0.31	0.467	1.027	1.276	1.168	1.881	2.220	7.7	17.0	21.1	19.3	31.1	36.7
506504	1.08	0.533	1.098	1.366	1.023	1.699	2.025	30.7	63.2	78.7	58.9	97.9	116.6
504508	1.20	0.536	1.102	1.377	1.018	1.693	2.027	34.3	70.5	88.1	65.2	108.4	129.7
508510	5.39	0.409	0.955	1.271	0.796	1.405	1.764	117.6	274.5	365.4	228.8	403.9	507.1
510511	1.57	0.397	0.939	1.206	0.727	1.311	1.620	33.2	78.6	101.0	60.9	109.8	135.6
511512	2.03	0.374	0.913	1.187	0.767	1.362	1.686	40.5	98.8	128.5	83.0	147.5	182.5
512510	2.24	0.359	0.897	1.173	0.795	1.400	1.730	42.9	107.2	140.1	95.0	167.3	206.7
510517	8.93	0.414	0.968	1.315	0.799	1.415	1.806	197.2	461.0	626.3	380.5	673.9	860.1
518527	136.12	0.315	0.788	1.467	0.412	0.911	1.614	2,286.8	5,720.7	10,650.0	2,991.0	6,613.6	11,717.2
514516	0.05	0.251	0.793	1.014	0.733	1.356	1.620	0.7	2.1	2.7	2.0	3.6	4.3
516527	0.49	0.457	1.017	1.284	0.778	1.379	1.669	11.9	26.6	33.6	20.3	36.0	43.6
527528	137.85	0.314	0.786	1.465	0.413	0.912	1.614	2,308.5	5,778.7	10,770.7	3,036.4	6,705.0	11,866.1
513515	0.41	0.365	0.910	1.152	0.930	1.573	1.881	8.0	19.9	25.2	20.3	34.4	41.1
515523	0.82	0.360	0.916	1.159	0.822	1.456	1.744	15.7	40.1	50.7	35.9	63.7	76.3
519520	1.16	0.432	1.000	1.256	1.018	1.695	2.021	26.7	61.9	77.7	63.0	104.9	125.0
520521	1.82	0.430	0.986	1.262	0.925	1.568	1.901	41.7	95.7	122.5	89.8	152.2	184.5
521532	1.92	0.415	0.969	1.247	0.911	1.552	1.885	42.5	99.2	127.7	93.3	158.9	193.0
C532O	2.16	0.390	0.941	1.220	0.901	1.542	1.878	44.9	108.4	140.5	103.8	177.6	216.3
532523	2.16	0.389	0.939	1.220	0.901	1.542	1.878	44.8	108.2	140.5	103.8	177.6	216.3
523526	3.80	0.380	0.926	1.235	0.841	1.469	1.823	77.0	187.7	250.3	170.4	297.7	369.5
522524	0.08	0.252	0.802	1.034	0.708	1.347	1.618	1.1	3.4	4.4	3.0	5.7	6.9
C524O	0.16	0.299	0.855	1.088	0.814	1.476	1.767	2.6	7.3	9.3	6.9	12.6	15.1
524525	0.16	0.296	0.851	1.088	0.814	1.476	1.767	2.5	7.3	9.3	6.9	12.6	15.1
525526	0.47	0.235	0.779	1.009	0.775	1.416	1.696	5.9	19.5	25.3	19.4	35.5	42.5

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
526528	4.63	0.351	0.891	1.201	0.798	1.418	1.778	86.7	220.0	296.6	197.1	350.2	439.0
Subbasin Operations													
S110L	10.60	0.423	0.929	1.679	0.425	0.932	1.682	239.1	525.2	949.2	240.3	526.9	950.9
S110R	17.93	0.383	0.909	1.585	0.388	0.915	1.592	366.3	869.2	1,515.7	371.0	875.0	1,522.4
S120	4.77	0.313	0.856	1.584	0.305	0.847	1.571	79.6	217.8	403.0	77.6	215.5	399.7
S130	2.88	0.414	0.964	1.743	0.410	0.960	1.736	63.6	148.1	267.7	63.0	147.5	266.6
S140	1.84	0.356	0.890	1.622	0.360	0.895	1.629	34.9	87.3	159.2	35.3	87.8	159.9
S150	1.07	0.469	1.059	1.871	0.468	1.059	1.872	26.8	60.4	106.8	26.7	60.4	106.8
S150R	2.00	0.417	0.980	1.744	0.415	0.978	1.741	44.5	104.5	186.0	44.3	104.3	185.7
S160	1.29	0.377	0.930	1.697	0.375	0.928	1.694	25.9	64.0	116.8	25.8	63.8	116.5
S170	0.91	0.549	1.101	1.962	0.537	1.088	1.945	26.6	53.4	95.2	26.1	52.8	94.4
S170R	3.42	0.465	1.018	1.788	0.458	1.010	1.775	84.8	185.7	326.1	83.5	184.2	323.8
S180	3.80	0.459	0.995	1.796	0.443	0.978	1.773	93.0	201.7	364.0	89.8	198.2	359.3
S190L	2.81	0.487	0.994	1.805	0.492	0.997	1.808	73.0	149.0	270.5	73.7	149.4	271.0
S190R	4.37	0.470	1.016	1.813	0.461	1.005	1.797	109.5	236.8	422.5	107.4	234.2	418.8
S200	3.95	0.469	1.021	1.792	0.477	1.031	1.806	98.8	215.1	377.5	100.5	217.2	380.5
S210	10.35	0.506	1.077	1.845	0.563	1.143	1.925	279.3	594.5	1,018.4	310.8	630.9	1,062.6
S220	3.63	0.622	1.199	2.052	0.741	1.343	2.243	120.4	232.1	397.3	143.5	260.0	434.2
S230	1.84	0.710	1.289	2.212	0.977	1.644	2.717	69.7	126.5	217.1	95.9	161.3	266.6
S240	2.63	0.602	1.141	2.001	0.865	1.495	2.507	84.4	160.0	280.7	121.3	209.7	351.6
S250	5.89	0.661	1.206	2.063	0.865	1.485	2.453	207.6	378.8	648.1	271.7	466.5	770.6
S260L	3.78	0.629	1.196	2.052	0.778	1.380	2.301	126.8	241.1	413.7	156.8	278.2	463.9
S260R	1.65	0.754	1.351	2.305	0.904	1.551	2.592	66.4	118.9	202.8	79.6	136.5	228.1
S270	4.86	0.653	1.245	2.126	0.778	1.392	2.315	169.3	322.7	551.1	201.7	360.8	600.0
S280	5.93	0.465	1.009	1.758	0.800	1.426	2.319	147.1	319.1	556.0	253.0	451.0	733.4
S290	7.64	0.586	1.132	1.927	0.772	1.371	2.249	238.8	461.3	785.2	314.6	558.6	916.4

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
S310	2.39	0.479	0.996	1.785	0.609	1.157	2.010	61.1	127.0	227.5	77.6	147.5	256.2
S320	0.45	0.909	1.536	2.526	0.738	1.325	2.256	21.8	36.9	60.6	17.7	31.8	54.1
S330	0.16	1.314	2.103	3.395	1.184	1.936	3.192	11.2	17.9	29.0	10.1	16.5	27.2
S340L	0.24	0.759	1.346	2.283	0.760	1.357	2.302	9.7	17.2	29.2	9.7	17.4	29.5
S340R	0.06	1.345	2.123	3.342	1.306	2.073	3.278	4.3	6.8	10.7	4.2	6.6	10.5
S350	0.16	0.935	1.573	2.579	0.944	1.593	2.614	8.0	13.4	22.0	8.1	13.6	22.3
S360	0.58	0.781	1.377	2.327	0.888	1.525	2.534	24.2	42.6	72.0	27.5	47.2	78.4
S370	0.34	1.457	2.274	3.565	1.797	2.729	4.154	26.4	41.2	64.6	32.6	49.5	75.3
S380	0.41	0.888	1.525	2.575	1.271	2.031	3.253	19.4	33.3	56.3	27.8	44.4	71.1
S390	0.35	0.823	1.430	2.405	0.978	1.639	2.690	15.4	26.7	44.9	18.3	30.6	50.2
S400	3.06	0.702	1.273	2.178	0.855	1.479	2.462	114.6	207.8	355.4	139.5	241.4	401.8
S400L	5.03	0.676	1.231	2.099	0.795	1.385	2.298	181.3	330.2	563.1	213.3	371.5	616.5
S410	1.31	0.693	1.271	2.241	0.968	1.635	2.754	48.4	88.8	156.6	67.6	114.2	192.4
3085	0.08	0.214	0.718	0.929	0.085	0.586	0.814	0.9	3.1	4.0	0.4	2.5	3.5
4510	1.53	0.650	1.257	1.602	0.730	1.357	1.709	53.0	102.6	130.7	59.6	110.7	139.5
1210	1.27	0.512	1.092	1.358	0.697	1.277	1.564	34.7	74.0	92.0	47.2	86.5	105.9
1215	0.22	0.606	1.205	1.460	0.895	1.546	1.840	7.1	14.1	17.1	10.5	18.1	21.6
1220	0.71	0.289	0.830	1.053	0.713	1.314	1.585	10.9	31.4	39.9	27.0	49.8	60.0
1230	0.63	0.415	0.977	1.215	0.681	1.268	1.542	13.9	32.8	40.8	22.9	42.6	51.8
1240	0.40	0.573	1.163	1.428	0.963	1.623	1.937	12.2	24.8	30.5	20.5	34.6	41.3
3045	0.25	0.346	0.887	1.127	0.930	1.576	1.883	4.6	11.8	15.0	12.4	21.0	25.1
3050	0.34	0.340	0.899	1.131	1.147	1.877	2.200	6.2	16.3	20.5	20.8	34.0	39.9
3060	0.39	0.310	0.865	1.095	0.715	1.335	1.600	6.4	18.0	22.8	14.9	27.8	33.3
3000	0.38	0.506	1.053	1.321	1.030	1.710	2.025	10.3	21.3	26.8	20.9	34.7	41.0
3010	0.16	0.733	1.344	1.629	0.993	1.664	2.002	6.3	11.5	13.9	8.5	14.2	17.1
3020	0.31	0.469	1.029	1.276	1.168	1.881	2.220	7.8	17.0	21.1	19.3	31.1	36.7

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
3030	0.22	0.544	1.121	1.379	0.817	1.434	1.725	6.4	13.2	16.2	9.6	16.8	20.2
3040	0.12	0.595	1.184	1.472	1.001	1.689	2.037	3.8	7.6	9.4	6.4	10.8	13.0
1340	1.57	0.397	0.939	1.206	0.727	1.311	1.620	33.2	78.6	101.0	60.9	109.8	135.6
3125	0.46	0.337	0.885	1.119	0.949	1.605	1.914	8.3	21.7	27.5	23.3	39.4	47.0
3130	0.21	0.266	0.815	1.042	1.094	1.817	2.131	3.0	9.1	11.7	12.3	20.4	23.9
3090	0.43	0.433	0.991	1.241	0.785	1.388	1.680	9.9	22.7	28.5	18.0	31.8	38.5
3070	0.29	0.662	1.276	1.602	0.975	1.693	2.061	10.2	19.7	24.8	15.1	26.2	31.9
3080	0.58	0.930	1.807	2.175	1.260	2.221	2.635	28.8	55.9	67.3	39.0	68.7	81.5
3100	0.57	0.508	1.064	1.328	0.717	1.317	1.606	15.4	32.3	40.4	21.8	40.0	48.8
3120	0.63	0.685	1.300	1.619	0.932	1.619	1.973	23.0	43.7	54.4	31.3	54.4	66.3
4520	0.66	0.518	1.078	1.342	0.761	1.378	1.671	18.2	37.9	47.2	26.8	48.5	58.8
3135	0.05	0.251	0.793	1.014	0.733	1.356	1.620	0.7	2.1	2.7	2.0	3.6	4.3
3140	0.44	0.489	1.055	1.316	0.784	1.383	1.676	11.5	24.8	30.9	18.4	32.5	39.3
3150	0.57	0.468	1.009	1.272	0.695	1.288	1.565	14.2	30.7	38.7	21.1	39.2	47.6
3160	0.41	0.365	0.910	1.152	0.930	1.573	1.881	8.0	19.9	25.2	20.3	34.4	41.1
3170	0.40	0.362	0.930	1.167	0.709	1.334	1.600	7.7	19.8	24.9	15.1	28.5	34.1
3180	0.43	0.809	1.452	1.776	0.998	1.686	2.035	18.6	33.3	40.7	22.9	38.7	46.7
1360	0.69	0.486	1.068	1.322	1.172	1.892	2.233	17.9	39.3	48.6	43.1	69.6	82.2
3190	0.48	0.368	0.920	1.160	0.785	1.395	1.687	9.4	23.6	29.7	20.1	35.7	43.2
3200	0.65	0.460	1.009	1.273	0.812	1.420	1.707	15.9	35.0	44.1	28.1	49.2	59.2
3210	0.10	0.215	0.759	0.988	0.658	1.288	1.554	1.1	4.0	5.3	3.5	6.9	8.3
3220A	0.24	0.230	0.776	1.005	0.861	1.529	1.816	2.9	9.9	12.9	11.0	19.6	23.2
3220B	0.39	0.133	0.658	0.885	0.617	1.231	1.493	2.8	13.7	18.4	12.8	25.6	31.1
3230	0.36	0.324	0.865	1.098	0.688	1.282	1.556	6.2	16.6	21.1	13.2	24.6	29.9
3240	0.08	0.252	0.802	1.034	0.708	1.347	1.618	1.1	3.4	4.4	3.0	5.7	6.9
3250A	0.08	0.342	0.904	1.138	0.886	1.563	1.854	1.5	3.9	4.9	3.8	6.7	7.9

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
3250B	0.32	0.207	0.746	0.970	0.761	1.394	1.666	3.5	12.7	16.6	13.0	23.8	28.4
4530	0.05	0.042	0.516	0.748	0.042	0.516	0.748	0.1	1.4	2.0	0.1	1.4	2.0
Concentration Points													
C110	28.53	0.367	0.876	1.545	0.371	0.881	1.550	558.4	1,332.9	2,350.9	564.5	1,340.5	2,358.5
C120	33.31	0.341	0.847	1.512	0.344	0.851	1.514	605.8	1,504.7	2,686.1	611.1	1,511.8	2,689.7
C130	36.18	0.333	0.838	1.501	0.336	0.841	1.502	642.6	1,617.0	2,896.3	648.3	1,622.8	2,898.3
C140	38.02	0.326	0.829	1.489	0.329	0.833	1.491	661.0	1,681.0	3,019.3	667.1	1,689.1	3,023.4
C150	41.08	0.318	0.819	1.480	0.321	0.824	1.482	696.7	1,794.4	3,242.6	703.3	1,805.3	3,247.0
C160	42.38	0.314	0.814	1.475	0.317	0.819	1.476	709.7	1,839.9	3,333.9	716.5	1,851.2	3,336.2
C170	46.71	0.312	0.811	1.471	0.315	0.816	1.472	777.3	2,020.4	3,664.6	784.7	2,032.8	3,667.0
C180	50.51	0.309	0.807	1.467	0.311	0.810	1.466	832.4	2,174.0	3,951.9	837.8	2,182.0	3,949.2
C190	57.69	0.304	0.797	1.458	0.306	0.801	1.456	935.3	2,452.2	4,486.0	941.5	2,464.5	4,479.8
C200	61.64	0.302	0.791	1.453	0.306	0.797	1.451	992.8	2,600.4	4,776.7	1,006.0	2,620.1	4,770.1
C210	71.99	0.302	0.795	1.459	0.313	0.809	1.468	1,159.5	3,052.4	5,601.8	1,201.8	3,106.1	5,636.3
C220	75.62	0.305	0.797	1.463	0.321	0.817	1.480	1,230.1	3,214.4	5,900.4	1,294.6	3,295.0	5,968.9
C230	77.46	0.307	0.797	1.465	0.328	0.825	1.492	1,268.3	3,292.6	6,052.2	1,355.0	3,408.2	6,163.8
C240	80.09	0.309	0.798	1.467	0.339	0.836	1.507	1,319.9	3,408.6	6,266.2	1,448.0	3,570.9	6,437.1
C250	85.97	0.317	0.803	1.476	0.358	0.856	1.536	1,453.5	3,681.8	6,767.6	1,641.5	3,924.8	7,042.7
C260	91.40	0.326	0.810	1.487	0.373	0.871	1.558	1,589.1	3,948.5	7,248.6	1,818.3	4,245.8	7,594.7
C295	13.57	0.464	0.990	1.708	0.672	1.260	2.092	335.8	716.5	1,236.1	486.3	911.9	1,514.1
C300	18.44	0.474	1.012	1.729	0.658	1.247	2.056	466.2	995.3	1,700.4	647.1	1,226.4	2,022.0
C310L	20.82	0.456	0.988	1.693	0.633	1.213	2.006	506.3	1,097.1	1,879.9	702.9	1,346.9	2,227.5
C310	112.23	0.321	0.802	1.475	0.390	0.889	1.586	1,921.4	4,800.5	8,828.8	2,334.4	5,321.2	9,493.2
C340	0.92	0.968	1.624	2.670	0.859	1.490	2.501	47.5	79.7	131.0	42.1	73.1	122.7
C350	1.08	0.957	1.608	2.645	0.866	1.498	2.507	55.1	92.6	152.4	49.9	86.3	144.4
C360	1.66	0.877	1.500	2.491	0.856	1.482	2.472	77.6	132.8	220.5	75.8	131.2	218.9

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
C370	2.00	0.963	1.613	2.644	1.004	1.676	2.727	102.7	172.1	282.0	107.1	178.8	290.9
C385	2.42	0.938	1.580	2.601	1.037	1.718	2.783	121.1	203.9	335.7	133.8	221.7	359.2
C390L	2.76	0.916	1.549	2.555	1.022	1.696	2.749	134.8	228.0	376.1	150.4	249.7	404.7
C390	114.99	0.329	0.809	1.486	0.398	0.898	1.599	2,017.7	4,961.4	9,113.3	2,440.9	5,507.3	9,806.3
C400R	118.05	0.322	0.801	1.477	0.392	0.890	1.592	2,027.3	5,043.1	9,299.2	2,468.0	5,603.4	10,023.2
C400	123.08	0.328	0.806	1.484	0.400	0.897	1.602	2,153.1	5,290.8	9,741.4	2,625.7	5,888.1	10,516.0
C410	124.38	0.326	0.803	1.481	0.399	0.896	1.602	2,162.6	5,326.8	9,824.4	2,646.8	5,943.7	10,627.0
C509	124.46	0.325	0.801	1.481	0.398	0.896	1.602	2,157.3	5,316.9	9,830.7	2,641.9	5,947.5	10,633.9
C4510A	125.99	0.323	0.798	1.481	0.399	0.897	1.602	2,170.4	5,362.1	9,951.5	2,681.1	6,027.4	10,764.6
C531	2.20	0.432	0.994	1.270	0.705	1.291	1.597	50.7	116.6	149.0	82.7	151.5	187.4
C500	2.83	0.417	0.974	1.257	0.690	1.272	1.585	62.9	147.0	189.7	104.1	192.0	239.2
C501	3.23	0.429	0.987	1.278	0.715	1.303	1.626	73.9	170.0	220.2	123.2	224.5	280.1
C502	3.47	0.419	0.973	1.268	0.727	1.317	1.645	77.5	180.1	234.7	134.5	243.7	304.4
C503	3.81	0.406	0.957	1.256	0.757	1.357	1.692	82.5	194.5	255.2	153.8	275.7	343.8
C504L	4.19	0.390	0.939	1.241	0.747	1.346	1.683	87.2	209.8	277.3	166.9	300.8	376.1
C506R	0.55	0.572	1.138	1.413	1.015	1.692	2.016	16.8	33.4	41.4	29.8	49.6	59.1
C506L	0.53	0.499	1.065	1.319	1.036	1.713	2.035	14.1	30.1	37.3	29.3	48.4	57.5
C506	1.08	0.533	1.099	1.366	1.023	1.699	2.025	30.7	63.3	78.7	58.9	97.9	116.6
C504	1.20	0.536	1.102	1.377	1.018	1.693	2.027	34.3	70.5	88.1	65.2	108.4	129.7
C508	5.39	0.410	0.957	1.271	0.796	1.405	1.764	117.9	275.1	365.4	228.8	403.9	507.1
C511	2.03	0.375	0.914	1.187	0.767	1.362	1.686	40.6	99.0	128.5	83.0	147.5	182.5
C512	2.24	0.360	0.898	1.173	0.795	1.400	1.730	43.0	107.3	140.1	95.0	167.3	206.7
C510R	8.06	0.379	0.916	1.242	0.775	1.373	1.749	162.9	393.8	533.9	333.1	590.2	751.8
C510	8.93	0.416	0.971	1.315	0.799	1.415	1.806	198.1	462.5	626.3	380.5	673.9	860.1
C517R	9.50	0.415	0.967	1.315	0.792	1.404	1.796	210.3	489.9	666.3	401.3	711.4	910.0
C517	10.13	0.427	0.980	1.334	0.795	1.409	1.808	230.7	529.5	720.7	429.5	761.2	976.8

Table 3-3-7: Summary of Runoff Volume Results for the HEC-1 Models

HEC-1 ID	Drainage Area (sq. mi.)	Rainfall Excess						Runoff Volume					
		2-year FIS (inches)	10-year FIS (inches)	100-year FIS (inches)	2-year Future (inches)	10-year Future (inches)	100-year Future (inches)	2-year FIS (ac-ft)	10-year FIS (ac-ft)	100-year FIS (ac-ft)	2-year Future (ac-ft)	10-year Future (ac-ft)	100-year Future (ac-ft)
C518	136.12	0.317	0.791	1.467	0.412	0.911	1.614	2,301.3	5,742.4	10,650.0	2,991.0	6,613.6	11,717.2
C527R	136.78	0.315	0.788	1.467	0.413	0.911	1.614	2,297.9	5,748.4	10,701.7	3,012.8	6,645.7	11,774.0
C516	0.49	0.464	1.027	1.284	0.778	1.379	1.669	12.1	26.8	33.6	20.3	36.0	43.6
C527L	1.07	0.461	1.010	1.278	0.730	1.324	1.614	26.3	57.6	72.9	41.7	75.6	92.1
C527	137.85	0.314	0.787	1.465	0.413	0.912	1.614	2,308.5	5,786.0	10,770.7	3,036.4	6,705.0	11,866.1
C515	0.82	0.363	0.919	1.159	0.822	1.456	1.744	15.9	40.2	50.7	35.9	63.7	76.3
C523R	1.24	0.508	1.091	1.372	0.868	1.515	1.827	33.6	72.2	90.7	57.4	100.2	120.8
C519	1.16	0.433	1.002	1.256	1.018	1.695	2.021	26.8	62.0	77.7	63.0	104.9	125.0
C520	1.82	0.430	0.986	1.262	0.925	1.568	1.901	41.7	95.7	122.5	89.8	152.2	184.5
C521	1.92	0.416	0.970	1.247	0.911	1.552	1.885	42.6	99.3	127.7	93.3	158.9	193.0
C532I	2.16	0.390	0.941	1.220	0.901	1.542	1.878	44.9	108.4	140.5	103.8	177.6	216.3
C523L	2.55	0.345	0.886	1.169	0.852	1.486	1.821	46.9	120.5	159.0	115.9	202.1	247.7
C523	3.80	0.384	0.931	1.235	0.841	1.469	1.823	77.8	188.7	250.3	170.4	297.7	369.5
C526R	4.16	0.371	0.914	1.223	0.822	1.445	1.800	82.3	202.8	271.3	182.4	320.6	399.4
C524I	0.16	0.299	0.855	1.088	0.814	1.475	1.760	2.6	7.3	9.3	6.9	12.6	15.0
C525	0.47	0.236	0.780	1.009	0.775	1.416	1.696	5.9	19.6	25.3	19.4	35.5	42.5
C526	4.63	0.352	0.892	1.201	0.798	1.418	1.778	86.9	220.3	296.6	197.1	350.2	439.0
C528R	4.69	0.347	0.886	1.196	0.791	1.409	1.769	86.8	221.6	299.2	197.9	352.4	442.5
C528	142.54	0.309	0.780	1.457	0.418	0.917	1.619	2,349.1	5,929.7	11,076.3	3,177.7	6,971.2	12,307.9

Table 3-3-8: Routing Reaches edited for Alternative Analysis										
Concentration Point	10-Year Peak Discharges					100-Year Peak Discharges				
	Non-Structural (cfs)	Soft-Structural (cfs)	% Increase from Non-	Full-Structural (cfs)	% Increase from Non-	Non-Structural (cfs)	Soft-Structural (cfs)	% Increase from Non-	Full-Structural (cfs)	% Increase from Non-
Apache Wash HEC-1 Models										
F4T	5,452	5,472	0.37%	5,473	0.38%	10,114	10,157	0.42%	10,165	0.50%
F5T	5,835	5,861	0.44%	5,864	0.49%	10,805	10,866	0.56%	10,886	0.74%
F6T	5,418	5,591	3.09%	5,555	2.47%	9,912	10,452	5.17%	10,193	2.76%
20T	3,037	3,063	0.85%	3,178	4.44%	5,506	5,719	3.72%	5,976	7.86%
20MT	7,829	7,770	-0.76%	7,874	0.57%	14,498	14,477	-0.15%	14,910	2.76%
11T	2,903	2,937	1.16%	2,973	2.35%	5,157	5,200	0.83%	5,342	3.46%
10T	2,833	2,855	0.77%	3,079	7.99%	4,966	5,017	1.02%	5,615	11.56%
10MT	10,006	10,037	0.31%	9,983	-0.23%	18,529	18,772	1.29%	18,863	1.77%
ET	9,485	9,586	1.05%	9,738	2.60%	17,769	18,416	3.51%	18,752	5.24%
DT	10,296	10,402	1.02%	10,553	2.44%	19,201	19,895	3.49%	20,377	5.77%
Cave Creek HEC-1 Models										
230	11,412	11,412	0.00%	11,412	0.00%	23,421	23,421	0.00%	23,421	0.00%
240	11,415	11,421	0.05%	11,421	0.05%	23,640	23,659	0.08%	23,659	0.08%
250	11,635	11,657	0.19%	11,657	0.19%	24,570	24,651	0.33%	24,651	0.33%
260	11,819	11,853	0.29%	11,852	0.28%	25,316	25,464	0.58%	25,464	0.58%
310	17,457	17,619	0.92%	17,618	0.91%	32,306	32,886	1.76%	32,886	1.76%
390	18,061	18,282	1.21%	18,281	1.20%	32,717	33,326	1.83%	33,326	1.83%
400	19,151	19,750	3.03%	19,750	3.03%	35,430	36,680	3.41%	36,682	3.41%
410	18,852	19,466	3.15%	19,465	3.15%	35,304	36,678	3.75%	36,679	3.75%
509	18,773	19,380	3.13%	19,383	3.15%	35,244	36,605	3.72%	36,606	3.72%
518	20,910	21,236	1.54%	21,516	2.82%	38,930	39,877	2.37%	40,146	3.03%
527	20,449	20,814	1.75%	21,132	3.23%	38,715	39,688	2.45%	40,140	3.55%
528	20,180	20,608	2.08%	21,148	4.58%	39,198	40,324	2.79%	41,302	5.09%

3-3.6 HEC-1 Input and Output Files

A CD-ROM containing the HEC-1 input and output files is provided in a pocket at the end of this report. Read the Readme.txt file first to understand what files are present on the CD-ROM.

Section 3-4: Summary and Conclusions

3-4.1 General

Detailed technical analyses were performed as a basis for development of the Watercourse Master Plan (WCMP). Existing watershed conditions were compared with anticipated future watershed conditions for the purpose of planning, not just build-out in the watershed, but for the transition between existing and future conditions. The technical analyses performed are based on key assumptions regarding the management of the watershed. Successful implementation of the WCMP is therefore contingent upon management of the watershed.

The district plans to coordinate with communities in the WCMP study area to implement the appropriated watershed planning components. This is done as a part of the District's Area Drainage Master Study (ADMS) and Area Drainage Master Plan (ADMP) processes. ADMP's are planned for the Upper Cave Creek and Apache Wash watersheds to address the watershed issues. The key assumptions made for this study regarding management of the watershed are that land managers will:

- Implement the City of Phoenix and Maricopa County's 100-year, 2-hour retention ordinance requirement for zoning classifications with densities greater than 1 unit per acre.

- Preserve the natural watercourse system wherever possible. An ADMP for the watershed should quantify the watercourses to be preserved. If channelization or floodplain encroachment becomes necessary, travel times through the watershed should match existing natural conditions as closely as possible.

- Maintain peak discharges for the 2-year, 10-year, and 100-year storms at or below the future watershed condition levels estimated in the WCMP.

- Maintain the release of future condition runoff volumes to the watercourses from all three storms as closely as possible to the WCMP estimated future watershed condition runoff volumes. This approach is necessary to help meet the goal of minimizing changes to sediment yield, and to support natural riparian vegetation along the watercourses.

- Implement the MAG 1995 General Land Use Plan for the watershed.

Three separate FIS studies were utilized to put this hydrologic study together. These three models constitute the existing condition of the watershed and reflect the starting point for this study. Future condition land use was added to the FIS studies to create the future condition models. Routing was then taken from the alternative analysis performed during this study to create the comparisons for the alternative analysis.

Because ADMPs are planned for Apache Wash and Upper Cave Creek, Tetra Tech Inc. is recommending the implementation of the 100-year, 2-hour retention ordinance requirement for zoning classifications with densities greater than 1 unit per acre. The future condition models in this report as well as the alternatives analyses models assume that no retention or detention is enforced. This tact was taken to prepare models that are tailored to meet the needs of the WCMP. When modeling began, Upper Cave Creek above the Carefree highway was evaluated for actual development. The existing development was found to be mostly larger than 1 unit per acre. If development continues to occur in such a manner, the retention requirement probably would not be implemented within watershed.

The hydrology in this attachment was used as a basis for sediment modeling, preliminary bank protection design, and the estimation of hydraulic parameters. The most conservative estimate of actual projected future watershed conditions was used for that basis. Therefore, the watershed was modeled under the assumption that 100-year, 2-hour retention is not implemented. It is recommended that any implementation

of the retention requirements be done with consideration given to volume management of the watershed. Runoff volume from the watershed should be managed so that the overall existing condition runoff volumes from the watershed for the 2-, 10-, and 100-year storms not be reduced below those listed in Table 3-3-7. This is necessary in order to provide water needed to support the existing riparian vegetation along the study watercourses.

3-4.2 Final Results

The hydrologic analyses accomplished the following goals:

- Hydrology for existing watershed conditions for the 2-, 10- and 100-year recurrence interval storms were established.

- Hydrology for future watershed conditions for the 2-, 10- and 100-year recurrence interval storms were established.

- Estimation of the ponding elevations upstream of Cave Creek Dam and Cave Buttes Dam for the 2-, 10- and 100-year recurrence interval storms were established.

- Testing of alternative watercourse management plans to estimate cumulative impacts on peak discharges in the study area resulting from floodplain encroachments were completed.

In addition to these goals, the 50-year ponding elevation was estimated for the Cave Creek/Cave Buttes Dam area as well.

While reviewing the three existing FIS studies, Tetra Tech Inc. found it necessary to discuss the Willdan model. This study was performed in 1997 and used mapping that is different than is currently available. While reproducing the subbasin boundaries it was noticed that there were errors in boundary locations and that major retention/detention

Section 3-5: References

1. Arizona Department of Transportation, Highway Drainage Manual – Hydrology, March 1993.

2. Flood Control District of Maricopa County, Drainage Design Manual for Maricopa County, Arizona, Volume I: Hydrology, January 1997.

3. Flood Control District of Maricopa County, Drainage Design Manual for Maricopa County, Arizona, Volume II: Hydraulics, January 1996.

4. George V. Sabol Consulting Engineers, Inc. (GVSCE) for the Flood Control District of Maricopa County, FCD 95-28, Cave Creek above Carefree Highway Floodplain Delineation Study, July 1997.

5. Willdan Associates for the Flood Control District of Maricopa County, FCD 95-30, Cave Creek below Carefree Highway Floodplain Delineation Study, June 1997.

6. Jerry R. Jones and Associates, Inc. for the Flood Control District of Maricopa County, FCD 89-66, Apache Wash Flood Insurance Study, August 1992.

Appendix 3-3A:

Rainfall Loss Parameter Calculations

Table 3-3A-1
DTHETA & PSIF Lookup Table
Using XKSAT

Note:
The values in this table are taken from Figure 4.3 of the FCDMC Drainage Design Manual.

XKSAT in/hr (1)	DTHETA Dry (2)	DTHETA Normal (3)	PSIF inches (4)
0.01	0.117	0.050	12.400
0.02	0.174	0.085	11.200
0.03	0.209	0.114	10.100
0.04	0.236	0.139	9.700
0.05	0.259	0.150	8.800
0.06	0.278	0.150	8.400
0.07	0.295	0.150	8.000
0.08	0.311	0.150	7.600
0.09	0.326	0.150	7.300
0.10	0.339	0.141	7.000
0.11	0.352	0.160	6.800
0.12	0.363	0.179	6.600
0.13	0.374	0.199	6.400
0.14	0.385	0.219	6.200
0.15	0.395	0.240	6.000
0.16	0.397	0.250	5.800
0.17	0.390	0.250	5.700
0.18	0.384	0.250	5.600
0.19	0.379	0.250	5.400
0.20	0.373	0.250	5.300
0.21	0.369	0.250	5.200
0.22	0.364	0.250	5.100
0.23	0.360	0.250	5.000
0.24	0.356	0.250	4.900
0.25	0.352	0.250	4.800
0.26	0.350	0.250	4.700
0.27	0.350	0.250	4.650
0.28	0.350	0.250	4.600
0.29	0.350	0.250	4.550
0.30	0.350	0.250	4.500
0.31	0.350	0.250	4.450
0.32	0.350	0.250	4.400
0.33	0.350	0.250	4.350
0.34	0.350	0.250	4.300
0.35	0.350	0.250	4.250
0.36	0.350	0.250	4.200
0.37	0.350	0.250	4.150
0.38	0.350	0.250	4.100
0.39	0.350	0.250	4.000
0.40	0.350	0.249	3.950
0.41	0.350	0.251	3.915
0.42	0.350	0.252	3.880
0.43	0.350	0.253	3.845

Table 3-3A-1
DTHETA & PSIF Lookup Table
Using XKSAT

XKSAT in/hr (1)	DTHETA Dry (2)	DTHETA Normal (3)	PSIF inches (4)
0.44	0.350	0.254	3.810
0.45	0.350	0.254	3.775
0.46	0.350	0.255	3.740
0.47	0.350	0.256	3.705
0.48	0.350	0.257	3.670
0.49	0.350	0.258	3.635
0.50	0.350	0.259	3.600
0.51	0.350	0.260	3.575
0.52	0.350	0.261	3.550
0.53	0.350	0.262	3.525
0.54	0.350	0.262	3.500
0.55	0.350	0.263	3.475
0.56	0.350	0.264	3.450
0.57	0.350	0.265	3.425
0.58	0.350	0.266	3.400
0.59	0.350	0.266	3.375
0.60	0.350	0.267	3.350
0.61	0.350	0.268	3.330
0.62	0.350	0.268	3.310
0.63	0.350	0.269	3.290
0.64	0.350	0.270	3.270
0.65	0.350	0.271	3.250
0.66	0.350	0.271	3.230
0.67	0.350	0.272	3.210
0.68	0.350	0.273	3.190
0.69	0.350	0.273	3.170
0.70	0.350	0.274	3.150
0.71	0.350	0.275	3.130
0.72	0.350	0.275	3.110
0.73	0.350	0.276	3.090
0.74	0.350	0.277	3.070
0.75	0.350	0.277	3.050
0.76	0.350	0.278	3.030
0.77	0.350	0.278	3.010
0.78	0.350	0.279	2.990
0.79	0.350	0.280	2.970
0.80	0.350	0.280	2.950
0.81	0.350	0.281	2.935
0.82	0.350	0.281	2.920
0.83	0.350	0.282	2.905
0.84	0.350	0.282	2.890
0.85	0.350	0.283	2.875
0.86	0.350	0.284	2.860

Table 3-3A-1
DTHETA & PSIF Lookup Table
Using XKSAT

XKSAT in/hr (1)	DTHETA Dry (2)	DTHETA Normal (3)	PSIF inches (4)
0.87	0.350	0.284	2.845
0.88	0.350	0.285	2.830
0.89	0.350	0.285	2.815
0.90	0.350	0.286	2.800
0.91	0.350	0.286	2.785
0.92	0.350	0.287	2.770
0.93	0.350	0.287	2.755
0.94	0.350	0.288	2.740
0.95	0.350	0.288	2.725
0.96	0.350	0.289	2.710
0.97	0.350	0.289	2.695
0.98	0.350	0.290	2.680
0.99	0.350	0.290	2.665
1.00	0.350	0.291	2.650
1.01	0.350	0.291	2.640
1.02	0.350	0.292	2.630
1.03	0.350	0.292	2.620
1.04	0.350	0.293	2.610
1.05	0.350	0.293	2.600
1.06	0.350	0.294	2.590
1.07	0.350	0.294	2.580
1.08	0.350	0.295	2.570
1.09	0.350	0.295	2.560
1.10	0.350	0.295	2.550
1.11	0.350	0.296	2.540
1.12	0.350	0.296	2.530
1.13	0.350	0.297	2.520
1.14	0.350	0.297	2.510
1.15	0.350	0.298	2.500
1.16	0.350	0.298	2.490
1.17	0.350	0.299	2.480
1.18	0.350	0.299	2.470
1.19	0.350	0.299	2.460
1.20	0.350	0.300	2.450

Table 3-3A-2

Rainfall loss characteristics for each soil class in its natural condition

Soil Map Unit (1)	Bare Ground XKSAT in/hr (2)	Natural RTIMP % (3)
103	0.12	0
TES121	0.12	0
126	0.40	15
TES301	0.40	0
303	0.40	15
CA12	0.40	0
73	0.40	0
239	0.40	15
292	0.40	15
300	0.06	0
301	0.06	0
352	0.40	5
381	0.40	0
382	0.40	5
390	0.06	0
391	0.06	0
400	0.06	0
401	0.06	0
402	0.40	5
415	0.40	0
416	0.06	0
417	0.25	10
418	0.40	0
451	0.25	0
452	0.25	10
1	0.41	0
3	0.58	0
6	0.62	0
8	0.96	0
12	0.01	0
22	0.04	0
24	0.02	0
26	0.01	0
28	0.02	0
31	0.33	15
33	0.23	0
34	0.23	0
40	0.17	0
41	0.17	0
44	0.03	0
61	0.15	0

Table 3-3A-2

Rainfall loss characteristics for each soil class in its natural condition

Soil Map Unit (1)	Bare Ground XKSAT in/hr (2)	Natural RTIMP % (3)
63	0.14	10
66	0.23	0
72	0.09	15
77	0.05	0
93	0.33	0
95	0.04	0
96	0.07	0
98	0.37	0
104	0.14	30
110	0.13	0
112	0.39	0
118	0.42	0
121	0.12	0

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

1	Soil Map Unit No. ...	44	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	96.8	172.0	270.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.03	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.14
PSIF = 6.20
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.22
RTIMP avg. = 0.00 %
Veg. Cover avg. = 33.21 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.8429

2	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	20.7	704.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.1328

10	Soil Map Unit No. ...	12	41	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	5.1	208.0	354.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	*0.01*	*0.17*	*0.23*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	30%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 33.12 %
IA avg. = 0.28

Total Sub Basin Area in sq. miles = 0.8874

11	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	4.1	842.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	*0.15*	*0.23*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.3235

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

12	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	393.5	869.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.9727

13	Soil Map Unit No. ...	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	106.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.1657

14	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	576.8	247.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.17
PSIF = 5.70
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.2876

20	Soil Map Unit No. ...	12	41	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	60.5	312.1	52.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.17	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	30%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.12
PSIF = 6.60
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.18
RTIMP avg. = 0.00 %
Veg. Cover avg. = 30.62 %
IA avg. = 0.19

Total Sub Basin Area in sq. miles = 0.6645

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

21	Soil Map Unit No. ...	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	317.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.4966

22	Soil Map Unit No. ...	12	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	1.6	328.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 34.98 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.5160

23	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	259.8	870.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.7651

24	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	386.1	1522.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 2.9826

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

25	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	477.0	246.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.17
PSIF = 5.70
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.1307

30	Soil Map Unit No. ...	41	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	44.1	189.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.17	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.22
PSIF = 5.10
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 34.06 %
IA avg. = 0.31

Total Sub Basin Area in sq. miles = 0.3643

40	Soil Map Unit No. ...	41	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	3.9	118.4	199.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.17	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 34.94 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.5035

41	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	72.9	495.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.22
PSIF = 5.10
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.8879

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

42	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	4.9	44.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.22
PSIF = 5.10
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.0763

43	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	199.2	672.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.3620

44	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	95.6	294.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.6095

50	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	3.6	709.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.1141

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

60	Soil Map Unit No. ...	41	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	257.7	53.5	25.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.17	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.17
PSIF = 5.70
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 31.18 %
IA avg. = 0.20

Total Sub Basin Area in sq. miles = 0.5265

70	Soil Map Unit No. ...	41	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	11.8	620.3	857.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.17	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.19
PSIF = 5.40
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 34.96 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 2.3274

80	Soil Map Unit No. ...	61	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	143.8	677.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.15	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 35.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.2832

D	Soil Map Unit No. ...	12	41	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	339.0	8.9	395.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.17	0.15	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	30%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.04
PSIF = 9.70
DTHETA (Dry) = 0.24
DTHETA (Normal) = 0.14
RTIMP avg. = 0.00 %
Veg. Cover avg. = 32.66 %
IA avg. = 0.30

Total Sub Basin Area in sq. miles = 1.1820

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

E	Soil Map Unit No. ...	12	41	33	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	350.9	172.8	138.8	233.5	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.17	0.23	0.62	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	30%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.15	0.35	0.15	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.08
PSIF = 7.60
DTHETA (Dry) = 0.31
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 30.77 %
IA avg. = 0.22

Total Sub Basin Area in sq. miles = 1.4001

F	Soil Map Unit No. ...	12	41	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	1054.0	183.3	562.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.17	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	30%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.04
PSIF = 9.70
DTHETA (Dry) = 0.24
DTHETA (Normal) = 0.14
RTIMP avg. = 0.00 %
Veg. Cover avg. = 31.56 %
IA avg. = 0.27

Total Sub Basin Area in sq. miles = 2.8113

G	Soil Map Unit No. ...	41	44	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	0.8	45.1	273.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.17	0.03	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	25%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.17
PSIF = 5.70
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 33.58 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.4991

1210	Soil Map Unit No. ...	6	33	63	96	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	16.0	591.6	147.3	60.3	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.62	0.23	0.14	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	10%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 1.81 %
Veg. Cover avg. = 34.53 %
IA avg. = 0.33

Total Sub Basin Area in sq. miles = 1.2737

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

1215																		
Soil Map Unit No. ...	6	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	0.4	138.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 34.99 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.2175

1220																	
Soil Map Unit No. ...	6	33	61	93	96	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	59.3	336.8	3.8	30.1	24.2	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.15	0.33	0.07	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	35%	30%	30%	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.25
PSIF = 4.80
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 33.75 %
IA avg. = 0.31

Total Sub Basin Area in sq. miles = 0.7095

1230																	
Soil Map Unit No. ...	6	33	61	63	93	96	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	55.0	121.0	201.4	12.1	9.6	2.7	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.15	0.14	0.33	0.07	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	10%	0%	0%	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	35%	35%	30%	30%	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	0.25	0.15	0.35	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.30 %
Veg. Cover avg. = 34.16 %
IA avg. = 0.31

Total Sub Basin Area in sq. miles = 0.6278

1240																	
Soil Map Unit No. ...	6	33	61	63	96	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	*26.5*	*121.4*	*50.2*	*9.0*	*47.2*	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.15	0.14	0.07	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	10%	0%	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	35%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.18
PSIF = 5.60
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.36 %
Veg. Cover avg. = 33.55 %
IA avg. = 0.33

Total Sub Basin Area in sq. miles = 0.3974

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

1340																		
Soil Map Unit No. ...	6	33	61	63	96	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	4.5	376.0	508.1	34.8	79.6	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.15	0.14	0.07	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	10%	0%	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	35%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.17
PSIF = 5.70
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.25
RTIMP avg. = 0.35 %
Veg. Cover avg. = 34.58 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 1.5672

1360																	
Soil Map Unit No. ...	33	61	63	96	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	335.3	12.0	87.0	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.23	0.15	0.14	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	10%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	35%	35%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.35	0.35	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 1.98 %
Veg. Cover avg. = 34.94 %
IA avg. = 0.33

Total Sub Basin Area in sq. miles = 0.6872

3000																	
Soil Map Unit No. ...	6	33	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	7.4	103.7	135.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.12
PSIF = 6.60
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.18
RTIMP avg. = 0.00 %
Veg. Cover avg. = 32.11 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.3846

3010																	
Soil Map Unit No. ...	33	44	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	22.1	3.6	78.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.23	0.03	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	35%	25%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.09
PSIF = 7.30
DTHETA (Dry) = 0.33
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 30.89 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.1630

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3020																	
Soil Map Unit No. ...	6	33	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	0.4	162.3	35.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.19
PSIF = 5.40
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 34.09 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.3099

3030																	
Soil Map Unit No. ...	33	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	119.4	23.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.23	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.19
PSIF = 5.40
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 34.18 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.2231

3040																	
Soil Map Unit No. ...	33	44	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	22.7	27.5	26.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.23	0.03	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	35%	25%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.07
PSIF = 8.00
DTHETA (Dry) = 0.30
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 29.69 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.1190

3045																	
Soil Map Unit No. ...	6	33	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	15.0	94.4	47.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.18
PSIF = 5.60
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 33.01 %
IA avg. = 0.33

Total Sub Basin Area in sq. miles = 0.2452

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3050	Soil Map Unit No. ...	33	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	144.4	71.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.27
PSIF = 4.65
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 31.70 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.3370

3060	Soil Map Unit No. ...	33	44	96	98	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	74.2	9.2	1.1	162.2	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	0.03	0.07	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	25%	30%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.29
PSIF = 4.55
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 28.03 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.3856

3070	Soil Map Unit No. ...	12	44	96	110	112	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	27.2	70.8	51.8	20.2	14.3	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.03	0.07	0.13	0.39	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	25%	30%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.35	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.05
PSIF = 8.80
DTHETA (Dry) = 0.26
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 27.14 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.2878

3080	Soil Map Unit No. ...	3	12	96	98	110	112	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	5.7	267.6	22.8	2.0	30.7	43.8	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.01	0.07	0.37	0.13	0.39	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	30%	30%	25%	25%	25%	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.25	0.35	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.02
PSIF = 11.20
DTHETA (Dry) = 0.17
DTHETA (Normal) = 0.08
RTIMP avg. = 0.00 %
Veg. Cover avg. = 28.90 %
IA avg. = 0.28

Total Sub Basin Area in sq. miles = 0.5821

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3085	Soil Map Unit No. ...	3	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	41.0	11.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.53
PSIF = 3.53
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.26
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.0813

3090	Soil Map Unit No. ...	12	44	98	110	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	12.2	63.8	200.4	0.9	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.03	0.37	0.13	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	25%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.18
PSIF = 5.60
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.22 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.4334

3100	Soil Map Unit No. ...	3	12	44	110	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	108.9	96.8	0.2	159.7	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.01	0.03	0.13	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	30%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.25	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.10
PSIF = 7.00
DTHETA (Dry) = 0.34
DTHETA (Normal) = 0.14
RTIMP avg. = 0.00 %
Veg. Cover avg. = 26.32 %
IA avg. = 0.32

Total Sub Basin Area in sq. miles = 0.5713

3120	Soil Map Unit No. ...	3	12	44	98	110	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	13.5	36.3	197.8	33.5	120.1	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.01	0.03	0.37	0.13	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	30%	25%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.25	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.06
PSIF = 8.40
DTHETA (Dry) = 0.28
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.45 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.6270

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3125	Soil Map Unit No. ...	6	33	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	19.2	224.7	49.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.62	0.23	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 33.83 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.4579

3130	Soil Map Unit No. ...	33	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	45.7	89.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.31
PSIF = 4.45
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 28.39 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.2109

3135	Soil Map Unit No. ...	33	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	19.1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	35%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.28
PSIF = 4.60
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 30.73 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.0521

3140	Soil Map Unit No. ...	12	44	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	36.2	32.4	212.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.03	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.17
PSIF = 5.70
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.64 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.4395

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3150																		
Soil Map Unit No. ...	3	12	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	125.0	96.3	147.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.58	0.01	0.13	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	25%	30%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.35	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.11
PSIF = 6.80
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.16
RTIMP avg. = 0.00 %
Veg. Cover avg. = 26.31 %
IA avg. = 0.32

Total Sub Basin Area in sq. miles = 0.5755

3160																	
Soil Map Unit No. ...	33	96	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	174.5	58.1	32.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.23	0.07	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	35%	30%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.19
PSIF = 5.40
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 32.69 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.4135

3170																	
Soil Map Unit No. ...	6	33	44	96	98	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	20.2	87.5	6.3	2.6	142.3	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.23	0.03	0.07	0.37	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	35%	25%	30%	25%	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.15	0.35	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.30
PSIF = 4.50
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 28.82 %
IA avg. = 0.33

Total Sub Basin Area in sq. miles = 0.4042

3180																	
Soil Map Unit No. ...	12	44	98	110	118	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	22.9	141.2	63.0	11.9	33.4	---	---	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.01	0.03	0.37	0.13	0.42	---	---	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	30%	25%	25%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	0.25	0.35	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.07
PSIF = 8.00
DTHETA (Dry) = 0.30
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.42 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.4255

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3190	Soil Map Unit No. ...	6	33	63	96	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	51.7	156.7	10.9	85.5	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.62	0.23	0.14	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	10%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	35%	30%	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.19
PSIF = 5.40
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.36 %
Veg. Cover avg. = 32.75 %
IA avg. = 0.31

Total Sub Basin Area in sq. miles = 0.4763

3200	Soil Map Unit No. ...	6	33	44	96	98	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	68.5	42.3	1.7	255.8	50.7	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.62	0.23	0.03	0.07	0.37	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	35%	25%	30%	25%	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.15	0.35	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.14
PSIF = 6.20
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.22
RTIMP avg. = 0.00 %
Veg. Cover avg. = 29.88 %
IA avg. = 0.32

Total Sub Basin Area in sq. miles = 0.6547

3210	Soil Map Unit No. ...	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	66.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.37
PSIF = 4.15
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.1032

3220A	Soil Map Unit No. ...	44	98	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	*2.2*	133.0	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.03	0.37	0.42	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.36
PSIF = 4.20
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.2414

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3220B	Soil Map Unit No. ...	1	112	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	6.7	12.4	232.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.41	0.39	0.42	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.42
PSIF = 3.88
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.3928

3230	Soil Map Unit No. ...	1	3	12	110	112	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	40.7	63.2	21.6	79.9	22.8	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.41	0.58	0.01	0.13	0.39	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	25%	30%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	0.25	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.47 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.3567

3240	Soil Map Unit No. ...	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	48.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.37
PSIF = 4.15
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.0749

3250A	Soil Map Unit No. ...	98	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	48.9	4.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.37	0.42	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.37
PSIF = 4.15
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.0830

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

3250B	Soil Map Unit No. ...	12	112	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	12.0	62.3	128.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.39	0.42	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	30%	25%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.25	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.33
PSIF = 4.35
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.29 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.3172

4510	Soil Map Unit No. ...	3	12	44	77	98	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	270.6	341.9	314.0	39.8	13.7	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.01	0.03	0.05	0.37	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	30%	25%	30%	25%	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.25	0.35	0.35	0.35	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.05
PSIF = 8.80
DTHETA (Dry) = 0.26
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 26.95 %
IA avg. = 0.32

Total Sub Basin Area in sq. miles = 1.5313

4520	Soil Map Unit No. ...	3	12	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	166.3	30.4	227.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.01	0.03	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	30%	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	0.25	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.09
PSIF = 7.30
DTHETA (Dry) = 0.33
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.36 %
IA avg. = 0.34

Total Sub Basin Area in sq. miles = 0.6621

4530	Soil Map Unit No. ...	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	35.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	25%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.58
PSIF = 3.40
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.27
RTIMP avg. = 0.00 %
Veg. Cover avg. = 25.00 %
IA avg. = 0.35

Total Sub Basin Area in sq. miles = 0.0552

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S110L																	
Soil Map Unit No. ...	73	352	390	391	400	401	402	415	417	418	452	0	0	0	0	0	0
Sub-Area (acres) ...	24.7	572.4	464.8	249.4	1253.7	1268.0	1642.3	313.2	272.0	11.8	709.5	---	---	---	---	---	---
XKSAT (bare ground) ...	0.40	0.40	0.06	0.06	0.06	0.06	0.40	0.40	0.25	0.40	0.25	---	---	---	---	---	---
RTIMP (rock) ...	0%	5%	0%	0%	0%	0%	5%	0%	10%	0%	10%	---	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.15
PSIF = 6.00
DTHETA (Dry) = 0.40
DTHETA (Normal) = 0.24
RTIMP avg. = 3.08 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 10.5965

S110R																	
Soil Map Unit No. ...	73	126	303	381	382	400	401	402	417	451	452	TES121	0	0	0	0	0
Sub-Area (acres) ...	47.4	3130.5	22.5	158.6	53.4	1741.4	1123.5	2939.3	254.0	263.3	613.8	1130.5	---	---	---	---	---
XKSAT (bare ground) ...	0.40	0.40	0.40	0.40	0.40	0.06	0.06	0.40	0.25	0.25	0.25	0.12	---	---	---	---	---
RTIMP (rock) ...	0%	15%	15%	0%	5%	0%	0%	5%	10%	0%	10%	0%	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.21
PSIF = 5.20
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 6.18 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 17.9347

S120																	
Soil Map Unit No. ...	73	126	303	352	390	391	400	401	402	416	451	452	0	0	0	0	0
Sub-Area (acres) ...	16.0	3.8	337.1	1137.8	189.2	88.6	9.1	14.7	548.1	33.4	336.0	341.4	---	---	---	---	---
XKSAT (bare ground) ...	0.40	0.40	0.40	0.40	0.06	0.06	0.06	0.06	0.40	0.06	0.25	0.25	---	---	---	---	---
RTIMP (rock) ...	0%	15%	15%	5%	0%	0%	0%	0%	5%	0%	0%	10%	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.29
PSIF = 4.55
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 5.55 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 4.7739

S130																	
Soil Map Unit No. ...	73	239	352	381	382	390	391	400	401	402	416	417	451	452	0	0	0
Sub-Area (acres) ...	47.4	70.4	66.7	0.6	3.2	16.1	38.5	17.1	177.9	190.6	149.9	255.2	233.3	575.1	---	---	---
XKSAT (bare ground) ...	0.40	0.40	0.40	0.40	0.40	0.06	0.06	0.06	0.06	0.40	0.06	0.25	0.25	0.25	---	---	---
RTIMP (rock) ...	0%	15%	5%	0%	5%	0%	0%	0%	0%	5%	0%	10%	0%	10%	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 5.79 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 2.8783

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S140	Soil Map Unit No. ...	73	239	381	382	401	402	451	452	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	6.9	33.1	284.4	515.1	116.6	15.2	28.7	175.5	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.40	0.40	0.40	0.40	0.06	0.40	0.25	0.25	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	15%	0%	5%	0%	5%	0%	10%	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.31
PSIF = 4.45
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 4.17 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 1.8367

S150	Soil Map Unit No. ...	73	239	381	382	451	452	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	24.0	374.1	3.4	16.8	6.7	256.5	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.40	0.40	0.40	0.40	0.25	0.25	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	15%	0%	5%	0%	10%	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.33
PSIF = 4.35
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 12.12 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 1.0648

S150R	Soil Map Unit No. ...	73	239	381	382	390	452	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	0.7	445.3	182.9	305.1	33.8	308.7	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.40	0.40	0.40	0.40	0.06	0.25	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	15%	0%	5%	0%	10%	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.34
PSIF = 4.30
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 8.85 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 1.9946

S160	Soil Map Unit No. ...	73	239	292	352	381	390	391	417	451	452	0	0	0	0	0	0	0
	Sub-Area (acres) ...	2.7	62.5	1.0	227.5	100.6	112.1	22.1	19.2	103.6	176.8	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.40	0.40	0.40	0.40	0.40	0.06	0.06	0.25	0.25	0.25	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	15%	15%	5%	0%	0%	0%	10%	0%	10%	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.25
PSIF = 4.80
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 4.89 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 1.2938

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S170	Soil Map Unit No. ...	73	239	301	390	417	452	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	31.8	155.5	16.5	221.8	103.1	55.8	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.40	0.40	0.06	0.06	0.25	0.25	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	15%	0%	0%	10%	10%	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.16
PSIF = 5.80
DTHETA (Dry) = 0.40
DTHETA (Normal) = 0.25
RTIMP avg. = 6.71 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.9134

S170R	Soil Map Unit No. ...	103	126	239	300	381	382	390	391	400	401	402	451	452	0	0	0	0
	Sub-Area (acres) ...	43.7	1.7	565.2	27.3	147.0	291.9	2.7	101.9	5.5	31.4	71.7	43.0	853.8	---	---	---	---
	XKSAT (bare ground) ...	0.12	0.40	0.40	0.06	0.40	0.40	0.06	0.06	0.06	0.06	0.40	0.25	0.25	---	---	---	---
	RTIMP (rock) ...	0%	15%	15%	0%	0%	5%	0%	0%	0%	0%	5%	0%	10%	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.28
PSIF = 4.60
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 8.62 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 3.4168

S180	Soil Map Unit No. ...	73	103	126	239	292	300	301	352	381	390	391	401	402	416	417	452	0
	Sub-Area (acres) ...	21.0	9.2	0.6	2.2	250.0	467.3	338.2	332.5	9.3	72.3	41.3	84.8	331.3	83.1	76.1	314.7	---
	XKSAT (bare ground) ...	0.40	0.12	0.40	0.40	0.40	0.06	0.06	0.40	0.40	0.06	0.06	0.06	0.40	0.06	0.25	0.25	---
	RTIMP (rock) ...	0%	0%	15%	15%	15%	0%	0%	5%	0%	0%	0%	0%	5%	0%	10%	10%	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.16
PSIF = 5.80
DTHETA (Dry) = 0.40
DTHETA (Normal) = 0.25
RTIMP avg. = 4.53 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 3.8030

S190L	Soil Map Unit No. ...	103	239	292	300	301	352	416	CA12	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	0.1	5.4	10.7	522.6	509.0	648.2	2.9	102.2	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.12	0.40	0.40	0.06	0.06	0.40	0.06	0.40	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	15%	15%	0%	0%	5%	0%	0%	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.13
PSIF = 6.40
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.20
RTIMP avg. = 1.93 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 2.8141

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S190R

Soil Map Unit No. ...	73	103	126	239	292	300	301	352	391	CA12	0	0	0	0	0	0	0
Sub-Area (acres) ...	5.3	295.7	304.6	284.4	475.0	311.1	543.7	462.3	90.9	23.5	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.40	0.12	0.40	0.40	0.40	0.06	0.06	0.40	0.06	0.40	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	15%	15%	15%	0%	0%	5%	0%	0%	---	---	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.19
PSIF = 5.40
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 6.53 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 4.3697

S200

Soil Map Unit No. ...	8	12	34	61	63	103	126	292	300	301	303	352	CA12	0	0	0	0
Sub-Area (acres) ...	3.4	1.5	0.5	20.0	0.6	157.6	578.5	274.4	112.6	469.6	541.2	343.0	24.2	---	---	---	---
XKSAT (bare ground) ...	0.96	0.01	0.23	0.15	0.14	0.12	0.40	0.40	0.06	0.06	0.40	0.40	0.40	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	0%	10%	0%	15%	15%	0%	0%	15%	5%	0%	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.24
PSIF = 4.90
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.25
RTIMP avg. = 8.96 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 3.9485

S210

Soil Map Unit No. ...	8	31	33	34	61	63	72	103	104	126	300	301	303	352	401	402	452
Sub-Area (acres) ...	32.2	918.4	11.3	62.4	59.8	95.0	1267.1	303.7	17.9	937.8	3.6	1.3	2840.8	11.3	43.4	14.5	0.2
XKSAT (bare ground) ...	0.96	0.33	0.23	0.23	0.15	0.14	0.09	0.12	0.14	0.40	0.06	0.06	0.40	0.40	0.06	0.40	0.25
RTIMP (rock) ...	0%	15%	0%	0%	0%	10%	15%	0%	30%	15%	0%	0%	15%	5%	0%	5%	10%
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.27
PSIF = 4.65
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 13.76 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 10.3448

S220

Soil Map Unit No. ...	8	12	26	31	33	34	61	63	72	103	126	303	0	0	0	0	0
Sub-Area (acres) ...	76.2	2.9	13.9	17.5	2.8	56.5	0.3	34.5	1033.8	1.1	240.6	846.2	---	---	---	---	---
XKSAT (bare ground) ...	0.96	0.01	0.01	0.33	0.23	0.23	0.15	0.14	0.09	0.12	0.40	0.40	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	15%	0%	0%	0%	10%	15%	0%	15%	15%	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.20
PSIF = 5.30
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.25
RTIMP avg. = 13.93 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 3.6349

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S230	Soil Map Unit No. ...	8	26	31	34	66	72	96	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	78.6	37.2	13.3	80.4	55.5	885.9	26.0	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.96	0.01	0.33	0.23	0.23	0.09	0.07	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	15%	0%	0%	15%	0%	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.11
PSIF = 6.80
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.16
RTIMP avg. = 11.46 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 1.8388

S240	Soil Map Unit No. ...	8	26	33	34	66	72	93	95	96	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	37.5	165.1	56.8	110.7	495.3	655.3	24.7	126.4	9.3	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.96	0.01	0.23	0.23	0.23	0.09	0.33	0.04	0.07	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	15%	0%	0%	0%	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.11
PSIF = 6.80
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.16
RTIMP avg. = 5.85 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 2.6267

S250	Soil Map Unit No. ...	8	26	31	33	34	63	66	72	93	95	96	104	121	0	0	0	0
	Sub-Area (acres) ...	66.0	467.0	781.9	307.4	249.5	295.1	375.0	1011.1	52.7	22.0	86.1	33.9	19.8	---	---	---	---
	XKSAT (bare ground) ...	0.96	0.01	0.33	0.23	0.23	0.14	0.23	0.09	0.33	0.04	0.07	0.14	0.12	---	---	---	---
	RTIMP (rock) ...	0%	0%	15%	0%	0%	10%	0%	15%	0%	0%	0%	30%	0%	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.12
PSIF = 6.60
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.18
RTIMP avg. = 8.19 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 5.8865

S260L	Soil Map Unit No. ...	8	12	26	33	34	63	66	72	93	96	104	0	0	0	0	0	0
	Sub-Area (acres) ...	150.6	4.4	2.9	646.2	141.9	160.1	0.0	476.8	51.3	102.1	683.7	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.96	0.01	0.01	0.23	0.23	0.14	0.23	0.09	0.33	0.07	0.14	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	10%	0%	15%	0%	0%	30%	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.17
PSIF = 5.70
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.25
RTIMP avg. = 12.09 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 3.7813

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S260R

Soil Map Unit No. ...	8	26	33	34	72	93	96	0	0	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	65.4	50.9	30.9	84.7	814.5	5.3	3.0	---	---	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.96	0.01	0.23	0.23	0.09	0.33	0.07	---	---	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	0%	15%	0%	0%	---	---	---	---	---	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.10
PSIF = 7.00
DTHETA (Dry) = 0.34
DTHETA (Normal) = 0.14
RTIMP avg. = 11.58 %
Veg. Cover avg. = --- %
IA avg. = —

Total Sub Basin Area in sq. miles = 1.6479

S270

Soil Map Unit No. ...	6	8	26	34	41	72	93	104	303	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	41.1	72.4	31.4	157.6	69.8	1378.3	3.6	613.2	744.9	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.62	0.96	0.01	0.23	0.17	0.09	0.33	0.14	0.40	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	0%	0%	15%	0%	30%	15%	---	---	---	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.16
PSIF = 5.80
DTHETA (Dry) = 0.40
DTHETA (Normal) = 0.25
RTIMP avg. = 16.14 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 4.8832

S280

Soil Map Unit No. ...	8	34	41	63	72	93	104	303	TES301	0	0	0	0	0	0	0	0
Sub-Area (acres) ...	115.6	6.0	232.2	307.6	638.1	98.3	51.4	699.8	1647.9	---	---	---	---	---	---	---	---
XKSAT (bare ground) ...	0.96	0.23	0.17	0.14	0.09	0.33	0.14	0.40	0.40	---	---	---	---	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	10%	15%	0%	30%	15%	0%	---	---	---	---	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.27
PSIF = 4.65
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.25
RTIMP avg. = 6.50 %
Veg. Cover avg. = --- %
IA avg. = —

Total Sub Basin Area in sq. miles = 5.9326

S290

Soil Map Unit No. ...	6	24	28	33	34	40	41	63	72	93	96	121	TES301	0	0	0	0
Sub-Area (acres) ...	291.9	15.7	6.9	383.7	293.9	465.9	742.7	51.9	74.2	286.1	590.7	6.4	1678.9	---	---	---	---
XKSAT (bare ground) ...	0.62	0.02	0.02	0.23	0.23	0.17	0.17	0.14	0.09	0.33	0.07	0.12	0.40	---	---	---	---
RTIMP (rock) ...	0%	0%	0%	0%	0%	0%	0%	10%	15%	0%	0%	0%	0%	---	---	---	---
Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.23
PSIF = 5.00
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.33 %
Veg. Cover avg. = — %
IA avg. = —

Total Sub Basin Area in sq. miles = 7.6391

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S310	Soil Map Unit No. ...	6	8	12	26	33	34	41	72	93	96	121	0	0	0	0	0	0
	Sub-Area (acres) ...	101.2	194.5	13.8	172.4	155.6	654.2	77.1	10.1	97.7	39.9	11.2	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.62	0.96	0.01	0.01	0.23	0.23	0.17	0.09	0.33	0.07	0.12	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	0%	0%	15%	0%	0%	0%	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.19
PSIF = 5.40
DTHETA (Dry) = 0.38
DTHETA (Normal) = 0.25
RTIMP avg. = 0.10 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 2.3871

S320	Soil Map Unit No. ...	12	61	63	72	93	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	3.8	171.6	57.5	19.5	38.4	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.15	0.14	0.09	0.33	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	10%	15%	0%	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.15
PSIF = 6.00
DTHETA (Dry) = 0.40
DTHETA (Normal) = 0.24
RTIMP avg. = 2.98 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.4542

S330	Soil Map Unit No. ...	12	33	61	72	93	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	35.3	2.0	14.5	17.6	35.2	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.23	0.15	0.09	0.33	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	15%	0%	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.07
PSIF = 8.00
DTHETA (Dry) = 0.30
DTHETA (Normal) = 0.15
RTIMP avg. = 2.53 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.1635

S340L	Soil Map Unit No. ...	33	61	63	72	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	6.9	47.8	84.0	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	0.15	0.14	0.09	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	10%	15%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.14
PSIF = 6.20
DTHETA (Dry) = 0.39
DTHETA (Normal) = 0.22
RTIMP avg. = 6.92 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.2401

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S340R	Soil Map Unit No. ...	12	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	3.6	37.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.12
PSIF = 6.60
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.18
RTIMP avg. = 0.00 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.0648

S350	Soil Map Unit No. ...	28	33	61	63	72	93	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	3.9	21.5	38.3	8.8	18.6	11.7	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.02	0.23	0.15	0.14	0.09	0.33	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	10%	15%	0%	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.15
PSIF = 6.00
DTHETA (Dry) = 0.40
DTHETA (Normal) = 0.24
RTIMP avg. = 3.57 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.1607

S360	Soil Map Unit No. ...	28	33	61	63	72	93	96	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	9.8	18.6	113.4	140.8	84.1	2.5	0.9	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.02	0.23	0.15	0.14	0.09	0.33	0.07	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	10%	15%	0%	0%	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.13
PSIF = 6.40
DTHETA (Dry) = 0.37
DTHETA (Normal) = 0.20
RTIMP avg. = 7.21 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.5782

S370	Soil Map Unit No. ...	26	28	33	34	61	72	93	96	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	3.2	4.2	15.0	11.2	8.9	20.5	30.8	124.4	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.01	0.02	0.23	0.23	0.15	0.09	0.33	0.07	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	15%	0%	0%	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.10
PSIF = 7.00
DTHETA (Dry) = 0.34
DTHETA (Normal) = 0.14
RTIMP avg. = 1.41 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.3411

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S380	Soil Map Unit No. ...	33	72	93	96	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	23.4	218.7	9.7	13.9	---	---	---	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.23	0.09	0.33	0.07	---	---	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	15%	0%	0%	---	---	---	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.10
PSIF = 7.00
DTHETA (Dry) = 0.34
DTHETA (Normal) = 0.14
RTIMP avg. = 12.35 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.4153

S390	Soil Map Unit No. ...	8	26	33	34	72	93	96	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	14.2	37.7	14.7	7.9	31.9	74.3	41.5	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.96	0.01	0.23	0.23	0.09	0.33	0.07	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	15%	0%	0%	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.12
PSIF = 6.60
DTHETA (Dry) = 0.36
DTHETA (Normal) = 0.18
RTIMP avg. = 2.15 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 0.3472

S400L	Soil Map Unit No. ...	3	6	12	33	34	44	61	63	72	93	96	110	0	0	0	0	0
	Sub-Area (acres) ...	24.8	175.1	28.7	1012.6	1.1	8.3	739.1	166.7	624.7	43.1	386.6	5.6	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.62	0.01	0.23	0.23	0.03	0.15	0.14	0.09	0.33	0.07	0.13	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	0%	0%	10%	15%	0%	0%	0%	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.15
PSIF = 6.00
DTHETA (Dry) = 0.40
DTHETA (Normal) = 0.24
RTIMP avg. = 3.43 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 5.0257

S400	Soil Map Unit No. ...	3	8	12	33	34	72	93	96	121	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	90.2	73.4	55.3	174.7	23.9	1459.4	7.5	53.3	19.8	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.96	0.01	0.23	0.23	0.09	0.33	0.07	0.12	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	15%	0%	0%	0%	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.11
PSIF = 6.80
DTHETA (Dry) = 0.35
DTHETA (Normal) = 0.16
RTIMP avg. = 11.18 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 3.0586

Table 3-3A-3
Worksheet
Soils, Vegetation Cover, and RTIMP for rainfall losses by Green & Ampt method for each subbasin

S410	Soil Map Unit No. ...	3	12	33	44	96	98	110	0	0	0	0	0	0	0	0	0	0
	Sub-Area (acres) ...	140.2	113.8	28.7	105.4	388.4	29.2	31.4	---	---	---	---	---	---	---	---	---	---
	XKSAT (bare ground) ...	0.58	0.01	0.23	0.03	0.07	0.37	0.13	---	---	---	---	---	---	---	---	---	---
	RTIMP (rock) ...	0%	0%	0%	0%	0%	0%	0%	---	---	---	---	---	---	---	---	---	---
	Vegetation Cover ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	IA (natural only) ...	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

XKSAT log avg (bare ground) = 0.08
PSIF = 7.60
DTHETA (Dry) = 0.31
DTHETA (Normal) = 0.15
RTIMP avg. = 0.00 %
Veg. Cover avg. = --- %
IA avg. = ---

Total Sub Basin Area in sq. miles = 1.3078

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

1	Land Use ID ...	MDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	96.8	172.0	270.6	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	30%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	35%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.18	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 31.9 %
Developed Area = 68.1 %

RTIMP (Dev.) avg. = 10.40 %
Veg Cover (Dev.) avg. = 19.83 %
IA (Dev.) avg. = 0.17

Total Sub Basin Area in sq. miles = 0.8429

2	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	20.7	704.2	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 2.9 %
Developed Area = 97.1 %

RTIMP (Dev.) avg. = 9.71 %
Veg Cover (Dev.) avg. = 26.23 %
IA (Dev.) avg. = 0.26

Total Sub Basin Area in sq. miles = 1.1328

10	*Land Use ID ...*	*C*	*LDR*	*VLDR*	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	5.1	208.0	354.8	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.27	---	---	---	---	---	---	---	---	---

***Natural Area* = 0.0 %**
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 14.30 %
Veg Cover (Dev.) avg. = 31.65 %
IA (Dev.) avg. = 0.26

Total Sub Basin Area in sq. miles = 0.8874

11	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	4.1	842.9	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.5 %
Developed Area = 99.5 %

RTIMP (Dev.) avg. = 9.95 %
Veg Cover (Dev.) avg. = 26.87 %
IA (Dev.) avg. = 0.27

Total Sub Basin Area in sq. miles = 1.3235

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

12													
Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	393.5	869.0	---	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 31.2 %
Developed Area = 68.8 %

RTIMP (Dev.) avg. = 6.88 %
Veg Cover (Dev.) avg. = 18.59 %
IA (Dev.) avg. = 0.19

Total Sub Basin Area in sq. miles = 1.9727

13												
Land Use ID ...	VLDR	0	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	---	---	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	106.1	---	---	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	10%	---	---	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	27%	---	---	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.27	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 10.00 %
Veg Cover (Dev.) avg. = 27.00 %
IA (Dev.) avg. = 0.27

Total Sub Basin Area in sq. miles = 0.1657

14												
Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	576.8	247.3	---	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 70.0 %
Developed Area = 30.0 %

RTIMP (Dev.) avg. = 3.00 %
Veg Cover (Dev.) avg. = 8.10 %
IA (Dev.) avg. = 0.08

Total Sub Basin Area in sq. miles = 1.2876

20												
Land Use ID ...	C	LDR	VLDR	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	60.5	312.1	52.8	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	80%	20%	10%	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	15%	40%	27%	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.02	0.24	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 27.29 %
Veg Cover (Dev.) avg. = 34.83 %
IA (Dev.) avg. = 0.21

Total Sub Basin Area in sq. miles = 0.6645

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

21	Land Use ID ...	VLDR	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	317.8	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	10%	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	27%	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.27	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 10.00 %
Veg Cover (Dev.) avg. = 27.00 %
IA (Dev.) avg. = 0.27

Total Sub Basin Area in sq. miles = 0.4966

22	Land Use ID ...	C	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	1.6	328.7	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 10.33 %
Veg Cover (Dev.) avg. = 26.94 %
IA (Dev.) avg. = 0.27

Total Sub Basin Area in sq. miles = 0.5160

23	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	259.6	870.0	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 23.0 %
Developed Area = 77.0 %

RTIMP (Dev.) avg. = 7.70 %
Veg Cover (Dev.) avg. = 20.79 %
IA (Dev.) avg. = 0.21

Total Sub Basin Area in sq. miles = 1.7651

24	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	386.1	1522.8	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 20.2 %
Developed Area = 79.8 %

RTIMP (Dev.) avg. = 7.98 %
Veg Cover (Dev.) avg. = 21.54 %
IA (Dev.) avg. = 0.22

Total Sub Basin Area in sq. miles = 2.9826

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

25	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	477.0	246.6	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 65.9 %
Developed Area = 34.1 %

RTIMP (Dev.) avg. = 3.41 %
Veg Cover (Dev.) avg. = 9.20 %
IA (Dev.) avg. = 0.09

Total Sub Basin Area in sq. miles = 1.1307

30	Land Use ID ...	LDR	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	44.1	189.1	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 11.89 %
Veg Cover (Dev.) avg. = 29.46 %
IA (Dev.) avg. = 0.26

Total Sub Basin Area in sq. miles = 0.3643

40	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	3.9	118.4	199.9	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 36.8 %
Developed Area = 63.2 %

RTIMP (Dev.) avg. = 6.45 %
Veg Cover (Dev.) avg. = 17.23 %
IA (Dev.) avg. = 0.17

Total Sub Basin Area in sq. miles = 0.5035

41	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	72.9	495.3	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 12.8 %
Developed Area = 87.2 %

RTIMP (Dev.) avg. = 8.72 %
Veg Cover (Dev.) avg. = 23.53 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.8879

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

42	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	4.9	44.0	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 10.0 %
Developed Area = 90.0 %

RTIMP (Dev.) avg. = 9.00 %
Veg Cover (Dev.) avg. = 24.30 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.0763

43	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	199.2	672.5	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 22.8 %
Developed Area = 77.2 %

RTIMP (Dev.) avg. = 7.72 %
Veg Cover (Dev.) avg. = 20.83 %
IA (Dev.) avg. = 0.21

Total Sub Basin Area in sq. miles = 1.3620

44	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	95.6	294.5	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 24.5 %
***Developed Area* = 75.5 %**

RTIMP (Dev.) avg. = 7.55 %
Veg Cover (Dev.) avg. = 20.38 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 0.6095

50	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	3.6	709.4	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.5 %
Developed Area = 99.5 %

RTIMP (Dev.) avg. = 9.95 %
Veg Cover (Dev.) avg. = 26.86 %
IA (Dev.) avg. = 0.27

Total Sub Basin Area in sq. miles = 1.1141

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

60	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	257.7	53.5	25.9	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	*0.24*	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 15.9 %
Developed Area = 84.1 %

RTIMP (Dev.) avg. = 16.06 %
Veg Cover (Dev.) avg. = 32.66 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 0.5265

70	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	11.8	620.3	857.5	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 41.6 %
Developed Area = 58.4 %

RTIMP (Dev.) avg. = 5.92 %
Veg Cover (Dev.) avg. = 15.86 %
IA (Dev.) avg. = 0.16

Total Sub Basin Area in sq. miles = 2.3274

80	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	143.8	677.4	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 17.5 %
Developed Area = 82.5 %

RTIMP (Dev.) avg. = 8.25 %
Veg Cover (Dev.) avg. = 22.27 %
IA (Dev.) avg. = 0.22

Total Sub Basin Area in sq. miles = 1.2832

D	Land Use ID ...	LDR	MDR	N	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	N	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	339.0	8.9	395.8	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	30%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	35%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	*0.24*	0.18	---	---	---	---	---	---	---	---	---	---

Natural Area = 53.2 %
Developed Area = 46.8 %

RTIMP (Dev.) avg. = 9.47 %
Veg Cover (Dev.) avg. = 18.65 %
IA (Dev.) avg. = 0.11

Total Sub Basin Area in sq. miles = 1.1620

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

E	Land Use ID ...	LDR	MDR	N	VLDR	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	N	D	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	350.9	172.8	138.8	233.5	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	30%	---	10%	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	35%	---	27%	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.18	---	0.27	---	---	---	---	---	---	---	---

Natural Area = 15.5 %
Developed Area = 84.5 %

RTIMP (Dev.) avg. = 16.22 %
Veg Cover (Dev.) avg. = 29.45 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 1.4001

F	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	1054.0	183.3	562.0	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 10.2 %
Developed Area = 89.8 %

RTIMP (Dev.) avg. = 14.84 %
Veg Cover (Dev.) avg. = 31.86 %
IA (Dev.) avg. = 0.22

Total Sub Basin Area in sq. miles = 2.8113

G	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	0.8	45.1	273.5	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	*20%*	---	*10%*	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 14.1 %
Developed Area = 85.9 %

RTIMP (Dev.) avg. = 8.61 %
Veg Cover (Dev.) avg. = 23.22 %
IA (Dev.) avg. = 0.23

Total Sub Basin Area in sq. miles = 0.4991

1210	Land Use ID ...	C	LDR	N	VLDR	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	N	D	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	0.4	116.9	15.7	594.1	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	---	10%	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	---	27%	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	---	0.27	---	---	---	---	---	---	---	---

Natural Area = 2.2 %
Developed Area = 97.8 %

RTIMP (Dev.) avg. = 11.43 %
Veg Cover (Dev.) avg. = 28.50 %
IA (Dev.) avg. = 0.28

Total Sub Basin Area in sq. miles = 1.1361

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

1215	Land Use ID ...	C	LDR	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	12.0	105.7	1.9	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 25.88 %
Veg Cover (Dev.) avg. = 37.28 %
IA (Dev.) avg. = 0.22

Total Sub Basin Area in sq. miles = 0.1869

1220	Land Use ID ...	C	LDR	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	*D*	*D*	*D*	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	21.8	150.7	283.2	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 16.65 %
Veg Cover (Dev.) avg. = 30.73 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 0.7121

1230	Land Use ID ...	LDR	MDR	MFR	N	VLDR	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	N	D	---	---	---	---	---	---	---
	Sub-Area (acres) ...	88.6	49.5	0.1	57.7	152.2	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	30%	45%	---	10%	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	35%	28%	---	27%	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.18	0.14	---	0.27	---	---	---	---	---	---	---

Natural Area = 16.6 %
Developed Area = 83.4 %

RTIMP (Dev.) avg. = 13.74 %
Veg Cover (Dev.) avg. = 26.97 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 0.5440

1240	Land Use ID ...	C	LDR	MDR	MFR	N	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	D	N	---	---	---	---	---	---	---
	Sub-Area (acres) ...	25.1	21.6	103.0	7.9	57.2	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	30%	45%	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	35%	28%	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.18	0.14	---	---	---	---	---	---	---	---

Natural Area = 26.6 %
Developed Area = 73.4 %

RTIMP (Dev.) avg. = 27.39 %
Veg Cover (Dev.) avg. = 23.58 %
IA (Dev.) avg. = 0.12

Total Sub Basin Area in sq. miles = 0.3355

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

1340													
Land Use ID ...	C	LDR	MDR	MFR	N	VLDR	0	0	0	0	0	0
Natural or Developed ...	D	D	D	D	N	D	---	---	---	---	---	---
Sub-Area (acres) ...	25.0	178.1	104.4	18.4	121.6	627.4	---	---	---	---	---	---
RTIMP (Developed) ...	80%	20%	30%	45%	---	10%	---	---	---	---	---	---
Veg. Cover (Developed) ...	15%	40%	35%	28%	---	27%	---	---	---	---	---	---
IA (Developed) ...	0.02	0.24	0.18	0.14	---	0.27	---	---	---	---	---	---

Natural Area = 11.3 %
Developed Area = 88.7 %

RTIMP (Dev.) avg. = 14.69 %
Veg Cover (Dev.) avg. = 26.61 %
IA (Dev.) avg. = 0.22

Total Sub Basin Area in sq. miles = 1.6795

1360												
Land Use ID ...	C	MDR	N	VLDR	0	0	0	0	0	0	0	0
Natural or Developed ...	D	D	N	D	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	148.4	113.3	104.9	66.1	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	80%	30%	---	10%	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	15%	35%	---	27%	---	---	---	---	---	---	---	---
IA (Developed) ...	0.02	0.18	---	0.27	---	---	---	---	---	---	---	---

Natural Area = 24.2 %
Developed Area = 75.8 %

RTIMP (Dev.) avg. = 36.82 %
Veg Cover (Dev.) avg. = 18.44 %
IA (Dev.) avg. = 0.09

Total Sub Basin Area in sq. miles = 0.6761

3000												
Land Use ID ...	C	LDR	MDR	MFR	N	0	0	0	0	0	0	0
Natural or Developed ...	D	D	D	D	N	---	---	---	---	---	---	---
Sub-Area (acres) ...	3.0	54.3	128.6	5.4	22.0	---	---	---	---	---	---	---
RTIMP (Developed) ...	80%	20%	30%	45%	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	15%	40%	35%	28%	---	---	---	---	---	---	---	---
IA (Developed) ...	0.02	0.24	0.18	0.14	---	---	---	---	---	---	---	---

Natural Area = 10.3 %
Developed Area = 89.7 %

RTIMP (Dev.) avg. = 25.45 %
Veg Cover (Dev.) avg. = 32.18 %
IA (Dev.) avg. = 0.17

Total Sub Basin Area in sq. miles = 0.3335

3010												
Land Use ID ...	LDR	0	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	---	---	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	125.2	---	---	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	20%	---	---	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	40%	---	---	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.24	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 20.00 %
Veg Cover (Dev.) avg. = 40.00 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.1956

Table 3-3A-4

Worksheet

Land-Use characteristics for rainfall losses for each subbasin

Estimated Build-Out Condition

3020	Land Use ID	...	C	LDR	MDR	N	0	0	0	0	0	0	0	0
	Natural or Developed	...	D	D	D	N	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	54.7	77.3	65.6	10.2	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	*80%*	*20%*	*30%*	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	15%	40%	35%	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	0.02	0.24	0.18	---	---	---	---	---	---	---	---	---

Natural Area = 4.9 %
Developed Area = 95.1 %

RTIMP (Dev.) avg. = 37.97 %
Veg Cover (Dev.) avg. = 29.88 %
IA (Dev.) avg. = 0.15

Total Sub Basin Area in sq. miles = 0.3245

3030	Land Use ID	...	LDR	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	D	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	124.2	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	20%	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	40%	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	0.24	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 20.00 %
Veg Cover (Dev.) avg. = 40.00 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.1940

3040	Land Use ID	...	LDR	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	57.4	19.3	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	20%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	40%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	0.24	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 17.48 %
Veg Cover (Dev.) avg. = 36.73 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 0.1198

3045	Land Use ID	...	MDR	N	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	*D*	*N*	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	126.8	21.9	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	30%	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	35%	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	0.18	---	---	---	---	---	---	---	---	---	---	---

***Natural Area* = 14.8 %**
Developed Area = 85.2 %

RTIMP (Dev.) avg. = 25.57 %
Veg Cover (Dev.) avg. = 29.83 %
IA (Dev.) avg. = 0.15

Total Sub Basin Area in sq. miles = 0.2324

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

3050	Land Use ID ...	C	LDR	MDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	62.6	124.7	0.8	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	30%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	35%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.18	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 40.01 %
Veg Cover (Dev.) avg. = 31.66 %
IA (Dev.) avg. = 0.17

Total Sub Basin Area in sq. miles = 0.2937

3060	Land Use ID ...	LDR	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	229.4	11.4	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 19.53 %
Veg Cover (Dev.) avg. = 39.38 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.3763

3070	Land Use ID ...	LDR	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	24.9	116.6	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 11.76 %
Veg Cover (Dev.) avg. = 29.28 %
IA (Dev.) avg. = 0.26

Total Sub Basin Area in sq. miles = 0.2211

3080	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	0.0	11.7	287.7	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 3.9 %
Developed Area = 96.1 %

RTIMP (Dev.) avg. = 9.61 %
Veg Cover (Dev.) avg. = 25.94 %
IA (Dev.) avg. = 0.26

Total Sub Basin Area in sq. miles = 0.4678

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

3085	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	67.7	4.3	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 94.1 %
Developed Area = 5.9 %

RTIMP (Dev.) avg. = 0.59 %
Veg Cover (Dev.) avg. = 1.60 %
IA (Dev.) avg. = 0.02

Total Sub Basin Area in sq. miles = 0.1125

3090	Land Use ID ...	LDR	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	203.5	64.2	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 17.60 %
Veg Cover (Dev.) avg. = 36.88 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 0.4183

3100	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	98.3	178.2	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 35.6 %
Developed Area = 64.4 %

RTIMP (Dev.) avg. = 6.44 %
Veg Cover (Dev.) avg. = 17.40 %
IA (Dev.) avg. = 0.17

Total Sub Basin Area in sq. miles = 0.4320

3120	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	72.2	25.9	302.6	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 6.5 %
Developed Area = 93.5 %

RTIMP (Dev.) avg. = 11.16 %
Veg Cover (Dev.) avg. = 27.60 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 0.6259

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

3125	Land Use ID ...	C	LDR	MDR	MFR	N	VLDR	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	D	N	D	---	---	---	---	---	---
	Sub-Area (acres) ...	16.2	0.4	233.4	1.5	52.2	5.4	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	30%	45%	---	10%	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	35%	28%	---	27%	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.18	0.14	---	0.27	---	---	---	---	---	---

Natural Area = 16.9 %
Developed Area = 83.1 %

RTIMP (Dev.) avg. = 27.27 %
Veg Cover (Dev.) avg. = 27.87 %
IA (Dev.) avg. = 0.14

Total Sub Basin Area in sq. miles = 0.4829

3130	Land Use ID ...	C	LDR	MDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	47.0	102.7	5.5	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	*80%*	*20%*	*30%*	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	35%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.18	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

***RTIMP (Dev.) avg.* = 38.51 %**
Veg Cover (Dev.) avg. = 32.26 %
IA (Dev.) avg. = 0.17

Total Sub Basin Area in sq. miles = 0.2425

3135	Land Use ID ...	LDR	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	39.8	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 20.00 %
Veg Cover (Dev.) avg. = 40.00 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.0622

3140	Land Use ID ...	LDR	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	216.7	87.1	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 17.13 %
Veg Cover (Dev.) avg. = 36.27 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 0.4747

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

3150													
Land Use ID ...	MDR	N	VLDR	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	24.6	163.6	202.8	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	30%	---	10%	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	35%	---	27%	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.18	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 41.8 %
Developed Area = 58.2 %

RTIMP (Dev.) avg. = 7.07 %
Veg Cover (Dev.) avg. = *16.20* %
IA (Dev.) avg. = 0.15

Total Sub Basin Area in sq. miles = 0.6108

3160													
Land Use ID ...	C	LDR	MDR	VLDR	0	0	0	0	0	0	0	0
Natural or Developed ...	D	D	D	D	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	16.3	44.2	126.5	82.3	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	80%	20%	30%	10%	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	15%	40%	35%	27%	---	---	---	---	---	---	---	---
IA (Developed) ...	0.02	0.24	0.18	0.27	---	---	---	---	---	---	---	---

***Natural Area* = *0.0* %**
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 25.27 %
Veg Cover (Dev.) avg. = 32.16 %
IA (Dev.) avg. = 0.21

Total Sub Basin Area in sq. miles = 0.4206

3170												
Land Use ID ...	LDR	0	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	---	---	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	254.2	---	---	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	20%	---	---	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	40%	---	---	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.24	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 20.00 %
Veg Cover (Dev.) avg. = 40.00 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.3972

3180												
Land Use ID ...	LDR	MDR	VLDR	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	130.7	10.6	65.4	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	20%	30%	10%	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	40%	35%	27%	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.24	0.18	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 17.35 %
Veg Cover (Dev.) avg. = 35.63 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 0.3230

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

3190	Land Use ID ...	C	MDR	MFR	N	VLDR	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	N	D	---	---	---	---	---	---	---
	Sub-Area (acres) ...	16.4	58.9	12.3	56.6	129.4	---	---	---	---	---	---	---
	RTIMP (Developed) ...	*80%*	*30%*	*45%*	---	*10%*	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	35%	28%	---	27%	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.16	0.14	---	0.27	---	---	---	---	---	---	---

Natural Area = 20.7 %
Developed Area = 79.3 %

RTIMP (Dev.) avg. = 18.02 %
Veg Cover (Dev.) avg. = 22.44 %
IA (Dev.) avg. = 0.17

Total Sub Basin Area in sq. miles = 0.4274

3200	Land Use ID ...	LDR	MDR	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	242.3	0.3	196.1	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	30%	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	35%	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.18	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 15.54 %
Veg Cover (Dev.) avg. = 34.19 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 0.6854

3210	Land Use ID ...	LDR	MDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	52.9	0.8	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	30%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	35%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.18	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 20.15 %
Veg Cover (Dev.) avg. = 39.93 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.0840

3220A	Land Use ID ...	LDR	MDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	20.6	118.5	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	30%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	35%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.24	0.18	---	---	---	---	---	---	---	---	---	---

***Natural Area* = 0.0 %**
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 28.52 %
Veg Cover (Dev.) avg. = 35.74 %
IA (Dev.) avg. = 0.18

Total Sub Basin Area in sq. miles = 0.2174

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

3220B													
Land Use ID ...	MDR	VLDR	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	92.9	137.7	---	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	30%	10%	---	---	---	---	---	---	---	---	---	---
Veg. Cover (Developed) ...	35%	27%	---	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.18	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 18.06 %
Veg Cover (Dev.) avg. = 30.22 %
IA (Dev.) avg. = 0.23

Total Sub Basin Area in sq. miles = 0.3604

3230												
Land Use ID ...	MDR	N	VLDR	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
Sub-Area (acres) ...	83.1	60.9	76.1	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	30%	—	10%	—	---	—	---	---	—	---	—	—
Veg. Cover (Developed) ...	35%	---	27%	---	---	---	---	---	---	---	---	---
IA (Developed) ...	0.18	---	0.27	—	---	—	---	---	---	---	—	—

Natural Area = 27.7 %
Developed Area = 72.3 %

RTIMP (Dev.) avg. = 14.79 %
Veg Cover (Dev.) avg. = 22.55 %
IA (Dev.) avg. = 0.16

Total Sub Basin Area in sq. miles = 0.3438

3240												
Land Use ID ...	LDR	MDR	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	D	---	—	---	—	---	---	—	—	---	---
Sub-Area (acres) ...	61.9	19.2	---	---	---	---	---	---	---	---	---	---
RTIMP (Developed) ...	20%	30%	---	—	---	—	---	---	—	---	---	---
Veg. Cover (Developed) ...	40%	35%	---	---	---	---	---	---	---	—	---	---
IA (Developed) ...	0.24	0.18	---	---	---	---	—	---	---	—	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 22.37 %
Veg Cover (Dev.) avg. = 38.82 %
IA (Dev.) avg. = 0.22

Total Sub Basin Area in sq. miles = 0.1266

3250A												
Land Use ID ...	MDR	0	0	0	0	0	0	0	0	0	0	0
Natural or Developed ...	D	---	---	—	—	---	---	---	---	---	---	---
Sub-Area (acres) ...	121.8	---	---	—	---	---	—	---	---	---	—	---
RTIMP (Developed) ...	30%	---	---	—	---	---	—	—	—	---	—	—
Veg. Cover (Developed) ...	35%	—	---	---	—	---	---	---	—	—	---	---
IA (Developed) ...	0.18	---	---	—	---	---	—	—	---	---	—	—

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 30.00 %
Veg Cover (Dev.) avg. = 35.00 %
IA (Dev.) avg. = 0.18

Total Sub Basin Area in sq. miles = 0.1903

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

3250B	Land Use ID ...	MDR	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	289.7	183.3	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	30%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	35%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.18	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 22.25 %
Veg Cover (Dev.) avg. = 31.90 %
IA (Dev.) avg. = 0.21

Total Sub Basin Area in sq. miles = 0.7391

4510	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	*685.2*	*197.4*	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 77.6 %
Developed Area = 22.4 %

RTIMP (Dev.) avg. = 2.24 %
Veg Cover (Dev.) avg. = 6.04 %
IA (Dev.) avg. = 0.06

Total Sub Basin Area in sq. miles = 1.3790

4520	Land Use ID ...	MDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	123.0	250.0	81.0	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	30%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	35%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.18	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 55.1 %
Developed Area = 44.9 %

RTIMP (Dev.) avg. = 9.91 %
Veg Cover (Dev.) avg. = 14.30 %
IA (Dev.) avg. = 0.10

Total Sub Basin Area in sq. miles = 0.7093

4530	Land Use ID ...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	28.8	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 0.0450

Table 3-3A-4

Worksheet

Land-Use characteristics for rainfall losses for each subbasin

Estimated Build-Out Condition

S110L	Land Use ID	...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	6781.8	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 10.5965

S110R	Land Use ID	...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	11478.2	0.0	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 17.9347

S120	Land Use ID	...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	3055.3	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 4.7739

S130	Land Use ID	...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	*N*	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	1842.1	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 2.8783

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S140	Land Use ID ...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	1175.5	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 1.8367

S150	Land Use ID ...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	661.5	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 1.0646

S150R	Land Use ID ...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	1276.5	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 1.9946

S160	Land Use ID ...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	828.1	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 1.2938

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S170	Land Use ID	...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	584.6	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 0.9134

S170R	Land Use ID	...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	2186.7	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 3.4168

S180	Land Use ID	...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	2433.9	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 3.8030

S190L	Land Use ID	...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed	...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres)	...	1801.0	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed)	...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 2.8141

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S190R	Land Use ID ...	N	0	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	---	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	2796.6	---	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	---	---	---	---	---	---	---	---	---	---	---

Natural Area = 100.0 %
Developed Area = 0.0 %

RTIMP (Dev.) avg. = 0.00 %
Veg Cover (Dev.) avg. = 0.00 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 4.3696

S200	Land Use ID ...	I	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	16.3	2493.6	17.2	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	55%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	27%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.07	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 98.7 %
Developed Area = 1.3 %

RTIMP (Dev.) avg. = 0.42 %
Veg Cover (Dev.) avg. = 0.36 %
IA (Dev.) avg. = 0.00

Total Sub Basin Area in sq. miles = 3.9485

S210	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	5303.8	1316.8	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 80.1 %
Developed Area = 19.9 %

RTIMP (Dev.) avg. = 1.99 %
Veg Cover (Dev.) avg. = 5.37 %
IA (Dev.) avg. = 0.05

Total Sub Basin Area in sq. miles = 10.3448

S220	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	1164.5	1161.9	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 50.1 %
Developed Area = 49.9 %

RTIMP (Dev.) avg. = 4.99 %
Veg Cover (Dev.) avg. = 13.48 %
IA (Dev.) avg. = 0.13

Total Sub Basin Area in sq. miles = 3.6349

Table 3-3A-4
Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S230	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	28.2	1148.6	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 2.4 %
Developed Area = 97.6 %

RTIMP (Dev.) avg. = 9.76 %
Veg Cover (Dev.) avg. = 26.35 %
IA (Dev.) avg. = 0.26

Total Sub Basin Area in sq. miles = 1.8388

S240	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	112.0	1569.1	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 6.7 %
Developed Area = 93.3 %

RTIMP (Dev.) avg. = 9.33 %
Veg Cover (Dev.) avg. = 25.20 %
IA (Dev.) avg. = 0.25

Total Sub Basin Area in sq. miles = 2.6267

S250	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	152.1	3615.3	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 4.0 %
Developed Area = 96.0 %

RTIMP (Dev.) avg. = 9.60 %
Veg Cover (Dev.) avg. = 25.91 %
IA (Dev.) avg. = 0.26

Total Sub Basin Area in sq. miles = 5.8865

S260L	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	647.5	1772.6	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 26.8 %
Developed Area = 73.2 %

RTIMP (Dev.) avg. = 7.32 %
Veg Cover (Dev.) avg. = 19.78 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 3.7813

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S260R	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	412.8	641.9	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 39.1 %
Developed Area = 60.9 %

RTIMP (Dev.) avg. = 6.09 %
Veg Cover (Dev.) avg. = 16.43 %
IA (Dev.) avg. = 0.16

Total Sub Basin Area in sq. miles = 1.6479

S270	Land Use ID ...	C	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	20.9	1779.0	1312.6	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 57.2 %
Developed Area = 42.8 %

RTIMP (Dev.) avg. = 4.75 %
Veg Cover (Dev.) avg. = 11.49 %
IA (Dev.) avg. = 0.11

Total Sub Basin Area in sq. miles = 4.8632

S280	Land Use ID ...	C	LDR	MDR	N	VLDR	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	N	D	---	---	---	---	---	---	---
	Sub-Area (acres) ...	220.5	36.1	1341.3	1088.0	1111.0	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	30%	---	10%	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	35%	---	27%	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.18	---	0.27	---	---	---	---	---	---	---

Natural Area = 28.7 %
Developed Area = 71.3 %

RTIMP (Dev.) avg. = 18.36 %
Veg Cover (Dev.) avg. = 21.52 %
IA (Dev.) avg. = 0.14

Total Sub Basin Area in sq. miles = 5.9326

S290	Land Use ID ...	C	HDR	I	LDR	MDR	MFR	N	VLDR	0	0	0	0
	Natural or Developed ...	D	D	D	D	D	D	N	D	---	---	---	---
	Sub-Area (acres) ...	463.1	32.0	49.3	682.5	699.8	116.9	720.6	2124.8	---	---	---	---
	RTIMP (Developed) ...	80%	65%	55%	20%	30%	45%	---	10%	---	---	---	---
	Veg. Cover (Developed) ...	15%	18%	27%	40%	35%	28%	---	27%	---	---	---	---
	IA (Developed) ...	0.02	0.09	0.07	0.24	0.18	0.14	---	0.27	---	---	---	---

Natural Area = 14.7 %
Developed Area = 85.3 %

RTIMP (Dev.) avg. = 21.07 %
Veg Cover (Dev.) avg. = 24.79 %
IA (Dev.) avg. = 0.18

Total Sub Basin Area in sq. miles = 7.6391

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S310	Land Use ID ...	C	LDR	N	VLDR	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	N	D	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	0.1	0.4	149.3	1378.0	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	---	10%	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	---	27%	---	---	---	---	---	---	---	---
	IA (Developed) ...	*0.02*	*0.24*	---	*0.27*	---	---	---	---	---	---	---	---

Natural Area = 9.8 %
Developed Area = 90.2 %

RTIMP (Dev.) avg. = 9.03 %
Veg Cover (Dev.) avg. = 24.36 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 2.3871

S320	Land Use ID ...	MDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	10.2	33.2	247.3	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	30%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	35%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.18	---	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 11.4 %
Developed Area = 88.6 %

RTIMP (Dev.) avg. = 9.56 %
Veg Cover (Dev.) avg. = 24.19 %
IA (Dev.) avg. = 0.24

Total Sub Basin Area in sq. miles = 0.4542

S330	Land Use ID ...	C	HDR	MFR	N	VLDR	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	N	D	---	---	---	---	---	---	---
	Sub-Area (acres) ...	21.8	1.3	0.5	3.0	78.1	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	65%	45%	---	10%	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	18%	28%	---	27%	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.09	0.14	---	0.27	---	---	---	---	---	---	---

Natural Area = 2.9 %
Developed Area = 97.1 %

RTIMP (Dev.) avg. = 25.11 %
Veg Cover (Dev.) avg. = 23.61 %
IA (Dev.) avg. = 0.21

Total Sub Basin Area in sq. miles = 0.1635

S340L	Land Use ID ...	N	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	N	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	49.9	103.8	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	---	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	---	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	---	*0.27*	---	---	---	---	---	---	---	---	---	---

Natural Area = 32.5 %
Developed Area = 67.5 %

RTIMP (Dev.) avg. = 6.75 %
Veg Cover (Dev.) avg. = 18.23 %
IA (Dev.) avg. = 0.18

Total Sub Basin Area in sq. miles = 0.2401

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S340R	Land Use ID ...	C	VLDR	0	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	---	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	18.1	23.3	---	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	10%	---	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	27%	---	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.27	---	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 40.61 %
Veg Cover (Dev.) avg. = 21.75 %
IA (Dev.) avg. = 0.16

Total Sub Basin Area in sq. miles = 0.0648

S350	Land Use ID ...	C	MFR	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	5.9	16.6	80.4	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	45%	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	28%	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.14	0.27	---	---	---	---	---	---	---	---	---

Natural Area = 0.0 %
Developed Area = 100.0 %

RTIMP (Dev.) avg. = 19.67 %
Veg Cover (Dev.) avg. = 26.39 %
IA (Dev.) avg. = 0.23

Total Sub Basin Area in sq. miles = 0.1607

S360	Land Use ID ...	C	LDR	MFR	N	VLDR	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	D	N	D	---	---	---	---	---	---	---
	Sub-Area (acres) ...	10.7	28.1	11.0	74.0	246.2	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	45%	---	10%	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	28%	---	27%	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	0.14	---	0.27	---	---	---	---	---	---	---

Natural Area = 20.0 %
Developed Area = 80.0 %

RTIMP (Dev.) avg. = 11.82 %
Veg Cover (Dev.) avg. = 22.25 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 0.5782

S370	Land Use ID ...	C	LDR	N	VLDR	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	N	D	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	177.6	14.6	1.0	25.1	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	---	10%	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	---	27%	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	---	0.27	---	---	---	---	---	---	---	---

Natural Area = 0.5 %
Developed Area = 99.5 %

RTIMP (Dev.) avg. = 67.58 %
Veg Cover (Dev.) avg. = 17.98 %
IA (Dev.) avg. = 0.06

Total Sub Basin Area in sq. miles = 0.3411

Table 3-3A-4

Worksheet

Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S380	Land Use ID ...	C	LDR	N	VLDR	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	N	D	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	42.8	116.0	19.9	87.1	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	---	10%	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	---	27%	---	---	---	---	---	---	---	---
	IA (Developed) ...	*0.02*	*0.24*	*---*	*0.27*	*---*	*---*	*---*	*---*	*---*	*---*	*---*	*---*

Natural Area = 7.5 %
Developed Area = 92.5 %

RTIMP (Dev.) avg. = 24.88 %
Veg Cover (Dev.) avg. = 28.72 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 0.4153

S390	Land Use ID ...	C	LDR	N	VLDR	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	D	N	D	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	45.4	20.9	97.4	58.5	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	80%	20%	---	10%	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	40%	---	27%	---	---	---	---	---	---	---	---
	IA (Developed) ...	0.02	0.24	---	0.27	---	---	---	---	---	---	---	---

Natural Area = 43.8 %
Developed Area = 56.2 %

RTIMP (Dev.) avg. = 20.85 %
Veg Cover (Dev.) avg. = 13.93 %
IA (Dev.) avg. = 0.10

Total Sub Basin Area in sq. miles = 0.3472

S400L	Land Use ID ...	C	I	LDR	MDR	MFR	N	VLDR	0	0	0	0	0
	Natural or Developed ...	D	D	D	D	D	N	D	---	---	---	---	---
	Sub-Area (acres) ...	111.5	2.3	543.2	296.1	0.7	487.3	1775.5	---	---	---	---	---
	RTIMP (Developed) ...	80%	55%	20%	30%	45%	---	10%	---	---	---	---	---
	Veg. Cover (Developed) ...	15%	27%	40%	35%	28%	---	27%	---	---	---	---	---
	IA (Developed) ...	0.02	0.07	0.24	0.18	0.14	---	0.27	---	---	---	---	---

Natural Area = 15.1 %
Developed Area = 84.9 %

RTIMP (Dev.) avg. = 14.48 %
Veg Cover (Dev.) avg. = 25.43 %
IA (Dev.) avg. = 0.21

Total Sub Basin Area in sq. miles = 5.0257

S400	Land Use ID ...	LDR	N	VLDR	0	0	0	0	0	0	0	0	0
	Natural or Developed ...	D	N	D	---	---	---	---	---	---	---	---	---
	Sub-Area (acres) ...	19.6	827.8	1110.1	---	---	---	---	---	---	---	---	---
	RTIMP (Developed) ...	20%	---	10%	---	---	---	---	---	---	---	---	---
	Veg. Cover (Developed) ...	40%	---	27%	---	---	---	---	---	---	---	---	---
	IA (Developed) ...	*0.24*	*---*	*0.27*	*---*	*---*	*---*	*---*	*---*	*---*	*---*	*---*	*---*

Natural Area = 42.3 %
Developed Area = 57.7 %

RTIMP (Dev.) avg. = 5.87 %
Veg Cover (Dev.) avg. = 15.71 %
IA (Dev.) avg. = 0.16

Total Sub Basin Area in sq. miles = 3.0586

Table 3-3A-4

Worksheet
Land-Use characteristics for rainfall losses for each subbasin
Estimated Build-Out Condition

S410	Land Use ID	...	C	LDR	MDR	MFR	N	VLDR	0	0	0	0	0	0
	Natural or Developed	...	D	D	D	D	N	D	---	---	---	---	---	---
	Sub-Area (acres)	...	68.2	170.6	18.6	12.2	111.1	456.3	---	---	---	---	---	---
	RTIMP (Developed)	...	80%	20%	30%	45%	---	10%	---	---	---	---	---	---
	Veg. Cover (Developed)	...	15%	40%	35%	28%	---	27%	---	---	---	---	---	---
	IA (Developed)	...	0.02	0.24	0.18	0.14	---	0.27	---	---	---	---	---	---

Natural Area = 13.3 %
Developed Area = 86.7 %

RTIMP (Dev.) avg. = 17.37 %
Veg Cover (Dev.) avg. = 25.27 %
IA (Dev.) avg. = 0.20

Total Sub Basin Area in sq. miles = 1.3078

Table 3-3A-5
Rainfall loss parameters for Green & Ampt method for each subbasin
Estimated Future Condition

Sub Basin ID (1)	Area Total sq. mi. (2)	Area Natural % (3)	Area Urban % (4)	IA, in inches Natural (5)	IA, in inches Urban (6)	IA, in inches Weighted (7)	RTIMP, in % Natural (8)	RTIMP, in % Urban (9)	RTIMP, in % Total (10)	Vegetation Cover, in % Natural (11)	Vegetation Cover, in % Urban (12)	Vegetation Cover, in % Weighted (13)	XKSAT Bare Ground in/hr (14)	PSIF inches (15)	DTHETA Natural dry (16)	DTHETA Urban normal (17)	DTHETA Weighted (18)	XKSAT Corrected for Veg. in/hr (19)
1	0.8429	31.9	68.1	0.00	0.17	0.17	0.00	10.40	10.40	33.21	19.83	30.41	0.14	6.20	0.39	0.22	0.27	0.17
2	1.1328	2.9	97.1	0.00	0.26	0.26	0.00	9.71	9.71	35.00	26.23	27.23	0.23	5.00	0.36	0.25	0.25	0.27
10	0.8874	0.0	100.0	0.00	0.26	0.26	0.00	14.30	14.30	33.12	31.65	31.65	0.20	5.30	0.37	0.25	0.25	0.25
11	1.3235	0.5	99.5	0.00	0.27	0.27	0.00	9.95	9.95	35.00	26.87	27.04	0.23	5.00	0.36	0.25	0.25	0.27
12	1.9727	31.2	68.8	0.00	0.19	0.19	0.00	6.88	6.88	35.00	18.59	29.49	0.20	5.30	0.37	0.25	0.29	0.24
13	0.1657	0.0	100.0	0.00	0.27	0.27	0.00	10.00	10.00	35.00	27.00	27.00	0.23	5.00	0.36	0.25	0.25	0.27
14	1.2876	70.0	30.0	0.00	0.08	0.08	0.00	3.00	3.00	35.00	8.10	32.60	0.17	5.70	0.39	0.25	0.35	0.21
20	0.6645	0.0	100.0	0.00	0.21	0.21	0.00	27.29	27.29	30.62	34.83	34.83	0.12	6.60	0.36	0.18	0.18	0.15
21	0.4966	0.0	100.0	0.00	0.27	0.27	0.00	10.00	10.00	35.00	27.00	27.00	0.23	5.00	0.36	0.25	0.25	0.27
22	0.5160	0.0	100.0	0.00	0.27	0.27	0.00	10.33	10.33	34.98	26.94	26.94	0.23	5.00	0.36	0.25	0.25	0.27
23	1.7651	23.0	77.0	0.00	0.21	0.21	0.00	7.70	7.70	35.00	20.79	28.84	0.21	5.20	0.37	0.25	0.28	0.25
24	2.9826	20.2	79.8	0.00	0.22	0.22	0.00	7.98	7.98	35.00	21.54	28.62	0.21	5.20	0.37	0.25	0.27	0.25
25	1.1307	65.9	34.1	0.00	0.09	0.09	0.00	3.41	3.41	35.00	9.20	32.27	0.17	5.70	0.39	0.25	0.34	0.21
30	0.3643	0.0	100.0	0.00	0.26	0.26	0.00	11.89	11.89	34.06	29.46	29.46	0.22	5.10	0.36	0.25	0.25	0.27
40	0.5035	36.8	63.2	0.00	0.17	0.17	0.00	6.45	6.45	34.94	17.23	30.08	0.20	5.30	0.37	0.25	0.30	0.24
41	0.8879	12.8	87.2	0.00	0.24	0.24	0.00	8.72	8.72	35.00	23.53	28.03	0.22	5.10	0.36	0.25	0.26	0.26
42	0.0763	10.0	90.0	0.00	0.24	0.24	0.00	9.00	9.00	35.00	24.30	27.80	0.22	5.10	0.36	0.25	0.26	0.26
43	1.3620	22.8	77.2	0.00	0.21	0.21	0.00	7.72	7.72	35.00	20.83	28.83	0.21	5.20	0.37	0.25	0.28	0.25
44	0.6095	24.5	75.5	0.00	0.20	0.20	0.00	7.55	7.55	35.00	20.38	28.96	0.21	5.20	0.37	0.25	0.28	0.25
50	1.1141	0.5	99.5	0.00	0.27	0.27	0.00	9.95	9.95	35.00	26.86	27.04	0.23	5.00	0.36	0.25	0.25	0.27
60	0.5265	15.9	84.1	0.00	0.20	0.20	0.00	16.06	16.06	31.18	32.66	37.60	0.17	5.70	0.39	0.25	0.27	0.22
70	2.3274	41.6	58.4	0.00	0.16	0.16	0.00	5.92	5.92	34.96	15.86	30.42	0.19	5.40	0.38	0.25	0.30	0.23
80	1.2832	17.5	82.5	0.00	0.22	0.22	0.00	8.25	8.25	35.00	22.27	28.40	0.21	5.20	0.37	0.25	0.27	0.25
D	1.1620	53.2	46.8	0.00	0.11	0.11	0.00	9.47	9.47	32.66	18.65	36.03	0.04	9.70	0.24	0.14	0.19	0.05
E	1.4001	15.5	84.5	0.00	0.20	0.20	0.00	16.22	16.22	30.77	29.45	34.22	0.08	7.60	0.31	0.15	0.17	0.10
F	2.8113	10.2	89.8	0.00	0.22	0.22	0.00	14.84	14.84	31.56	31.86	35.08	0.04	9.70	0.24	0.14	0.15	0.05
G	0.4991	14.1	85.9	0.00	0.23	0.23	0.00	8.61	8.61	33.58	23.22	27.96	0.17	5.70	0.39	0.25	0.27	0.20
1210	1.1361	2.2	97.8	0.35	0.26	0.27	1.81	11.43	13.24	25.00	28.50	29.04	0.20	5.30	0.37	0.25	0.25	0.24
1215	0.1869	0.0	100.0	0.35	0.22	0.22	0.00	25.88	25.88	25.00	37.28	37.28	0.23	5.00	0.36	0.25	0.25	0.30
1220	0.7121	0.0	100.0	0.35	0.25	0.25	0.00	16.65	16.65	25.00	30.73	30.73	0.25	4.80	0.35	0.25	0.25	0.31
1230	0.5440	16.6	83.4	0.35	0.20	0.26	0.30	13.74	14.04	25.00	26.97	31.12	0.21	5.20	0.37	0.25	0.27	0.26
1240	0.3355	26.6	73.4	0.35	0.12	0.21	0.36	27.39	27.74	25.00	23.58	30.23	0.18	5.60	0.38	0.25	0.29	0.22
1340	1.6795	11.3	88.7	0.35	0.22	0.26	0.35	14.69	15.04	25.00	26.61	29.43	0.17	5.70	0.39	0.25	0.27	0.21

Table 3-3A-5
Rainfall loss parameters for Green & Ampt method for each subbasin
Estimated Future Condition

Sub Basin ID (1)	Area Total sq. mi. (2)	Area Natural % (3)	Area Urban % (4)	IA, in inches Natural (5)	IA, in inches Urban (6)	IA, in inches Weighted (7)	RTIMP, in % Natural (8)	RTIMP, in % Urban (9)	RTIMP, in % Total (10)	Vegetation Cover, in % Natural (11)	Vegetation Cover, in % Urban (12)	Vegetation Cover, in % Weighted (13)	XKSAT Bare Ground in/hr (14)	PSIF inches (15)	DTHETA Natural dry (16)	DTHETA Urban normal (17)	DTHETA Weighted (18)	XKSAT Corrected for Veg. in/hr (19)
1360	0.6761	24.2	75.8	0.35	0.09	0.18	1.98	36.82	38.80	25.00	18.44	24.49	0.20	5.30	0.37	0.25	0.28	0.23
3000	0.3335	10.3	89.7	0.35	0.17	0.21	0.00	25.45	25.45	25.00	32.18	34.76	0.12	6.60	0.36	0.18	0.20	0.15
3010	0.1956	0.0	100.0	0.35	0.24	0.24	0.00	20.00	20.00	25.00	40.00	40.00	0.09	7.30	0.33	0.15	0.15	0.12
3020	0.3245	4.9	95.1	0.35	0.15	0.17	0.00	37.97	37.97	25.00	29.88	31.11	0.19	5.40	0.38	0.25	0.26	0.23
3030	0.1940	0.0	100.0	0.35	0.24	0.24	0.00	20.00	20.00	25.00	40.00	40.00	0.19	5.40	0.38	0.25	0.25	0.25
3040	0.1198	0.0	100.0	0.35	0.25	0.25	0.00	17.48	17.48	25.00	36.73	36.73	0.07	8.00	0.30	0.15	0.15	0.09
3045	0.2324	14.8	85.2	0.35	0.15	0.20	0.00	25.57	25.57	25.00	29.83	33.52	0.18	5.60	0.38	0.25	0.27	0.23
3050	0.2937	0.0	100.0	0.35	0.17	0.17	0.00	40.01	40.01	25.00	31.66	31.66	0.27	4.65	0.35	0.25	0.25	0.34
3060	0.3763	0.0	100.0	0.35	0.24	0.24	0.00	19.53	19.53	25.00	39.38	39.38	0.29	4.55	0.35	0.25	0.25	0.38
3070	0.2211	0.0	100.0	0.35	0.26	0.26	0.00	11.76	11.76	25.00	29.28	29.28	0.05	8.80	0.26	0.15	0.15	0.06
3080	0.4678	3.9	96.1	0.35	0.26	0.27	0.00	9.61	9.61	25.00	25.94	26.92	0.02	11.20	0.17	0.08	0.09	0.02
3085	0.1125	94.1	5.9	0.35	0.02	0.35	0.00	0.59	0.59	25.00	1.60	25.12	0.53	3.53	0.35	0.26	0.34	0.62
3090	0.4183	0.0	100.0	0.35	0.25	0.25	0.00	17.60	17.60	25.00	36.88	36.88	0.18	5.60	0.38	0.25	0.25	0.23
3100	0.4320	35.6	64.4	0.35	0.17	0.30	0.00	6.44	6.44	25.00	17.40	26.29	0.10	7.00	0.34	0.14	0.21	0.12
3120	0.6259	6.5	93.5	0.35	0.25	0.27	0.00	11.16	11.16	25.00	27.60	29.21	0.06	8.40	0.28	0.15	0.16	0.07
3125	0.4829	16.9	83.1	0.35	0.14	0.20	0.00	27.27	27.27	25.00	27.87	32.09	0.20	5.30	0.37	0.25	0.27	0.25
3130	0.2425	0.0	100.0	0.35	0.17	0.17	0.00	38.51	38.51	25.00	32.26	32.26	0.31	4.45	0.35	0.25	0.25	0.39
3135	0.0622	0.0	100.0	0.35	0.24	0.24	0.00	20.00	20.00	25.00	40.00	40.00	0.28	4.60	0.35	0.25	0.25	0.37
3140	0.4747	0.0	100.0	0.35	0.25	0.25	0.00	17.13	17.13	25.00	36.27	36.27	0.17	5.70	0.39	0.25	0.25	0.22
3150	0.6108	41.8	58.2	0.35	0.15	0.30	0.00	7.07	7.07	25.00	16.20	26.67	0.11	6.80	0.35	0.16	0.24	0.13
3160	0.4206	0.0	100.0	0.35	0.21	0.21	0.00	25.27	25.27	25.00	32.16	32.16	0.19	5.40	0.38	0.25	0.25	0.24
3170	0.3972	0.0	100.0	0.35	0.24	0.24	0.00	20.00	20.00	25.00	40.00	40.00	0.30	4.50	0.35	0.25	0.25	0.40
3180	0.3230	0.0	100.0	0.35	0.25	0.25	0.00	17.35	17.35	25.00	35.63	35.63	0.07	8.00	0.30	0.15	0.15	0.09
3190	0.4274	20.7	79.3	0.35	0.17	0.25	0.36	18.02	18.37	25.00	22.44	27.61	0.19	5.40	0.38	0.25	0.28	0.23
3200	0.6854	0.0	100.0	0.35	0.25	0.25	0.00	15.54	15.54	25.00	34.19	34.19	0.14	6.20	0.39	0.22	0.22	0.18
3210	0.0840	0.0	100.0	0.35	0.24	0.24	0.00	20.15	20.15	25.00	39.93	39.93	0.37	4.15	0.35	0.25	0.25	0.49
3220A	0.2174	0.0	100.0	0.35	0.18	0.18	0.00	28.52	28.52	25.00	35.74	35.74	0.36	4.20	0.35	0.25	0.25	0.46
3220B	0.3604	0.0	100.0	0.35	0.23	0.23	0.00	18.06	18.06	25.00	30.22	30.22	0.42	3.88	0.35	0.25	0.25	0.51
3230	0.3438	27.7	72.3	0.35	0.16	0.26	0.00	14.79	14.79	25.00	22.55	29.47	0.21	5.20	0.37	0.25	0.28	0.26
3240	0.1266	0.0	100.0	0.35	0.22	0.22	0.00	22.37	22.37	25.00	38.82	38.82	0.37	4.15	0.35	0.25	0.25	0.49
3250A	0.1903	0.0	100.0	0.35	0.18	0.18	0.00	30.00	30.00	25.00	35.00	35.00	0.37	4.15	0.35	0.25	0.25	0.47
3250B	0.7391	0.0	100.0	0.35	0.21	0.21	0.00	22.25	22.25	25.00	31.90	31.90	0.33	4.35	0.35	0.25	0.25	0.41
4510	1.3790	77.6	22.4	0.35	0.06	0.33	0.00	2.24	2.24	25.00	6.04	25.45	0.05	8.80	0.26	0.15	0.23	0.06

Table 3-3A-5
Rainfall loss parameters for Green & Ampt method for each subbasin
Estimated Future Condition

Sub Basin ID	Area			IA, in inches			RTIMP, in %			Vegetation Cover, in %			XKSAT Bare Ground	PSIF	DTHETA			XKSAT Corrected for Veg.
	Total sq. mi.	Natural %	Urban %	Natural	Urban	Weighted	Natural	Urban	Total	Natural	Urban	Weighted	in/hr	inches	Natural dry	Urban normal	Weighted	in/hr
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
4520	0.7093	55.1	44.9	0.35	0.10	0.29	0.00	9.91	9.91	25.00	14.30	28.07	0.09	7.30	0.33	0.15	0.25	0.11
4530	0.0450	100.0	0.0	0.35	0.00	0.35	0.00	0.00	0.00	25.00	0.00	25.00	0.58	3.40	0.35	0.27	0.35	0.68
S110L	10.5965	100.0	0.0	0.20	0.00	0.20	3.08	0.00	3.08	35.00	0.00	35.00	0.15	6.00	0.40	0.24	0.40	0.19
S110R	17.9347	100.0	0.0	0.20	0.00	0.20	6.18	0.00	6.18	40.00	0.00	40.00	0.21	5.20	0.37	0.25	0.37	0.28
S120	4.7739	100.0	0.0	0.25	0.00	0.25	5.55	0.00	5.55	40.00	0.00	40.00	0.29	4.55	0.35	0.25	0.35	0.39
S130	2.8783	100.0	0.0	0.25	0.00	0.25	5.79	0.00	5.79	40.00	0.00	40.00	0.20	5.30	0.37	0.25	0.37	0.27
S140	1.8367	100.0	0.0	0.20	0.00	0.20	4.17	0.00	4.17	25.00	0.00	25.00	0.31	4.45	0.35	0.25	0.35	0.36
S150	1.0648	100.0	0.0	0.20	0.00	0.20	12.12	0.00	12.12	35.00	0.00	35.00	0.33	4.35	0.35	0.25	0.35	0.42
S150R	1.9946	100.0	0.0	0.20	0.00	0.20	8.85	0.00	8.85	25.00	0.00	25.00	0.34	4.30	0.35	0.25	0.35	0.40
S160	1.2938	100.0	0.0	0.25	0.00	0.25	4.89	0.00	4.89	40.00	0.00	40.00	0.25	4.80	0.35	0.25	0.35	0.33
S170	0.9134	100.0	0.0	0.20	0.00	0.20	6.71	0.00	6.71	35.00	0.00	35.00	0.16	5.80	0.40	0.25	0.40	0.20
S170R	3.4168	100.0	0.0	0.20	0.00	0.20	8.62	0.00	8.62	25.00	0.00	25.00	0.28	4.60	0.35	0.25	0.35	0.33
S180	3.8030	100.0	0.0	0.25	0.00	0.25	4.53	0.00	4.53	35.00	0.00	35.00	0.16	5.80	0.40	0.25	0.40	0.20
S190L	2.8141	100.0	0.0	0.20	0.00	0.20	1.93	0.00	1.93	30.00	0.00	30.00	0.13	6.40	0.37	0.20	0.37	0.16
S190R	4.3696	100.0	0.0	0.25	0.00	0.25	6.53	0.00	6.53	30.00	0.00	30.00	0.19	5.40	0.38	0.25	0.38	0.23
S200	3.9485	98.7	1.3	0.20	0.00	0.20	8.96	0.42	9.38	35.00	0.36	34.89	0.24	4.90	0.36	0.25	0.35	0.31
S210	10.3448	80.1	19.9	0.20	0.05	0.21	13.76	1.99	15.75	35.00	5.37	33.41	0.27	4.65	0.35	0.25	0.33	0.34
S220	3.6349	50.1	49.9	0.20	0.13	0.23	13.93	4.99	18.93	30.00	13.48	28.50	0.20	5.30	0.37	0.25	0.31	0.24
S230	1.8388	2.4	97.6	0.20	0.26	0.27	11.46	9.76	21.22	30.00	26.35	27.07	0.11	6.80	0.35	0.16	0.16	0.13
S240	2.6267	6.7	93.3	0.20	0.25	0.27	5.85	9.33	15.18	35.00	25.20	27.53	0.11	6.80	0.35	0.16	0.17	0.13
S250	5.8865	4.0	96.0	0.20	0.26	0.27	8.19	9.60	17.79	35.00	25.91	27.32	0.12	6.60	0.36	0.18	0.19	0.14
S260L	3.7813	26.8	73.2	0.20	0.20	0.25	12.09	7.32	19.42	35.00	19.78	29.14	0.17	5.70	0.39	0.25	0.29	0.21
S260R	1.6479	39.1	60.9	0.20	0.16	0.24	11.58	6.09	17.67	30.00	16.43	28.17	0.10	7.00	0.34	0.14	0.22	0.12
S270	4.8632	57.2	42.8	0.25	0.11	0.26	16.14	4.75	20.90	35.00	11.49	31.49	0.16	5.80	0.40	0.25	0.33	0.20
S280	5.9326	28.7	71.3	0.20	0.14	0.20	6.50	18.36	24.86	30.00	21.52	30.11	0.27	4.65	0.35	0.25	0.28	0.33
S290	7.6391	14.7	85.3	0.15	0.18	0.20	0.33	21.07	21.40	30.00	24.79	29.22	0.23	5.00	0.36	0.25	0.27	0.28
S310	2.3871	9.8	90.2	0.15	0.24	0.26	0.10	9.03	9.13	35.00	24.36	27.78	0.19	5.40	0.38	0.25	0.26	0.23
S320	0.4542	11.4	88.6	0.15	0.24	0.25	2.98	9.56	12.54	30.00	24.19	27.62	0.15	6.00	0.40	0.24	0.26	0.18
S330	0.1635	2.9	97.1	0.15	0.21	0.21	2.53	25.11	27.64	30.00	23.61	24.47	0.07	8.00	0.30	0.15	0.15	0.08
S340L	0.2401	32.5	67.5	0.20	0.18	0.25	6.92	6.75	13.68	35.00	18.23	29.60	0.14	6.20	0.39	0.22	0.27	0.17
S340R	0.0648	0.0	100.0	0.15	0.16	0.16	0.00	40.61	40.61	30.00	21.75	21.75	0.12	6.60	0.36	0.18	0.18	0.14
S350	0.1607	0.0	100.0	0.15	0.23	0.23	3.57	19.67	23.23	35.00	26.39	26.39	0.15	6.00	0.40	0.24	0.24	0.18
S360	0.5782	20.0	80.0	0.20	0.20	0.24	7.21	11.82	19.04	35.00	22.25	29.26	0.13	6.40	0.37	0.20	0.23	0.16

Table 3-3A-5
Rainfall loss parameters for Green & Ampt method for each subbasin
Estimated Future Condition

Sub Basin ID (1)	Area Total sq. mi. (2)	Area Natural % (3)	Area Urban % (4)	IA, in inches Natural (5)	IA, in inches Urban (6)	IA, in inches Weighted (7)	RTIMP, in % Natural (8)	RTIMP, in % Urban (9)	RTIMP, in % Total (10)	Vegetation Cover, in % Natural (11)	Vegetation Cover, in % Urban (12)	Vegetation Cover, in % Weighted (13)	XKSAT Bare Ground in/hr (14)	PSIF inches (15)	DTHETA Natural dry (16)	DTHETA Urban normal (17)	DTHETA Weighted (18)	XKSAT Corrected for Veg. in/hr (19)
S370	0.3411	0.5	99.5	0.15	0.06	0.06	1.41	67.58	68.99	30.00	17.98	18.12	0.10	7.00	0.34	0.14	0.14	0.11
S380	0.4153	7.5	92.5	0.20	0.20	0.21	12.35	24.88	37.22	30.00	28.72	30.97	0.10	7.00	0.34	0.14	0.16	0.12
S390	0.3472	43.8	56.2	0.15	0.10	0.16	2.15	20.85	23.00	30.00	13.93	27.08	0.12	6.60	0.36	0.18	0.26	0.14
S400L	5.0257	15.1	84.9	0.20	0.21	0.24	3.43	14.48	17.91	25.00	25.43	29.21	0.15	6.00	0.40	0.24	0.26	0.18
S400	3.0586	42.3	57.7	0.20	0.16	0.24	11.18	5.87	17.05	30.00	15.71	28.40	0.11	6.80	0.35	0.16	0.24	0.13
S410	1.3078	13.3	86.7	0.15	0.20	0.22	0.00	17.37	17.37	25.00	25.27	28.59	0.08	7.60	0.31	0.15	0.17	0.10

IA composite : (7) = (5)*(3)/100+(6)
RTIMP total : (10) = (8) + (9)
Vegetation Cover composite (13) = (11)*(3)/100+(12)
DTHETA composite : (18) = (16)*(3)/100 + (17)*(4)/100
XKSAT Corrected : (19) = (14)*[(13)/100 * 1.111 + 0.889] where (13) > 10 and (14) < 1.2

Appendix 3-3B:

Routing Data

Non-Structural Alternative

	Q	SV	SE	nsteps
0.2 to 0.54	0	0.0	0.0	0.0
	1000	6.0	2.8	0.4
	2000	10.1	4.1	0.4
	4000	21.6	5.9	0.3
	6000	34.3	7.1	0.3
	8000	46.8	8.0	0.3
	10000	55.1	8.7	0.2
	12000	63.1	9.1	0.2
	14000	71.8	9.5	0.2
	16000	80.3	9.9	0.2
	18000	89.7	10.3	0.2
	20000	99.4	10.7	0.2
	22000	109.6	11.1	0.2
	24000	119.5	11.4	0.2
	26000	127.1	11.7	0.2
				0.3
0.63 to 2.60	0	0.0	0.0	0.0
	1000	44.3	3.0	2.9
	2000	74.8	4.2	2.3
	4000	144.1	5.6	1.9
	6000	217.7	6.6	1.7
	8000	299.7	7.4	1.6
	10000	366.4	8.1	1.6
	12000	433.8	8.6	1.4
	14000	494.2	9.1	1.4
	16000	555.9	9.5	1.3
	18000	618.4	9.9	1.3
	20000	675.2	10.4	1.3
	22000	728.1	10.7	1.2
	24000	777.8	11.1	1.3
	26000	826.0	11.4	1.2
				1.6
2.67 to 2.73	0	0.0	0.0	0.0
	1000	2.7	3.7	0.2
	2000	4.9	5.0	0.2
	4000	8.0	6.0	0.1
	6000	11.6	6.8	0.1
	8000	15.7	7.4	0.1
	10000	18.7	8.0	0.1
	12000	21.4	8.6	0.1
	14000	24.1	9.1	0.1
	16000	26.5	9.6	0.1
	18000	29.0	10.1	0.1
	20000	31.5	10.6	0.1
	22000	33.6	11.0	0.1
	24000	34.9	11.3	0.1
	26000	38.1	11.7	0.1
				0.1
2.82 to 4.56	0	0.0	0.0	0.0
	1000	34.3	3.9	2.1
	2000	76.5	5.2	1.8
	4000	160.9	6.5	1.6
	6000	238.3	7.5	1.4
	8000	548.7	9.3	2.0
	10000	365.2	8.6	1.2
	12000	426.8	9.1	1.2
	14000	475.9	9.5	1.1
	16000	524.5	9.8	1.1
	18000	568.7	10.2	1.1
	20000	611.7	10.5	1.0
	22000	651.4	10.8	1.0
	24000	688.1	11.1	1.0
	26000	726.9	11.5	1.0
				1.3

Soft-Structural Alternative

	Q	SV	SE	nsteps
0.2 to 0.54	0	0.0	0.0	0.0
	1000	6.0	2.8	0.4
	2000	10.1	4.1	0.4
	4000	21.6	5.9	0.3
	6000	34.3	7.1	0.3
	8000	46.8	8.0	0.3
	10000	55.1	8.7	0.2
	12000	62.4	9.1	0.2
	14000	69.3	9.5	0.2
	16000	80.7	10.0	0.2
	18000	91.0	10.5	0.2
	20000	99.9	10.9	0.2
	22000	109.0	11.2	0.2
	24000	117.0	11.6	0.2
	26000	124.6	11.9	0.2
				0.3
0.63 to 2.60	0	0.0	0.0	0.0
	1000	44.3	3.0	2.9
	2000	74.8	4.2	2.3
	4000	144.1	5.6	1.9
	6000	217.2	6.6	1.7
	8000	296.6	7.4	1.6
	10000	363.2	8.1	1.6
	12000	420.7	8.6	1.4
	14000	474.5	9.1	1.4
	16000	526.0	9.5	1.3
	18000	576.1	9.9	1.3
	20000	624.9	10.3	1.3
	22000	673.5	10.7	1.2
	24000	716.9	11.0	1.2
	26000	760.8	11.4	1.1
				1.6
2.67 to 2.73	0	0.0	0.0	0.0
	1000	2.7	3.7	0.2
	2000	4.9	5.0	0.2
	4000	8.0	6.0	0.1
	6000	11.6	6.8	0.1
	8000	15.7	7.4	0.1
	10000	18.7	8.0	0.1
	12000	21.4	8.6	0.1
	14000	24.0	9.1	0.1
	16000	26.6	9.6	0.1
	18000	29.1	10.1	0.1
	20000	31.4	10.5	0.1
	22000	33.7	11.0	0.1
	24000	34.8	11.3	0.1
	26000	38.0	11.6	0.1
				0.1
2.82 to 4.56	0	0.0	0.0	0.0
	1000	34.3	3.9	2.1
	2000	76.1	5.2	1.8
	4000	157.1	6.5	1.6
	6000	218.9	7.4	1.4
	8000	267.3	8.0	1.3
	10000	323.6	8.7	1.2
	12000	365.1	9.1	1.1
	14000	404.8	9.6	1.1
	16000	441.9	10.0	1.1
	18000	477.9	10.4	1.0
	20000	513.2	10.8	1.0
	22000	546.7	11.1	1.0
	24000	579.1	11.5	1.0
	26000	610.0	11.8	0.9
				1.2

Full-Structural Alternative

0.2 to 0.54	Q	SV	SE	nsteps
	0	0.0	0.0	0.0
	1000	6.0	2.8	0.4
	2000	10.1	4.1	0.4
	4000	20.2	5.8	0.3
	6000	32.0	7.1	0.3
	8000	43.9	8.1	0.3
	10000	52.7	8.9	0.2
	12000	59.8	9.3	0.2
	14000	66.4	9.7	0.2
	16000	72.4	10.1	0.2
	18000	78.1	10.5	0.2
	20000	83.3	10.8	0.2
	22000	89.5	11.1	0.2
	24000	94.5	11.4	0.2
	26000	99.7	11.8	0.2
				0.3
0.63 to 2.60	0	0.0	0.0	0.0
	1000	44.3	3.0	2.9
	2000	75.3	4.2	2.3
	4000	141.5	5.6	1.9
	6000	211.4	6.6	1.7
	8000	281.0	7.4	1.6
	10000	339.5	8.1	1.6
	12000	394.6	8.7	1.4
	14000	441.1	9.1	1.4
	16000	485.3	9.6	1.3
	18000	525.6	10.0	1.3
	20000	566.9	10.4	1.3
	22000	607.4	10.8	1.2
	24000	645.9	11.2	1.2
	26000	683.1	11.6	1.1
				1.6
2.67 to 2.73	0	0.0	0.0	0.0
	1000	2.7	3.7	0.2
	2000	4.9	5.0	0.2
	4000	8.0	6.0	0.1
	6000	11.6	6.8	0.1
	8000	15.7	7.4	0.1
	10000	18.6	8.0	0.1
	12000	21.4	8.6	0.1
	14000	24.0	9.1	0.1
	16000	26.3	9.6	0.1
	18000	28.6	10.0	0.1
	20000	30.9	10.5	0.1
	22000	33.0	10.8	0.1
	24000	35.0	11.2	0.1
	26000	37.1	11.6	0.1
				0.1
2.82 to 4.56	0	0.0	0.0	0.0
	1000	34.3	3.9	2.1
	2000	73.9	5.2	1.8
	4000	142.2	6.5	1.5
	6000	197.7	7.5	1.4
	8000	245.0	8.2	1.3
	10000	286.7	8.8	1.2
	12000	323.1	9.4	1.1
	14000	357.1	9.9	1.1
	16000	390.2	10.4	1.0
	18000	422.6	10.9	1.0
	20000	453.5	11.3	1.0
	22000	484.2	11.8	0.9
	24000	514.0	12.2	0.9
	26000	543.2	12.7	0.9
				1.2

Non-Structural Alternative

0.22 to 0.64	Q	SV	SE	nsteps
	0	0.0	0.0	0.0
	1000	21.4	3.9	0.9
	2000	45.8	4.9	0.8
	4000	87.0	6.1	0.7
	6000	126.9	7.0	0.7
	8000	167.0	7.8	0.7
	10000	208.1	8.5	0.6
	12000	249.8	9.2	0.6
	14000	292.0	9.8	0.6
	16000	334.8	10.4	0.7
	18000	378.2	11.0	0.7
	20000	422.9	11.6	0.7
	22000	465.3	12.2	0.7
	24000	507.6	12.8	0.7
	26000	549.9	13.3	0.7
				0.7
0.72	0	0.0	0.0	0.0
	1000	2.8	3.9	0.1
	2000	5.2	4.7	0.1
	4000	9.0	5.5	0.1
	6000	12.4	6.1	0.1
	8000	15.7	6.5	0.1
	10000	18.7	6.9	0.1
	12000	21.7	7.3	0.1
	14000	24.5	7.6	0.1
	16000	26.9	7.9	0.0
	18000	29.3	8.1	0.1
	20000	31.8	8.4	0.1
	22000	34.2	8.7	0.1
	24000	36.8	8.9	0.1
	26000	39.3	9.2	0.1
				0.1
0.81 to 0.99	0	0.0	0.0	0.0
	1000	10.8	4.8	0.4
	2000	21.6	5.5	0.3
	4000	38.6	6.4	0.2
	6000	54.3	7.1	0.2
	8000	67.1	7.6	0.2
	10000	79.1	8.1	0.2
	12000	90.4	8.5	0.2
	14000	101.1	8.9	0.2
	16000	111.1	9.2	0.2
	18000	120.8	9.5	0.2
	20000	130.0	9.8	0.2
	22000	139.0	10.0	0.2
	24000	147.8	10.3	0.2
	26000	156.4	10.5	0.2
				0.2

Soft-Structural Alternative

	Q	SV	SE	nsteps
0.22 to 0.64	0	0.0	0.0	0.0
	1000	21.4	3.9	0.9
	2000	44.0	4.9	0.8
	4000	79.7	6.1	0.7
	6000	112.3	7.1	0.7
	8000	142.5	7.9	0.6
	10000	170.5	8.6	0.6
	12000	198.1	9.3	0.6
	14000	224.4	10.0	0.6
	16000	250.3	10.6	0.5
	18000	275.1	11.3	0.5
	20000	299.1	11.9	0.5
	22000	322.7	12.5	0.5
	24000	345.8	13.0	0.5
	26000	368.7	13.6	0.5
				0.6
0.72	0	0.0	0.0	0.0
	1000	2.8	3.9	0.1
	2000	5.0	4.8	0.1
	4000	8.2	5.6	0.1
	6000	10.6	6.3	0.1
	8000	12.7	6.8	0.1
	10000	14.6	7.3	0.1
	12000	16.4	7.8	0.1
	14000	18.0	8.2	0.0
	16000	19.6	8.6	0.1
	18000	21.2	9.0	0.1
	20000	22.7	9.4	0.1
	22000	24.2	9.8	0.1
	24000	25.8	10.2	0.1
	26000	27.3	10.6	0.1
				0.1
0.81 to 0.99	0	0.0	0.0	0.0
	1000	10.8	4.8	0.4
	2000	20.6	5.5	0.3
	4000	35.0	6.5	0.2
	6000	46.9	7.2	0.2
	8000	57.4	7.8	0.2
	10000	66.9	8.3	0.2
	12000	75.8	8.8	0.2
	14000	84.0	9.2	0.2
	16000	91.9	9.6	0.2
	18000	99.5	10.0	0.2
	20000	106.8	10.4	0.2
	22000	114.0	10.7	0.2
	24000	121.0	11.1	0.1
	26000	127.8	11.4	0.1
				0.2

Full-Structural Alternative

	Q	SV	SE	nsteps
0.22 to 0.64	0	0.0	0.0	0.0
	1000	21.4	3.9	0.9
	2000	44.5	4.9	0.8
	4000	81.8	6.1	0.7
	6000	117.1	7.0	0.7
	8000	152.3	7.8	0.6
	10000	188.3	8.6	0.6
	12000	224.5	9.2	0.6
	14000	260.9	9.9	0.6
	16000	297.1	10.6	0.6
	18000	332.9	11.2	0.6
	20000	368.1	11.8	0.6
	22000	402.3	12.4	0.6
	24000	434.6	13.0	0.6
	26000	466.5	13.5	0.6
				0.6
0.72	0	0.0	0.0	0.0
	1000	2.8	3.9	0.1
	2000	4.8	4.9	0.1
	4000	7.6	5.8	0.1
	6000	9.8	6.4	0.1
	8000	11.6	7.0	0.1
	10000	13.3	7.5	0.1
	12000	14.9	7.9	0.1
	14000	16.3	8.4	0.1
	16000	17.7	8.8	0.1
	18000	19.1	9.2	0.1
	20000	20.4	9.5	0.1
	22000	21.6	9.9	0.1
	24000	22.9	10.2	0.1
	26000	24.1	10.6	0.1
				0.1
0.81 to 0.99	0	0.0	0.0	0.0
	1000	10.8	4.8	0.4
	2000	20.4	5.5	0.3
	4000	34.0	6.5	0.2
	6000	45.2	7.3	0.2
	8000	54.9	7.9	0.2
	10000	63.5	8.5	0.2
	12000	71.5	9.0	0.2
	14000	79.1	9.5	0.2
	16000	86.2	9.9	0.2
	18000	93.0	10.4	0.2
	20000	99.6	10.8	0.2
	22000	105.9	11.2	0.2
	24000	112.0	11.6	0.2
	26000	118.0	12.0	0.2
				0.2

Non-Structural Alternative

	Q	SV	SE	nsteps
0.04 to 1.28	0	0.0	0.0	0.0
	1000	34.7	3.0	1.7
	2000	64.5	4.0	1.4
	4000	136.0	5.3	1.2
	6000	204.5	6.1	1.1
	8000	255.0	6.6	1.0
	10000	303.8	7.1	1.0
	12000	408.6	8.1	1.1
	14000	540.9	9.4	1.2
	16000	747.3	11.3	1.5
	18000	446.7	8.4	0.8
	20000	1508.7	18.1	2.6
	22000	507.0	8.9	0.8
	24000	535.2	9.2	0.7
	26000	565.0	9.4	0.7
				1.2
1.54 to 2.07	0	0.0	0.0	0.0
	1000	14.1	2.6	0.8
	2000	29.4	3.6	0.7
	4000	57.0	4.6	0.6
	6000	76.6	5.1	0.5
	8000	96.2	5.6	0.5
	10000	108.6	6.0	0.4
	12000	122.9	6.4	0.4
	14000	136.2	6.8	0.4
	16000	148.9	7.1	0.4
	18000	160.9	7.4	0.3
	20000	172.0	7.7	0.3
	22000	182.8	8.0	0.3
	24000	193.2	8.3	0.4
	26000	203.3	8.6	0.3
				0.4
2.07 to 2.23	0	0.0	0.0	0.0
	1000	4.7	2.6	0.2
	2000	11.2	3.9	0.2
	4000	19.0	4.9	0.1
	6000	25.2	5.4	0.1
	8000	30.2	5.8	0.1
	10000	35.1	6.2	0.1
	12000	39.2	6.4	0.1
	14000	42.8	6.7	0.1
	16000	46.3	6.9	0.1
	18000	49.7	7.2	0.1
	20000	52.8	7.4	0.1
	22000	55.9	7.6	0.1
	24000	58.9	7.8	0.1
	26000	61.9	8.0	0.1
				0.1

Soft-Structural Alternative

	Q	SV	SE	nsteps
0.04 to 1.28	0	0.0	0.0	0.0
	1000	34.7	3.0	1.7
	2000	64.5	4.0	1.4
	4000	135.9	5.3	1.2
	6000	200.8	6.1	1.1
	8000	278.3	6.8	1.1
	10000	299.2	7.1	1.0
	12000	395.3	8.1	1.0
	14000	366.5	7.7	0.9
	16000	708.1	11.3	1.4
	18000	427.8	8.3	0.8
	20000	456.9	8.6	0.8
	22000	485.3	8.9	0.8
	24000	510.8	9.2	0.7
	26000	539.6	9.4	0.7
				1.1
1.54 to 2.07	0	0.0	0.0	0.0
	1000	14.1	2.6	0.8
	2000	27.9	3.5	0.7
	4000	52.6	4.7	0.6
	6000	71.7	5.5	0.5
	8000	90.2	6.1	0.4
	10000	103.8	6.8	0.4
	12000	117.9	7.4	0.4
	14000	131.1	8.0	0.4
	16000	143.8	8.5	0.4
	18000	156.1	9.1	0.4
	20000	168.0	9.6	0.3
	22000	179.4	10.1	0.3
	24000	190.4	10.5	0.3
	26000	201.0	11.0	0.3
				0.4
2.07 to 2.23	0	0.0	0.0	0.0
	1000	4.7	2.6	0.2
	2000	11.2	3.9	0.2
	4000	21.1	4.9	0.1
	6000	29.8	5.3	0.1
	8000	38.0	5.7	0.2
	10000	46.6	6.1	0.1
	12000	60.1	6.9	0.1
	14000	74.5	7.6	0.2
	16000	88.2	8.4	0.2
	18000	101.5	9.1	0.2
	20000	114.4	9.8	0.2
	22000	127.0	10.5	0.2
	24000	139.2	11.2	0.2
	26000	154.8	12.3	0.2
				0.2

Full-Structural Alternative

	Q	SV	SE	nsteps
0.04 to 1.28	0	0.0	0.0	0.0
	1000	34.7	3.0	1.7
	2000	57.7	4.0	1.4
	4000	102.6	5.3	1.1
	6000	141.7	6.3	1.0
	8000	177.8	7.0	1.0
	10000	209.0	7.7	0.9
	12000	238.0	8.4	0.8
	14000	265.2	9.0	0.8
	16000	291.8	9.6	0.8
	18000	317.6	10.1	0.7
	20000	342.9	10.7	0.7
	22000	367.2	11.2	0.7
	24000	390.8	11.7	0.7
	26000	414.7	12.3	0.7
				0.9
1.54 to 2.07	0	0.0	0.0	0.0
	1000	14.1	2.6	0.8
	2000	27.5	3.7	0.7
	4000	46.4	4.7	0.5
	6000	60.3	5.4	0.5
	8000	72.4	6.1	0.4
	10000	83.5	6.7	0.4
	12000	93.7	7.2	0.4
	14000	103.3	7.8	0.4
	16000	112.6	8.3	0.3
	18000	121.9	8.8	0.4
	20000	131.1	9.3	0.3
	22000	140.0	9.7	0.3
	24000	148.8	10.2	0.3
	26000	157.3	10.7	0.3
				0.4
2.07 to 2.23	0	0.0	0.0	0.0
	1000	4.7	2.6	0.2
	2000	7.7	3.8	0.2
	4000	12.4	5.0	0.1
	6000	15.9	5.8	0.1
	8000	18.9	6.5	0.1
	10000	21.5	7.0	0.1
	12000	24.4	7.5	0.1
	14000	27.1	8.1	0.1
	16000	29.7	8.6	0.1
	18000	32.3	9.1	0.1
	20000	34.7	9.5	0.1
	22000	37.0	10.0	0.1
	24000	39.4	10.4	0.1
	26000	41.7	10.9	0.1
				0.1

Non-Structural Alternative

24.525 to 26.529	Q	SV	SE	nsteps
	0	0.0	0.0	0.0
	1000	55.8	4.1	7.7
	2000	105.5	5.2	6.5
	4000	229.7	6.4	5.6
	8000	395.4	7.3	4.8
	12000	563.1	8.2	4.3
	16000	726.0	8.9	4.0
	20000	877.7	9.4	3.8
	24000	1011.4	9.9	3.6
	28000	1156.0	10.3	3.5
	32000	1265.2	10.7	3.4
	36000	1378.0	11.0	3.2
	40000	1479.0	11.3	3.2
	44000	1573.7	11.5	3.1
	48000	1670.3	11.8	3.0
				4.3
26.623 to 29.130	0	0.0	0.0	0.0
	1000	65.5	3.1	9.1
	2000	107.5	4.2	7.6
	4000	179.4	5.6	6.4
	8000	293.1	7.4	5.0
	12000	404.2	8.9	4.6
	16000	515.3	10.0	4.3
	20000	657.0	11.0	4.1
	24000	863.1	11.9	4.1
	28000	1001.0	12.4	3.8
	32000	1151.4	12.9	3.7
	36000	1303.4	13.4	3.6
	40000	1436.5	13.9	3.5
	44000	1568.2	14.3	3.4
	48000	1700.3	14.7	3.4
				4.7
29.258 to 29.850	0	0.0	0.0	0.0
	1000	21.5	3.3	3.1
	2000	36.7	4.1	2.6
	4000	60.8	5.2	2.2
	8000	99.6	6.6	1.8
	12000	133.2	7.8	1.6
	16000	167.4	8.7	1.4
	20000	200.9	9.5	1.3
	24000	229.7	10.2	1.2
	28000	261.8	10.9	1.2
	32000	289.9	11.3	1.1
	36000	319.1	11.8	1.1
	40000	350.5	12.3	1.0
	44000	387.6	12.8	1.1
	48000	437.3	13.3	1.0
				1.5
30.10 to 30.85	0	0.0	0.0	0.0
	1000	25.6	3.5	3.4
	2000	41.1	4.5	2.8
	4000	70.9	5.9	2.3
	8000	134.4	7.4	2.2
	12000	190.1	8.6	1.9
	16000	254.5	9.4	1.7
	20000	316.8	10.2	1.7
	24000	377.5	10.9	1.6
	28000	431.0	11.4	1.6
	32000	480.8	11.9	1.6
	36000	537.5	12.4	1.4
	40000	582.6	12.8	1.4
	44000	624.9	13.2	1.3
	48000	664.8	13.5	1.3

				1.9
30.96 to 32.80	0	0.0	0.0	0.0
	1000	52.4	3.0	7.0
	2000	85.2	4.1	5.6
	4000	149.1	5.6	4.7
	8000	266.2	7.3	3.7
	12000	393.4	8.6	3.4
	16000	512.3	9.6	3.1
	20000	614.3	10.4	2.9
	24000	716.9	11.1	2.8
	28000	819.7	11.7	2.6
	32000	910.8	12.3	2.5
	36000	985.9	12.7	2.5
	40000	1067.6	13.1	2.4
	44000	1147.6	13.6	2.3
	48000	1222.6	14.0	2.3
				3.4
32.90 to 33.26	0	0.0	0.0	0.0
	1000	15.8	3.2	1.8
	2000	25.4	4.1	1.4
	4000	41.5	5.3	1.1
	8000	70.9	7.1	0.8
	12000	96.2	8.4	0.7
	16000	118.5	9.4	0.7
	20000	139.7	10.4	0.7
	24000	159.8	11.2	0.7
	28000	176.7	12.0	0.6
	32000	194.0	12.7	0.6
	36000	211.0	13.4	0.6
	40000	227.1	14.0	0.6
	44000	242.5	14.6	0.6
	48000	258.8	15.2	0.5
				0.8
33.36 to 33.46	0	0.0	0.0	0.0
	1000	6.3	3.7	0.7
	2000	10.0	4.9	0.5
	4000	16.0	6.6	0.5
	8000	27.0	8.9	0.4
	12000	36.2	10.3	0.4
	16000	45.1	11.6	0.2
	20000	53.0	12.7	0.2
	24000	60.7	13.6	0.2
	28000	68.4	14.5	0.2
	32000	75.7	15.4	0.2
	36000	82.7	16.2	0.2
	40000	89.3	17.0	0.1
	44000	95.7	17.8	0.2
	48000	101.9	18.5	0.2
				0.3
33.56 to 33.77	0	0.0	0.0	0.0
	1000	8.2	4.4	1.0
	2000	13.2	5.7	0.8
	4000	21.3	7.5	0.6
	8000	34.9	10.0	0.5
	12000	46.9	12.0	0.4
	16000	58.9	13.7	0.5
	20000	69.9	15.1	0.4
	24000	80.2	16.3	0.4
	28000	89.6	17.4	0.4
	32000	98.7	18.4	0.4
	36000	107.1	19.3	0.2
	40000	118.8	20.5	0.4
	44000	128.3	21.5	0.2
	48000	136.4	22.2	0.2
				0.4
33.89 to 34.92	0	0.0	0.0	0.0

	1000	32.8	4.1	4.1
	2000	54.3	5.2	3.2
	4000	94.1	6.7	2.6
	8000	170.2	8.7	2.2
	12000	233.6	9.9	2.0
	16000	290.5	11.0	1.8
	20000	342.7	11.9	1.7
	24000	391.9	12.7	1.7
	28000	438.4	13.5	1.6
	32000	483.4	14.2	1.6
	36000	527.0	14.9	1.6
	40000	570.2	15.6	1.4
	44000	612.7	16.2	1.4
	48000	655.3	16.9	1.4
				2.0
35.01 to 35.54	0	0.0	0.0	0.0
	1000	18.4	4.0	2.5
	2000	29.3	5.2	2.0
	4000	46.9	6.9	1.6
	8000	86.8	9.0	1.3
	12000	127.1	10.4	1.1
	16000	163.7	11.5	1.0
	20000	197.0	12.4	1.0
	24000	228.3	13.1	0.8
	28000	261.5	13.8	1.0
	32000	287.9	14.4	0.8
	36000	312.5	14.9	0.8
	40000	336.7	15.4	0.8
	44000	359.8	15.8	0.8
	48000	382.2	16.3	0.8
				1.2

Soft-Structural Alternative

24.525 to 26.529	Q	SV	SE	nsteps
	0	0.0	0.0	0.0
	1000	55.8	4.1	7.7
	2000	105.5	5.2	6.5
	4000	229.7	6.4	5.6
	8000	395.5	7.3	4.8
	12000	563.0	8.2	4.3
	16000	725.9	8.9	4.0
	20000	877.5	9.4	3.8
	24000	1010.7	9.9	3.6
	28000	1155.0	10.3	3.5
	32000	1262.4	10.7	3.4
	36000	1374.0	11.0	3.2
	40000	1473.6	11.3	3.2
	44000	1566.1	11.5	3.1
	48000	1660.1	11.8	3.0
				4.3
26.623 to 29.130	0	0.0	0.0	0.0
	1000	65.5	3.1	9.1
	2000	107.5	4.2	7.6
	4000	179.4	5.6	6.4
	8000	293.0	7.4	5.0
	12000	402.3	8.8	4.6
	16000	514.9	10.0	4.2
	20000	683.9	11.1	4.1
	24000	869.4	12.0	4.1
	28000	1026.1	12.6	4.0
	32000	1182.8	13.3	3.8
	36000	1349.0	14.0	3.8
	40000	1510.4	14.5	3.6
	44000	1675.6	15.1	3.6
	48000	1849.2	15.8	3.7
				4.8
29.258 to 29.850	0	0.0	0.0	0.0
	1000	21.5	3.3	3.1
	2000	36.7	4.1	2.6
	4000	60.8	5.2	2.2
	8000	99.6	6.6	1.8
	12000	133.2	7.8	1.6
	16000	167.1	8.7	1.4
	20000	200.2	9.5	1.3
	24000	228.8	10.2	1.2
	28000	256.9	10.9	1.2
	32000	281.7	11.3	1.1
	36000	307.6	11.9	1.1
	40000	335.1	12.4	1.1
	44000	368.3	13.0	1.1
	48000	415.5	13.4	1.0
				1.6
30.10 to 30.85	0	0.0	0.0	0.0
	1000	25.6	3.5	3.4
	2000	40.9	4.4	2.8
	4000	69.9	5.9	2.3
	8000	130.5	7.5	2.0
	12000	180.9	8.6	1.8
	16000	234.1	9.5	1.7
	20000	290.2	10.3	1.6
	24000	339.3	11.0	1.6
	28000	383.2	11.7	1.4
	32000	424.7	12.2	1.4
	36000	463.7	12.7	1.3
	40000	498.9	13.2	1.3
	44000	532.5	13.7	1.3
	48000	564.8	14.1	1.2

				1.8
30.96 to 32.80	0	0.0	0.0	0.0
	1000	52.4	3.0	7.0
	2000	84.2	4.2	5.6
	4000	154.4	5.6	4.7
	8000	263.5	7.4	3.7
	12000	380.3	8.8	3.2
	16000	484.5	9.8	3.0
	20000	571.2	10.6	2.9
	24000	657.0	11.4	2.6
	28000	735.0	12.1	2.5
	32000	807.0	12.8	2.5
	36000	869.5	13.2	2.4
	40000	934.3	13.8	2.3
	44000	996.9	14.4	2.2
	48000	1056.7	14.9	2.3
				3.4
32.90 to 33.26	0	0.0	0.0	0.0
	1000	15.8	3.2	1.8
	2000	24.7	4.1	1.3
	4000	40.2	5.4	1.1
	8000	69.0	7.3	1.0
	12000	90.7	8.6	0.8
	16000	111.1	9.8	0.7
	20000	130.1	10.8	0.6
	24000	147.8	11.8	0.6
	28000	163.5	12.7	0.6
	32000	178.8	13.5	0.5
	36000	193.4	14.3	0.5
	40000	207.4	15.0	0.6
	44000	221.0	15.7	0.6
	48000	234.1	16.4	0.5
				0.8
33.36 to 33.46	0	0.0	0.0	0.0
	1000	6.3	3.7	0.7
	2000	10.0	4.9	0.6
	4000	16.0	6.6	0.4
	8000	26.8	8.9	0.4
	12000	35.9	10.4	0.2
	16000	44.6	11.7	0.4
	20000	52.2	12.7	0.4
	24000	59.3	13.7	0.2
	28000	66.1	14.7	0.4
	32000	72.1	15.6	0.2
	36000	77.8	16.4	0.2
	40000	83.2	17.2	0.2
	44000	88.4	18.0	0.2
	48000	93.4	18.7	0.2
				0.3
33.56 to 33.77	0	0.0	0.0	0.0
	1000	8.2	4.4	1.0
	2000	13.1	5.7	0.8
	4000	21.0	7.5	0.7
	8000	34.0	10.1	0.5
	12000	44.7	12.1	0.5
	16000	55.6	13.9	0.4
	20000	64.5	15.4	0.2
	24000	72.5	16.8	0.4
	28000	79.9	18.0	0.2
	32000	87.0	19.2	0.4
	36000	93.6	20.3	0.4
	40000	100.4	21.5	0.2
	44000	107.3	22.7	0.2
	48000	113.6	23.8	0.2
				0.4
33.89 to 34.92	0	0.0	0.0	0.0

	1000	32.8	4.1	4.1
	2000	53.3	5.3	3.1
	4000	90.8	6.9	2.5
	8000	161.2	8.9	2.0
	12000	219.4	10.3	1.9
	16000	271.2	11.4	1.8
	20000	318.7	12.4	1.7
	24000	363.7	13.4	1.6
	28000	407.1	14.3	1.6
	32000	449.3	15.2	1.4
	36000	491.1	16.0	1.4
	40000	531.9	16.9	1.4
	44000	572.7	17.7	1.3
	48000	613.5	18.5	1.3
				1.9
35.01 to 35.54	0	0.0	0.0	0.0
	1000	18.4	4.0	2.5
	2000	29.0	5.3	2.0
	4000	46.1	6.9	1.6
	8000	80.6	9.1	1.2
	12000	118.3	10.6	1.1
	16000	149.7	11.7	1.0
	20000	178.0	12.7	1.0
	24000	205.1	13.6	1.0
	28000	230.4	14.4	0.8
	32000	253.1	15.1	0.8
	36000	273.9	15.7	0.8
	40000	294.1	16.4	0.7
	44000	313.3	16.9	0.8
	48000	331.8	17.5	0.8
				1.2

Full-Structural Alternative

	Q	SV	SE	nsteps
24.525 to 26.529	0	0.0	0.0	0.0
	1000	55.8	4.1	7.7
	2000	102.9	4.7	6.5
	4000	216.7	5.9	5.5
	8000	393.7	7.1	4.7
	12000	564.5	8.1	4.3
	16000	723.2	8.8	4.0
	20000	853.6	9.3	3.7
	24000	976.7	9.7	3.5
	28000	1107.6	10.2	3.5
	32000	1208.8	10.5	3.2
	36000	1310.7	10.9	3.2
	40000	1402.5	11.2	3.1
	44000	1488.5	11.5	3.0
	48000	1577.2	11.8	2.9
				4.2
26.623 to 29.130	0	0.0	0.0	0.0
	1000	65.5	3.1	9.1
	2000	107.5	4.2	7.6
	4000	179.5	5.6	6.2
	8000	291.5	7.4	5.0
	12000	396.8	8.9	4.6
	16000	495.6	10.0	4.2
	20000	619.7	11.1	4.1
	24000	746.7	11.9	4.0
	28000	865.9	12.6	3.6
	32000	971.8	13.2	3.6
	36000	1089.4	13.8	3.4
	40000	1185.4	14.3	3.2
	44000	1286.2	14.8	3.2
	48000	1373.7	15.3	3.1
				4.6
29.258 to 29.850	0	0.0	0.0	0.0
	1000	21.5	3.3	3.1
	2000	36.7	4.1	2.6
	4000	60.5	5.2	2.2
	8000	98.6	6.6	1.8
	12000	131.7	7.8	1.6
	16000	165.0	8.8	1.4
	20000	197.5	9.6	1.3
	24000	225.4	10.3	1.2
	28000	252.4	11.0	1.2
	32000	275.7	11.4	1.1
	36000	300.5	12.0	1.1
	40000	328.0	12.5	1.1
	44000	352.4	13.0	1.0
	48000	399.2	13.5	1.1
				1.6
30.10 to 30.85	0	0.0	0.0	0.0
	1000	25.6	3.5	3.4
	2000	40.9	4.4	2.8
	4000	69.9	5.9	2.4
	8000	130.5	7.5	2.0
	12000	180.9	8.6	1.8
	16000	234.1	9.5	1.7
	20000	290.2	10.3	1.6
	24000	339.3	11.0	1.6
	28000	383.2	11.7	1.4
	32000	424.7	12.2	1.4
	36000	463.6	12.7	1.4
	40000	498.9	13.2	1.3
	44000	532.5	13.7	1.3
	48000	564.8	14.1	1.2

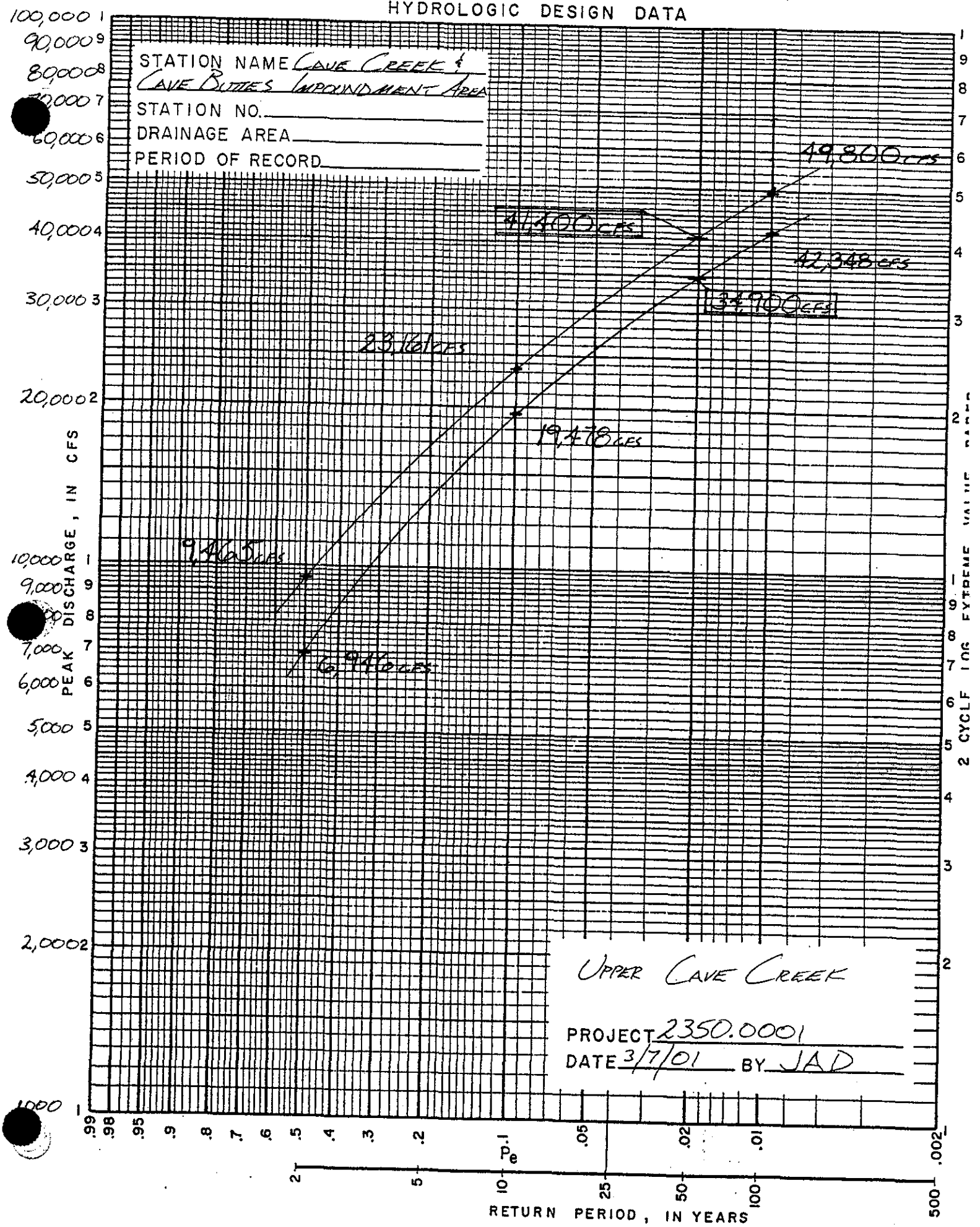
				1.8
30.96 to 32.80	0	0.0	0.0	0.0
	1000	52.4	3.0	7.0
	2000	84.2	4.2	5.6
	4000	154.4	5.6	4.6
	8000	263.5	7.4	3.7
	12000	380.3	8.8	3.2
	16000	484.5	9.8	3.0
	20000	571.2	10.6	2.8
	24000	657.0	11.4	2.6
	28000	735.0	12.1	2.6
	32000	807.0	12.8	2.4
	36000	869.5	13.2	2.3
	40000	934.3	13.8	2.3
	44000	996.9	14.4	2.3
	48000	1056.7	14.9	2.2
				3.3
32.90 to 33.26	0	0.0	0.0	0.0
	1000	15.8	3.2	1.8
	2000	24.7	4.1	1.3
	4000	40.2	5.4	1.1
	8000	69.0	7.3	0.8
	12000	90.7	8.6	0.8
	16000	111.1	9.8	0.7
	20000	130.1	10.8	0.7
	24000	147.8	11.8	0.6
	28000	163.5	12.7	0.6
	32000	178.8	13.5	0.6
	36000	193.4	14.3	0.6
	40000	207.4	15.0	0.6
	44000	221.0	15.7	0.5
	48000	234.1	16.4	0.5
				0.8
33.36 to 33.46	0	0.0	0.0	0.0
	1000	6.3	3.7	0.7
	2000	10.0	4.9	0.6
	4000	16.0	6.6	0.5
	8000	26.8	8.9	0.4
	12000	35.9	10.4	0.2
	16000	44.6	11.7	0.4
	20000	52.2	12.7	0.2
	24000	59.3	13.7	0.2
	28000	66.1	14.7	0.2
	32000	72.1	15.6	0.2
	36000	77.8	16.4	0.2
	40000	83.2	17.2	0.2
	44000	88.4	18.0	0.2
	48000	93.4	18.7	0.2
				0.3
33.56 to 33.77	0	0.0	0.0	0.0
	1000	8.2	4.4	1.0
	2000	13.1	5.7	0.8
	4000	21.0	7.5	0.6
	8000	34.0	10.1	0.5
	12000	44.8	12.1	0.5
	16000	55.6	13.9	0.4
	20000	64.5	15.4	0.4
	24000	72.5	16.8	0.4
	28000	79.9	18.0	0.4
	32000	87.0	19.2	0.4
	36000	93.6	20.3	0.2
	40000	100.4	21.5	0.2
	44000	107.3	22.7	0.2
	48000	113.6	23.8	0.2
				0.4
33.89 to 34.92	0	0.0	0.0	0.0

	1000	32.8	4.1	4.1
	2000	53.3	5.3	3.1
	4000	90.8	6.9	2.5
	8000	161.2	8.9	2.2
	12000	219.4	10.3	1.9
	16000	271.2	11.4	1.8
	20000	318.7	12.4	1.7
	24000	363.7	13.4	1.6
	28000	407.1	14.3	1.4
	32000	449.3	15.2	1.4
	36000	491.1	16.0	1.4
	40000	531.9	16.9	1.4
	44000	572.7	17.7	1.4
	48000	613.5	18.5	1.4
				2.0
35.01 to 35.54	0	0.0	0.0	0.0
	1000	18.4	4.0	2.5
	2000	29.0	5.3	2.0
	4000	46.1	6.9	1.6
	8000	80.6	9.1	1.2
	12000	118.3	10.6	1.1
	16000	149.7	11.7	1.0
	20000	178.0	12.7	1.0
	24000	205.1	13.6	1.0
	28000	230.4	14.4	1.0
	32000	253.1	15.1	0.8
	36000	273.9	15.7	0.8
	40000	294.1	16.4	0.7
	44000	313.3	16.9	0.7
	48000	331.8	17.5	0.7
				1.1

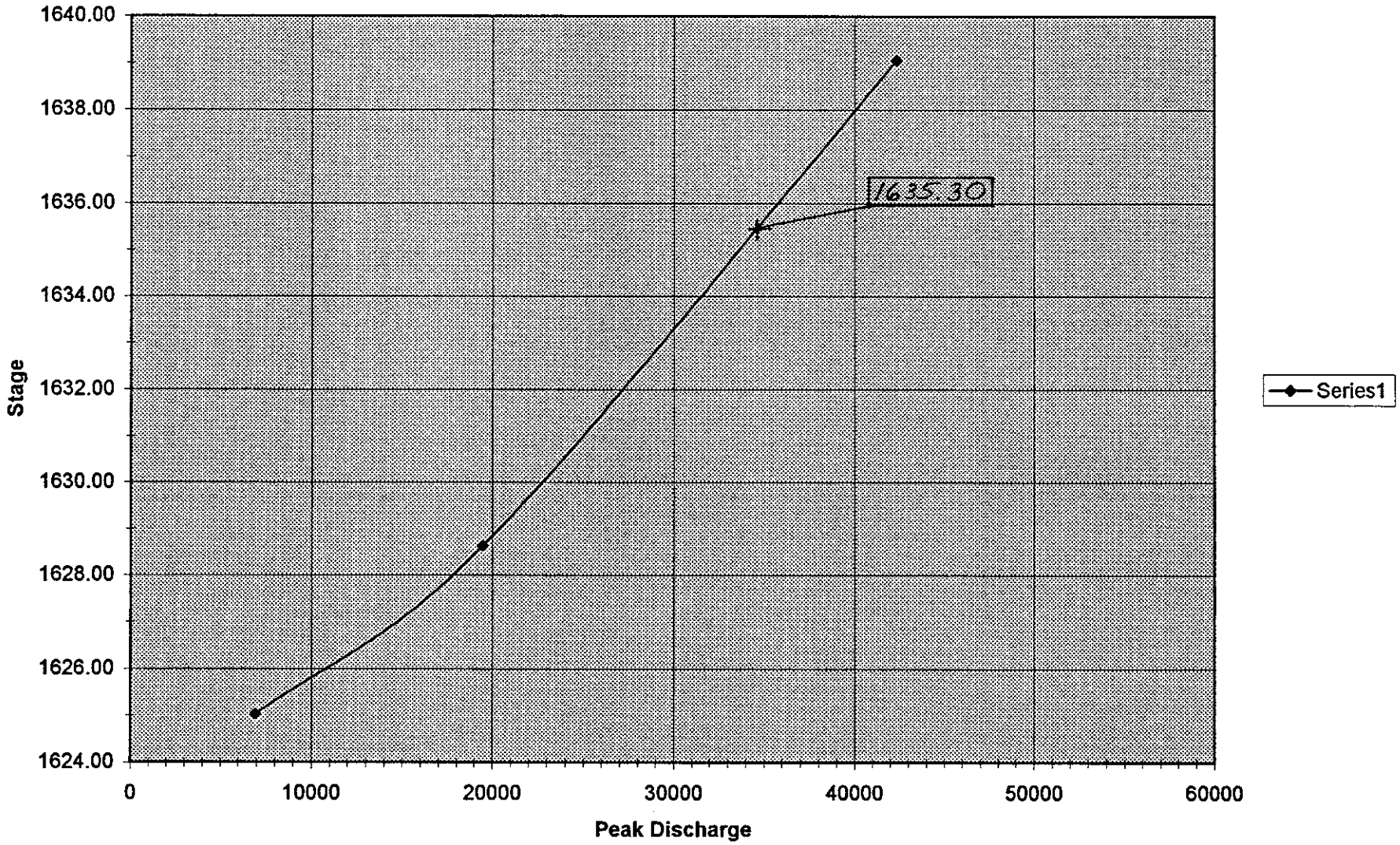
Appendix 3-3C:

Cave Creek and Cave Buttes Dam Information

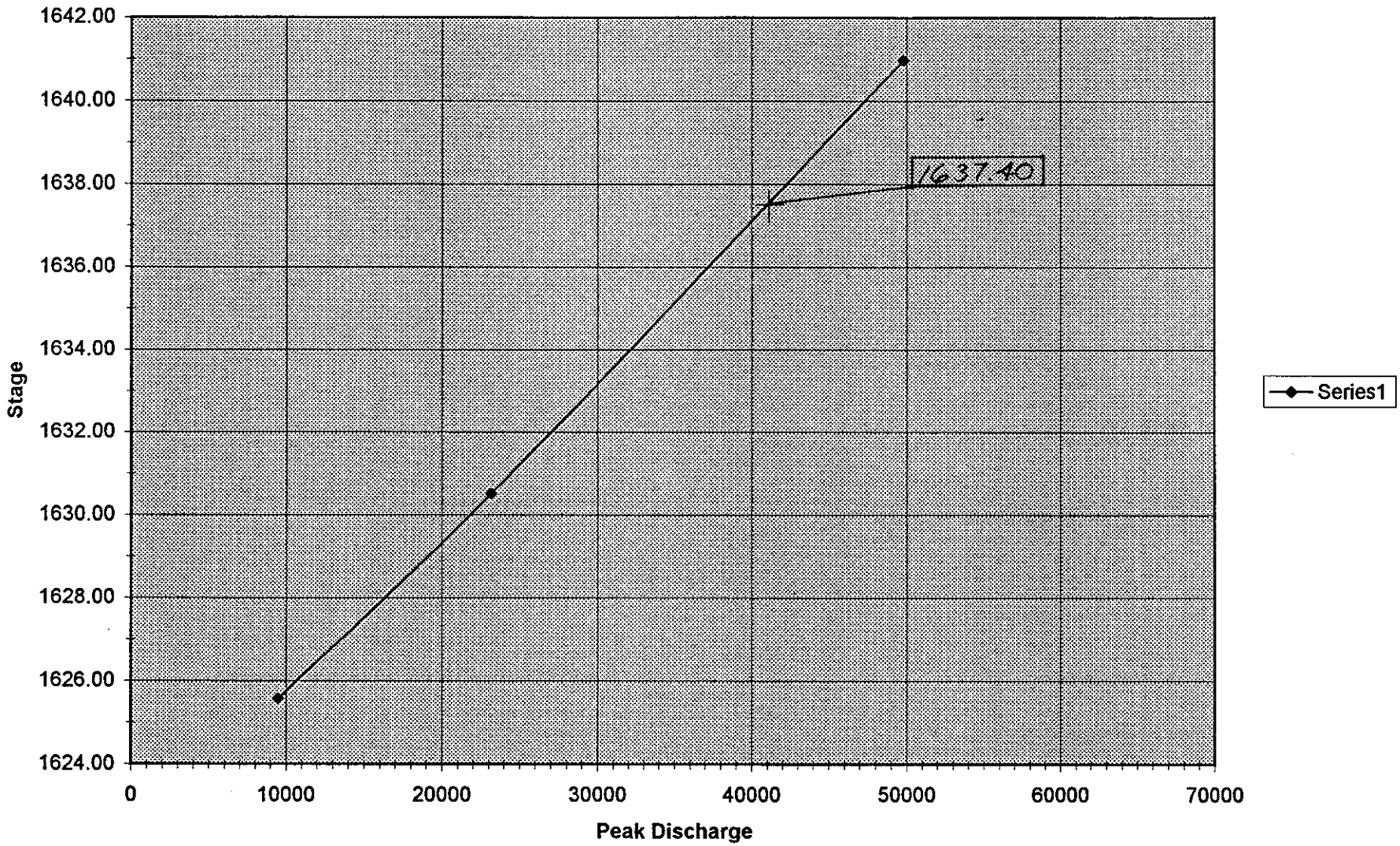
ARIZONA DEPARTMENT OF TRANSPORTATION
HYDROLOGIC DESIGN DATA



Stage/Discharge Curve for the Existing Condition



Stage/Discharge Curve for the Future Condition



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1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN  1998               *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   06MAR01  TIME  16:29:43  *
*                                      *
****************************************
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****************************************
*                                      *
*   U.S. ARMY CORPS OF ENGINEERS       *
*   HYDROLOGIC ENGINEERING CENTER      *
*         609 SECOND STREET            *
*      DAVIS, CALIFORNIA 95616         *
*          (916) 756-1104              *
*                                      *
****************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                    HEC-1 INPUT                                    PAGE  1

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

    1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File: FUCBD100.IH1
    2           ID           By: Stantec Consulting, Inc.                   Original: 07/23/99
    3           ID          For: Flood Control District of Maricopa County   Revised:
    4           ID
    5           ID        This is a future condition model of the total inflow to Cave Buttes Dam
    6           ID        Inflow hydrographs for Cave Creek and Apache Wash are developed from the
    7           ID        following:
    8           ID
    9           ID        Cave Creek Watershed at Cave Buttes Dam
   10           ID           Combined HEC-1 models from:
   11           ID             1.  George V. Sabol Consulting Engineers FCD 95-28
   12           ID                 Cave Creek Watershed at the Carefree Highway
   13           ID                 Original model dated 06-17-96 by mcg
   14           ID                 GVSCE Project No. 84
   15           ID
   16           ID             2.  Willdan Associates FCD 95-30
   17           ID                 Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   18           ID                 Original model dated 11-29-96
   19           ID                 Willdan Project No. 08855
   20           ID
   21           ID        Model Basis:
   22           ID           100-year, 24-hr rainfall with SCS Type II distribution
   23           ID           Green & Ampt Loss Rate Method
   24           ID           NMIN = 5
   25           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   26           ID           Clark Unit Hydrograph
   27           ID           Modified Puls channel storage routing
   28           ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Company
   29           ID
   30           ID        Apache Wash Watershed at Cave Buttes Dam
   31           ID           Jerry Jones and Associates, Inc. FCD 89-66
   32           ID           Apache Wash Flood Insurance Study
   33           ID           Original model dated 2-15-89
   34           ID
   35           ID        Model Basis:
   36           ID           100-year, 24-hr rainfall with SCS Type IIA distribution
   37           ID           SCS Curve Number with RTIMP
   38           ID           NMIN = 10
   39           ID           SCS dimensionless unit hydrograph
   40           ID
   41           ID
   42           ID        The remaining portion of the Cave Buttes Dam watershed is modeled as a
   43           ID        single basin for existing conditions and is based on the following:
   44           ID           100-year, 24-hour rainfall with SCS Type II distribution
   45           ID           Green & Ampt Loss Rate Method
   46           ID           NMIN = 5
   47           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   48           ID           USGS 7.5 Minutes Series Quadrangle Maps
   49           ID
                *
   50           IT       5                    900
   51           IO       5
   52           IN       5
                *
1                                    HEC-1 INPUT                                    PAGE  2

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   53           KK      CC
   54           KM         Inflow hydrograph at Cave Buttes Dam from Cave Creek
   55           BA  142.29
   56           QI       0       0       0       0       0       0       0       0       0       1
   57           QI       1       1       2       2       2       3       3       3       4       4
   58           QI       5       5       6       6       7       7       8       8       9      10
   59           QI      10      11      12      12      13      13      14      15      15      16
   60           QI      17      17      18      19      20      22      24      26      28      31
   61           QI      34      37      40      44      49      54      59      64      71      82
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 62        QI     93    104    117    132    150    168    184    198    211    222
 63        QI    232    242    250    259    267    274    282    290    298    306
 64        QI    316    327    337    346    354    362    370    378    386    394
 65        QI    403    412    420    429    437    444    452    459    466    472
 66        QI    479    485    492    499    505    512    519    526    533    541
 67        QI    549    557    565    574    584    595    606    616    627    638
 68        QI    650    662    674    688    701    715    730    745    760    777
 69        QI    795    813    831    850    871    893    917    946    977   1013
 70        QI   1053   1100   1159   1245   1372   1556   1809   2105   2452   2834
 71        QI   3203   3522   3816   4134   4522   5058   5815   7090   9180  11843
 72        QI  15287  19889  24469  28890  32863  35996  38277  39859  40811  41306
 73        QI  41463  41363  41057  40580  39956  39208  38363  37444  36480  35509
 74        QI  34497  33434  32334  31225  30136  29094  28079  27055  26035  25038
 75        QI  24087  23232  22396  21542  20688  19853  19018  18259  17569  16879
 76        QI  16183  15507  14852  14226  13667  13150  12633  12147  11641  11143
 77        QI  10669  10234   9849   9494   9163   8831   8499   8172   7853   7521
 78        QI   7209   6933   6684   6468   6281   6102   5915   5728   5533   5339
 79        QI   5148   4964   4786   4615   4453   4306   4165   4035   3921   3824
 80        QI   3745   3674   3597   3514   3424   3330   3232   3135   3037   2936
 81        QI   2835   2735   2637   2542   2449   2361   2277   2198   2127   2062
 82        QI   2001   1943   1886   1830   1775   1722   1670   1619   1568   1514
 83        QI   1456   1389   1309   1206   1106   1042   1002    973    949    929
 84        QI    910    892    876    862    848    836    825    814    804    793
 85        QI    783    772    761    750    739    727    717    706    695    683
 86        QI    672    660    649    638    626    615    604    594    583    572
 87        QI    561    551    542    532    522    512    501    490    478    466
 88        QI    454    441    429    416    404    391    379    368    357    347
 89        QI    337    328    320    311    303    296    289    282    277    270
 90        QI    263    256    248    240    231    223    214    206    198    190
 91        QI    182    174    166    159    152    145    138    132    126    121
 92        QI    116    113    109    106    103    100     97     94     91     88
 93        QI     85     82     79     77     75     72     70     68     66     64
 94        QI     63     61     59     57     55     53     51     49     47     46
 95        QI     44     42     41     40     38     37     35     33     32     30
 96        QI     29     27     26     24     23     22     21     20     19     18
 97        QI     17     17     16     16     15     15     14     14     13     13
 98        QI     12     12     11     11     10     10      9      9      8      8
 99        QI      7      7      6      6      6      5      5      4      4      4
100        QI      4      3      3      3      3      2      2      2      2      2
101        QI      1      1      1      1      1      1      1      1      1      1
102        QI      1      0      0      0      0      0      0      0      0      0
103        IN     10
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

104        KK     AW
105        KM       Inflow hydrograph to Cave Buttes Dam from Apache Wash
106        BA  30.64
107        QI      0      1      4      6      8      9      9      9      8      6
108        QI      6      6      6      7      9     11     11     10      9      9
109        QI     11     12     13     14     13     15     19     22     25     28
110        QI     31     39     61     94    701   2364   4420   5343   4688   3817
111        QI   3199   2924   2631  10543  15188  19048  19257  18221  17405  18593
112        QI  17730  15611  13556  11740  10182   8861   7747   6811   6024   5363
113        QI   4800   4313   3887   3523   3222   2975   2766   2577   2400   2242
114        QI   2108   1997   1906   1835   1781   1732   1674   1604   1537   1482
115        QI   1440   1408   1384   1368   1355   1332   1296   1254   1308   1494
116        QI   1675   1713   1599   1467   1355   1255   1213   1281   1470   1704
117        QI   1879   2008   2132   2252   2328   2266   2109   1947   1816   1686
118        QI   1544   1435   1504   1498   1392   1268   1143   1030    935    854
119        QI    785    728    679    637    599    563    528    496    465    438
120        QI    414    393    375    358    342    326    309    291    272    253
121        QI    234    217    200    184    170      0
122        IN      5
           *

123        KK   C550
124        KO      1                                 21
125        KM       Total inflow from Apache Wash and Cave Creek
126        HC      2
           *

127        KK   EAST
128        KM       Inflow hydrograph to Cave Buttes Dam from East side area
129        BA     19
130        QI      0      0      0      0      0      0      0      0      1      1
131        QI      2      4      5      8     11     14     18     23     28     34
132        QI     39     46     52     58     64     70     75     80     85     89
133        QI     92     96     99    102    104    106    108    110    112    113
134        QI    115    116    117    118    119    119    120    121    121    122
135        QI    122    123    123    124    124    125    126    127    128    129
136        QI    131    132    134    136    139    141    143    145    147    149
137        QI    151    153    154    156    157    158    159    160    161    162
138        QI    163    164    164    165    167    168    170    171    173    175
139        QI    177    179    182    184    186    188    190    192    194    196
140        QI    197    198    200    201    202    203    205    207    209    211
141        QI    214    218    223    227    232    237    243    249    255    261
142        QI    267    273    279    285    290    295    300    304    309    314
143        QI    320    326    332    340    348    357    367    379    392    406
144        QI    423    441    475    514    554    713    899   1102   1387   1878
145        QI   2475   3034   3793   4685   5654   6519   7352   8092   8740   9287
146        QI   9716   9939  10019   9979   9733   9349   8851   8267   7634   6972
147        QI   6375   5824   5325   4870   4447   4067   3718   3393   3110   2841
148        QI   2610   2414   2200   2033   1872   1720   1565   1432   1344   1251
149        QI   1159   1060    985    909    820    731    643    624    611    598
150        QI    589    580    572    561    550    539    502    464    427    380
151        QI    333    286    280    273    267    263    258    254    250    246
152        QI    242    238    234    230    227    223    220    216    213    209
153        QI    206    203    199    196    194    191    188    186    184    183
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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154          QI    181    180    179    178    176    175    174    173    172    171
155          QI    169    167    166    164    162    159    157    155    153    150
156          QI    148    146    144    142    141    139    138    137    136    135
157          QI    134    133    132    132    131    130    130    129    129    129
158          QI    128    128    128    128    128    127    127    127    127    127
159          QI    127    127    126    126    125    125    123    121    119    116
160          QI    112    108    103     98     92      0
             *

161          KK   CBD-I
162          KO       1                                21
163          KM        Total inflow to Cave Buttes Dam
164          HC       2
             *

165          KK   CBD-O
166          KO       1
167          RS       1    FLOW     -1
168          SV       0     250    700   1100   1800   2600   4000   6300   9400  13000
169          SV   17500   23000  29200  37000  46000
170          SE  1560.7    1595   1600   1605   1610   1615   1620   1625   1630   1635
171          SE    1640    1645   1650   1655   1660
172          SQ       0     132    215    243    268    290    311    330    347    365
173          SQ     381     398    413    428    442    455    468    481    493
174          SE  1560.7    1570   1580   1585   1590   1595   1600   1605   1610   1615
175          SE    1620    1625   1630   1635   1640   1645   1650   1655   1660
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176          ZZ
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1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*              JUN   1998               *
*            VERSION 4.1                *
*                                       *
*  RUN DATE   06MAR01  TIME  16:29:43   *
*                                       *
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*************************************
*                                   *
*   U.S. ARMY CORPS OF ENGINEERS    *
*   HYDROLOGIC ENGINEERING CENTER   *
*         609 SECOND STREET         *
*      DAVIS, CALIFORNIA 95616      *
*          (916) 756-1104           *
*                                   *
*************************************
```

Upper Cave Creek/Apache Wash Watercourse Master Plan File: FUCBD100.IH1
By: Stantec Consulting, Inc. Original: 07/23/99
For: Flood Control District of Maricopa County Revised:

This is a future condition model of the total inflow to Cave Buttes Dam
Inflow hydrographs for Cave Creek and Apache Wash are developed from the
following:

Cave Creek Watershed at Cave Buttes Dam
Combined HEC-1 models from:

1. George V. Sabol Consulting Engineers FCD 95-28
   Cave Creek Watershed at the Carefree Highway
   Original model dated 06-17-96 by mcg
   GVSCE Project No. 84

2. Willdan Associates FCD 95-30
   Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   Original model dated 11-29-96
   Willdan Project No. 08855

Model Basis:
100-year, 24-hr rainfall with SCS Type II distribution
Green & Ampt Loss Rate Method
NMIN = 5
Phoenix Mountain and Desert/Rangeland S-Graph
Clark Unit Hydrograph
Modified Puls channel storage routing
200 Scale 2' CI mapping of study reach by Aerial Mapping Company

Apache Wash Watershed at Cave Buttes Dam
Jerry Jones and Associates, Inc. FCD 89-66
Apache Wash Flood Insurance Study
Original model dated 2-15-89

Model Basis:
100-year, 24-hr rainfall with SCS Type IIA distribution
SCS Curve Number with RTIMP
NMIN = 10
SCS dimensionless unit hydrograph

The remaining portion of the Cave Buttes Dam watershed is modeled as a
single basin for existing conditions and is based on the following:
100-year, 24-hour rainfall with SCS Type II distribution
Green & Ampt Loss Rate Method
NMIN = 5
Phoenix Mountain and Desert/Rangeland S-Graph
USGS 7.5 Minutes Series Quadrangle Maps

```
51 IO        OUTPUT CONTROL VARIABLES
                   IPRNT          5  PRINT CONTROL
                   IPLOT          0  PLOT CONTROL
                   QSCAL         0.  HYDROGRAPH PLOT SCALE

   IT        HYDROGRAPH TIME DATA
                    NMIN          5  MINUTES IN COMPUTATION INTERVAL
                   IDATE      1    0  STARTING DATE
                   ITIME       0000  STARTING TIME
                      NQ        900  NUMBER OF HYDROGRAPH ORDINATES
                  NDDATE      4    0  ENDING DATE
                  NDTIME       0255  ENDING TIME
                   ICENT         19  CENTURY MARK
```

```
                COMPUTATION INTERVAL     .08 HOURS
                     TOTAL TIME BASE   74.92 HOURS

          ENGLISH UNITS
               DRAINAGE AREA          SQUARE MILES
               PRECIPITATION DEPTH    INCHES
               LENGTH, ELEVATION      FEET
               FLOW                   CUBIC FEET PER SECOND
               STORAGE VOLUME         ACRE-FEET
               SURFACE AREA           ACRES
               TEMPERATURE            DEGREES FAHRENHEIT


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
 123 KK     *      C550  *
            *            *
            **************

 124 KO          OUTPUT CONTROL VARIABLES
                       IPRNT          1  PRINT CONTROL
                       IPLOT          0  PLOT CONTROL
                       QSCAL         0.  HYDROGRAPH PLOT SCALE
                       IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                        IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                       ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                       ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                      TIMINT       .083  TIME INTERVAL IN HOURS

                                Total inflow from Apache Wash and Cave Creek

 126 HC          HYDROGRAPH COMBINATION
                       ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                        ***

*****************************************************************************************************************************************

                                          HYDROGRAPH AT STATION     C550
                                             SUM OF  2 HYDROGRAPHS

*****************************************************************************************************************************************
```

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	7603.	2		1330	451	171.	3		0815	676	171.
1		0005	2	1.	1		1850	227	7413.	2		1335	452	171.	3		0820	677	171.
1		0010	3	1.	1		1855	228	7173.	2		1340	453	171.	3		0825	678	171.
1		0015	4	3.	1		1900	229	6925.	2		1345	454	171.	3		0830	679	171.
1		0020	5	4.	1		1905	230	6669.	2		1350	455	171.	3		0835	680	171.
1		0025	6	5.	1		1910	231	6416.	2		1355	456	171.	3		0840	681	171.
1		0030	7	6.	1		1915	232	6170.	2		1400	457	171.	3		0845	682	171.
1		0035	8	7.	1		1920	233	5929.	2		1405	458	171.	3		0850	683	171.
1		0040	9	8.	1		1925	234	5702.	2		1410	459	171.	3		0855	684	171.
1		0045	10	10.	1		1930	235	5483.	2		1415	460	171.	3		0900	685	171.
1		0050	11	10.	1		1935	236	5289.	2		1420	461	171.	3		0905	686	171.
1		0055	12	10.	1		1940	237	5100.	2		1425	462	171.	3		0910	687	171.
1		0100	13	11.	1		1945	238	4930.	2		1430	463	171.	3		0915	688	171.
1		0105	14	11.	1		1950	239	4775.	2		1435	464	171.	3		0920	689	171.
1		0110	15	11.	1		1955	240	4644.	2		1440	465	171.	3		0925	690	171.
1		0115	16	12.	1		2000	241	4530.	2		1445	466	171.	3		0930	691	171.
1		0120	17	11.	1		2005	242	4431.	2		1450	467	171.	3		0935	692	171.
1		0125	18	10.	1		2010	243	4325.	2		1455	468	171.	3		0940	693	171.
1		0130	19	10.	1		2015	244	4218.	2		1500	469	171.	3		0945	694	171.
1		0135	20	10.	1		2020	245	4103.	2		1505	470	171.	3		0950	695	171.
1		0140	21	11.	1		2025	246	3988.	2		1510	471	171.	3		0955	696	171.
1		0145	22	11.	1		2030	247	3869.	2		1515	472	171.	3		1000	697	171.
1		0150	23	12.	1		2035	248	3753.	2		1520	473	171.	3		1005	698	171.
1		0155	24	12.	1		2040	249	3636.	2		1525	474	171.	3		1010	699	171.
1		0200	25	13.	1		2045	250	3517.	2		1530	475	171.	3		1015	700	171.
1		0205	26	14.	1		2050	251	3398.	2		1535	476	171.	3		1020	701	171.
1		0210	27	15.	1		2055	252	3281.	2		1540	477	171.	3		1025	702	171.
1		0215	28	16.	1		2100	253	3165.	2		1545	478	171.	3		1030	703	171.
1		0220	29	18.	1		2105	254	3054.	2		1550	479	171.	3		1035	704	171.
1		0225	30	20.	1		2110	255	2945.	2		1555	480	171.	3		1040	705	171.
1		0230	31	21.	1		2115	256	2842.	2		1600	481	171.	3		1045	706	171.
1		0235	32	22.	1		2120	257	2742.	2		1605	482	171.	3		1050	707	171.
1		0240	33	23.	1		2125	258	2650.	2		1610	483	171.	3		1055	708	171.
1		0245	34	23.	1		2130	259	2565.	2		1615	484	171.	3		1100	709	171.
1		0250	35	23.	1		2135	260	2488.	2		1620	485	171.	3		1105	710	171.
1		0255	36	23.	1		2140	261	2415.	2		1625	486	171.	3		1110	711	171.
1		0300	37	23.	1		2145	262	2347.	2		1630	487	171.	3		1115	712	171.
1		0305	38	24.	1		2150	263	2279.	2		1635	488	171.	3		1120	713	171.
1		0310	39	24.	1		2155	264	2214.	2		1640	489	171.	3		1125	714	171.
1		0315	40	26.	1		2200	265	2150.	2		1645	490	171.	3		1130	715	171.
1		0320	41	28.	1		2205	266	2089.	2		1650	491	171.	3		1135	716	171.
1		0325	42	29.	1		2210	267	2028.	2		1655	492	171.	3		1140	717	171.
1		0330	43	30.	1		2215	268	1969.	2		1700	493	171.	3		1145	718	171.
1		0335	44	32.	1		2220	269	1910.	2		1705	494	171.	3		1150	719	171.
1		0340	45	33.	1		2225	270	1848.	2		1710	495	171.	3		1155	720	171.
1		0345	46	36.	1		2230	271	1782.	2		1715	496	171.	3		1200	721	171.
1		0350	47	38.	1		2235	272	1707.	2		1720	497	171.	3		1205	722	171.
1		0355	48	40.	1		2240	273	1618.	2		1725	498	171.	3		1210	723	171.
1		0400	49	41.	1		2245	274	1506.	2		1730	499	171.	3		1215	724	171.
1		0405	50	45.	1		2250	275	1397.	2		1735	500	171.	3		1220	725	171.
1		0410	51	49.	1		2255	276	1324.	2		1740	501	171.	3		1225	726	171.
1		0415	52	54.	1		2300	277	1274.	2		1745	502	171.	3		1230	727	171.
1		0420	53	59.	1		2305	278	1236.	2		1750	503	171.	3		1235	728	171.
1		0425	54	65.	1		2310	279	1202.	2		1755	504	171.	3		1240	729	171.
1		0430	55	71.	1		2315	280	1173.	2		1800	505	171.	3		1245	730	171.
1		0435	56	78.	1		2320	281	1144.	2		1805	506	171.	3		1250	731	171.
1		0440	57	84.	1		2325	282	1118.	2		1810	507	171.	3		1255	732	171.

1	0445	58	91.	*	1	2330	283	1093.	*	2	1815	508	171.	*	3	1300	733	171.
1	0450	59	99.	*	1	2335	284	1071.	*	2	1820	509	171.	*	3	1305	734	171.
1	0455	60	112.	*	1	2340	285	1048.	*	2	1825	510	171.	*	3	1310	735	171.
1	0500	61	124.	*	1	2345	286	1028.	*	2	1830	511	171.	*	3	1315	736	171.
1	0505	62	139.	*	1	2350	287	1009.	*	2	1835	512	171.	*	3	1320	737	171.
1	0510	63	156.	*	1	2355	288	991.	*	2	1840	513	171.	*	3	1325	738	171.
1	0515	64	182.	*	2	0000	289	974.	*	2	1845	514	171.	*	3	1330	739	171.
1	0520	65	211.	*	2	0005	290	963.	*	2	1850	515	171.	*	3	1335	740	171.
1	0525	66	246.	*	2	0010	291	953.	*	2	1855	516	171.	*	3	1340	741	171.
1	0530	67	278.	*	2	0015	292	942.	*	2	1900	517	171.	*	3	1345	742	171.
1	0535	68	596.	*	2	0020	293	931.	*	2	1905	518	171.	*	3	1350	743	171.
1	0540	69	912.	*	2	0025	294	920.	*	2	1910	519	171.	*	3	1355	744	171.
1	0545	70	1755.	*	2	0030	295	909.	*	2	1915	520	171.	*	3	1400	745	171.
1	0550	71	2596.	*	2	0035	296	897.	*	2	1920	521	171.	*	3	1405	746	171.
1	0555	72	3634.	*	2	0040	297	887.	*	2	1925	522	171.	*	3	1410	747	171.
1	0600	73	4670.	*	2	0045	298	876.	*	2	1930	523	171.	*	3	1415	748	171.
1	0605	74	5141.	*	2	0050	299	865.	*	2	1935	524	171.	*	3	1420	749	171.
1	0610	75	5610.	*	2	0055	300	853.	*	2	1940	525	171.	*	3	1425	750	171.
1	0615	76	5290.	*	2	0100	301	842.	*	2	1945	526	171.	*	3	1430	751	171.
1	0620	77	4970.	*	2	0105	302	830.	*	2	1950	527	171.	*	3	1435	752	171.
1	0625	78	4543.	*	2	0110	303	819.	*	2	1955	528	171.	*	3	1440	753	171.
1	0630	79	4115.	*	2	0115	304	808.	*	2	2000	529	171.	*	3	1445	754	171.
1	0635	80	3814.	*	2	0120	305	796.	*	2	2005	530	171.	*	3	1450	755	171.
1	0640	81	3515.	*	2	0125	306	785.	*	2	2010	531	171.	*	3	1455	756	171.
1	0645	82	3389.	*	2	0130	307	774.	*	2	2015	532	171.	*	3	1500	757	171.
1	0650	83	3261.	*	2	0135	308	764.	*	2	2020	533	171.	*	3	1505	758	171.
1	0655	84	3124.	*	2	0140	309	753.	*	2	2025	534	171.	*	3	1510	759	171.
1	0700	85	2985.	*	2	0145	310	742.	*	2	2030	535	171.	*	3	1515	760	171.
1	0705	86	6949.	*	2	0150	311	731.	*	2	2035	536	171.	*	3	1520	761	171.
1	0710	87	10913.	*	2	0155	312	721.	*	2	2040	537	171.	*	3	1525	762	171.
1	0715	88	13244.	*	2	0200	313	712.	*	2	2045	538	171.	*	3	1530	763	171.
1	0720	89	15574.	*	2	0205	314	702.	*	2	2050	539	171.	*	3	1535	764	171.
1	0725	90	17512.	*	2	0210	315	692.	*	2	2055	540	171.	*	3	1540	765	171.
1	0730	91	19451.	*	2	0215	316	682.	*	2	2100	541	171.	*	3	1545	766	171.
1	0735	92	19565.	*	2	0220	317	671.	*	2	2105	542	171.	*	3	1550	767	171.
1	0740	93	19677.	*	2	0225	318	660.	*	2	2110	543	171.	*	3	1555	768	171.
1	0745	94	19168.	*	2	0230	319	648.	*	2	2115	544	171.	*	3	1600	769	171.
1	0750	95	18658.	*	2	0235	320	636.	*	2	2120	545	171.	*	3	1605	770	171.
1	0755	96	18257.	*	2	0240	321	624.	*	2	2125	546	171.	*	3	1610	771	171.
1	0800	97	17857.	*	2	0245	322	611.	*	2	2130	547	171.	*	3	1615	772	171.
1	0805	98	18458.	*	2	0250	323	599.	*	2	2135	548	171.	*	3	1620	773	171.
1	0810	99	19059.	*	2	0255	324	586.	*	2	2140	549	171.	*	3	1625	774	171.
1	0815	100	18634.	*	2	0300	325	574.	*	2	2145	550	171.	*	3	1630	775	171.
1	0820	101	18209.	*	2	0305	326	561.	*	2	2150	551	171.	*	3	1635	776	171.
1	0825	102	17156.	*	2	0310	327	549.	*	2	2155	552	171.	*	3	1640	777	171.
1	0830	103	16103.	*	2	0315	328	538.	*	2	2200	553	171.	*	3	1645	778	171.
1	0835	104	15083.	*	2	0320	329	527.	*	2	2205	554	171.	*	3	1650	779	171.
1	0840	105	14061.	*	2	0325	330	517.	*	2	2210	555	171.	*	3	1655	780	171.
1	0845	106	13160.	*	2	0330	331	507.	*	2	2215	556	171.	*	3	1700	781	171.
1	0850	107	12259.	*	2	0335	332	498.	*	2	2220	557	171.	*	3	1705	782	171.
1	0855	108	11487.	*	2	0340	333	490.	*	2	2225	558	171.	*	3	1710	783	171.
1	0900	109	10715.	*	2	0345	334	481.	*	2	2230	559	171.	*	3	1715	784	171.
1	0905	110	10063.	*	2	0350	335	473.	*	2	2235	560	171.	*	3	1720	785	171.
1	0910	111	9410.	*	2	0355	336	466.	*	2	2240	561	171.	*	3	1725	786	171.
1	0915	112	8861.	*	2	0400	337	459.	*	2	2245	562	171.	*	3	1730	787	171.
1	0920	113	8312.	*	2	0405	338	452.	*	2	2250	563	171.	*	3	1735	788	171.
1	0925	114	7853.	*	2	0410	339	447.	*	2	2255	564	171.	*	3	1740	789	171.
1	0930	115	7395.	*	2	0415	340	440.	*	2	2300	565	171.	*	3	1745	790	171.
1	0935	116	7013.	*	2	0420	341	433.	*	2	2305	566	171.	*	3	1750	791	171.
1	0940	117	6630.	*	2	0425	342	426.	*	2	2310	567	171.	*	3	1755	792	171.
1	0945	118	6310.	*	2	0430	343	418.	*	2	2315	568	171.	*	3	1800	793	171.
1	0950	119	5990.	*	2	0435	344	410.	*	2	2320	569	171.	*	3	1805	794	171.
1	0955	120	5720.	*	2	0440	345	401.	*	2	2325	570	171.	*	3	1810	795	171.
1	1000	121	5450.	*	2	0445	346	393.	*	2	2330	571	171.	*	3	1815	796	171.
1	1005	122	5219.	*	2	0450	347	384.	*	2	2335	572	171.	*	3	1820	797	171.
1	1010	123	4987.	*	2	0455	348	376.	*	2	2340	573	171.	*	3	1825	798	171.
1	1015	124	4788.	*	2	0500	349	368.	*	2	2345	574	171.	*	3	1830	799	171.
1	1020	125	4588.	*	2	0505	350	360.	*	2	2350	575	171.	*	3	1835	800	171.
1	1025	126	4420.	*	2	0510	351	352.	*	2	2355	576	171.	*	3	1840	801	171.
1	1030	127	4253.	*	2	0515	352	344.	*	3	0000	577	171.	*	3	1845	802	171.
1	1035	128	4118.	*	2	0520	353	336.	*	3	0005	578	171.	*	3	1850	803	171.
1	1040	129	3982.	*	2	0525	354	329.	*	3	0010	579	171.	*	3	1855	804	171.
1	1045	130	3876.	*	2	0530	355	322.	*	3	0015	580	171.	*	3	1900	805	171.
1	1050	131	3770.	*	2	0535	356	315.	*	3	0020	581	171.	*	3	1905	806	171.
1	1055	132	3684.	*	2	0540	357	308.	*	3	0025	582	171.	*	3	1910	807	171.
1	1100	133	3597.	*	2	0545	358	302.	*	3	0030	583	171.	*	3	1915	808	171.
1	1105	134	3522.	*	2	0550	359	296.	*	3	0035	584	171.	*	3	1920	809	171.
1	1110	135	3448.	*	2	0555	360	291.	*	3	0040	585	171.	*	3	1925	810	171.
1	1115	136	3382.	*	2	0600	361	286.	*	3	0045	586	171.	*	3	1930	811	171.
1	1120	137	3317.	*	2	0605	362	283.	*	3	0050	587	171.	*	3	1935	812	171.
1	1125	138	3267.	*	2	0610	363	279.	*	3	0055	588	171.	*	3	1940	813	171.
1	1130	139	3219.	*	2	0615	364	276.	*	3	0100	589	171.	*	3	1945	814	171.
1	1135	140	3188.	*	2	0620	365	273.	*	3	0105	590	171.	*	3	1950	815	171.
1	1140	141	3161.	*	2	0625	366	270.	*	3	0110	591	171.	*	3	1955	816	171.
1	1145	142	3153.	*	2	0630	367	267.	*	3	0115	592	171.	*	3	2000	817	171.
1	1150	143	3156.	*	2	0635	368	264.	*	3	0120	593	171.	*	3	2005	818	171.
1	1155	144	3197.	*	2	0640	369	261.	*	3	0125	594	171.	*	3	2010	819	171.
1	1200	145	3278.	*	2	0645	370	258.	*	3	0130	595	171.	*	3	2015	820	171.
1	1205	146	3427.	*	2	0650	371	255.	*	3	0135	596	171.	*	3	2020	821	171.
1	1210	147	3644.	*	2	0655	372	252.	*	3	0140	597	171.	*	3	2025	822	171.
1	1215	148	3913.	*	2	0700	373	249.	*	3	0145	598	171.	*	3	2030	823	171.
1	1220	149	4233.	*	2	0705	374	247.	*	3	0150	599	171.	*	3	2035	824	171.
1	1225	150	4591.	*	2	0710	375	245.	*	3	0155	600	171.	*	3	2040	825	171.
1	1230	151	4935.	*	2	0715	376	242.	*	3	0200	601	171.	*	3	2045	826	171.
1	1235	152	5225.	*	2	0720	377	240.	*	3	0205	602	171.	*	3	2050	827	171.
1	1240	153	5490.	*	2	0725	378	238.	*	3	0210	603	171.	*	3	2055	828	171.
1	1245	154	5773.	*	2	0730	379	236.	*	3	0215	604	171.	*	3	2100	829	171.
1	1250	155	6126.	*	2	0735	380	234.	*	3	0220	605	171.	*	3	2105	830	171.
1	1255	156	6629.	*	2	0740	381	233.	*	3	0225	606	171.	*	3	2110	831	171.
1	1300	157	7352.	*	2	0745	382	231.	*	3	0230	607	171.	*	3	2115	832	171.
1	1305	158	8600.	*	2	0750	383	229.	*	3	0235	608	171.	*	3	2120	833	171.
1	1310	159	10662.	*	2	0755	384	227.	*	3	0240	609	171.	*	3	2125	834	171.
1	1315	160	13304.	*	2	0800	385	225.	*	3	0245	610	171.	*	3	2130	835	171.
1	1320	161	16727.	*	2	0805	386	223.	*	3	0250	611	171.	*	3	2135	836	171.
1	1325	162	21313.	*	2	0810	387	221.	*	3	0255	612	171.	*	3	2140	837	171.
1	1330	163	25877.	*	2	0815	388	219.	*	3	0300	613	171.	*	3	2145	838	171.

1	1335	164	30286.	*	2	0820	389	217.	*	3	0305	614	171.	*	3	2150	839	171.
1	1340	165	34247.	*	2	0825	390	216.	*	3	0310	615	171.	*	3	2155	840	171.
1	1345	166	37372.	*	2	0830	391	214.	*	3	0315	616	171.	*	3	2200	841	171.
1	1350	167	39645.	*	2	0835	392	212.	*	3	0320	617	171.	*	3	2205	842	171.
1	1355	168	41221.	*	2	0840	393	211.	*	3	0325	618	171.	*	3	2210	843	171.
1	1400	169	42166.	*	2	0845	394	210.	*	3	0330	619	171.	*	3	2215	844	171.
1	1405	170	42650.	*	2	0850	395	208.	*	3	0335	620	171.	*	3	2220	845	171.
1	1410	171	42795.	*	2	0855	396	207.	*	3	0340	621	171.	*	3	2225	846	171.
1	1415	172	42677.	*	2	0900	397	205.	*	3	0345	622	171.	*	3	2230	847	171.
1	1420	173	42353.	*	2	0905	398	203.	*	3	0350	623	171.	*	3	2235	848	171.
1	1425	174	41855.	*	2	0910	399	202.	*	3	0355	624	171.	*	3	2240	849	171.
1	1430	175	41210.	*	2	0915	400	200.	*	3	0400	625	171.	*	3	2245	850	171.
1	1435	176	40489.	*	2	0920	401	199.	*	3	0405	626	171.	*	3	2250	851	171.
1	1440	177	39671.	*	2	0925	402	197.	*	3	0410	627	171.	*	3	2255	852	171.
1	1445	178	38845.	*	2	0930	403	196.	*	3	0415	628	171.	*	3	2300	853	171.
1	1450	179	37974.	*	2	0935	404	194.	*	3	0420	629	171.	*	3	2305	854	171.
1	1455	180	37094.	*	2	0940	405	193.	*	3	0425	630	171.	*	3	2310	855	171.
1	1500	181	36172.	*	2	0945	406	192.	*	3	0430	631	171.	*	3	2315	856	171.
1	1505	182	35128.	*	2	0950	407	191.	*	3	0435	632	171.	*	3	2320	857	171.
1	1510	183	34047.	*	2	0955	408	190.	*	3	0440	633	171.	*	3	2325	858	171.
1	1515	184	32881.	*	2	1000	409	189.	*	3	0445	634	171.	*	3	2330	859	171.
1	1520	185	31735.	*	2	1005	410	188.	*	3	0450	635	171.	*	3	2335	860	171.
1	1525	186	30627.	*	2	1010	411	187.	*	3	0455	636	171.	*	3	2340	861	171.
1	1530	187	29546.	*	2	1015	412	187.	*	3	0500	637	171.	*	3	2345	862	171.
1	1535	188	28466.	*	2	1020	413	186.	*	3	0505	638	171.	*	3	2350	863	171.
1	1540	189	27390.	*	2	1025	414	186.	*	3	0510	639	171.	*	3	2355	864	171.
1	1545	190	26343.	*	2	1030	415	185.	*	3	0515	640	171.	*	4	0000	865	171.
1	1550	191	25342.	*	2	1035	416	185.	*	3	0520	641	171.	*	4	0005	866	171.
1	1555	192	24466.	*	2	1040	417	184.	*	3	0525	642	171.	*	4	0010	867	171.
1	1600	193	23609.	*	2	1045	418	184.	*	3	0530	643	171.	*	4	0015	868	171.
1	1605	194	22789.	*	2	1050	419	183.	*	3	0535	644	171.	*	4	0020	869	171.
1	1610	195	21969.	*	2	1055	420	183.	*	3	0540	645	171.	*	4	0025	870	171.
1	1615	196	21229.	*	2	1100	421	182.	*	3	0545	646	171.	*	4	0030	871	171.
1	1620	197	20488.	*	2	1105	422	182.	*	3	0550	647	171.	*	4	0035	872	171.
1	1625	198	19846.	*	2	1110	423	181.	*	3	0555	648	171.	*	4	0040	873	171.
1	1630	199	19273.	*	2	1115	424	181.	*	3	0600	649	171.	*	4	0045	874	171.
1	1635	200	18671.	*	2	1120	425	180.	*	3	0605	650	171.	*	4	0050	875	171.
1	1640	201	18062.	*	2	1125	426	180.	*	3	0610	651	171.	*	4	0055	876	171.
1	1645	202	17451.	*	2	1130	427	179.	*	3	0615	652	171.	*	4	0100	877	171.
1	1650	203	16860.	*	2	1135	428	179.	*	3	0620	653	171.	*	4	0105	878	171.
1	1655	204	16296.	*	2	1140	429	178.	*	3	0625	654	171.	*	4	0110	879	171.
1	1700	205	15799.	*	2	1145	430	178.	*	3	0630	655	171.	*	4	0115	880	171.
1	1705	206	15342.	*	2	1150	431	177.	*	3	0635	656	171.	*	4	0120	881	171.
1	1710	207	14885.	*	2	1155	432	177.	*	3	0640	657	171.	*	4	0125	882	171.
1	1715	208	14437.	*	2	1200	433	176.	*	3	0645	658	171.	*	4	0130	883	171.
1	1720	209	13969.	*	2	1205	434	176.	*	3	0650	659	171.	*	4	0135	884	171.
1	1725	210	13440.	*	2	1210	435	176.	*	3	0655	660	171.	*	4	0140	885	171.
1	1730	211	12935.	*	2	1215	436	175.	*	3	0700	661	171.	*	4	0145	886	171.
1	1735	212	12422.	*	2	1220	437	175.	*	3	0705	662	171.	*	4	0150	887	171.
1	1740	213	11958.	*	2	1225	438	174.	*	3	0710	663	171.	*	4	0155	888	171.
1	1745	214	11522.	*	2	1230	439	174.	*	3	0715	664	171.	*	4	0200	889	171.
1	1750	215	11110.	*	2	1235	440	174.	*	3	0720	665	171.	*	4	0205	890	171.
1	1755	216	10713.	*	2	1240	441	174.	*	3	0725	666	171.	*	4	0210	891	171.
1	1800	217	10315.	*	2	1245	442	173.	*	3	0730	667	171.	*	4	0215	892	171.
1	1805	218	9923.	*	2	1250	443	173.	*	3	0735	668	171.	*	4	0220	893	171.
1	1810	219	9539.	*	2	1255	444	173.	*	3	0740	669	171.	*	4	0225	894	171.
1	1815	220	9136.	*	2	1300	445	173.	*	3	0745	670	171.	*	4	0230	895	171.
1	1820	221	8753.	*	2	1305	446	172.	*	3	0750	671	171.	*	4	0235	896	171.
1	1825	222	8423.	*	2	1310	447	172.	*	3	0755	672	171.	*	4	0240	897	171.
1	1830	223	8119.	*	2	1315	448	172.	*	3	0800	673	171.	*	4	0245	898	171.
1	1835	224	7938.	*	2	1320	449	172.	*	3	0805	674	171.	*	4	0250	899	171.
1	1840	225	7785.	*	2	1325	450	172.	*	3	0810	675	171.	*	4	0255	900	171.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 42795.	14.17	(CFS)	22715.	8811.	3052.	2934.
		(INCHES)	1.221	1.895	1.969	1.970
		(AC-FT)	11264.	17477.	18162.	18165.

CUMULATIVE AREA = 172.93 SQ MI

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              *            *
161 KK        *     CBD-I  *
              *            *
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162 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                              Total inflow to Cave Buttes Dam

164 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION CBD-I
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	7826.	2		1330	451	263.	3		0815	676	263.
1		0005	2	1.	1		1850	227	7633.	2		1335	452	263.	3		0820	677	263.
1		0010	3	1.	1		1855	228	7389.	2		1340	453	263.	3		0825	678	263.
1		0015	4	3.	1		1900	229	7138.	2		1345	454	263.	3		0830	679	263.
1		0020	5	4.	1		1905	230	6878.	2		1350	455	263.	3		0835	680	263.
1		0025	6	5.	1		1910	231	6622.	2		1355	456	263.	3		0840	681	263.
1		0030	7	6.	1		1915	232	6373.	2		1400	457	263.	3		0845	682	263.
1		0035	8	7.	1		1920	233	6128.	2		1405	458	263.	3		0850	683	263.
1		0040	9	9.	1		1925	234	5898.	2		1410	459	263.	3		0855	684	263.
1		0045	10	11.	1		1930	235	5677.	2		1415	460	263.	3		0900	685	263.
1		0050	11	12.	1		1935	236	5480.	2		1420	461	263.	3		0905	686	263.
1		0055	12	14.	1		1940	237	5288.	2		1425	462	263.	3		0910	687	263.
1		0100	13	16.	1		1945	238	5116.	2		1430	463	263.	3		0915	688	263.
1		0105	14	19.	1		1950	239	4959.	2		1435	464	263.	3		0920	689	263.
1		0110	15	22.	1		1955	240	4827.	2		1440	465	263.	3		0925	690	263.
1		0115	16	26.	1		2000	241	4711.	2		1445	466	263.	3		0930	691	263.
1		0120	17	29.	1		2005	242	4611.	2		1450	467	263.	3		0935	692	263.
1		0125	18	33.	1		2010	243	4504.	2		1455	468	263.	3		0940	693	263.
1		0130	19	38.	1		2015	244	4396.	2		1500	469	263.	3		0945	694	263.
1		0135	20	44.	1		2020	245	4279.	2		1505	470	263.	3		0950	695	263.
1		0140	21	50.	1		2025	246	4163.	2		1510	471	263.	3		0955	696	263.
1		0145	22	57.	1		2030	247	4043.	2		1515	472	263.	3		1000	697	263.
1		0150	23	64.	1		2035	248	3926.	2		1520	473	263.	3		1005	698	263.
1		0155	24	70.	1		2040	249	3808.	2		1525	474	263.	3		1010	699	263.
1		0200	25	77.	1		2045	250	3688.	2		1530	475	263.	3		1015	700	263.
1		0205	26	84.	1		2050	251	3567.	2		1535	476	263.	3		1020	701	263.
1		0210	27	90.	1		2055	252	3448.	2		1540	477	263.	3		1025	702	263.
1		0215	28	96.	1		2100	253	3331.	2		1545	478	263.	3		1030	703	263.
1		0220	29	103.	1		2105	254	3218.	2		1550	479	263.	3		1035	704	263.
1		0225	30	109.	1		2110	255	3107.	2		1555	480	263.	3		1040	705	263.
1		0230	31	113.	1		2115	256	3001.	2		1600	481	263.	3		1045	706	263.
1		0235	32	118.	1		2120	257	2899.	2		1605	482	263.	3		1050	707	263.
1		0240	33	122.	1		2125	258	2805.	2		1610	483	263.	3		1055	708	263.
1		0245	34	125.	1		2130	259	2718.	2		1615	484	263.	3		1100	709	263.
1		0250	35	127.	1		2135	260	2638.	2		1620	485	263.	3		1105	710	263.
1		0255	36	129.	1		2140	261	2563.	2		1625	486	263.	3		1110	711	263.
1		0300	37	131.	1		2145	262	2493.	2		1630	487	263.	3		1115	712	263.
1		0305	38	134.	1		2150	263	2423.	2		1635	488	263.	3		1120	713	263.
1		0310	39	136.	1		2155	264	2356.	2		1640	489	263.	3		1125	714	263.
1		0315	40	139.	1		2200	265	2291.	2		1645	490	263.	3		1130	715	263.
1		0320	41	143.	1		2205	266	2228.	2		1650	491	263.	3		1135	716	263.
1		0325	42	145.	1		2210	267	2166.	2		1655	492	263.	3		1140	717	263.
1		0330	43	147.	1		2215	268	2106.	2		1700	493	263.	3		1145	718	263.
1		0335	44	150.	1		2220	269	2046.	2		1705	494	263.	3		1150	719	263.
1		0340	45	152.	1		2225	270	1983.	2		1710	495	263.	3		1155	720	263.
1		0345	46	155.	1		2230	271	1916.	2		1715	496	263.	3		1200	721	263.
1		0350	47	158.	1		2235	272	1840.	2		1720	497	263.	3		1205	722	263.
1		0355	48	161.	1		2240	273	1750.	2		1725	498	263.	3		1210	723	263.
1		0400	49	162.	1		2245	274	1638.	2		1730	499	263.	3		1215	724	263.
1		0405	50	167.	1		2250	275	1528.	2		1735	500	263.	3		1220	725	263.
1		0410	51	171.	1		2255	276	1454.	2		1740	501	263.	3		1225	726	263.
1		0415	52	177.	1		2300	277	1404.	2		1745	502	263.	3		1230	727	263.
1		0420	53	182.	1		2305	278	1365.	2		1750	503	263.	3		1235	728	263.
1		0425	54	189.	1		2310	279	1331.	2		1755	504	263.	3		1240	729	263.
1		0430	55	195.	1		2315	280	1302.	2		1800	505	263.	3		1245	730	263.
1		0435	56	203.	1		2320	281	1272.	2		1805	506	263.	3		1250	731	263.
1		0440	57	210.	1		2325	282	1246.	2		1810	507	263.	3		1255	732	263.
1		0445	58	218.	1		2330	283	1221.	2		1815	508	263.	3		1300	733	263.
1		0450	59	227.	1		2335	284	1199.	2		1820	509	263.	3		1305	734	263.
1		0455	60	241.	1		2340	285	1176.	2		1825	510	263.	3		1310	735	263.
1		0500	61	255.	1		2345	286	1155.	2		1830	511	263.	3		1315	736	263.
1		0505	62	271.	1		2350	287	1136.	2		1835	512	263.	3		1320	737	263.
1		0510	63	290.	1		2355	288	1118.	2		1840	513	263.	3		1325	738	263.
1		0515	64	318.	2		0000	289	1101.	2		1845	514	263.	3		1330	739	263.
1		0520	65	350.	2		0005	290	1090.	2		1850	515	263.	3		1335	740	263.
1		0525	66	387.	2		0010	291	1080.	2		1855	516	263.	3		1340	741	263.
1		0530	67	421.	2		0015	292	1069.	2		1900	517	263.	3		1345	742	263.
1		0535	68	741.	2		0020	293	1057.	2		1905	518	263.	3		1350	743	263.
1		0540	69	1059.	2		0025	294	1046.	2		1910	519	263.	3		1355	744	263.
1		0545	70	1904.	2		0030	295	1034.	2		1915	520	263.	3		1400	745	263.
1		0550	71	2747.	2		0035	296	1022.	2		1920	521	263.	3		1405	746	263.
1		0555	72	3787.	2		0040	297	1010.	2		1925	522	263.	3		1410	747	263.
1		0600	73	4824.	2		0045	298	997.	2		1930	523	263.	3		1415	748	263.
1		0605	74	5297.	2		0050	299	984.	2		1935	524	263.	3		1420	749	263.
1		0610	75	5767.	2		0055	300	969.	2		1940	525	263.	3		1425	750	263.
1		0615	76	5448.	2		0100	301	954.	2		1945	526	263.	3		1430	751	263.
1		0620	77	5129.	2		0105	302	938.	2		1950	527	263.	3		1435	752	263.
1		0625	78	4703.	2		0110	303	922.	2		1955	528	263.	3		1440	753	263.
1		0630	79	4276.	2		0115	304	906.	2		2000	529	263.	3		1445	754	263.
1		0635	80	3976.	2		0120	305	888.	2		2005	530	263.	3		1450	755	263.
1		0640	81	3678.	2		0125	306	877.	2		2010	531	263.	3		1455	756	263.
1		0645	82	3553.	2		0130	307	866.	2		2015	532	263.	3		1500	757	263.
1		0650	83	3425.	2		0135	308	856.	2		2020	533	263.	3		1505	758	263.
1		0655	84	3289.	2		0140	309	845.	2		2025	534	263.	3		1510	759	263.
1		0700	85	3152.	2		0145	310	834.	2		2030	535	263.	3		1515	760	263.
1		0705	86	7117.	2		0150	311	823.	2		2035	536	263.	3		1520	761	263.
1		0710	87	11083.	2		0155	312	813.	2		2040	537	263.	3		1525	762	263.
1		0715	88	13415.	2		0200	313	804.	2		2045	538	263.	3		1530	763	263.
1		0720	89	15747.	2		0205	314	794.	2		2050	539	263.	3		1535	764	263.
1		0725	90	17687.	2		0210	315	784.	2		2055	540	263.	3		1540	765	263.
1		0730	91	19628.	2		0215	316	774.	2		2100	541	263.	3		1545	766	263.
1		0735	92	19744.	2		0220	317	763.	2		2105	542	263.	3		1550	767	263.
1		0740	93	19859.	2		0225	318	752.	2		2110	543	263.	3		1555	768	263.
1		0745	94	19352.	2		0230	319	740.	2		2115	544	263.	3		1600	769	263.
1		0750	95	18844.	2		0235	320	728.	2		2120	545	263.	3		1605	770	263.
1		0755	96	18445.	2		0240	321	716.	2		2125	546	263.	3		1610	771	263.
1		0800	97	18047.	2		0245	322	703.	2		2130	547	263.	3		1615	772	263.
1		0805	98	18650.	2		0250	323	691.	2		2135	548	263.	3		1620	773	263.
1		0810	99	19253.	2		0255	324	678.	2		2140	549	263.	3		1625	774	263.

1	0815	100	18830.	*	2	0300	325	666.	*	2	2145	550	263.	*	3	1630	775	263.
1	0820	101	18406.	*	2	0305	326	653.	*	2	2150	551	263.	*	3	1635	776	263.
1	0825	102	17354.	*	2	0310	327	641.	*	2	2155	552	263.	*	3	1640	777	263.
1	0830	103	16303.	*	2	0315	328	630.	*	2	2200	553	263.	*	3	1645	778	263.
1	0835	104	15284.	*	2	0320	329	619.	*	2	2205	554	263.	*	3	1650	779	263.
1	0840	105	14263.	*	2	0325	330	609.	*	2	2210	555	263.	*	3	1655	780	263.
1	0845	106	13363.	*	2	0330	331	599.	*	2	2215	556	263.	*	3	1700	781	263.
1	0850	107	12464.	*	2	0335	332	590.	*	2	2220	557	263.	*	3	1705	782	263.
1	0855	108	11694.	*	2	0340	333	582.	*	2	2225	558	263.	*	3	1710	783	263.
1	0900	109	10924.	*	2	0345	334	573.	*	2	2230	559	263.	*	3	1715	784	263.
1	0905	110	10274.	*	2	0350	335	565.	*	2	2235	560	263.	*	3	1720	785	263.
1	0910	111	9624.	*	2	0355	336	558.	*	2	2240	561	263.	*	3	1725	786	263.
1	0915	112	9079.	*	2	0400	337	551.	*	2	2245	562	263.	*	3	1730	787	263.
1	0920	113	8535.	*	2	0405	338	544.	*	2	2250	563	263.	*	3	1735	788	263.
1	0925	114	8080.	*	2	0410	339	539.	*	2	2255	564	263.	*	3	1740	789	263.
1	0930	115	7627.	*	2	0415	340	532.	*	2	2300	565	263.	*	3	1745	790	263.
1	0935	116	7250.	*	2	0420	341	525.	*	2	2305	566	263.	*	3	1750	791	263.
1	0940	117	6873.	*	2	0425	342	518.	*	2	2310	567	263.	*	3	1755	792	263.
1	0945	118	6559.	*	2	0430	343	510.	*	2	2315	568	263.	*	3	1800	793	263.
1	0950	119	6245.	*	2	0435	344	502.	*	2	2320	569	263.	*	3	1805	794	263.
1	0955	120	5981.	*	2	0440	345	493.	*	2	2325	570	263.	*	3	1810	795	263.
1	1000	121	5717.	*	2	0445	346	485.	*	2	2330	571	263.	*	3	1815	796	263.
1	1005	122	5492.	*	2	0450	347	476.	*	2	2335	572	263.	*	3	1820	797	263.
1	1010	123	5266.	*	2	0455	348	468.	*	2	2340	573	263.	*	3	1825	798	263.
1	1015	124	5073.	*	2	0500	349	460.	*	2	2345	574	263.	*	3	1830	799	263.
1	1020	125	4878.	*	2	0505	350	452.	*	2	2350	575	263.	*	3	1835	800	263.
1	1025	126	4715.	*	2	0510	351	444.	*	2	2355	576	263.	*	3	1840	801	263.
1	1030	127	4553.	*	2	0515	352	436.	*	3	0000	577	263.	*	3	1845	802	263.
1	1035	128	4422.	*	2	0520	353	428.	*	3	0005	578	263.	*	3	1850	803	263.
1	1040	129	4291.	*	2	0525	354	421.	*	3	0010	579	263.	*	3	1855	804	263.
1	1045	130	4190.	*	2	0530	355	414.	*	3	0015	580	263.	*	3	1900	805	263.
1	1050	131	4090.	*	2	0535	356	407.	*	3	0020	581	263.	*	3	1905	806	263.
1	1055	132	4010.	*	2	0540	357	400.	*	3	0025	582	263.	*	3	1910	807	263.
1	1100	133	3929.	*	2	0545	358	394.	*	3	0030	583	263.	*	3	1915	808	263.
1	1105	134	3862.	*	2	0550	359	388.	*	3	0035	584	263.	*	3	1920	809	263.
1	1110	135	3796.	*	2	0555	360	383.	*	3	0040	585	263.	*	3	1925	810	263.
1	1115	136	3739.	*	2	0600	361	378.	*	3	0045	586	263.	*	3	1930	811	263.
1	1120	137	3684.	*	2	0605	362	375.	*	3	0050	587	263.	*	3	1935	812	263.
1	1125	138	3646.	*	2	0610	363	371.	*	3	0055	588	263.	*	3	1940	813	263.
1	1130	139	3611.	*	2	0615	364	368.	*	3	0100	589	263.	*	3	1945	814	263.
1	1135	140	3594.	*	2	0620	365	365.	*	3	0105	590	263.	*	3	1950	815	263.
1	1140	141	3584.	*	2	0625	366	362.	*	3	0110	591	263.	*	3	1955	816	263.
1	1145	142	3594.	*	2	0630	367	359.	*	3	0115	592	263.	*	3	2000	817	263.
1	1150	143	3631.	*	2	0635	368	356.	*	3	0120	593	263.	*	3	2005	818	263.
1	1155	144	3711.	*	2	0640	369	353.	*	3	0125	594	263.	*	3	2010	819	263.
1	1200	145	3832.	*	2	0645	370	350.	*	3	0130	595	263.	*	3	2015	820	263.
1	1205	146	4140.	*	2	0650	371	347.	*	3	0135	596	263.	*	3	2020	821	263.
1	1210	147	4543.	*	2	0655	372	344.	*	3	0140	597	263.	*	3	2025	822	263.
1	1215	148	5015.	*	2	0700	373	341.	*	3	0145	598	263.	*	3	2030	823	263.
1	1220	149	5620.	*	2	0705	374	339.	*	3	0150	599	263.	*	3	2035	824	263.
1	1225	150	6469.	*	2	0710	375	337.	*	3	0155	600	263.	*	3	2040	825	263.
1	1230	151	7410.	*	2	0715	376	334.	*	3	0200	601	263.	*	3	2045	826	263.
1	1235	152	8259.	*	2	0720	377	332.	*	3	0205	602	263.	*	3	2050	827	263.
1	1240	153	9283.	*	2	0725	378	330.	*	3	0210	603	263.	*	3	2055	828	263.
1	1245	154	10458.	*	2	0730	379	328.	*	3	0215	604	263.	*	3	2100	829	263.
1	1250	155	11780.	*	2	0735	380	326.	*	3	0220	605	263.	*	3	2105	830	263.
1	1255	156	13148.	*	2	0740	381	325.	*	3	0225	606	263.	*	3	2110	831	263.
1	1300	157	14704.	*	2	0745	382	323.	*	3	0230	607	263.	*	3	2115	832	263.
1	1305	158	16692.	*	2	0750	383	321.	*	3	0235	608	263.	*	3	2120	833	263.
1	1310	159	19402.	*	2	0755	384	319.	*	3	0240	609	263.	*	3	2125	834	263.
1	1315	160	22591.	*	2	0800	385	317.	*	3	0245	610	263.	*	3	2130	835	263.
1	1320	161	26443.	*	2	0805	386	315.	*	3	0250	611	263.	*	3	2135	836	263.
1	1325	162	31252.	*	2	0810	387	313.	*	3	0255	612	263.	*	3	2140	837	263.
1	1330	163	35896.	*	2	0815	388	311.	*	3	0300	613	263.	*	3	2145	838	263.
1	1335	164	40265.	*	2	0820	389	309.	*	3	0305	614	263.	*	3	2150	839	263.
1	1340	165	43980.	*	2	0825	390	308.	*	3	0310	615	263.	*	3	2155	840	263.
1	1345	166	46721.	*	2	0830	391	306.	*	3	0315	616	263.	*	3	2200	841	263.
1	1350	167	48496.	*	2	0835	392	304.	*	3	0320	617	263.	*	3	2205	842	263.
1	1355	168	49488.	*	2	0840	393	303.	*	3	0325	618	263.	*	3	2210	843	263.
1	1400	169	49800.	*	2	0845	394	302.	*	3	0330	619	263.	*	3	2215	844	263.
1	1405	170	49622.	*	2	0850	395	300.	*	3	0335	620	263.	*	3	2220	845	263.
1	1410	171	49170.	*	2	0855	396	299.	*	3	0340	621	263.	*	3	2225	846	263.
1	1415	172	48501.	*	2	0900	397	297.	*	3	0345	622	263.	*	3	2230	847	263.
1	1420	173	47678.	*	2	0905	398	295.	*	3	0350	623	263.	*	3	2235	848	263.
1	1425	174	46725.	*	2	0910	399	294.	*	3	0355	624	263.	*	3	2240	849	263.
1	1430	175	45657.	*	2	0915	400	292.	*	3	0400	625	263.	*	3	2245	850	263.
1	1435	176	44556.	*	2	0920	401	291.	*	3	0405	626	263.	*	3	2250	851	263.
1	1440	177	43389.	*	2	0925	402	289.	*	3	0410	627	263.	*	3	2255	852	263.
1	1445	178	42238.	*	2	0930	403	288.	*	3	0415	628	263.	*	3	2300	853	263.
1	1450	179	41084.	*	2	0935	404	286.	*	3	0420	629	263.	*	3	2305	854	263.
1	1455	180	39935.	*	2	0940	405	285.	*	3	0425	630	263.	*	3	2310	855	263.
1	1500	181	38782.	*	2	0945	406	284.	*	3	0430	631	263.	*	3	2315	856	263.
1	1505	182	37542.	*	2	0950	407	283.	*	3	0435	632	263.	*	3	2320	857	263.
1	1510	183	36247.	*	2	0955	408	282.	*	3	0440	633	263.	*	3	2325	858	263.
1	1515	184	34914.	*	2	1000	409	281.	*	3	0445	634	263.	*	3	2330	859	263.
1	1520	185	33607.	*	2	1005	410	280.	*	3	0450	635	263.	*	3	2335	860	263.
1	1525	186	32347.	*	2	1010	411	279.	*	3	0455	636	263.	*	3	2340	861	263.
1	1530	187	31111.	*	2	1015	412	279.	*	3	0500	637	263.	*	3	2345	862	263.
1	1535	188	29898.	*	2	1020	413	278.	*	3	0505	638	263.	*	3	2350	863	263.
1	1540	189	28734.	*	2	1025	414	278.	*	3	0510	639	263.	*	3	2355	864	263.
1	1545	190	27594.	*	2	1030	415	277.	*	3	0515	640	263.	*	4	0000	865	263.
1	1550	191	26501.	*	2	1035	416	277.	*	3	0520	641	263.	*	4	0005	866	263.
1	1555	192	25526.	*	2	1040	417	276.	*	3	0525	642	263.	*	4	0010	867	263.
1	1600	193	24594.	*	2	1045	418	276.	*	3	0530	643	263.	*	4	0015	868	263.
1	1605	194	23698.	*	2	1050	419	275.	*	3	0535	644	263.	*	4	0020	869	263.
1	1610	195	22789.	*	2	1055	420	275.	*	3	0540	645	263.	*	4	0025	870	263.
1	1615	196	21960.	*	2	1100	421	274.	*	3	0545	646	263.	*	4	0030	871	263.
1	1620	197	21131.	*	2	1105	422	274.	*	3	0550	647	263.	*	4	0035	872	263.
1	1625	198	20470.	*	2	1110	423	273.	*	3	0555	648	263.	*	4	0040	873	263.
1	1630	199	19884.	*	2	1115	424	273.	*	3	0600	649	263.	*	4	0045	874	263.
1	1635	200	19269.	*	2	1120	425	272.	*	3	0605	650	263.	*	4	0050	875	263.
1	1640	201	18651.	*	2	1125	426	272.	*	3	0610	651	263.	*	4	0055	876	263.
1	1645	202	18031.	*	2	1130	427	271.	*	3	0615	652	263.	*	4	0100	877	263.
1	1650	203	17432.	*	2	1135	428	271.	*	3	0620	653	263.	*	4	0105	878	263.
1	1655	204	16857.	*	2	1140	429	270.	*	3	0625	654	263.	*	4	0110	879	263.
1	1700	205	16349.	*	2	1145	430	270.	*	3	0630	655	263.	*	4	0115	880	263.

1	1705	206	15881.	*	2	1150	431	269.	*	3	0635	656	263.	*	4	0120	881	263.
1	1710	207	15387.	*	2	1155	432	269.	*	3	0640	657	263.	*	4	0125	882	263.
1	1715	208	14901.	*	2	1200	433	268.	*	3	0645	658	263.	*	4	0130	883	263.
1	1720	209	14396.	*	2	1205	434	268.	*	3	0650	659	263.	*	4	0135	884	263.
1	1725	210	13820.	*	2	1210	435	268.	*	3	0655	660	263.	*	4	0140	885	263.
1	1730	211	13268.	*	2	1215	436	267.	*	3	0700	661	263.	*	4	0145	886	263.
1	1735	212	12708.	*	2	1220	437	267.	*	3	0705	662	263.	*	4	0150	887	263.
1	1740	213	12238.	*	2	1225	438	266.	*	3	0710	663	263.	*	4	0155	888	263.
1	1745	214	11795.	*	2	1230	439	266.	*	3	0715	664	263.	*	4	0200	889	263.
1	1750	215	11377.	*	2	1235	440	266.	*	3	0720	665	263.	*	4	0205	890	263.
1	1755	216	10976.	*	2	1240	441	266.	*	3	0725	666	263.	*	4	0210	891	263.
1	1800	217	10573.	*	2	1245	442	265.	*	3	0730	667	263.	*	4	0215	892	263.
1	1805	218	10177.	*	2	1250	443	265.	*	3	0735	668	263.	*	4	0220	893	263.
1	1810	219	9789.	*	2	1255	444	265.	*	3	0740	669	263.	*	4	0225	894	263.
1	1815	220	9382.	*	2	1300	445	265.	*	3	0745	670	263.	*	4	0230	895	263.
1	1820	221	8995.	*	2	1305	446	264.	*	3	0750	671	263.	*	4	0235	896	263.
1	1825	222	8661.	*	2	1310	447	264.	*	3	0755	672	263.	*	4	0240	897	263.
1	1830	223	8353.	*	2	1315	448	264.	*	3	0800	673	263.	*	4	0245	898	263.
1	1835	224	8168.	*	2	1320	449	264.	*	3	0805	674	263.	*	4	0250	899	263.
1	1840	225	8012.	*	2	1325	450	264.	*	3	0810	675	263.	*	4	0255	900	263.
				*					*					*				

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 49800.	14.00	25747.	9753.	3429.	3297.
		(INCHES) 1.247	1.890	1.993	1.994
		(AC-FT) 12767.	19345.	20402.	20414.

CUMULATIVE AREA = 191.93 SQ MI

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              *            *
165 KK        *    CBD-O   *
              *            *
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166 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

              HYDROGRAPH ROUTING DATA

167 RS          STORAGE ROUTING
                     NSTPS          1  NUMBER OF SUBREACHES
                      ITYP       FLOW  TYPE OF INITIAL CONDITION
                    RSVRIC      -1.00  INITIAL CONDITION
                         X        .00 WORKING R AND D COEFFICIENT

168 SV            STORAGE         .0     250.0     700.0    1100.0    1800.0    2600.0    4000.0    6300.0    9400.0   13000.0
                            17500.0   23000.0   29200.0   37000.0   46000.0

170 SE          ELEVATION    1560.70   1595.00   1600.00   1605.00   1610.00   1615.00   1620.00   1625.00   1630.00   1635.00
                             1640.00   1645.00   1650.00   1655.00   1660.00

172 SQ          DISCHARGE         0.      132.      215.      243.      268.      290.      311.      330.      347.      365.
                                381.      398.      413.      428.      442.      455.      468.      481.      493.

174 SE          ELEVATION    1560.70   1570.00   1580.00   1585.00   1590.00   1595.00   1600.00   1605.00   1610.00   1615.00
                             1620.00   1625.00   1630.00   1635.00   1640.00   1645.00   1650.00   1655.00   1660.00
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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	67.78	140.67	177.11	213.56	250.00	700.00	1100.00	1800.00	2600.00
OUTFLOW	.00	132.00	215.00	243.00	268.00	290.00	311.00	330.00	347.00	365.00
ELEVATION	1560.70	1570.00	1580.00	1585.00	1590.00	1595.00	1600.00	1605.00	1610.00	1615.00

STORAGE	4000.00	6300.00	9400.00	13000.00	17500.00	23000.00	29200.00	37000.00	46000.00
OUTFLOW	381.00	398.00	413.00	428.00	442.00	455.00	468.00	481.00	493.00
ELEVATION	1620.00	1625.00	1630.00	1635.00	1640.00	1645.00	1650.00	1655.00	1660.00

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HYDROGRAPH AT STATION CBD-O

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1560.7	*	2		0100	301	444.	18504.7	1640.9	*	3		0200	601	444.	18301.7	1640.7
1		0005	2	0.	.0	1560.7	*	2		0105	302	444.	18508.1	1640.9	*	3		0205	602	444.	18300.4	1640.7
1		0010	3	0.	.0	1560.7	*	2		0110	303	444.	18511.5	1640.9	*	3		0210	603	444.	18299.2	1640.7
1		0015	4	0.	.0	1560.7	*	2		0115	304	444.	18514.7	1640.9	*	3		0215	604	444.	18297.9	1640.7
1		0020	5	0.	.0	1560.7	*	2		0120	305	444.	18517.8	1640.9	*	3		0220	605	444.	18296.7	1640.7
1		0025	6	0.	.1	1560.7	*	2		0125	306	444.	18520.8	1640.9	*	3		0225	606	444.	18295.5	1640.7
1		0030	7	0.	.1	1560.7	*	2		0130	307	444.	18523.8	1640.9	*	3		0230	607	444.	18294.2	1640.7
1		0035	8	0.	.2	1560.7	*	2		0135	308	444.	18526.6	1640.9	*	3		0235	608	444.	18293.0	1640.7
1		0040	9	0.	.2	1560.7	*	2		0140	309	444.	18529.4	1640.9	*	3		0240	609	444.	18291.7	1640.7
1		0045	10	1.	.3	1560.7	*	2		0145	310	444.	18532.2	1640.9	*	3		0245	610	444.	18290.5	1640.7
1		0050	11	1.	.3	1560.7	*	2		0150	311	444.	18534.8	1640.9	*	3		0250	611	444.	18289.2	1640.7
1		0055	12	1.	.4	1560.8	*	2		0155	312	444.	18537.4	1640.9	*	3		0255	612	444.	18288.0	1640.7
1		0100	13	1.	.5	1560.8	*	2		0200	313	444.	18539.9	1640.9	*	3		0300	613	444.	18286.7	1640.7
1		0105	14	1.	.6	1560.8	*	2		0205	314	444.	18542.3	1640.9	*	3		0305	614	444.	18285.5	1640.7
1		0110	15	1.	.8	1560.8	*	2		0210	315	444.	18544.7	1640.9	*	3		0310	615	444.	18284.2	1640.7
1		0115	16	2.	.9	1560.8	*	2		0215	316	444.	18547.0	1641.0	*	3		0315	616	444.	18283.0	1640.7

1	0120	17	2.	1.1	1560.8	*	2	0220	317	444.	18549.2	1641.0	*	3	0320	617	444.	18281.8	1640.7
1	0125	18	3.	1.3	1560.9	*	2	0225	318	444.	18551.4	1641.0	*	3	0325	618	444.	18280.5	1640.7
1	0130	19	3.	1.5	1560.9	*	2	0230	319	444.	18553.5	1641.0	*	3	0330	619	444.	18279.3	1640.7
1	0135	20	3.	1.8	1560.9	*	2	0235	320	444.	18555.5	1641.0	*	3	0335	620	444.	18278.0	1640.7
1	0140	21	4.	2.1	1561.0	*	2	0240	321	444.	18557.4	1641.0	*	3	0340	621	444.	18276.8	1640.7
1	0145	22	5.	2.4	1561.0	*	2	0245	322	445.	18559.2	1641.0	*	3	0345	622	444.	18275.5	1640.7
1	0150	23	5.	2.8	1561.1	*	2	0250	323	445.	18560.9	1641.0	*	3	0350	623	444.	18274.3	1640.7
1	0155	24	6.	3.2	1561.1	*	2	0255	324	445.	18562.6	1641.0	*	3	0355	624	444.	18273.0	1640.7
1	0200	25	7.	3.7	1561.2	*	2	0300	325	445.	18564.2	1641.0	*	3	0400	625	444.	18271.8	1640.7
1	0205	26	8.	4.2	1561.3	*	2	0305	326	445.	18565.6	1641.0	*	3	0405	626	444.	18270.6	1640.7
1	0210	27	9.	4.7	1561.3	*	2	0310	327	445.	18567.0	1641.0	*	3	0410	627	444.	18269.3	1640.7
1	0215	28	10.	5.3	1561.4	*	2	0315	328	445.	18568.3	1641.0	*	3	0415	628	444.	18268.1	1640.7
1	0220	29	11.	5.9	1561.5	*	2	0320	329	445.	18569.6	1641.0	*	3	0420	629	444.	18266.8	1640.7
1	0225	30	13.	6.5	1561.6	*	2	0325	330	445.	18570.8	1641.0	*	3	0425	630	444.	18265.6	1640.7
1	0230	31	14.	7.2	1561.7	*	2	0330	331	445.	18571.9	1641.0	*	3	0430	631	444.	18264.3	1640.7
1	0235	32	15.	7.9	1561.8	*	2	0335	332	445.	18572.9	1641.0	*	3	0435	632	444.	18263.1	1640.7
1	0240	33	17.	8.6	1561.9	*	2	0340	333	445.	18573.9	1641.0	*	3	0440	633	444.	18261.8	1640.7
1	0245	34	18.	9.4	1562.0	*	2	0345	334	445.	18574.8	1641.0	*	3	0445	634	444.	18260.6	1640.7
1	0250	35	20.	10.1	1562.1	*	2	0350	335	445.	18575.6	1641.0	*	3	0450	635	444.	18259.3	1640.7
1	0255	36	21.	10.8	1562.2	*	2	0355	336	445.	18576.4	1641.0	*	3	0455	636	444.	18258.1	1640.7
1	0300	37	23.	11.6	1562.3	*	2	0400	337	445.	18577.2	1641.0	*	3	0500	637	444.	18256.9	1640.7
1	0305	38	24.	12.3	1562.4	*	2	0405	338	445.	18577.9	1641.0	*	3	0505	638	444.	18255.6	1640.7
1	0310	39	25.	13.1	1562.5	*	2	0410	339	445.	18578.6	1641.0	*	3	0510	639	444.	18254.4	1640.7
1	0315	40	27.	13.9	1562.6	*	2	0415	340	445.	18579.2	1641.0	*	3	0515	640	444.	18253.1	1640.7
1	0320	41	28.	14.6	1562.7	*	2	0420	341	445.	18579.8	1641.0	*	3	0520	641	444.	18251.9	1640.7
1	0325	42	30.	15.4	1562.8	*	2	0425	342	445.	18580.3	1641.0	*	3	0525	642	444.	18250.6	1640.7
1	0330	43	32.	16.2	1562.9	*	2	0430	343	445.	18580.8	1641.0	*	3	0530	643	444.	18249.4	1640.7
1	0335	44	33.	17.0	1563.0	*	2	0435	344	445.	18581.2	1641.0	*	3	0535	644	444.	18248.1	1640.7
1	0340	45	35.	17.8	1563.1	*	2	0440	345	445.	18581.6	1641.0	*	3	0540	645	444.	18246.9	1640.7
1	0345	46	36.	18.6	1563.3	*	2	0445	346	445.	18581.9	1641.0	*	3	0545	646	444.	18245.7	1640.7
1	0350	47	38.	19.4	1563.4	*	2	0450	347	445.	18582.1	1641.0	*	3	0550	647	444.	18244.4	1640.7
1	0355	48	39.	20.3	1563.5	*	2	0455	348	445.	18582.3	1641.0	*	3	0555	648	444.	18243.2	1640.7
1	0400	49	41.	21.1	1563.6	*	2	0500	349	445.	18582.5	1641.0	*	3	0600	649	444.	18241.9	1640.7
1	0405	50	43.	22.0	1563.7	*	2	0505	350	445.	18582.5	1641.0	*	3	0605	650	444.	18240.7	1640.7
1	0410	51	44.	22.8	1563.8	*	2	0510	351	445.	18582.6	1641.0	*	3	0610	651	444.	18239.4	1640.7
1	0415	52	46.	23.7	1564.0	*	2	0515	352	445.	18582.5	1641.0	*	3	0615	652	444.	18238.2	1640.7
1	0420	53	48.	24.6	1564.1	*	2	0520	353	445.	18582.4	1641.0	*	3	0620	653	444.	18236.9	1640.7
1	0425	54	50.	25.6	1564.2	*	2	0525	354	445.	18582.3	1641.0	*	3	0625	654	444.	18235.7	1640.7
1	0430	55	52.	26.5	1564.3	*	2	0530	355	445.	18582.1	1641.0	*	3	0630	655	444.	18234.5	1640.7
1	0435	56	54.	27.5	1564.5	*	2	0535	356	445.	18581.9	1641.0	*	3	0635	656	444.	18233.2	1640.7
1	0440	57	56.	28.6	1564.6	*	2	0540	357	445.	18581.6	1641.0	*	3	0640	657	444.	18232.0	1640.7
1	0445	58	58.	29.7	1564.8	*	2	0545	358	445.	18581.3	1641.0	*	3	0645	658	444.	18230.7	1640.7
1	0450	59	60.	30.8	1564.9	*	2	0550	359	445.	18580.9	1641.0	*	3	0650	659	444.	18229.5	1640.7
1	0455	60	62.	32.0	1565.1	*	2	0555	360	445.	18580.5	1641.0	*	3	0655	660	444.	18228.2	1640.7
1	0500	61	65.	33.2	1565.3	*	2	0600	361	445.	18580.1	1641.0	*	3	0700	661	444.	18227.0	1640.7
1	0505	62	67.	34.6	1565.4	*	2	0605	362	445.	18579.6	1641.0	*	3	0705	662	444.	18225.7	1640.7
1	0510	63	70.	36.1	1565.6	*	2	0610	363	445.	18579.1	1641.0	*	3	0710	663	444.	18224.5	1640.7
1	0515	64	73.	37.7	1565.9	*	2	0615	364	445.	18578.6	1641.0	*	3	0715	664	444.	18223.2	1640.7
1	0520	65	77.	39.4	1566.1	*	2	0620	365	445.	18578.0	1641.0	*	3	0720	665	444.	18222.0	1640.7
1	0525	66	81.	41.4	1566.4	*	2	0625	366	445.	18577.5	1641.0	*	3	0725	666	444.	18220.8	1640.7
1	0530	67	85.	43.6	1566.7	*	2	0630	367	445.	18576.9	1641.0	*	3	0730	667	444.	18219.5	1640.7
1	0535	68	92.	47.0	1567.2	*	2	0635	368	445.	18576.3	1641.0	*	3	0735	668	444.	18218.3	1640.7
1	0540	69	102.	52.6	1567.9	*	2	0640	369	445.	18575.7	1641.0	*	3	0740	669	444.	18217.0	1640.7
1	0545	70	121.	62.0	1569.2	*	2	0645	370	445.	18575.1	1641.0	*	3	0745	670	444.	18215.8	1640.7
1	0550	71	143.	77.1	1571.3	*	2	0650	371	445.	18574.4	1641.0	*	3	0750	671	444.	18214.5	1640.6
1	0555	72	167.	98.5	1574.2	*	2	0655	372	445.	18573.7	1641.0	*	3	0755	672	444.	18213.3	1640.6
1	0600	73	199.	126.9	1578.1	*	2	0700	373	445.	18573.0	1641.0	*	3	0800	673	444.	18212.0	1640.6
1	0605	74	230.	160.3	1582.7	*	2	0705	374	445.	18572.3	1641.0	*	3	0805	674	444.	18210.8	1640.6
1	0610	75	256.	196.7	1587.7	*	2	0710	375	445.	18571.6	1641.0	*	3	0810	675	444.	18209.6	1640.6
1	0615	76	280.	233.5	1592.7	*	2	0715	376	445.	18570.8	1641.0	*	3	0815	676	444.	18208.3	1640.6
1	0620	77	291.	267.9	1595.2	*	2	0720	377	445.	18570.0	1641.0	*	3	0820	677	444.	18207.1	1640.6
1	0625	78	292.	299.8	1595.6	*	2	0725	378	445.	18569.3	1641.0	*	3	0825	678	444.	18205.8	1640.6
1	0630	79	294.	328.7	1595.9	*	2	0730	379	445.	18568.5	1641.0	*	3	0830	679	444.	18204.6	1640.6
1	0635	80	295.	355.1	1596.2	*	2	0735	380	445.	18567.6	1641.0	*	3	0835	680	444.	18203.3	1640.6
1	0640	81	296.	379.4	1596.4	*	2	0740	381	445.	18566.8	1641.0	*	3	0840	681	444.	18202.1	1640.6
1	0645	82	297.	402.3	1596.7	*	2	0745	382	445.	18566.0	1641.0	*	3	0845	682	444.	18200.8	1640.6
1	0650	83	298.	424.2	1596.9	*	2	0750	383	445.	18565.2	1641.0	*	3	0850	683	444.	18199.6	1640.6
1	0655	84	299.	445.3	1597.2	*	2	0755	384	445.	18564.3	1641.0	*	3	0855	684	444.	18198.4	1640.6
1	0700	85	300.	465.4	1597.4	*	2	0800	385	445.	18563.4	1641.0	*	3	0900	685	444.	18197.1	1640.6
1	0705	86	302.	498.7	1597.8	*	2	0805	386	445.	18562.5	1641.0	*	3	0905	686	444.	18195.9	1640.6
1	0710	87	304.	559.3	1598.4	*	2	0810	387	445.	18561.6	1641.0	*	3	0910	687	444.	18194.6	1640.6
1	0715	88	308.	641.5	1599.4	*	2	0815	388	445.	18560.7	1641.0	*	3	0915	688	444.	18193.4	1640.6
1	0720	89	313.	739.8	1600.5	*	2	0820	389	445.	18559.8	1641.0	*	3	0920	689	444.	18192.1	1640.6
1	0725	90	318.	852.8	1601.9	*	2	0825	390	445.	18558.9	1641.0	*	3	0925	690	444.	18190.9	1640.6
1	0730	91	324.	979.1	1603.5	*	2	0830	391	445.	18557.9	1641.0	*	3	0930	691	444.	18189.6	1640.6
1	0735	92	330.	1112.4	1605.1	*	2	0835	392	444.	18557.0	1641.0	*	3	0935	692	444.	18188.4	1640.6
1	0740	93	334.	1246.5	1606.0	*	2	0840	393	444.	18556.0	1641.0	*	3	0940	693	444.	18187.1	1640.6
1	0745	94	337.	1379.2	1607.0	*	2	0845	394	444.	18555.0	1641.0	*	3	0945	694	444.	18185.9	1640.6
1	0750	95	340.	1508.4	1607.9	*	2	0850	395	444.	18554.0	1641.0	*	3	0950	695	444.	18184.7	1640.6
1	0755	96	343.	1634.4	1608.8	*	2	0855	396	444.	18553.0	1641.0	*	3	0955	696	444.	18183.4	1640.6
1	0800	97	346.	1757.7	1609.7	*	2	0900	397	444.	18552.0	1641.0	*	3	1000	697	444.	18182.2	1640.6
1	0805	98	349.	1881.7	1610.5	*	2	0905	398	444.	18551.0	1641.0	*	3	1005	698	444.	18180.9	1640.6
1	0810	99	352.	2009.8	1611.3	*	2	0910	399	444.	18550.0	1641.0	*	3	1010	699	444.	18179.7	1640.6
1	0815	100	355.	2138.5	1612.1	*	2	0915	400	444.	18548.9	1641.0	*	3	1015	700	444.	18178.4	1640.6
1	0820	101	357.	2264.3	1612.9	*	2	0920	401	444.	18547.9	1641.0	*	3	1020	701	444.	18177.2	1640.6
1	0825	102	360.	2384.9	1613.7	*	2	0925	402	444.	18546.8	1641.0	*	3	1025	702	444.	18176.0	1640.6
1	0830	103	363.	2498.4	1614.4	*	2	0930	403	444.	18545.7	1641.0	*	3	1030	703	444.	18174.7	1640.6
1	0835	104	365.	2604.6	1615.0	*	2	0935	404	444.	18544.6	1640.9	*	3	1035	704	444.	18173.5	1640.6
1	0840	105	366.	2703.8	1615.4	*	2	0940	405	444.	18543.5	1640.9	*	3	1040	705	444.	18172.2	1640.6
1	0845	106	367.	2796.4	1615.7	*	2	0945	406	444.	18542.4	1640.9	*	3	1045	706	444.	18171.0	1640.6
1	0850	107	368.	2882.9	1616.0	*	2	0950	407	444.	18541.3	1640.9	*	3	1050	707	444.	18169.7	1640.6
1	0855	108	369.	2963.5	1616.3	*	2	0955	408	444.	18540.2	1640.9	*	3	1055	708	444.	18168.5	1640.6
1	0900	109	370.	3038.8	1616.6	*	2	1000	409	444.	18539.1	1640.9	*	3	1100	709	444.	18167.3	1640.6
1	0905	110	371.	3109.3	1616.8	*	2	1005	410	444.	18538.0	1640.9	*	3	1105	710	444.	18166.0	1640.6
1	0910	111	372.	3175.2	1617.1	*	2	1010	411	444.	18536.8	1640.9	*	3	1110	711	444.	18164.8	1640.6
1	0915	112	372.	3237.1	1617.3	*	2	1015	412	444.	18535.7	1640.9	*	3	1115	712	444.	18163.5	1640.6
1	0920	113	373.	3295.2	1617.5	*	2	1020	413	444.	18534.5	1640.9	*	3	1120	713	444.	18162.3	1640.6
1	0925	114	374.	3349.8	1617.7	*	2	1025	414	444.	18533.4	1640.9	*	3	1125	714	444.	18161.0	1640.6
1	0930	115	374.	3401.3	1617.9	*	2	1030	415	444.	18532.2	1640.9	*	3	1130	715	444.	18159.8	1640.6
1	0935	116	375.	3450.0	1618.0	*	2	1035	416	444.	18531.1	1640.9	*	3	1135	716	444.	18158.6	1640.6
1	0940	117	375.	3496.0	1618.2	*	2	1040	417	444.	18529.9	1640.9	*	3	1140	717	444.	18157.3	1640.6
1	0945	118	376.	3539.7	1618.4	*	2	1045	418	444.	18528.8	1640.9	*	3	1145	718	444.	18156.1	1640.6
1	0950	119	376.	3581.2	1618.5	*	2	1050	419	444.	18527.6	1640.9	*	3	1150	719	444.	18154.8	1640.6
1	0955	120	377.	3620.7	1618.6	*	2	1055	420	444.	18526.4	1640.9	*	3	1155	720	444.	18153.6	1640.6
1	1000	121	377.	3658.4	1618.8	*	2	1100	421	444.	18525.3	1640.9	*	3	1200	721	444.	18152.3	1640.6
1	1005	122	378.	3694.4	1618.9	*	2	1105	422	444.	18524.1	1640.9	*	3	1205	722	444.	18151.1	1640.6

1	1010	123	378.	3728.8	1619.0	*	2	1110	423	444.	18522.9	1640.9	*	3	1210	723	444.	18149.9	1640.6
1	1015	124	378.	3761.8	1619.1	*	2	1115	424	444.	18521.7	1640.9	*	3	1215	724	444.	18148.6	1640.6
1	1020	125	379.	3793.5	1619.3	*	2	1120	425	444.	18520.6	1640.9	*	3	1220	725	444.	18147.4	1640.6
1	1025	126	379.	3823.9	1619.4	*	2	1125	426	444.	18519.4	1640.9	*	3	1225	726	444.	18146.1	1640.6
1	1030	127	379.	3853.2	1619.5	*	2	1130	427	444.	18518.2	1640.9	*	3	1230	727	444.	18144.9	1640.6
1	1035	128	380.	3881.5	1619.6	*	2	1135	428	444.	18517.0	1640.9	*	3	1235	728	444.	18143.6	1640.6
1	1040	129	380.	3908.9	1619.7	*	2	1140	429	444.	18515.8	1640.9	*	3	1240	729	444.	18142.4	1640.6
1	1045	130	380.	3935.5	1619.8	*	2	1145	430	444.	18514.6	1640.9	*	3	1245	730	444.	18141.2	1640.6
1	1050	131	381.	3961.4	1619.9	*	2	1150	431	444.	18513.4	1640.9	*	3	1250	731	444.	18139.9	1640.6
1	1055	132	381.	3986.6	1620.0	*	2	1155	432	444.	18512.2	1640.9	*	3	1255	732	444.	18138.7	1640.6
1	1100	133	381.	4011.4	1620.0	*	2	1200	433	444.	18511.0	1640.9	*	3	1300	733	444.	18137.4	1640.6
1	1105	134	381.	4035.6	1620.1	*	2	1205	434	444.	18509.7	1640.9	*	3	1305	734	444.	18136.2	1640.6
1	1110	135	381.	4059.3	1620.1	*	2	1210	435	444.	18508.5	1640.9	*	3	1310	735	444.	18134.9	1640.6
1	1115	136	382.	4082.6	1620.2	*	2	1215	436	444.	18507.3	1640.9	*	3	1315	736	443.	18133.7	1640.6
1	1120	137	382.	4105.5	1620.2	*	2	1220	437	444.	18506.1	1640.9	*	3	1320	737	443.	18132.5	1640.6
1	1125	138	382.	4128.2	1620.3	*	2	1225	438	444.	18504.9	1640.9	*	3	1325	738	443.	18131.2	1640.6
1	1130	139	382.	4150.5	1620.3	*	2	1230	439	444.	18503.6	1640.9	*	3	1330	739	443.	18130.0	1640.6
1	1135	140	382.	4172.7	1620.4	*	2	1235	440	444.	18502.4	1640.9	*	3	1335	740	443.	18128.7	1640.6
1	1140	141	382.	4194.8	1620.4	*	2	1240	441	444.	18501.2	1640.9	*	3	1340	741	443.	18127.5	1640.6
1	1145	142	383.	4216.9	1620.5	*	2	1245	442	444.	18499.9	1640.9	*	3	1345	742	443.	18126.2	1640.6
1	1150	143	383.	4239.1	1620.5	*	2	1250	443	444.	18498.7	1640.9	*	3	1350	743	443.	18125.0	1640.6
1	1155	144	383.	4261.7	1620.6	*	2	1255	444	444.	18497.5	1640.9	*	3	1355	744	443.	18123.8	1640.6
1	1200	145	383.	4285.1	1620.6	*	2	1300	445	444.	18496.2	1640.9	*	3	1400	745	443.	18122.5	1640.6
1	1205	146	383.	4309.9	1620.7	*	2	1305	446	444.	18495.0	1640.9	*	3	1405	746	443.	18121.3	1640.6
1	1210	147	383.	4337.1	1620.7	*	2	1310	447	444.	18493.8	1640.9	*	3	1410	747	443.	18120.0	1640.6
1	1215	148	384.	4367.4	1620.8	*	2	1315	448	444.	18492.5	1640.9	*	3	1415	748	443.	18118.8	1640.6
1	1220	149	384.	4401.4	1620.9	*	2	1320	449	444.	18491.3	1640.9	*	3	1420	749	443.	18117.5	1640.6
1	1225	150	384.	4440.4	1621.0	*	2	1325	450	444.	18490.0	1640.9	*	3	1425	750	443.	18116.3	1640.6
1	1230	151	385.	4485.5	1621.1	*	2	1330	451	444.	18488.8	1640.9	*	3	1430	751	443.	18115.0	1640.6
1	1235	152	385.	4536.8	1621.2	*	2	1335	452	444.	18487.5	1640.9	*	3	1435	752	443.	18113.8	1640.6
1	1240	153	385.	4594.6	1621.3	*	2	1340	453	444.	18486.3	1640.9	*	3	1440	753	443.	18112.6	1640.6
1	1245	154	386.	4659.9	1621.4	*	2	1345	454	444.	18485.0	1640.9	*	3	1445	754	443.	18111.3	1640.6
1	1250	155	386.	4733.8	1621.6	*	2	1350	455	444.	18483.8	1640.9	*	3	1450	755	443.	18110.1	1640.6
1	1255	156	387.	4817.0	1621.8	*	2	1355	456	444.	18482.5	1640.9	*	3	1455	756	443.	18108.8	1640.6
1	1300	157	388.	4910.2	1622.0	*	2	1400	457	444.	18481.3	1640.9	*	3	1500	757	443.	18107.6	1640.6
1	1305	158	389.	5015.7	1622.2	*	2	1405	458	444.	18480.1	1640.9	*	3	1505	758	443.	18106.3	1640.6
1	1310	159	389.	5137.3	1622.5	*	2	1410	459	444.	18478.8	1640.9	*	3	1510	759	443.	18105.1	1640.6
1	1315	160	390.	5279.2	1622.8	*	2	1415	460	444.	18477.6	1640.9	*	3	1515	760	443.	18103.9	1640.5
1	1320	161	392.	5445.4	1623.1	*	2	1420	461	444.	18476.3	1640.9	*	3	1520	761	443.	18102.6	1640.5
1	1325	162	393.	5641.3	1623.6	*	2	1425	462	444.	18475.1	1640.9	*	3	1525	762	443.	18101.4	1640.5
1	1330	163	395.	5869.8	1624.1	*	2	1430	463	444.	18473.8	1640.9	*	3	1530	763	443.	18100.1	1640.5
1	1335	164	397.	6129.4	1624.6	*	2	1435	464	444.	18472.6	1640.9	*	3	1535	764	443.	18098.9	1640.5
1	1340	165	399.	6416.7	1625.2	*	2	1440	465	444.	18471.3	1640.9	*	3	1540	765	443.	18097.6	1640.5
1	1345	166	400.	6726.3	1625.7	*	2	1445	466	444.	18470.1	1640.9	*	3	1545	766	443.	18096.4	1640.5
1	1350	167	402.	7051.4	1626.2	*	2	1450	467	444.	18468.8	1640.9	*	3	1550	767	443.	18095.2	1640.5
1	1355	168	403.	7386.1	1626.8	*	2	1455	468	444.	18467.6	1640.9	*	3	1555	768	443.	18093.9	1640.5
1	1400	169	405.	7725.2	1627.3	*	2	1500	469	444.	18466.3	1640.9	*	3	1600	769	443.	18092.7	1640.5
1	1405	170	407.	8064.8	1627.8	*	2	1505	470	444.	18465.1	1640.9	*	3	1605	770	443.	18091.4	1640.5
1	1410	171	408.	8402.2	1628.4	*	2	1510	471	444.	18463.8	1640.9	*	3	1610	771	443.	18090.2	1640.5
1	1415	172	410.	8735.7	1628.9	*	2	1515	472	444.	18462.6	1640.9	*	3	1615	772	443.	18088.9	1640.5
1	1420	173	411.	9064.0	1629.5	*	2	1520	473	444.	18461.3	1640.9	*	3	1620	773	443.	18087.7	1640.5
1	1425	174	413.	9386.3	1630.0	*	2	1525	474	444.	18460.1	1640.9	*	3	1625	774	443.	18086.5	1640.5
1	1430	175	414.	9701.5	1630.4	*	2	1530	475	444.	18458.8	1640.9	*	3	1630	775	443.	18085.2	1640.5
1	1435	176	416.	10009.3	1630.8	*	2	1535	476	444.	18457.6	1640.9	*	3	1635	776	443.	18084.0	1640.5
1	1440	177	417.	10309.3	1631.3	*	2	1540	477	444.	18456.3	1640.9	*	3	1640	777	443.	18082.7	1640.5
1	1445	178	418.	10601.3	1631.7	*	2	1545	478	444.	18455.1	1640.9	*	3	1645	778	443.	18081.5	1640.5
1	1450	179	419.	10885.3	1632.1	*	2	1550	479	444.	18453.8	1640.9	*	3	1650	779	443.	18080.2	1640.5
1	1455	180	420.	11161.4	1632.4	*	2	1555	480	444.	18452.6	1640.9	*	3	1655	780	443.	18079.0	1640.5
1	1500	181	421.	11429.6	1632.8	*	2	1600	481	444.	18451.3	1640.9	*	3	1700	781	443.	18077.8	1640.5
1	1505	182	423.	11689.5	1633.2	*	2	1605	482	444.	18450.1	1640.9	*	3	1705	782	443.	18076.5	1640.5
1	1510	183	424.	11940.7	1633.5	*	2	1610	483	444.	18448.8	1640.9	*	3	1710	783	443.	18075.3	1640.5
1	1515	184	425.	12182.8	1633.9	*	2	1615	484	444.	18447.6	1640.9	*	3	1715	784	443.	18074.0	1640.5
1	1520	185	426.	12415.8	1634.2	*	2	1620	485	444.	18446.3	1640.9	*	3	1720	785	443.	18072.8	1640.5
1	1525	186	427.	12640.0	1634.5	*	2	1625	486	444.	18445.1	1640.9	*	3	1725	786	443.	18071.6	1640.5
1	1530	187	427.	12855.6	1634.8	*	2	1630	487	444.	18443.9	1640.9	*	3	1730	787	443.	18070.3	1640.5
1	1535	188	428.	13062.7	1635.1	*	2	1635	488	444.	18442.6	1640.9	*	3	1735	788	443.	18069.1	1640.5
1	1540	189	429.	13261.7	1635.3	*	2	1640	489	444.	18441.4	1640.9	*	3	1740	789	443.	18067.8	1640.5
1	1545	190	429.	13452.7	1635.5	*	2	1645	490	444.	18440.1	1640.9	*	3	1745	790	443.	18066.6	1640.5
1	1550	191	430.	13636.0	1635.7	*	2	1650	491	444.	18438.9	1640.9	*	3	1750	791	443.	18065.3	1640.5
1	1555	192	431.	13812.2	1635.9	*	2	1655	492	444.	18437.6	1640.9	*	3	1755	792	443.	18064.1	1640.5
1	1600	193	431.	13981.8	1636.1	*	2	1700	493	444.	18436.4	1640.9	*	3	1800	793	443.	18062.9	1640.5
1	1605	194	432.	14145.2	1636.3	*	2	1705	494	444.	18435.1	1640.9	*	3	1805	794	443.	18061.6	1640.5
1	1610	195	432.	14302.3	1636.4	*	2	1710	495	444.	18433.9	1640.8	*	3	1810	795	443.	18060.4	1640.5
1	1615	196	433.	14453.4	1636.6	*	2	1715	496	444.	18432.6	1640.8	*	3	1815	796	443.	18059.1	1640.5
1	1620	197	433.	14598.8	1636.8	*	2	1720	497	444.	18431.4	1640.8	*	3	1820	797	443.	18057.9	1640.5
1	1625	198	433.	14739.1	1636.9	*	2	1725	498	444.	18430.1	1640.8	*	3	1825	798	443.	18056.7	1640.5
1	1630	199	434.	14875.0	1637.1	*	2	1730	499	444.	18428.9	1640.8	*	3	1830	799	443.	18055.4	1640.5
1	1635	200	434.	15006.9	1637.2	*	2	1735	500	444.	18427.6	1640.8	*	3	1835	800	443.	18054.2	1640.5
1	1640	201	435.	15134.5	1637.4	*	2	1740	501	444.	18426.4	1640.8	*	3	1840	801	443.	18052.9	1640.5
1	1645	202	435.	15257.8	1637.5	*	2	1745	502	444.	18425.1	1640.8	*	3	1845	802	443.	18051.7	1640.5
1	1650	203	435.	15376.9	1637.6	*	2	1750	503	444.	18423.9	1640.8	*	3	1850	803	443.	18050.5	1640.5
1	1655	204	436.	15492.0	1637.8	*	2	1755	504	444.	18422.6	1640.8	*	3	1855	804	443.	18049.2	1640.5
1	1700	205	436.	15603.3	1637.9	*	2	1800	505	444.	18421.4	1640.8	*	3	1900	805	443.	18048.0	1640.5
1	1705	206	436.	15711.3	1638.0	*	2	1805	506	444.	18420.1	1640.8	*	3	1905	806	443.	18046.7	1640.5
1	1710	207	437.	15816.0	1638.1	*	2	1810	507	444.	18418.9	1640.8	*	3	1910	807	443.	18045.5	1640.5
1	1715	208	437.	15917.2	1638.2	*	2	1815	508	444.	18417.6	1640.8	*	3	1915	808	443.	18044.2	1640.5
1	1720	209	437.	16015.1	1638.4	*	2	1820	509	444.	18416.4	1640.8	*	3	1920	809	443.	18043.0	1640.5
1	1725	210	438.	16109.3	1638.5	*	2	1825	510	444.	18415.1	1640.8	*	3	1925	810	443.	18041.8	1640.5
1	1730	211	438.	16199.5	1638.6	*	2	1830	511	444.	18413.9	1640.8	*	3	1930	811	443.	18040.5	1640.5
1	1735	212	438.	16286.0	1638.7	*	2	1835	512	444.	18412.6	1640.8	*	3	1935	812	443.	18039.3	1640.5
1	1740	213	438.	16368.8	1638.7	*	2	1840	513	444.	18411.4	1640.8	*	3	1940	813	443.	18038.0	1640.5
1	1745	214	439.	16448.6	1638.8	*	2	1845	514	444.	18410.2	1640.8	*	3	1945	814	443.	18036.8	1640.5
1	1750	215	439.	16525.3	1638.9	*	2	1850	515	444.	18408.9	1640.8	*	3	1950	815	443.	18035.6	1640.5
1	1755	216	439.	16599.3	1639.0	*	2	1855	516	444.	18407.7	1640.8	*	3	1955	816	443.	18034.3	1640.5
1	1800	217	439.	16670.5	1639.1	*	2	1900	517	444.	18406.4	1640.8	*	3	2000	817	443.	18033.1	1640.5
1	1805	218	440.	16738.9	1639.2	*	2	1905	518	444.	18405.2	1640.8	*	3	2005	818	443.	18031.8	1640.5
1	1810	219	440.	16804.6	1639.2	*	2	1910	519	444.	18403.9	1640.8	*	3	2010	819	443.	18030.6	1640.5
1	1815	220	440.	16867.6	1639.3	*	2	1915	520	444.	18402.7	1640.8	*	3	2015	820	443.	18029.3	1640.5
1	1820	221	440.	16927.9	1639.4	*	2	1920	521	444.	18401.4	1640.8	*	3	2020	821	443.	18028.1	1640.5
1	1825	222	440.	16985.6	1639.4	*	2	1925	522	444.	18400.2	1640.8	*	3	2025	822	443.	18026.9	1640.5
1	1830	223	441.	17041.2	1639.5	*	2	1930	523	444.	18398.9	1640.8	*	3	2030	823	443.	18025.6	1640.5
1	1835	224	441.	17095.0	1639.6	*	2	1935	524	444.	18397.7	1640.8	*	3	2035	824	443.	18024.4	1640.5
1	1840	225	441.	17147.7	1639.6	*	2	1940	525	444.	18396.4	1640.8	*	3	2040	825	443.	18023.1	1640.5
1	1845	226	441.	17199.2	1639.7	*	2	1945	526	444.	18395.2	1640.8	*	3	2045	826	443.	18021.9	1640.5
1	1850	227	441.	17249.4	1639.7	*	2	1950	527	444.	18393.9	1640.8	*	3	2050	827	443.	18020.7	1640.5
1	1855	228	441.	17298.1	1639.8	*	2	1955	528	444.	18392.7	1640.8	*	3	2055	828	443.	18019.4	1640.5

1	1900	229	442.	17345.1	1639.8	*	2	2000	529	444.	18391.4	1640.8	*	3	2100	829	443.	18018.2	1640.5
1	1905	230	442.	17390.3	1639.9	*	2	2005	530	444.	18390.2	1640.8	*	3	2105	830	443.	18016.9	1640.5
1	1910	231	442.	17433.7	1639.9	*	2	2010	531	444.	18388.9	1640.8	*	3	2110	831	443.	18015.7	1640.5
1	1915	232	442.	17475.4	1640.0	*	2	2015	532	444.	18387.7	1640.8	*	3	2115	832	443.	18014.5	1640.5
1	1920	233	442.	17515.5	1640.0	*	2	2020	533	444.	18386.4	1640.8	*	3	2120	833	443.	18013.2	1640.5
1	1925	234	442.	17553.8	1640.0	*	2	2025	534	444.	18385.2	1640.8	*	3	2125	834	443.	18012.0	1640.5
1	1930	235	442.	17590.6	1640.1	*	2	2030	535	444.	18384.0	1640.8	*	3	2130	835	443.	18010.7	1640.5
1	1935	236	442.	17626.0	1640.1	*	2	2035	536	444.	18382.7	1640.8	*	3	2135	836	443.	18009.5	1640.5
1	1940	237	442.	17660.0	1640.1	*	2	2040	537	444.	18381.5	1640.8	*	3	2140	837	443.	18008.2	1640.5
1	1945	238	442.	17692.8	1640.2	*	2	2045	538	444.	18380.2	1640.8	*	3	2145	838	443.	18007.0	1640.5
1	1950	239	443.	17724.5	1640.2	*	2	2050	539	444.	18379.0	1640.8	*	3	2150	839	443.	18005.8	1640.5
1	1955	240	443.	17755.1	1640.2	*	2	2055	540	444.	18377.7	1640.8	*	3	2155	840	443.	18004.5	1640.5
1	2000	241	443.	17784.9	1640.3	*	2	2100	541	444.	18376.5	1640.8	*	3	2200	841	443.	18003.3	1640.5
1	2005	242	443.	17813.9	1640.3	*	2	2105	542	444.	18375.2	1640.8	*	3	2205	842	443.	18002.0	1640.5
1	2010	243	443.	17842.3	1640.3	*	2	2110	543	444.	18374.0	1640.8	*	3	2210	843	443.	18000.8	1640.5
1	2015	244	443.	17869.9	1640.3	*	2	2115	544	444.	18372.7	1640.8	*	3	2215	844	443.	17999.6	1640.5
1	2020	245	443.	17896.7	1640.4	*	2	2120	545	444.	18371.5	1640.8	*	3	2220	845	443.	17998.3	1640.5
1	2025	246	443.	17922.7	1640.4	*	2	2125	546	444.	18370.2	1640.8	*	3	2225	846	443.	17997.1	1640.5
1	2030	247	443.	17947.9	1640.4	*	2	2130	547	444.	18369.0	1640.8	*	3	2230	847	443.	17995.8	1640.5
1	2035	248	443.	17972.3	1640.4	*	2	2135	548	444.	18367.8	1640.8	*	3	2235	848	443.	17994.6	1640.4
1	2040	249	443.	17995.9	1640.5	*	2	2140	549	444.	18366.5	1640.8	*	3	2240	849	443.	17993.3	1640.4
1	2045	250	443.	18018.7	1640.5	*	2	2145	550	444.	18365.3	1640.8	*	3	2245	850	443.	17992.1	1640.4
1	2050	251	443.	18040.6	1640.5	*	2	2150	551	444.	18364.0	1640.8	*	3	2250	851	443.	17990.9	1640.4
1	2055	252	443.	18061.7	1640.5	*	2	2155	552	444.	18362.8	1640.8	*	3	2255	852	443.	17989.6	1640.4
1	2100	253	443.	18082.0	1640.5	*	2	2200	553	444.	18361.5	1640.8	*	3	2300	853	443.	17988.4	1640.4
1	2105	254	443.	18101.5	1640.5	*	2	2205	554	444.	18360.3	1640.8	*	3	2305	854	443.	17987.1	1640.4
1	2110	255	443.	18120.2	1640.6	*	2	2210	555	444.	18359.0	1640.8	*	3	2310	855	443.	17985.9	1640.4
1	2115	256	444.	18138.2	1640.6	*	2	2215	556	444.	18357.8	1640.8	*	3	2315	856	443.	17984.7	1640.4
1	2120	257	444.	18155.4	1640.6	*	2	2220	557	444.	18356.5	1640.8	*	3	2320	857	443.	17983.4	1640.4
1	2125	258	444.	18172.0	1640.6	*	2	2225	558	444.	18355.3	1640.8	*	3	2325	858	443.	17982.2	1640.4
1	2130	259	444.	18188.0	1640.6	*	2	2230	559	444.	18354.0	1640.8	*	3	2330	859	443.	17980.9	1640.4
1	2135	260	444.	18203.4	1640.6	*	2	2235	560	444.	18352.8	1640.8	*	3	2335	860	443.	17979.7	1640.4
1	2140	261	444.	18218.2	1640.7	*	2	2240	561	444.	18351.5	1640.8	*	3	2340	861	443.	17978.5	1640.4
1	2145	262	444.	18232.6	1640.7	*	2	2245	562	444.	18350.3	1640.8	*	3	2345	862	443.	17977.2	1640.4
1	2150	263	444.	18246.4	1640.7	*	2	2250	563	444.	18349.1	1640.8	*	3	2350	863	443.	17976.0	1640.4
1	2155	264	444.	18259.8	1640.7	*	2	2255	564	444.	18347.8	1640.8	*	3	2355	864	443.	17974.7	1640.4
1	2200	265	444.	18272.8	1640.7	*	2	2300	565	444.	18346.6	1640.8	*	4	0000	865	443.	17973.5	1640.4
1	2205	266	444.	18285.3	1640.7	*	2	2305	566	444.	18345.3	1640.8	*	4	0005	866	443.	17972.2	1640.4
1	2210	267	444.	18297.4	1640.7	*	2	2310	567	444.	18344.1	1640.8	*	4	0010	867	443.	17971.0	1640.4
1	2215	268	444.	18309.0	1640.7	*	2	2315	568	444.	18342.8	1640.8	*	4	0015	868	443.	17969.8	1640.4
1	2220	269	444.	18320.3	1640.7	*	2	2320	569	444.	18341.6	1640.8	*	4	0020	869	443.	17968.5	1640.4
1	2225	270	444.	18331.1	1640.8	*	2	2325	570	444.	18340.3	1640.8	*	4	0025	870	443.	17967.3	1640.4
1	2230	271	444.	18341.4	1640.8	*	2	2330	571	444.	18339.1	1640.8	*	4	0030	871	443.	17966.1	1640.4
1	2235	272	444.	18351.3	1640.8	*	2	2335	572	444.	18337.8	1640.8	*	4	0035	872	443.	17964.8	1640.4
1	2240	273	444.	18360.6	1640.8	*	2	2340	573	444.	18336.6	1640.8	*	4	0040	873	443.	17963.6	1640.4
1	2245	274	444.	18369.2	1640.8	*	2	2345	574	444.	18335.3	1640.8	*	4	0045	874	443.	17962.3	1640.4
1	2250	275	444.	18377.1	1640.8	*	2	2350	575	444.	18334.1	1640.8	*	4	0050	875	443.	17961.1	1640.4
1	2255	276	444.	18384.3	1640.8	*	2	2355	576	444.	18332.8	1640.8	*	4	0055	876	443.	17959.9	1640.4
1	2300	277	444.	18391.1	1640.8	*	3	0000	577	444.	18331.6	1640.8	*	4	0100	877	443.	17958.6	1640.4
1	2305	278	444.	18397.5	1640.8	*	3	0005	578	444.	18330.4	1640.8	*	4	0105	878	443.	17957.4	1640.4
1	2310	279	444.	18403.8	1640.8	*	3	0010	579	444.	18329.1	1640.8	*	4	0110	879	443.	17956.1	1640.4
1	2315	280	444.	18409.8	1640.8	*	3	0015	580	444.	18327.9	1640.8	*	4	0115	880	443.	17954.9	1640.4
1	2320	281	444.	18415.6	1640.8	*	3	0020	581	444.	18326.6	1640.8	*	4	0120	881	443.	17953.7	1640.4
1	2325	282	444.	18421.2	1640.8	*	3	0025	582	444.	18325.4	1640.8	*	4	0125	882	443.	17952.4	1640.4
1	2330	283	444.	18426.6	1640.8	*	3	0030	583	444.	18324.1	1640.7	*	4	0130	883	443.	17951.2	1640.4
1	2335	284	444.	18431.9	1640.8	*	3	0035	584	444.	18322.9	1640.7	*	4	0135	884	443.	17949.9	1640.4
1	2340	285	444.	18437.0	1640.9	*	3	0040	585	444.	18321.6	1640.7	*	4	0140	885	443.	17948.7	1640.4
1	2345	286	444.	18442.0	1640.9	*	3	0045	586	444.	18320.4	1640.7	*	4	0145	886	443.	17947.5	1640.4
1	2350	287	444.	18446.8	1640.9	*	3	0050	587	444.	18319.1	1640.7	*	4	0150	887	443.	17946.2	1640.4
1	2355	288	444.	18451.5	1640.9	*	3	0055	588	444.	18317.9	1640.7	*	4	0155	888	443.	17945.0	1640.4
2	0000	289	444.	18456.1	1640.9	*	3	0100	589	444.	18316.6	1640.7	*	4	0200	889	443.	17943.7	1640.4
2	0005	290	444.	18460.6	1640.9	*	3	0105	590	444.	18315.4	1640.7	*	4	0205	890	443.	17942.5	1640.4
2	0010	291	444.	18465.0	1640.9	*	3	0110	591	444.	18314.2	1640.7	*	4	0210	891	443.	17941.3	1640.4
2	0015	292	444.	18469.3	1640.9	*	3	0115	592	444.	18312.9	1640.7	*	4	0215	892	443.	17940.0	1640.4
2	0020	293	444.	18473.6	1640.9	*	3	0120	593	444.	18311.7	1640.7	*	4	0220	893	443.	17938.8	1640.4
2	0025	294	444.	18477.8	1640.9	*	3	0125	594	444.	18310.4	1640.7	*	4	0225	894	443.	17937.5	1640.4
2	0030	295	444.	18481.9	1640.9	*	3	0130	595	444.	18309.2	1640.7	*	4	0230	895	443.	17936.3	1640.4
2	0035	296	444.	18485.9	1640.9	*	3	0135	596	444.	18307.9	1640.7	*	4	0235	896	443.	17935.1	1640.4
2	0040	297	444.	18489.8	1640.9	*	3	0140	597	444.	18306.7	1640.7	*	4	0240	897	443.	17933.8	1640.4
2	0045	298	444.	18493.7	1640.9	*	3	0145	598	444.	18305.4	1640.7	*	4	0245	898	443.	17932.6	1640.4
2	0050	299	444.	18497.4	1640.9	*	3	0150	599	444.	18304.2	1640.7	*	4	0250	899	443.	17931.3	1640.4
2	0055	300	444.	18501.1	1640.9	*	3	0155	600	444.	18302.9	1640.7	*	4	0255	900	443.	17930.1	1640.4
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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 445.	28.83		445.	444.	417.	401.
		(INCHES)	.022	.086	.243	.243
		(AC-FT)	220.	881.	2483.	2484.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	74.92-HR
+ (AC-FT)	(HR)				
18583.	29.17	18573.	18489.	15535.	14930.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	74.92-HR
+ (FEET)	(HR)				
1640.98	29.08	1640.98	1640.90	1634.20	1631.35

CUMULATIVE AREA = 191.93 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	CC	41463.	14.17	21112.	6176.	2066.	142.29		

```
+        HYDROGRAPH AT
                          AW    19257.   7.67      7942.     2636.     987.    30.64
+        2 COMBINED AT
                          C550  42795.  14.17     22715.     8811.    3052.   172.93
+        HYDROGRAPH AT
                          EAST  10019.  13.50      3264.      945.     376.    19.00
+        2 COMBINED AT
                          CBD-I 49800.  14.00     25747.     9753.    3429.   191.93
         ROUTED TO
+                         CBD-O   445.  28.83       445.      444.     417.   191.93     1640.98      29.08
+

*** NORMAL END OF HEC-1 ***
```

```
1****************************************                    ****************************************
*                                      *                    *                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                    *   U.S. ARMY CORPS OF ENGINEERS       *
*             JUN  1998                *                    *   HYDROLOGIC ENGINEERING CENTER      *
*           VERSION 4.1                *                    *         609 SECOND STREET            *
*                                      *                    *      DAVIS, CALIFORNIA 95616         *
*  RUN DATE   07MAR01  TIME  09:53:39  *                    *         (916) 756-1104               *
*                                      *                    *                                      *
****************************************                    ****************************************

                                        X     X  XXXXXXX   XXXXX          X
                                        X     X  X        X     X        XX
                                        X     X  X        X              X
                                        XXXXXXX  XXXX     X        XXXXX X
                                        X     X  X        X              X
                                        X     X  X        X     X        X
                                        X     X  XXXXXXX   XXXXX        XXX


THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL   LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1                                                HEC-1 INPUT                                                PAGE  1

      LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

         1          ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File:EXCBD100.IH1
         2          ID           By: Stantec Consulting, Inc.                   Original: 07/12/99
         3          ID         For: Flood Control District of Maricopa County   Revised:
         4          ID
         5          ID        This is an existing condition model of the total inflow to Cave Buttes
         6          ID        Dam.  Inflow hydrographs for Cave Creek and Apache Wash are developed
         7          ID        from the following:
         8          ID
         9          ID        Cave Creek Watershed at Cave Buttes Dam
        10          ID           Combined HEC-1 models from:
        11          ID             1.  George V. Sabol Consulting Engineers FCD 95-28
        12          ID                 Cave Creek Watershed at the Carefree Highway
        13          ID                 Original model dated 06-17-96 by mcg
        14          ID                 GVSCE Project No. 84
        15          ID
        16          ID             2.  Willdan Associates FCD 95-30
        17          ID                 Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
        18          ID                 Original model dated 11-29-96
        19          ID                 Willdan Project No. 08855
        20          ID
        21          ID        Model Basis:
        22          ID           100-year, 24-hr rainfall with SCS Type II distribution
        23          ID           Green & Ampt Loss Rate Method
        24          ID           NMIN = 5
        25          ID           Phoenix Mountain and Desert/Rangeland S-Graph
        26          ID           Clark Unit Hydrograph
        27          ID           Modified Puls channel storage routing
        28          ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Company
        29          ID
        30          ID        Apache Wash Watershed at Cave Buttes Dam
        31          ID           Jerry Jones and Associates, Inc. FCD 89-66
        32          ID           Apache Wash Flood Insurance Study
        33          ID           Original model dated 2-15-89
        34          ID
        35          ID        Model Basis:
        36          ID           100-year, 24-hr rainfall with SCS Type IIA distribution
        37          ID           SCS Curve Number with RTIMP
        38          ID           NMIN = 10
        39          ID           SCS dimensionless unit hydrograph
        40          ID
        41          ID
        42          ID        The remaining portion of the Cave Buttes Dam watershed is modeled as a
        43          ID        single basin for existing conditions and is based on the following:
        44          ID           100-year, 24-hour rainfall with SCS Type II distribution
        45          ID           Green & Ampt Loss Rate Method
        46          ID           NMIN = 5
        47          ID           Phoenix Mountain and Desert/Rangeland S-Graph
        48          ID           USGS 7.5 Minutes Series Quadrangle Maps
        49          ID
                    *
        50          IT       5                    900
        51          IO       5
        52          IN       5
                    *
1                                                HEC-1 INPUT                                                PAGE  2

      LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

        53          KK      CC
        54          KM         Inflow hydrograph at Cave Buttes Dam from Cave Creek
        55          BA  142.29
        56          QI       0       0       0       0       0       0       0       0       0       0
        57          QI       0       0       0       0       0       0       0       0       0       0
        58          QI       0       0       0       0       0       0       0       0       0       0
        59          QI       0       0       0       1       1       1       1       1       1       1
        60          QI       1       1       1       2       2       2       2       2       2       3
        61          QI       3       3       3       3       4       4       4       5       5       5
```

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 62        QI      6      6      7      7      8      9     10     11     12     14
 63        QI     16     19     23     27     31     36     41     47     57     65
 64        QI     73     80     87     95    103    112    120    127    133    139
 65        QI    143    148    152    156    159    163    167    170    174    178
 66        QI    182    185    189    193    197    202    206    211    215    220
 67        QI    225    230    235    240    246    251    257    262    269    276
 68        QI    288    300    310    320    330    340    349    358    367    376
 69        QI    385    393    402    411    420    429    438    448    457    468
 70        QI    480    495    516    548    599    677    798    983   1236   1571
 71        QI   1986   2348   2616   2818   3039   3337   3765   4423   5523   7397
 72        QI  10194  13584  18065  22749  26868  30589  33431  35438  36755  37564
 73        QI  37972  38066  37948  37677  37284  36795  36235  35610  34911  34140
 74        QI  33306  32418  31501  30573  29637  28715  27766  26774  25765  24767
 75        QI  23815  22962  22095  21218  20347  19503  18646  17914  17212  16499
 76        QI  15786  15114  14454  13850  13303  12774  12266  11753  11238  10744
 77        QI  10285   9877   9498   9154   8808   8462   8119   7785   7434   7113
 78        QI   6828   6574   6359   6170   5980   5788   5590   5389   5190   4997
 79        QI   4810   4631   4460   4304   4157   4020   3898   3793   3708   3635
 80        QI   3556   3469   3376   3278   3176   3075   2970   2862   2755   2648
 81        QI   2544   2442   2344   2251   2163   2084   2012   1943   1878   1814
 82        QI   1750   1687   1624   1558   1488   1407   1314   1188   1050    962
 83        QI    908    871    843    820    800    781    765    750    736    722
 84        QI    709    696    684    671    658    645    631    618    605    593
 85        QI    580    568    557    546    535    526    517    508    499    490
 86        QI    481    472    463    454    445    437    428    420    412    405
 87        QI    397    389    382    374    367    360    352    345    338    331
 88        QI    324    318    312    307    301    296    290    285    281    276
 89        QI    271    267    262    256    250    243    236    230    223    216
 90        QI    209    202    196    189    182    176    169    163    156    150
 91        QI    144    138    132    127    121    117    112    109    106    103
 92        QI    101     98     95     91     88     85     82     79     77     74
 93        QI     72     70     68     66     64     62     61     59     58     56
 94        QI     55     53     52     50     49     47     46     44     42     41
 95        QI     40     39     38     36     35     34     32     31     29     28
 96        QI     26     25     23     22     21     20     19     18     18     17
 97        QI     16     16     15     15     15     14     14     13     13     12
 98        QI     12     11     11     10     10      9      9      8      8      7
 99        QI      7      7      6      6      5      5      5      4      4      4
100        QI      3      3      3      3      2      2      2      2      2      2
101        QI      1      1      1      1      1      1      1      1      1      1
102        QI      1      0      0      0      0      0      0      0      0      0
103        IN     10
           *
1                                    HEC-1 INPUT                                    PAGE  3

LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

104        KK     AW
105        KM        Inflow hydrograph to Cave Buttes Dam from Apache Wash
106        BA  30.64
107        QI      0      0      0      0      0      0      0      0      0      0
108        QI      0      0      0      0      0      0      0      0      0      0
109        QI      0      0      0      0      0      0      0      0      0      0
110        QI      0      0      7     26    565   2113   4109   5040   4423   3597
111        QI   2959   2707   2470   5358  13179  17843  18413  17529  16388  17086
112        QI  17290  15318  13326  11557  10033   8737   7643   6724   5950   5299
113        QI   4745   4265   3845   3486   3189   2946   2739   2552   2377   2221
114        QI   2088   1978   1888   1818   1764   1716   1658   1589   1523   1468
115        QI   1427   1395   1371   1355   1342   1320   1284   1243   1296   1481
116        QI   1659   1697   1584   1454   1342   1244   1201   1265   1449   1679
117        QI   1854   1983   2107   2227   2304   2248   2096   1937   1807   1679
118        QI   1544   1455   1528   1495   1385   1261   1136   1024    929    849
119        QI    781    723    675    633    595    559    525    493    463    435
120        QI    412    391    373    356    340    324    308    290    271    252
121        QI    233    216    199    184    169      0
122        IN      5
           *

123        KK   C550
124        KO      1                                 21
125        KM        Total inflow from Apache Wash and Cave Creek
126        HC      2
           *

127        KK   EAST
128        KM        Inflow hydrograph to Cave Buttes Dam from Apache Wash
129        BA  16.96
130        QI      0      0      0      0      0      1      1      2      3      3
131        QI      4      5      7      8      9     11     12     14     15     17
132        QI     18     19     20     21     22     23     24     24     25     25
133        QI     26     26     27     27     27     28     28     28     28     28
134        QI     29     29     29     29     29     29     29     30     30     30
135        QI     30     30     30     31     31     32     32     32     33     34
136        QI     34     35     35     36     36     36     37     37     37     38
137        QI     38     38     38     39     39     39     39     39     40     40
138        QI     40     41     41     42     42     43     43     44     44     45
139        QI     45     46     46     47     47     47     48     48     48     48
140        QI     49     49     50     50     51     52     53     54     55     57
141        QI     58     59     61     62     64     65     66     68     69     70
142        QI     71     72     74     75     76     78     79     81     83     85
143        QI     87     90     93     97    101    105    120    138    157    293
144        QI    448    616    865   1316   1872   2389   3105   3955   4884   5711
145        QI   6508   7218   7841   8366   8780   8996   9073   9036   8798   8426
146        QI   7943   7377   6765   6126   5554   5028   4555   4127   3732   3378
147        QI   3056   2757   2499   2255   2048   1874   1683   1537   1396   1263
148        QI   1126   1009    939    862    785    701    638    574    496    418
149        QI    339    329    324    318    316    314    312    308    303    298
150        QI    266    233    200    157    115     72     69     66     64     63
151        QI     62     60     60     59     58     57     56     55     54     53
152        QI     52     51     51     50     49     48     47     47     46     45
153        QI     45     44     44     44     43     43     43     42     42     42
1                                    HEC-1 INPUT                                    PAGE  4

LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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 154          QI      42      41      41      41      40      40      39      39      38      38
 155          QI      37      37      36      36      35      35      34      34      33      33
 156          QI      33      33      32      32      32      32      31      31      31      31
 157          QI      31      31      31      31      31      31      30      30      30      30
 158          QI      30      30      30      30      30      30      30      30      30      30
 159          QI      29      29      28      28      27      26      25      23      22      21
 160          QI      19      18      16      15      13      12      11      10       9       8
 161          QI       7       6       6       5       5       4       4       3       3       3
 162          QI       2       2       2       2       2       1       1       1       1       1
 163          QI       1       1       1       1       0       0       0       0       0       0
 164          QI       0       0       0       0       0       0       0       0       0       0
 165          QI       0       0       0       0       0       0       0       0       0       0
 166          QI       0       0       0       0       0       0       0       0       0       0
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1                                          HEC-1 INPUT                                          PAGE  5

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

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 214          QI       0       0       0       0       0       0       0       0       0       0
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 217          QI       0       0       0       0       0       0       0       0       0       0
 218          QI       0       0       0       0       0       0       0       0       0       0
 219          QI       0       0       0       0       0       0       0       0       0       0
              *

 220          KK   CBD-I
 221          KO       1                                       21
 222          KM        Total inflow to Cave Buttes Dam
 223          HC       2
              *

 224          KK   CBD-O
 225          KO       1
 226          RS       1    FLOW      -1
 227          SV       0     250     700    1100    1800    2600    4000    6300    9400   13000
 228          SV   17500   23000   29200   37000   46000
 229          SE  1560.7    1595    1600    1605    1610    1615    1620    1625    1630    1635
 230          SE    1640    1645    1650    1655    1660
 231          SQ       0     132     215     243     268     290     311     330     347     365
 232          SQ     381     398     413     428     442     455     468     481     493
 233          SE  1560.7    1570    1580    1585    1590    1595    1600    1605    1610    1615
 234          SE    1620    1625    1630    1635    1640    1645    1650    1655    1660
              *
 235          ZZ
1*************************************                    *************************************
 *                                   *                    *                                   *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                    *   U.S. ARMY CORPS OF ENGINEERS    *
 *             JUN   1998            *                    *   HYDROLOGIC ENGINEERING CENTER   *
 *           VERSION 4.1             *                    *         609 SECOND STREET         *
 *                                   *                    *      DAVIS, CALIFORNIA 95616      *
 *  RUN DATE   07MAR01  TIME  09:53:39  *                    *         (916) 756-1104            *
 *                                   *                    *                                   *
 *************************************                    *************************************
```

Upper Cave Creek/Apache Wash Watercourse Master Plan File:EXCBD100.IH1

```
                    By: Stantec Consulting, Inc.                    Original: 07/12/99
                  For: Flood Control District of Maricopa County   Revised:

                This is an existing condition model of the total inflow to Cave Buttes
                Dam.  Inflow hydrographs for Cave Creek and Apache Wash are developed
                from the following:

                Cave Creek Watershed at Cave Buttes Dam
                   Combined HEC-1 models from:
                     1.  George V. Sabol Consulting Engineers FCD 95-28
                         Cave Creek Watershed at the Carefree Highway
                         Original model dated 06-17-96 by mcg
                         GVSCE Project No. 84

                     2.  Willdan Associates FCD 95-30
                         Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
                         Original model dated 11-29-96
                         Willdan Project No. 08855

                Model Basis:
                   100-year, 24-hr rainfall with SCS Type II distribution
                   Green & Ampt Loss Rate Method
                   NMIN = 5
                   Phoenix Mountain and Desert/Rangeland S-Graph
                   Clark Unit Hydrograph
                   Modified Puls channel storage routing
                   200 Scale 2' CI mapping of study reach by Aerial Mapping Company

                Apache Wash Watershed at Cave Buttes Dam
                   Jerry Jones and Associates, Inc. FCD 89-66
                   Apache Wash Flood Insurance Study
                   Original model dated 2-15-89

                Model Basis:
                   100-year, 24-hr rainfall with SCS Type IIA distribution
                   SCS Curve Number with RTIMP
                   NMIN = 10
                   SCS dimensionless unit hydrograph


                The remaining portion of the Cave Buttes Dam watershed is modeled as a
                single basin for existing conditions and is based on the following:
                   100-year, 24-hour rainfall with SCS Type II distribution
                   Green & Ampt Loss Rate Method
                   NMIN = 5
                   Phoenix Mountain and Desert/Rangeland S-Graph
                   USGS 7.5 Minutes Series Quadrangle Maps

 51 IO          OUTPUT CONTROL VARIABLES
                      IPRNT           5  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

    IT          HYDROGRAPH TIME DATA
                       NMIN           5  MINUTES IN COMPUTATION INTERVAL
                      IDATE      1    0  STARTING DATE
                      ITIME        0000  STARTING TIME
                         NQ         900  NUMBER OF HYDROGRAPH ORDINATES
                     NDDATE      4    0  ENDING DATE
                     NDTIME        0255  ENDING TIME
                      ICENT          19  CENTURY MARK

                  COMPUTATION INTERVAL     .08 HOURS
                       TOTAL TIME BASE   74.92 HOURS

          ENGLISH UNITS
               DRAINAGE AREA          SQUARE MILES
               PRECIPITATION DEPTH    INCHES
               LENGTH, ELEVATION      FEET
               FLOW                   CUBIC FEET PER SECOND
               STORAGE VOLUME         ACRE-FEET
               SURFACE AREA           ACRES
               TEMPERATURE            DEGREES FAHRENHEIT


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
123 KK      *      C550  *
            *            *
            **************

124 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           1  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE
                      IPNCH           0  PUNCH COMPUTED HYDROGRAPH
                       IOUT          21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2         900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT        .083  TIME INTERVAL IN HOURS

                Total inflow from Apache Wash and Cave Creek

126 HC          HYDROGRAPH COMBINATION
                      ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                    ***

*****************************************************************************************************************************

                                        HYDROGRAPH AT STATION      C550
```

SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	7300.	2		1330	451	170.	3		0815	676	170.
1		0005	2	0.	1		1850	227	7085.	2		1335	452	170.	3		0820	677	170.
1		0010	3	0.	1		1855	228	6829.	2		1340	453	170.	3		0825	678	170.
1		0015	4	0.	1		1900	229	6575.	2		1345	454	170.	3		0830	679	170.
1		0020	5	0.	1		1905	230	6320.	2		1350	455	170.	3		0835	680	170.
1		0025	6	0.	1		1910	231	6071.	2		1355	456	170.	3		0840	681	170.
1		0030	7	0.	1		1915	232	5830.	2		1400	457	170.	3		0845	682	170.
1		0035	8	0.	1		1920	233	5596.	2		1405	458	170.	3		0850	683	170.
1		0040	9	0.	1		1925	234	5384.	2		1410	459	170.	3		0855	684	170.
1		0045	10	0.	1		1930	235	5181.	2		1415	460	170.	3		0900	685	170.
1		0050	11	0.	1		1935	236	4997.	2		1420	461	170.	3		0905	686	170.
1		0055	12	0.	1		1940	237	4827.	2		1425	462	170.	3		0910	687	170.
1		0100	13	0.	1		1945	238	4682.	2		1430	463	170.	3		0915	688	170.
1		0105	14	0.	1		1950	239	4557.	2		1435	464	170.	3		0920	689	170.
1		0110	15	0.	1		1955	240	4450.	2		1440	465	170.	3		0925	690	170.
1		0115	16	0.	1		2000	241	4337.	2		1445	466	170.	3		0930	691	170.
1		0120	17	0.	1		2005	242	4221.	2		1450	467	170.	3		0935	692	170.
1		0125	18	0.	1		2010	243	4099.	2		1455	468	170.	3		0940	693	170.
1		0130	19	0.	1		2015	244	3977.	2		1500	469	170.	3		0945	694	170.
1		0135	20	0.	1		2020	245	3851.	2		1505	470	170.	3		0950	695	170.
1		0140	21	0.	1		2025	246	3729.	2		1510	471	170.	3		0955	696	170.
1		0145	22	0.	1		2030	247	3603.	2		1515	472	170.	3		1000	697	170.
1		0150	23	0.	1		2035	248	3476.	2		1520	473	170.	3		1005	698	170.
1		0155	24	0.	1		2040	249	3350.	2		1525	474	170.	3		1010	699	170.
1		0200	25	0.	1		2045	250	3225.	2		1530	475	170.	3		1015	700	170.
1		0205	26	0.	1		2050	251	3103.	2		1535	476	170.	3		1020	701	170.
1		0210	27	0.	1		2055	252	2984.	2		1540	477	170.	3		1025	702	170.
1		0215	28	0.	1		2100	253	2869.	2		1545	478	170.	3		1030	703	170.
1		0220	29	0.	1		2105	254	2760.	2		1550	479	170.	3		1035	704	170.
1		0225	30	0.	1		2110	255	2656.	2		1555	480	170.	3		1040	705	170.
1		0230	31	0.	1		2115	256	2562.	2		1600	481	170.	3		1045	706	170.
1		0235	32	0.	1		2120	257	2475.	2		1605	482	170.	3		1050	707	170.
1		0240	33	0.	1		2125	258	2392.	2		1610	483	170.	3		1055	708	170.
1		0245	34	1.	1		2130	259	2313.	2		1615	484	170.	3		1100	709	170.
1		0250	35	1.	1		2135	260	2238.	2		1620	485	170.	3		1105	710	170.
1		0255	36	1.	1		2140	261	2162.	2		1625	486	170.	3		1110	711	170.
1		0300	37	1.	1		2145	262	2089.	2		1630	487	170.	3		1115	712	170.
1		0305	38	1.	1		2150	263	2015.	2		1635	488	170.	3		1120	713	170.
1		0310	39	1.	1		2155	264	1940.	2		1640	489	170.	3		1125	714	170.
1		0315	40	1.	1		2200	265	1861.	2		1645	490	170.	3		1130	715	170.
1		0320	41	1.	1		2205	266	1772.	2		1650	491	170.	3		1135	716	170.
1		0325	42	1.	1		2210	267	1670.	2		1655	492	170.	3		1140	717	170.
1		0330	43	1.	1		2215	268	1536.	2		1700	493	170.	3		1145	718	170.
1		0335	44	2.	1		2220	269	1390.	2		1705	494	170.	3		1150	719	170.
1		0340	45	2.	1		2225	270	1294.	2		1710	495	170.	3		1155	720	170.
1		0345	46	2.	1		2230	271	1232.	2		1715	496	170.	3		1200	721	170.
1		0350	47	2.	1		2235	272	1187.	2		1720	497	170.	3		1205	722	170.
1		0355	48	2.	1		2240	273	1151.	2		1725	498	170.	3		1210	723	170.
1		0400	49	2.	1		2245	274	1119.	2		1730	499	170.	3		1215	724	170.
1		0405	50	3.	1		2250	275	1090.	2		1735	500	170.	3		1220	725	170.
1		0410	51	3.	1		2255	276	1062.	2		1740	501	170.	3		1225	726	170.
1		0415	52	3.	1		2300	277	1036.	2		1745	502	170.	3		1230	727	170.
1		0420	53	3.	1		2305	278	1012.	2		1750	503	170.	3		1235	728	170.
1		0425	54	3.	1		2310	279	988.	2		1755	504	170.	3		1240	729	170.
1		0430	55	4.	1		2315	280	965.	2		1800	505	170.	3		1245	730	170.
1		0435	56	4.	1		2320	281	942.	2		1805	506	170.	3		1250	731	170.
1		0440	57	4.	1		2325	282	921.	2		1810	507	170.	3		1255	732	170.
1		0445	58	5.	1		2330	283	900.	2		1815	508	170.	3		1300	733	170.
1		0450	59	5.	1		2335	284	879.	2		1820	509	170.	3		1305	734	170.
1		0455	60	5.	1		2340	285	857.	2		1825	510	170.	3		1310	735	170.
1		0500	61	6.	1		2345	286	837.	2		1830	511	170.	3		1315	736	170.
1		0505	62	6.	1		2350	287	815.	2		1835	512	170.	3		1320	737	170.
1		0510	63	7.	1		2355	288	795.	2		1840	513	170.	3		1325	738	170.
1		0515	64	11.	2		0000	289	774.	2		1845	514	170.	3		1330	739	170.
1		0520	65	15.	2		0005	290	762.	2		1850	515	170.	3		1335	740	170.
1		0525	66	26.	2		0010	291	749.	2		1855	516	170.	3		1340	741	170.
1		0530	67	36.	2		0015	292	737.	2		1900	517	170.	3		1345	742	170.
1		0535	68	307.	2		0020	293	726.	2		1905	518	170.	3		1350	743	170.
1		0540	69	577.	2		0025	294	715.	2		1910	519	170.	3		1355	744	170.
1		0545	70	1353.	2		0030	295	704.	2		1915	520	170.	3		1400	745	170.
1		0550	71	2129.	2		0035	296	695.	2		1920	521	170.	3		1405	746	170.
1		0555	72	3130.	2		0040	297	686.	2		1925	522	170.	3		1410	747	170.
1		0600	73	4132.	2		0045	298	677.	2		1930	523	170.	3		1415	748	170.
1		0605	74	4602.	2		0050	299	668.	2		1935	524	170.	3		1420	749	170.
1		0610	75	5071.	2		0055	300	659.	2		1940	525	170.	3		1425	750	170.
1		0615	76	4768.	2		0100	301	650.	2		1945	526	170.	3		1430	751	170.
1		0620	77	4464.	2		0105	302	641.	2		1950	527	170.	3		1435	752	170.
1		0625	78	4057.	2		0110	303	632.	2		1955	528	170.	3		1440	753	170.
1		0630	79	3654.	2		0115	304	623.	2		2000	529	170.	3		1445	754	170.
1		0635	80	3343.	2		0120	305	614.	2		2005	530	170.	3		1450	755	170.
1		0640	81	3032.	2		0125	306	606.	2		2010	531	170.	3		1455	756	170.
1		0645	82	2913.	2		0130	307	597.	2		2015	532	170.	3		1500	757	170.
1		0650	83	2794.	2		0135	308	589.	2		2020	533	170.	3		1505	758	170.
1		0655	84	2684.	2		0140	309	581.	2		2025	534	170.	3		1510	759	170.
1		0700	85	2573.	2		0145	310	574.	2		2030	535	170.	3		1515	760	170.
1		0705	86	4026.	2		0150	311	566.	2		2035	536	170.	3		1520	761	170.
1		0710	87	5478.	2		0155	312	558.	2		2040	537	170.	3		1525	762	170.
1		0715	88	9396.	2		0200	313	551.	2		2045	538	170.	3		1530	763	170.
1		0720	89	13312.	2		0205	314	543.	2		2050	539	170.	3		1535	764	170.
1		0725	90	15650.	2		0210	315	536.	2		2055	540	170.	3		1540	765	170.
1		0730	91	17986.	2		0215	316	529.	2		2100	541	170.	3		1545	766	170.
1		0735	92	18276.	2		0220	317	521.	2		2105	542	170.	3		1550	767	170.
1		0740	93	18565.	2		0225	318	514.	2		2110	543	170.	3		1555	768	170.
1		0745	94	18127.	2		0230	319	507.	2		2115	544	170.	3		1600	769	170.
1		0750	95	17688.	2		0235	320	500.	2		2120	545	170.	3		1605	770	170.
1		0755	96	17122.	2		0240	321	493.	2		2125	546	170.	3		1610	771	170.
1		0800	97	16555.	2		0245	322	487.	2		2130	547	170.	3		1615	772	170.
1		0805	98	16907.	2		0250	323	481.	2		2135	548	170.	3		1620	773	170.
1		0810	99	17260.	2		0255	324	476.	2		2140	549	170.	3		1625	774	170.
1		0815	100	17366.	2		0300	325	470.	2		2145	550	170.	3		1630	775	170.

1	0820	101	17472.	*	2	0305	326	465.	*	2	2150	551	170.	*	3	1635	776	170.
1	0825	102	16489.	*	2	0310	327	459.	*	2	2155	552	170.	*	3	1640	777	170.
1	0830	103	15507.	*	2	0315	328	454.	*	2	2200	553	170.	*	3	1645	778	170.
1	0835	104	14515.	*	2	0320	329	450.	*	2	2205	554	170.	*	3	1650	779	170.
1	0840	105	13523.	*	2	0325	330	445.	*	2	2210	555	170.	*	3	1655	780	170.
1	0845	106	12644.	*	2	0330	331	440.	*	2	2215	556	170.	*	3	1700	781	170.
1	0850	107	11763.	*	2	0335	332	436.	*	2	2220	557	170.	*	3	1705	782	170.
1	0855	108	11006.	*	2	0340	333	431.	*	2	2225	558	170.	*	3	1710	783	170.
1	0900	109	10248.	*	2	0345	334	425.	*	2	2230	559	170.	*	3	1715	784	170.
1	0905	110	9605.	*	2	0350	335	419.	*	2	2235	560	170.	*	3	1720	785	170.
1	0910	111	8962.	*	2	0355	336	412.	*	2	2240	561	170.	*	3	1725	786	170.
1	0915	112	8420.	*	2	0400	337	405.	*	2	2245	562	170.	*	3	1730	787	170.
1	0920	113	7878.	*	2	0405	338	399.	*	2	2250	563	170.	*	3	1735	788	170.
1	0925	114	7424.	*	2	0410	339	392.	*	2	2255	564	170.	*	3	1740	789	170.
1	0930	115	6970.	*	2	0415	340	385.	*	2	2300	565	170.	*	3	1745	790	170.
1	0935	116	6588.	*	2	0420	341	378.	*	2	2305	566	170.	*	3	1750	791	170.
1	0940	117	6207.	*	2	0425	342	371.	*	2	2310	567	170.	*	3	1755	792	170.
1	0945	118	5887.	*	2	0430	343	365.	*	2	2315	568	170.	*	3	1800	793	170.
1	0950	119	5568.	*	2	0435	344	358.	*	2	2320	569	170.	*	3	1805	794	170.
1	0955	120	5298.	*	2	0440	345	351.	*	2	2325	570	170.	*	3	1810	795	170.
1	1000	121	5033.	*	2	0445	346	345.	*	2	2330	571	170.	*	3	1815	796	170.
1	1005	122	4805.	*	2	0450	347	338.	*	2	2335	572	170.	*	3	1820	797	170.
1	1010	123	4575.	*	2	0455	348	332.	*	2	2340	573	170.	*	3	1825	798	170.
1	1015	124	4375.	*	2	0500	349	325.	*	2	2345	574	170.	*	3	1830	799	170.
1	1020	125	4175.	*	2	0505	350	319.	*	2	2350	575	170.	*	3	1835	800	170.
1	1025	126	4006.	*	2	0510	351	313.	*	2	2355	576	170.	*	3	1840	801	170.
1	1030	127	3835.	*	2	0515	352	307.	*	3	0000	577	170.	*	3	1845	802	170.
1	1035	128	3696.	*	2	0520	353	301.	*	3	0005	578	170.	*	3	1850	803	170.
1	1040	129	3556.	*	2	0525	354	296.	*	3	0010	579	170.	*	3	1855	804	170.
1	1045	130	3444.	*	2	0530	355	290.	*	3	0015	580	170.	*	3	1900	805	170.
1	1050	131	3331.	*	2	0535	356	286.	*	3	0020	581	170.	*	3	1905	806	170.
1	1055	132	3236.	*	2	0540	357	281.	*	3	0025	582	170.	*	3	1910	807	170.
1	1100	133	3141.	*	2	0545	358	278.	*	3	0030	583	170.	*	3	1915	808	170.
1	1105	134	3057.	*	2	0550	359	275.	*	3	0035	584	170.	*	3	1920	809	170.
1	1110	135	2972.	*	2	0555	360	272.	*	3	0040	585	170.	*	3	1925	810	170.
1	1115	136	2894.	*	2	0600	361	270.	*	3	0045	586	170.	*	3	1930	811	170.
1	1120	137	2815.	*	2	0605	362	267.	*	3	0050	587	170.	*	3	1935	812	170.
1	1125	138	2747.	*	2	0610	363	264.	*	3	0055	588	170.	*	3	1940	813	170.
1	1130	139	2678.	*	2	0615	364	260.	*	3	0100	589	170.	*	3	1945	814	170.
1	1135	140	2623.	*	2	0620	365	257.	*	3	0105	590	170.	*	3	1950	815	170.
1	1140	141	2568.	*	2	0625	366	254.	*	3	0110	591	170.	*	3	1955	816	170.
1	1145	142	2528.	*	2	0630	367	251.	*	3	0115	592	170.	*	3	2000	817	170.
1	1150	143	2494.	*	2	0635	368	248.	*	3	0120	593	170.	*	3	2005	818	170.
1	1155	144	2481.	*	2	0640	369	246.	*	3	0125	594	170.	*	3	2010	819	170.
1	1200	145	2487.	*	2	0645	370	243.	*	3	0130	595	170.	*	3	2015	820	170.
1	1205	146	2530.	*	2	0650	371	241.	*	3	0135	596	170.	*	3	2020	821	170.
1	1210	147	2616.	*	2	0655	372	239.	*	3	0140	597	170.	*	3	2025	822	170.
1	1215	148	2774.	*	2	0700	373	237.	*	3	0145	598	170.	*	3	2030	823	170.
1	1220	149	3000.	*	2	0705	374	235.	*	3	0150	599	170.	*	3	2035	824	170.
1	1225	150	3311.	*	2	0710	375	233.	*	3	0155	600	170.	*	3	2040	825	170.
1	1230	151	3702.	*	2	0715	376	231.	*	3	0200	601	170.	*	3	2045	826	170.
1	1235	152	4035.	*	2	0720	377	230.	*	3	0205	602	170.	*	3	2050	827	170.
1	1240	153	4274.	*	2	0725	378	228.	*	3	0210	603	170.	*	3	2055	828	170.
1	1245	154	4442.	*	2	0730	379	227.	*	3	0215	604	170.	*	3	2100	829	170.
1	1250	155	4628.	*	2	0735	380	225.	*	3	0220	605	170.	*	3	2105	830	170.
1	1255	156	4893.	*	2	0740	381	224.	*	3	0225	606	170.	*	3	2110	831	170.
1	1300	157	5288.	*	2	0745	382	222.	*	3	0230	607	170.	*	3	2115	832	170.
1	1305	158	5919.	*	2	0750	383	221.	*	3	0235	608	170.	*	3	2120	833	170.
1	1310	159	6991.	*	2	0755	384	219.	*	3	0240	609	170.	*	3	2125	834	170.
1	1315	160	8845.	*	2	0800	385	218.	*	3	0245	610	170.	*	3	2130	835	170.
1	1320	161	11621.	*	2	0805	386	216.	*	3	0250	611	170.	*	3	2135	836	170.
1	1325	162	14995.	*	2	0810	387	215.	*	3	0255	612	170.	*	3	2140	837	170.
1	1330	163	19460.	*	2	0815	388	213.	*	3	0300	613	170.	*	3	2145	838	170.
1	1335	164	24132.	*	2	0820	389	211.	*	3	0305	614	170.	*	3	2150	839	170.
1	1340	165	28239.	*	2	0825	390	210.	*	3	0310	615	170.	*	3	2155	840	170.
1	1345	166	31952.	*	2	0830	391	209.	*	3	0315	616	170.	*	3	2200	841	170.
1	1350	167	34786.	*	2	0835	392	208.	*	3	0320	617	170.	*	3	2205	842	170.
1	1355	168	36787.	*	2	0840	393	207.	*	3	0325	618	170.	*	3	2210	843	170.
1	1400	169	38097.	*	2	0845	394	205.	*	3	0330	619	170.	*	3	2215	844	170.
1	1405	170	38895.	*	2	0850	395	204.	*	3	0335	620	170.	*	3	2220	845	170.
1	1410	171	39292.	*	2	0855	396	203.	*	3	0340	621	170.	*	3	2225	846	170.
1	1415	172	39368.	*	2	0900	397	201.	*	3	0345	622	170.	*	3	2230	847	170.
1	1420	173	39232.	*	2	0905	398	200.	*	3	0350	623	170.	*	3	2235	848	170.
1	1425	174	38941.	*	2	0910	399	198.	*	3	0355	624	170.	*	3	2240	849	170.
1	1430	175	38527.	*	2	0915	400	197.	*	3	0400	625	170.	*	3	2245	850	170.
1	1435	176	38065.	*	2	0920	401	195.	*	3	0405	626	170.	*	3	2250	851	170.
1	1440	177	37531.	*	2	0925	402	194.	*	3	0410	627	170.	*	3	2255	852	170.
1	1445	178	36999.	*	2	0930	403	192.	*	3	0415	628	170.	*	3	2300	853	170.
1	1450	179	36392.	*	2	0935	404	191.	*	3	0420	629	170.	*	3	2305	854	170.
1	1455	180	35710.	*	2	0940	405	190.	*	3	0425	630	170.	*	3	2310	855	170.
1	1500	181	34965.	*	2	0945	406	189.	*	3	0430	631	170.	*	3	2315	856	170.
1	1505	182	34096.	*	2	0950	407	188.	*	3	0435	632	170.	*	3	2320	857	170.
1	1510	183	33198.	*	2	0955	408	187.	*	3	0440	633	170.	*	3	2325	858	170.
1	1515	184	32214.	*	2	1000	409	187.	*	3	0445	634	170.	*	3	2330	859	170.
1	1520	185	31221.	*	2	1005	410	186.	*	3	0450	635	170.	*	3	2335	860	170.
1	1525	186	30234.	*	2	1010	411	185.	*	3	0455	636	170.	*	3	2340	861	170.
1	1530	187	29220.	*	2	1015	412	185.	*	3	0500	637	170.	*	3	2345	862	170.
1	1535	188	28172.	*	2	1020	413	184.	*	3	0505	638	170.	*	3	2350	863	170.
1	1540	189	27107.	*	2	1025	414	184.	*	3	0510	639	170.	*	3	2355	864	170.
1	1545	190	26060.	*	2	1030	415	184.	*	3	0515	640	170.	*	4	0000	865	170.
1	1550	191	25059.	*	2	1035	416	183.	*	3	0520	641	170.	*	4	0005	866	170.
1	1555	192	24185.	*	2	1040	417	183.	*	3	0525	642	170.	*	4	0010	867	170.
1	1600	193	23296.	*	2	1045	418	182.	*	3	0530	643	170.	*	4	0015	868	170.
1	1605	194	22451.	*	2	1050	419	182.	*	3	0535	644	170.	*	4	0020	869	170.
1	1610	195	21612.	*	2	1055	420	181.	*	3	0540	645	170.	*	4	0025	870	170.
1	1615	196	20860.	*	2	1100	421	181.	*	3	0545	646	170.	*	4	0030	871	170.
1	1620	197	20095.	*	2	1105	422	180.	*	3	0550	647	170.	*	4	0035	872	170.
1	1625	198	19478.	*	2	1110	423	180.	*	3	0555	648	170.	*	4	0040	873	170.
1	1630	199	18891.	*	2	1115	424	179.	*	3	0600	649	170.	*	4	0045	874	170.
1	1635	200	18266.	*	2	1120	425	179.	*	3	0605	650	170.	*	4	0050	875	170.
1	1640	201	17640.	*	2	1125	426	178.	*	3	0610	651	170.	*	4	0055	876	170.
1	1645	202	17033.	*	2	1130	427	178.	*	3	0615	652	170.	*	4	0100	877	170.
1	1650	203	16437.	*	2	1135	428	177.	*	3	0620	653	170.	*	4	0105	878	170.
1	1655	204	15895.	*	2	1140	429	177.	*	3	0625	654	170.	*	4	0110	879	170.
1	1700	205	15410.	*	2	1145	430	176.	*	3	0630	655	170.	*	4	0115	880	170.
1	1705	206	14941.	*	2	1150	431	176.	*	3	0635	656	170.	*	4	0120	881	170.

1	1710	207	14493.	*	2	1155	432	176.	*	3	0640	657	170.	*	4	0125	882	170.
1	1715	208	14019.	*	2	1200	433	175.	*	3	0645	658	170.	*	4	0130	883	170.
1	1720	209	13542.	*	2	1205	434	175.	*	3	0650	659	170.	*	4	0135	884	170.
1	1725	210	13020.	*	2	1210	435	174.	*	3	0655	660	170.	*	4	0140	885	170.
1	1730	211	12533.	*	2	1215	436	174.	*	3	0700	661	170.	*	4	0145	886	170.
1	1735	212	12049.	*	2	1220	437	174.	*	3	0705	662	170.	*	4	0150	887	170.
1	1740	213	11594.	*	2	1225	438	173.	*	3	0710	663	170.	*	4	0155	888	170.
1	1745	214	11171.	*	2	1230	439	173.	*	3	0715	664	170.	*	4	0200	889	170.
1	1750	215	10745.	*	2	1235	440	173.	*	3	0720	665	170.	*	4	0205	890	170.
1	1755	216	10334.	*	2	1240	441	172.	*	3	0725	666	170.	*	4	0210	891	170.
1	1800	217	9926.	*	2	1245	442	172.	*	3	0730	667	170.	*	4	0215	892	170.
1	1805	218	9528.	*	2	1250	443	172.	*	3	0735	668	170.	*	4	0220	893	170.
1	1810	219	9113.	*	2	1255	444	172.	*	3	0740	669	170.	*	4	0225	894	170.
1	1815	220	8725.	*	2	1300	445	171.	*	3	0745	670	170.	*	4	0230	895	170.
1	1820	221	8372.	*	2	1305	446	171.	*	3	0750	671	170.	*	4	0235	896	170.
1	1825	222	8074.	*	2	1310	447	171.	*	3	0755	672	170.	*	4	0240	897	170.
1	1830	223	7814.	*	2	1315	448	171.	*	3	0800	673	170.	*	4	0245	898	170.
1	1835	224	7662.	*	2	1320	449	171.	*	3	0805	674	170.	*	4	0250	899	170.
1	1840	225	7508.	*	2	1325	450	171.	*	3	0810	675	170.	*	4	0255	900	170.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+ 39368.	14.25	(CFS)	21209.	8085.	2806.	2697.
		(INCHES)	1.140	1.739	1.811	1.811
		(AC-FT)	10517.	16037.	16698.	16698.

CUMULATIVE AREA = 172.93 SQ MI

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          *            *
220 KK    *    CBD-I   *
          *            *
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221 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	21	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	900	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

Total inflow to Cave Buttes Dam

223 HC HYDROGRAPH COMBINATION

ICOMP	2	NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION CBD-I
SUM OF 2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	7348.	2		1330	451	170.	3		0815	676	170.
1		0005	2	0.	1		1850	227	7132.	2		1335	452	170.	3		0820	677	170.
1		0010	3	0.	1		1855	228	6876.	2		1340	453	170.	3		0825	678	170.
1		0015	4	0.	1		1900	229	6621.	2		1345	454	170.	3		0830	679	170.
1		0020	5	0.	1		1905	230	6365.	2		1350	455	170.	3		0835	680	170.
1		0025	6	1.	1		1910	231	6116.	2		1355	456	170.	3		0840	681	170.
1		0030	7	1.	1		1915	232	5874.	2		1400	457	170.	3		0845	682	170.
1		0035	8	2.	1		1920	233	5640.	2		1405	458	170.	3		0850	683	170.
1		0040	9	3.	1		1925	234	5428.	2		1410	459	170.	3		0855	684	170.
1		0045	10	3.	1		1930	235	5224.	2		1415	460	170.	3		0900	685	170.
1		0050	11	4.	1		1935	236	5040.	2		1420	461	170.	3		0905	686	170.
1		0055	12	5.	1		1940	237	4870.	2		1425	462	170.	3		0910	687	170.
1		0100	13	7.	1		1945	238	4724.	2		1430	463	170.	3		0915	688	170.
1		0105	14	8.	1		1950	239	4599.	2		1435	464	170.	3		0920	689	170.
1		0110	15	9.	1		1955	240	4492.	2		1440	465	170.	3		0925	690	170.
1		0115	16	11.	1		2000	241	4379.	2		1445	466	170.	3		0930	691	170.
1		0120	17	12.	1		2005	242	4262.	2		1450	467	170.	3		0935	692	170.
1		0125	18	14.	1		2010	243	4140.	2		1455	468	170.	3		0940	693	170.
1		0130	19	15.	1		2015	244	4018.	2		1500	469	170.	3		0945	694	170.
1		0135	20	17.	1		2020	245	3891.	2		1505	470	170.	3		0950	695	170.
1		0140	21	18.	1		2025	246	3769.	2		1510	471	170.	3		0955	696	170.
1		0145	22	19.	1		2030	247	3642.	2		1515	472	170.	3		1000	697	170.
1		0150	23	20.	1		2035	248	3515.	2		1520	473	170.	3		1005	698	170.
1		0155	24	21.	1		2040	249	3388.	2		1525	474	170.	3		1010	699	170.
1		0200	25	22.	1		2045	250	3263.	2		1530	475	170.	3		1015	700	170.
1		0205	26	23.	1		2050	251	3140.	2		1535	476	170.	3		1020	701	170.
1		0210	27	24.	1		2055	252	3021.	2		1540	477	170.	3		1025	702	170.
1		0215	28	24.	1		2100	253	2905.	2		1545	478	170.	3		1030	703	170.
1		0220	29	25.	1		2105	254	2796.	2		1550	479	170.	3		1035	704	170.
1		0225	30	25.	1		2110	255	2691.	2		1555	480	170.	3		1040	705	170.
1		0230	31	26.	1		2115	256	2597.	2		1600	481	170.	3		1045	706	170.
1		0235	32	26.	1		2120	257	2509.	2		1605	482	170.	3		1050	707	170.
1		0240	33	27.	1		2125	258	2426.	2		1610	483	170.	3		1055	708	170.
1		0245	34	28.	1		2130	259	2346.	2		1615	484	170.	3		1100	709	170.
1		0250	35	28.	1		2135	260	2271.	2		1620	485	170.	3		1105	710	170.
1		0255	36	29.	1		2140	261	2195.	2		1625	486	170.	3		1110	711	170.

1	0300	37	29.	*	1	2145	262	2122.	*	2	1630	487	170.	*	3	1115	712	170.
1	0305	38	29.	*	1	2150	263	2047.	*	2	1635	488	170.	*	3	1120	713	170.
1	0310	39	29.	*	1	2155	264	1972.	*	2	1640	489	170.	*	3	1125	714	170.
1	0315	40	29.	*	1	2200	265	1893.	*	2	1645	490	170.	*	3	1130	715	170.
1	0320	41	30.	*	1	2205	266	1804.	*	2	1650	491	170.	*	3	1135	716	170.
1	0325	42	30.	*	1	2210	267	1701.	*	2	1655	492	170.	*	3	1140	717	170.
1	0330	43	30.	*	1	2215	268	1567.	*	2	1700	493	170.	*	3	1145	718	170.
1	0335	44	31.	*	1	2220	269	1421.	*	2	1705	494	170.	*	3	1150	719	170.
1	0340	45	31.	*	1	2225	270	1325.	*	2	1710	495	170.	*	3	1155	720	170.
1	0345	46	31.	*	1	2230	271	1263.	*	2	1715	496	170.	*	3	1200	721	170.
1	0350	47	31.	*	1	2235	272	1218.	*	2	1720	497	170.	*	3	1205	722	170.
1	0355	48	32.	*	1	2240	273	1182.	*	2	1725	498	170.	*	3	1210	723	170.
1	0400	49	32.	*	1	2245	274	1150.	*	2	1730	499	170.	*	3	1215	724	170.
1	0405	50	33.	*	1	2250	275	1121.	*	2	1735	500	170.	*	3	1220	725	170.
1	0410	51	33.	*	1	2255	276	1093.	*	2	1740	501	170.	*	3	1225	726	170.
1	0415	52	33.	*	1	2300	277	1066.	*	2	1745	502	170.	*	3	1230	727	170.
1	0420	53	33.	*	1	2305	278	1042.	*	2	1750	503	170.	*	3	1235	728	170.
1	0425	54	34.	*	1	2310	279	1018.	*	2	1755	504	170.	*	3	1240	729	170.
1	0430	55	35.	*	1	2315	280	995.	*	2	1800	505	170.	*	3	1245	730	170.
1	0435	56	36.	*	1	2320	281	972.	*	2	1805	506	170.	*	3	1250	731	170.
1	0440	57	36.	*	1	2325	282	951.	*	2	1810	507	170.	*	3	1255	732	170.
1	0445	58	37.	*	1	2330	283	930.	*	2	1815	508	170.	*	3	1300	733	170.
1	0450	59	38.	*	1	2335	284	909.	*	2	1820	509	170.	*	3	1305	734	170.
1	0455	60	39.	*	1	2340	285	887.	*	2	1825	510	170.	*	3	1310	735	170.
1	0500	61	40.	*	1	2345	286	867.	*	2	1830	511	170.	*	3	1315	736	170.
1	0505	62	41.	*	1	2350	287	845.	*	2	1835	512	170.	*	3	1320	737	170.
1	0510	63	42.	*	1	2355	288	825.	*	2	1840	513	170.	*	3	1325	738	170.
1	0515	64	47.	*	2	0000	289	804.	*	2	1845	514	170.	*	3	1330	739	170.
1	0520	65	51.	*	2	0005	290	792.	*	2	1850	515	170.	*	3	1335	740	170.
1	0525	66	62.	*	2	0010	291	778.	*	2	1855	516	170.	*	3	1340	741	170.
1	0530	67	73.	*	2	0015	292	766.	*	2	1900	517	170.	*	3	1345	742	170.
1	0535	68	344.	*	2	0020	293	754.	*	2	1905	518	170.	*	3	1350	743	170.
1	0540	69	614.	*	2	0025	294	743.	*	2	1910	519	170.	*	3	1355	744	170.
1	0545	70	1391.	*	2	0030	295	731.	*	2	1915	520	170.	*	3	1400	745	170.
1	0550	71	2167.	*	2	0035	296	721.	*	2	1920	521	170.	*	3	1405	746	170.
1	0555	72	3168.	*	2	0040	297	711.	*	2	1925	522	170.	*	3	1410	747	170.
1	0600	73	4170.	*	2	0045	298	700.	*	2	1930	523	170.	*	3	1415	748	170.
1	0605	74	4641.	*	2	0050	299	690.	*	2	1935	524	170.	*	3	1420	749	170.
1	0610	75	5110.	*	2	0055	300	680.	*	2	1940	525	170.	*	3	1425	750	170.
1	0615	76	4807.	*	2	0100	301	669.	*	2	1945	526	170.	*	3	1430	751	170.
1	0620	77	4503.	*	2	0105	302	659.	*	2	1950	527	170.	*	3	1435	752	170.
1	0625	78	4096.	*	2	0110	303	648.	*	2	1955	528	170.	*	3	1440	753	170.
1	0630	79	3694.	*	2	0115	304	638.	*	2	2000	529	170.	*	3	1445	754	170.
1	0635	80	3383.	*	2	0120	305	627.	*	2	2005	530	170.	*	3	1450	755	170.
1	0640	81	3072.	*	2	0125	306	618.	*	2	2010	531	170.	*	3	1455	756	170.
1	0645	82	2954.	*	2	0130	307	608.	*	2	2015	532	170.	*	3	1500	757	170.
1	0650	83	2835.	*	2	0135	308	599.	*	2	2020	533	170.	*	3	1505	758	170.
1	0655	84	2726.	*	2	0140	309	590.	*	2	2025	534	170.	*	3	1510	759	170.
1	0700	85	2615.	*	2	0145	310	582.	*	2	2030	535	170.	*	3	1515	760	170.
1	0705	86	4069.	*	2	0150	311	573.	*	2	2035	536	170.	*	3	1520	761	170.
1	0710	87	5521.	*	2	0155	312	564.	*	2	2040	537	170.	*	3	1525	762	170.
1	0715	88	9440.	*	2	0200	313	557.	*	2	2045	538	170.	*	3	1530	763	170.
1	0720	89	13356.	*	2	0205	314	548.	*	2	2050	539	170.	*	3	1535	764	170.
1	0725	90	15695.	*	2	0210	315	541.	*	2	2055	540	170.	*	3	1540	765	170.
1	0730	91	18031.	*	2	0215	316	533.	*	2	2100	541	170.	*	3	1545	766	170.
1	0735	92	18322.	*	2	0220	317	525.	*	2	2105	542	170.	*	3	1550	767	170.
1	0740	93	18611.	*	2	0225	318	517.	*	2	2110	543	170.	*	3	1555	768	170.
1	0745	94	18174.	*	2	0230	319	510.	*	2	2115	544	170.	*	3	1600	769	170.
1	0750	95	17735.	*	2	0235	320	503.	*	2	2120	545	170.	*	3	1605	770	170.
1	0755	96	17169.	*	2	0240	321	495.	*	2	2125	546	170.	*	3	1610	771	170.
1	0800	97	16603.	*	2	0245	322	489.	*	2	2130	547	170.	*	3	1615	772	170.
1	0805	98	16955.	*	2	0250	323	483.	*	2	2135	548	170.	*	3	1620	773	170.
1	0810	99	17308.	*	2	0255	324	478.	*	2	2140	549	170.	*	3	1625	774	170.
1	0815	100	17414.	*	2	0300	325	472.	*	2	2145	550	170.	*	3	1630	775	170.
1	0820	101	17521.	*	2	0305	326	466.	*	2	2150	551	170.	*	3	1635	776	170.
1	0825	102	16538.	*	2	0310	327	460.	*	2	2155	552	170.	*	3	1640	777	170.
1	0830	103	15557.	*	2	0315	328	455.	*	2	2200	553	170.	*	3	1645	778	170.
1	0835	104	14565.	*	2	0320	329	451.	*	2	2205	554	170.	*	3	1650	779	170.
1	0840	105	13574.	*	2	0325	330	446.	*	2	2210	555	170.	*	3	1655	780	170.
1	0845	106	12696.	*	2	0330	331	441.	*	2	2215	556	170.	*	3	1700	781	170.
1	0850	107	11816.	*	2	0335	332	437.	*	2	2220	557	170.	*	3	1705	782	170.
1	0855	108	11060.	*	2	0340	333	432.	*	2	2225	558	170.	*	3	1710	783	170.
1	0900	109	10303.	*	2	0345	334	426.	*	2	2230	559	170.	*	3	1715	784	170.
1	0905	110	9662.	*	2	0350	335	419.	*	2	2235	560	170.	*	3	1720	785	170.
1	0910	111	9020.	*	2	0355	336	412.	*	2	2240	561	170.	*	3	1725	786	170.
1	0915	112	8479.	*	2	0400	337	405.	*	2	2245	562	170.	*	3	1730	787	170.
1	0920	113	7939.	*	2	0405	338	399.	*	2	2250	563	170.	*	3	1735	788	170.
1	0925	114	7486.	*	2	0410	339	392.	*	2	2255	564	170.	*	3	1740	789	170.
1	0930	115	7034.	*	2	0415	340	385.	*	2	2300	565	170.	*	3	1745	790	170.
1	0935	116	6653.	*	2	0420	341	378.	*	2	2305	566	170.	*	3	1750	791	170.
1	0940	117	6273.	*	2	0425	342	371.	*	2	2310	567	170.	*	3	1755	792	170.
1	0945	118	5955.	*	2	0430	343	365.	*	2	2315	568	170.	*	3	1800	793	170.
1	0950	119	5637.	*	2	0435	344	358.	*	2	2320	569	170.	*	3	1805	794	170.
1	0955	120	5368.	*	2	0440	345	351.	*	2	2325	570	170.	*	3	1810	795	170.
1	1000	121	5104.	*	2	0445	346	345.	*	2	2330	571	170.	*	3	1815	796	170.
1	1005	122	4877.	*	2	0450	347	338.	*	2	2335	572	170.	*	3	1820	797	170.
1	1010	123	4649.	*	2	0455	348	332.	*	2	2340	573	170.	*	3	1825	798	170.
1	1015	124	4450.	*	2	0500	349	325.	*	2	2345	574	170.	*	3	1830	799	170.
1	1020	125	4251.	*	2	0505	350	319.	*	2	2350	575	170.	*	3	1835	800	170.
1	1025	126	4084.	*	2	0510	351	313.	*	2	2355	576	170.	*	3	1840	801	170.
1	1030	127	3914.	*	2	0515	352	307.	*	3	0000	577	170.	*	3	1845	802	170.
1	1035	128	3777.	*	2	0520	353	301.	*	3	0005	578	170.	*	3	1850	803	170.
1	1040	129	3639.	*	2	0525	354	296.	*	3	0010	579	170.	*	3	1855	804	170.
1	1045	130	3529.	*	2	0530	355	290.	*	3	0015	580	170.	*	3	1900	805	170.
1	1050	131	3418.	*	2	0535	356	286.	*	3	0020	581	170.	*	3	1905	806	170.
1	1055	132	3326.	*	2	0540	357	281.	*	3	0025	582	170.	*	3	1910	807	170.
1	1100	133	3234.	*	2	0545	358	278.	*	3	0030	583	170.	*	3	1915	808	170.
1	1105	134	3154.	*	2	0550	359	275.	*	3	0035	584	170.	*	3	1920	809	170.
1	1110	135	3073.	*	2	0555	360	272.	*	3	0040	585	170.	*	3	1925	810	170.
1	1115	136	2999.	*	2	0600	361	270.	*	3	0045	586	170.	*	3	1930	811	170.
1	1120	137	2935.	*	2	0605	362	267.	*	3	0050	587	170.	*	3	1935	812	170.
1	1125	138	2885.	*	2	0610	363	264.	*	3	0055	588	170.	*	3	1940	813	170.
1	1130	139	2835.	*	2	0615	364	260.	*	3	0100	589	170.	*	3	1945	814	170.
1	1135	140	2916.	*	2	0620	365	257.	*	3	0105	590	170.	*	3	1950	815	170.
1	1140	141	3016.	*	2	0625	366	254.	*	3	0110	591	170.	*	3	1955	816	170.
1	1145	142	3144.	*	2	0630	367	251.	*	3	0115	592	170.	*	3	2000	817	170.

1	1150	143	3359.	*	2	0635	368	248.	*	3	0120	593	170.	*	3	2005	818	170.
1	1155	144	3797.	*	2	0640	369	246.	*	3	0125	594	170.	*	3	2010	819	170.
1	1200	145	4359.	*	2	0645	370	243.	*	3	0130	595	170.	*	3	2015	820	170.
1	1205	146	4919.	*	2	0650	371	241.	*	3	0135	596	170.	*	3	2020	821	170.
1	1210	147	5721.	*	2	0655	372	239.	*	3	0140	597	170.	*	3	2025	822	170.
1	1215	148	6729.	*	2	0700	373	237.	*	3	0145	598	170.	*	3	2030	823	170.
1	1220	149	7884.	*	2	0705	374	235.	*	3	0150	599	170.	*	3	2035	824	170.
1	1225	150	9022.	*	2	0710	375	233.	*	3	0155	600	170.	*	3	2040	825	170.
1	1230	151	10210.	*	2	0715	376	231.	*	3	0200	601	170.	*	3	2045	826	170.
1	1235	152	11253.	*	2	0720	377	230.	*	3	0205	602	170.	*	3	2050	827	170.
1	1240	153	12115.	*	2	0725	378	228.	*	3	0210	603	170.	*	3	2055	828	170.
1	1245	154	12808.	*	2	0730	379	227.	*	3	0215	604	170.	*	3	2100	829	170.
1	1250	155	13408.	*	2	0735	380	225.	*	3	0220	605	170.	*	3	2105	830	170.
1	1255	156	13889.	*	2	0740	381	224.	*	3	0225	606	170.	*	3	2110	831	170.
1	1300	157	14361.	*	2	0745	382	222.	*	3	0230	607	170.	*	3	2115	832	170.
1	1305	158	14955.	*	2	0750	383	221.	*	3	0235	608	170.	*	3	2120	833	170.
1	1310	159	15789.	*	2	0755	384	219.	*	3	0240	609	170.	*	3	2125	834	170.
1	1315	160	17271.	*	2	0800	385	218.	*	3	0245	610	170.	*	3	2130	835	170.
1	1320	161	19564.	*	2	0805	386	216.	*	3	0250	611	170.	*	3	2135	836	170.
1	1325	162	22372.	*	2	0810	387	215.	*	3	0255	612	170.	*	3	2140	837	170.
1	1330	163	26225.	*	2	0815	388	213.	*	3	0300	613	170.	*	3	2145	838	170.
1	1335	164	30258.	*	2	0820	389	211.	*	3	0305	614	170.	*	3	2150	839	170.
1	1340	165	33793.	*	2	0825	390	210.	*	3	0310	615	170.	*	3	2155	840	170.
1	1345	166	36980.	*	2	0830	391	209.	*	3	0315	616	170.	*	3	2200	841	170.
1	1350	167	39341.	*	2	0835	392	208.	*	3	0320	617	170.	*	3	2205	842	170.
1	1355	168	40914.	*	2	0840	393	207.	*	3	0325	618	170.	*	3	2210	843	170.
1	1400	169	41829.	*	2	0845	394	205.	*	3	0330	619	170.	*	3	2215	844	170.
1	1405	170	42273.	*	2	0850	395	204.	*	3	0335	620	170.	*	3	2220	845	170.
1	1410	171	42348.	*	2	0855	396	203.	*	3	0340	621	170.	*	3	2225	846	170.
1	1415	172	42125.	*	2	0900	397	201.	*	3	0345	622	170.	*	3	2230	847	170.
1	1420	173	41731.	*	2	0905	398	200.	*	3	0350	623	170.	*	3	2235	848	170.
1	1425	174	41196.	*	2	0910	399	198.	*	3	0355	624	170.	*	3	2240	849	170.
1	1430	175	40575.	*	2	0915	400	197.	*	3	0400	625	170.	*	3	2245	850	170.
1	1435	176	39939.	*	2	0920	401	195.	*	3	0405	626	170.	*	3	2250	851	170.
1	1440	177	39214.	*	2	0925	402	194.	*	3	0410	627	170.	*	3	2255	852	170.
1	1445	178	38536.	*	2	0930	403	192.	*	3	0415	628	170.	*	3	2300	853	170.
1	1450	179	37788.	*	2	0935	404	191.	*	3	0420	629	170.	*	3	2305	854	170.
1	1455	180	36973.	*	2	0940	405	190.	*	3	0425	630	170.	*	3	2310	855	170.
1	1500	181	36091.	*	2	0945	406	189.	*	3	0430	631	170.	*	3	2315	856	170.
1	1505	182	35105.	*	2	0950	407	188.	*	3	0435	632	170.	*	3	2320	857	170.
1	1510	183	34137.	*	2	0955	408	187.	*	3	0440	633	170.	*	3	2325	858	170.
1	1515	184	33076.	*	2	1000	409	187.	*	3	0445	634	170.	*	3	2330	859	170.
1	1520	185	32006.	*	2	1005	410	186.	*	3	0450	635	170.	*	3	2335	860	170.
1	1525	186	30935.	*	2	1010	411	185.	*	3	0455	636	170.	*	3	2340	861	170.
1	1530	187	29858.	*	2	1015	412	185.	*	3	0500	637	170.	*	3	2345	862	170.
1	1535	188	28746.	*	2	1020	413	184.	*	3	0505	638	170.	*	3	2350	863	170.
1	1540	189	27603.	*	2	1025	414	184.	*	3	0510	639	170.	*	3	2355	864	170.
1	1545	190	26478.	*	2	1030	415	184.	*	3	0515	640	170.	*	4	0000	865	170.
1	1550	191	25398.	*	2	1035	416	183.	*	3	0520	641	170.	*	4	0005	866	170.
1	1555	192	24514.	*	2	1040	417	183.	*	3	0525	642	170.	*	4	0010	867	170.
1	1600	193	23620.	*	2	1045	418	182.	*	3	0530	643	170.	*	4	0015	868	170.
1	1605	194	22769.	*	2	1050	419	182.	*	3	0535	644	170.	*	4	0020	869	170.
1	1610	195	21928.	*	2	1055	420	181.	*	3	0540	645	170.	*	4	0025	870	170.
1	1615	196	21174.	*	2	1100	421	181.	*	3	0545	646	170.	*	4	0030	871	170.
1	1620	197	20407.	*	2	1105	422	180.	*	3	0550	647	170.	*	4	0035	872	170.
1	1625	198	19786.	*	2	1110	423	180.	*	3	0555	648	170.	*	4	0040	873	170.
1	1630	199	19194.	*	2	1115	424	179.	*	3	0600	649	170.	*	4	0045	874	170.
1	1635	200	18564.	*	2	1120	425	179.	*	3	0605	650	170.	*	4	0050	875	170.
1	1640	201	17906.	*	2	1125	426	178.	*	3	0610	651	170.	*	4	0055	876	170.
1	1645	202	17266.	*	2	1130	427	178.	*	3	0615	652	170.	*	4	0100	877	170.
1	1650	203	16637.	*	2	1135	428	177.	*	3	0620	653	170.	*	4	0105	878	170.
1	1655	204	16052.	*	2	1140	429	177.	*	3	0625	654	170.	*	4	0110	879	170.
1	1700	205	15525.	*	2	1145	430	176.	*	3	0630	655	170.	*	4	0115	880	170.
1	1705	206	15013.	*	2	1150	431	176.	*	3	0635	656	170.	*	4	0120	881	170.
1	1710	207	14562.	*	2	1155	432	176.	*	3	0640	657	170.	*	4	0125	882	170.
1	1715	208	14085.	*	2	1200	433	175.	*	3	0645	658	170.	*	4	0130	883	170.
1	1720	209	13606.	*	2	1205	434	175.	*	3	0650	659	170.	*	4	0135	884	170.
1	1725	210	13083.	*	2	1210	435	174.	*	3	0655	660	170.	*	4	0140	885	170.
1	1730	211	12595.	*	2	1215	436	174.	*	3	0700	661	170.	*	4	0145	886	170.
1	1735	212	12109.	*	2	1220	437	174.	*	3	0705	662	170.	*	4	0150	887	170.
1	1740	213	11654.	*	2	1225	438	173.	*	3	0710	663	170.	*	4	0155	888	170.
1	1745	214	11230.	*	2	1230	439	173.	*	3	0715	664	170.	*	4	0200	889	170.
1	1750	215	10803.	*	2	1235	440	173.	*	3	0720	665	170.	*	4	0205	890	170.
1	1755	216	10391.	*	2	1240	441	172.	*	3	0725	666	170.	*	4	0210	891	170.
1	1800	217	9982.	*	2	1245	442	172.	*	3	0730	667	170.	*	4	0215	892	170.
1	1805	218	9583.	*	2	1250	443	172.	*	3	0735	668	170.	*	4	0220	893	170.
1	1810	219	9167.	*	2	1255	444	172.	*	3	0740	669	170.	*	4	0225	894	170.
1	1815	220	8778.	*	2	1300	445	171.	*	3	0745	670	170.	*	4	0230	895	170.
1	1820	221	8424.	*	2	1305	446	171.	*	3	0750	671	170.	*	4	0235	896	170.
1	1825	222	8125.	*	2	1310	447	171.	*	3	0755	672	170.	*	4	0240	897	170.
1	1830	223	7865.	*	2	1315	448	171.	*	3	0800	673	170.	*	4	0245	898	170.
1	1835	224	7712.	*	2	1320	449	171.	*	3	0805	674	170.	*	4	0250	899	170.
1	1840	225	7557.	*	2	1325	450	171.	*	3	0810	675	170.	*	4	0255	900	170.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 42348.	14.17		23314.	8791.	3043.	2925.
		(INCHES)	1.142	1.722	1.788	1.788
		(AC-FT)	11561.	17437.	18106.	18109.

CUMULATIVE AREA = 189.89 SQ MI

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           *            *
224 KK     *    CBD-O   *
           *            *
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225 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

HYDROGRAPH ROUTING DATA

226 RS STORAGE ROUTING

NSTPS	1	NUMBER OF SUBREACHES
ITYP	FLOW	TYPE OF INITIAL CONDITION
RSVRIC	-1.00	INITIAL CONDITION
X	.00	WORKING R AND D COEFFICIENT

227 SV	STORAGE	.0	250.0	700.0	1100.0	1800.0	2600.0	4000.0	6300.0	9400.0	13000.0
		17500.0	23000.0	29200.0	37000.0	46000.0					
229 SE	ELEVATION	1560.70	1595.00	1600.00	1605.00	1610.00	1615.00	1620.00	1625.00	1630.00	1635.00
		1640.00	1645.00	1650.00	1655.00	1660.00					
231 SQ	DISCHARGE	0.	132.	215.	243.	268.	290.	311.	330.	347.	365.
		381.	398.	413.	428.	442.	455.	468.	481.	493.	
233 SE	ELEVATION	1560.70	1570.00	1580.00	1585.00	1590.00	1595.00	1600.00	1605.00	1610.00	1615.00
		1620.00	1625.00	1630.00	1635.00	1640.00	1645.00	1650.00	1655.00	1660.00	

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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	67.78	140.67	177.11	213.56	250.00	700.00	1100.00	1800.00	2600.00
OUTFLOW	.00	132.00	215.00	243.00	268.00	290.00	311.00	330.00	347.00	365.00
ELEVATION	1560.70	1570.00	1580.00	1585.00	1590.00	1595.00	1600.00	1605.00	1610.00	1615.00
STORAGE	4000.00	6300.00	9400.00	13000.00	17500.00	23000.00	29200.00	37000.00	46000.00	
OUTFLOW	381.00	398.00	413.00	428.00	442.00	455.00	468.00	481.00	493.00	
ELEVATION	1620.00	1625.00	1630.00	1635.00	1640.00	1645.00	1650.00	1655.00	1660.00	

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HYDROGRAPH AT STATION CBD-O

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1560.7	2		0100	301	439.	16644.6	1639.0	3		0200	601	438.	16221.0	1638.6
1		0005	2	0.	.0	1560.7	2		0105	302	439.	16646.1	1639.1	3		0205	602	438.	16219.1	1638.6
1		0010	3	0.	.0	1560.7	2		0110	303	439.	16647.6	1639.1	3		0210	603	438.	16217.3	1638.6
1		0015	4	0.	.0	1560.7	2		0115	304	439.	16649.0	1639.1	3		0215	604	438.	16215.4	1638.6
1		0020	5	0.	.0	1560.7	2		0120	305	439.	16650.4	1639.1	3		0220	605	438.	16213.6	1638.6
1		0025	6	0.	.0	1560.7	2		0125	306	439.	16651.6	1639.1	3		0225	606	438.	16211.8	1638.6
1		0030	7	0.	.0	1560.7	2		0130	307	439.	16652.8	1639.1	3		0230	607	438.	16209.9	1638.6
1		0035	8	0.	.0	1560.7	2		0135	308	439.	16653.9	1639.1	3		0235	608	438.	16208.1	1638.6
1		0040	9	0.	.0	1560.7	2		0140	309	439.	16655.0	1639.1	3		0240	609	438.	16206.2	1638.6
1		0045	10	0.	.1	1560.7	2		0145	310	439.	16656.0	1639.1	3		0245	610	438.	16204.4	1638.6
1		0050	11	0.	.1	1560.7	2		0150	311	439.	16657.0	1639.1	3		0250	611	438.	16202.5	1638.6
1		0055	12	0.	.1	1560.7	2		0155	312	439.	16657.9	1639.1	3		0255	612	438.	16200.7	1638.6
1		0100	13	0.	.1	1560.7	2		0200	313	439.	16658.7	1639.1	3		0300	613	438.	16198.8	1638.6
1		0105	14	0.	.2	1560.7	2		0205	314	439.	16659.5	1639.1	3		0305	614	438.	16197.0	1638.6
1		0110	15	0.	.3	1560.7	2		0210	315	439.	16660.2	1639.1	3		0310	615	438.	16195.1	1638.6
1		0115	16	1.	.3	1560.7	2		0215	316	439.	16660.9	1639.1	3		0315	616	438.	16193.3	1638.5
1		0120	17	1.	.4	1560.8	2		0220	317	439.	16661.5	1639.1	3		0320	617	438.	16191.5	1638.5
1		0125	18	1.	.5	1560.8	2		0225	318	439.	16662.0	1639.1	3		0325	618	438.	16189.6	1638.5
1		0130	19	1.	.6	1560.8	2		0230	319	439.	16662.6	1639.1	3		0330	619	438.	16187.8	1638.5
1		0135	20	1.	.7	1560.8	2		0235	320	439.	16663.0	1639.1	3		0335	620	438.	16185.9	1638.5
1		0140	21	2.	.8	1560.8	2		0240	321	439.	16663.4	1639.1	3		0340	621	438.	16184.1	1638.5
1		0145	22	2.	.9	1560.8	2		0245	322	439.	16663.8	1639.1	3		0345	622	438.	16182.2	1638.5
1		0150	23	2.	1.0	1560.8	2		0250	323	439.	16664.1	1639.1	3		0350	623	438.	16180.4	1638.5
1		0155	24	2.	1.1	1560.9	2		0255	324	439.	16664.4	1639.1	3		0355	624	438.	16178.5	1638.5
1		0200	25	2.	1.3	1560.9	2		0300	325	439.	16664.6	1639.1	3		0400	625	438.	16176.7	1638.5
1		0205	26	3.	1.4	1560.9	2		0305	326	439.	16664.8	1639.1	3		0405	626	438.	16174.8	1638.5
1		0210	27	3.	1.6	1560.9	2		0310	327	439.	16665.0	1639.1	3		0410	627	438.	16173.0	1638.5
1		0215	28	3.	1.7	1560.9	2		0315	328	439.	16665.1	1639.1	3		0415	628	438.	16171.2	1638.5
1		0220	29	4.	1.8	1561.0	2		0320	329	439.	16665.2	1639.1	3		0420	629	438.	16169.3	1638.5
1		0225	30	4.	2.0	1561.0	2		0325	330	439.	16665.3	1639.1	3		0425	630	438.	16167.5	1638.5
1		0230	31	4.	2.1	1561.0	2		0330	331	439.	16665.3	1639.1	3		0430	631	438.	16165.6	1638.5
1		0235	32	4.	2.3	1561.0	2		0335	332	439.	16665.3	1639.1	3		0435	632	438.	16163.8	1638.5
1		0240	33	5.	2.4	1561.0	2		0340	333	439.	16665.3	1639.1	3		0440	633	438.	16161.9	1638.5
1		0245	34	5.	2.6	1561.1	2		0345	334	439.	16665.2	1639.1	3		0445	634	438.	16160.1	1638.5
1		0250	35	5.	2.8	1561.1	2		0350	335	439.	16665.1	1639.1	3		0450	635	438.	16158.2	1638.5
1		0255	36	6.	2.9	1561.1	2		0355	336	439.	16664.9	1639.1	3		0455	636	438.	16156.4	1638.5
1		0300	37	6.	3.1	1561.1	2		0400	337	439.	16664.7	1639.1	3		0500	637	438.	16154.6	1638.5
1		0305	38	6.	3.2	1561.1	2		0405	338	439.	16664.4	1639.1	3		0505	638	438.	16152.7	1638.5
1		0310	39	7.	3.4	1561.2	2		0410	339	439.	16664.1	1639.1	3		0510	639	438.	16150.9	1638.5
1		0315	40	7.	3.5	1561.2	2		0415	340	439.	16663.8	1639.1	3		0515	640	438.	16149.0	1638.5
1		0320	41	7.	3.7	1561.2	2		0420	341	439.	16663.4	1639.1	3		0520	641	438.	16147.2	1638.5
1		0325	42	7.	3.8	1561.2	2		0425	342	439.	16662.9	1639.1	3		0525	642	438.	16145.3	1638.5
1		0330	43	8.	4.0	1561.2	2		0430	343	439.	16662.5	1639.1	3		0530	643	438.	16143.5	1638.5
1		0335	44	8.	4.2	1561.3	2		0435	344	439.	16661.9	1639.1	3		0535	644	438.	16141.6	1638.5
1		0340	45	8.	4.3	1561.3	2		0440	345	439.	16661.3	1639.1	3		0540	645	438.	16139.8	1638.5
1		0345	46	9.	4.5	1561.3	2		0445	346	439.	16660.7	1639.1	3		0545	646	438.	16138.0	1638.5
1		0350	47	9.	4.6	1561.3	2		0450	347	439.	16660.0	1639.1	3		0550	647	438.	16136.1	1638.5
1		0355	48	9.	4.8	1561.4	2		0455	348	439.	16659.3	1639.1	3		0555	648	438.	16134.3	1638.5
1		0400	49	10.	4.9	1561.4	2		0500	349	439.	16658.5	1639.1	3		0600	649	438.	16132.4	1638.5
1		0405	50	10.	5.1	1561.4	2		0505	350	439.	16657.7	1639.1	3		0605	650	438.	16130.6	1638.5
1		0410	51	10.	5.2	1561.4	2		0510	351	439.	16656.9	1639.1	3		0610	651	438.	16128.7	1638.5
1		0415	52	11.	5.4	1561.4	2		0515	352	439.	16656.0	1639.1	3		0615	652	438.	16126.9	1638.5
1		0420	53	11.	5.6	1561.5	2		0520	353	439.	16655.1	1639.1	3		0620	653	438.	16125.1	1638.5
1		0425	54	11.	5.7	1561.5	2		0525	354	439.	16654.1	1639.1	3		0625	654	438.	16123.2	1638.5
1		0430	55	11.	5.9	1561.5	2		0530	355	439.	16653.1	1639.1	3		0630	655	438.	16121.4	1638.5
1		0435	56	12.	6.0	1561.5	2		0535	356	439.	16652.0	1639.1	3		0635	656	438.	16119.5	1638.5
1		0440	57	12.	6.2	1561.6	2		0540	357	439.	16651.0	1639.1	3		0640	657	438.	16117.7	1638.5
1		0445	58	12.	6.4	1561.6	2		0545	358	439.	16649.9	1639.1	3		0645	658	438.	16115.8	1638.5
1		0450	59	13.	6.5	1561.6	2		0550	359	439.	16648.7	1639.1	3		0650	659	438.	16114.0	1638.5

1	0455	60	13.	6.7	1561.6	*	2	0555	360	439.	16647.6	1639.1	*	3	0655	660	438.	16112.1	1638.5
1	0500	61	13.	6.9	1561.6	*	2	0600	361	439.	16646.4	1639.1	*	3	0700	661	438.	16110.3	1638.5
1	0505	62	14.	7.1	1561.7	*	2	0605	362	439.	16645.3	1639.1	*	3	0705	662	438.	16108.5	1638.5
1	0510	63	14.	7.3	1561.7	*	2	0610	363	439.	16644.1	1639.0	*	3	0710	663	438.	16106.6	1638.5
1	0515	64	15.	7.5	1561.7	*	2	0615	364	439.	16642.9	1639.0	*	3	0715	664	438.	16104.8	1638.4
1	0520	65	15.	7.7	1561.8	*	2	0620	365	439.	16641.6	1639.0	*	3	0720	665	438.	16102.9	1638.4
1	0525	66	16.	8.0	1561.8	*	2	0625	366	439.	16640.3	1639.0	*	3	0725	666	438.	16101.1	1638.4
1	0530	67	16.	8.3	1561.8	*	2	0630	367	439.	16639.1	1639.0	*	3	0730	667	438.	16099.2	1638.4
1	0535	68	19.	9.7	1562.0	*	2	0635	368	439.	16637.7	1639.0	*	3	0735	668	438.	16097.4	1638.4
1	0540	69	25.	12.8	1562.5	*	2	0640	369	439.	16636.4	1639.0	*	3	0740	669	438.	16095.5	1638.4
1	0545	70	38.	19.5	1563.4	*	2	0645	370	439.	16635.1	1639.0	*	3	0745	670	438.	16093.7	1638.4
1	0550	71	61.	31.4	1565.0	*	2	0650	371	439.	16633.7	1639.0	*	3	0750	671	438.	16091.9	1638.4
1	0555	72	96.	49.2	1567.5	*	2	0655	372	439.	16632.4	1639.0	*	3	0755	672	438.	16090.0	1638.4
1	0600	73	139.	73.7	1570.8	*	2	0700	373	439.	16631.0	1639.0	*	3	0800	673	438.	16088.2	1638.4
1	0605	74	172.	103.0	1574.8	*	2	0705	374	439.	16629.6	1639.0	*	3	0805	674	438.	16086.3	1638.4
1	0610	75	209.	135.2	1579.3	*	2	0710	375	439.	16628.2	1639.0	*	3	0810	675	438.	16084.5	1638.4
1	0615	76	236.	167.8	1583.7	*	2	0715	376	439.	16626.7	1639.0	*	3	0815	676	438.	16082.6	1638.4
1	0620	77	257.	198.2	1587.9	*	2	0720	377	439.	16625.3	1639.0	*	3	0820	677	438.	16080.8	1638.4
1	0625	78	275.	226.0	1591.7	*	2	0725	378	439.	16623.8	1639.0	*	3	0825	678	438.	16079.0	1638.4
1	0630	79	290.	250.9	1595.0	*	2	0730	379	439.	16622.4	1639.0	*	3	0830	679	438.	16077.1	1638.4
1	0635	80	291.	273.2	1595.3	*	2	0735	380	439.	16620.9	1639.0	*	3	0835	680	438.	16075.3	1638.4
1	0640	81	292.	293.4	1595.5	*	2	0740	381	439.	16619.4	1639.0	*	3	0840	681	438.	16073.4	1638.4
1	0645	82	293.	312.2	1595.7	*	2	0745	382	439.	16617.9	1639.0	*	3	0845	682	438.	16071.6	1638.4
1	0650	83	294.	330.1	1595.9	*	2	0750	383	439.	16616.4	1639.0	*	3	0850	683	438.	16069.8	1638.4
1	0655	84	295.	347.2	1596.1	*	2	0755	384	439.	16614.9	1639.0	*	3	0855	684	438.	16067.9	1638.4
1	0700	85	295.	363.6	1596.3	*	2	0800	385	439.	16613.4	1639.0	*	3	0900	685	438.	16066.1	1638.4
1	0705	86	296.	384.6	1596.5	*	2	0805	386	439.	16611.9	1639.0	*	3	0905	686	438.	16064.2	1638.4
1	0710	87	298.	415.5	1596.8	*	2	0810	387	439.	16610.3	1639.0	*	3	0910	687	438.	16062.4	1638.4
1	0715	88	300.	465.0	1597.4	*	2	0815	388	439.	16608.8	1639.0	*	3	0915	688	438.	16060.5	1638.4
1	0720	89	304.	541.4	1598.2	*	2	0820	389	439.	16607.2	1639.0	*	3	0920	689	438.	16058.7	1638.4
1	0725	90	308.	639.3	1599.3	*	2	0825	390	439.	16605.7	1639.0	*	3	0925	690	438.	16056.9	1638.4
1	0730	91	314.	753.3	1600.7	*	2	0830	391	439.	16604.1	1639.0	*	3	0930	691	438.	16055.0	1638.4
1	0735	92	319.	876.3	1602.2	*	2	0835	392	439.	16602.5	1639.0	*	3	0935	692	437.	16053.2	1638.4
1	0740	93	325.	1001.3	1603.8	*	2	0840	393	439.	16600.9	1639.0	*	3	0940	693	437.	16051.3	1638.4
1	0745	94	331.	1125.7	1605.2	*	2	0845	394	439.	16599.3	1639.0	*	3	0945	694	437.	16049.5	1638.4
1	0750	95	334.	1247.1	1606.1	*	2	0850	395	439.	16597.7	1639.0	*	3	0950	695	437.	16047.6	1638.4
1	0755	96	336.	1365.0	1606.9	*	2	0855	396	439.	16596.0	1639.0	*	3	0955	696	437.	16045.8	1638.4
1	0800	97	339.	1478.9	1607.7	*	2	0900	397	439.	16594.4	1639.0	*	3	1000	697	437.	16044.0	1638.4
1	0805	98	342.	1592.1	1608.5	*	2	0905	398	439.	16592.8	1639.0	*	3	1005	698	437.	16042.1	1638.4
1	0810	99	345.	1707.8	1609.3	*	2	0910	399	439.	16591.1	1639.0	*	3	1010	699	437.	16040.3	1638.4
1	0815	100	348.	1824.9	1610.2	*	2	0915	400	439.	16589.4	1639.0	*	3	1015	700	437.	16038.4	1638.4
1	0820	101	350.	1942.8	1610.9	*	2	0920	401	439.	16587.8	1639.0	*	3	1020	701	437.	16036.6	1638.4
1	0825	102	353.	2057.7	1611.6	*	2	0925	402	439.	16586.1	1639.0	*	3	1025	702	437.	16034.8	1638.4
1	0830	103	355.	2165.8	1612.3	*	2	0930	403	439.	16584.4	1639.0	*	3	1030	703	437.	16032.9	1638.4
1	0835	104	358.	2267.1	1612.9	*	2	0935	404	439.	16582.7	1639.0	*	3	1035	704	437.	16031.1	1638.4
1	0840	105	360.	2361.5	1613.5	*	2	0940	405	439.	16581.0	1639.0	*	3	1040	705	437.	16029.2	1638.4
1	0845	106	362.	2449.5	1614.1	*	2	0945	406	439.	16579.2	1639.0	*	3	1045	706	437.	16027.4	1638.4
1	0850	107	363.	2531.4	1614.6	*	2	0950	407	439.	16577.5	1639.0	*	3	1050	707	437.	16025.5	1638.4
1	0855	108	365.	2607.6	1615.0	*	2	0955	408	439.	16575.8	1639.0	*	3	1055	708	437.	16023.7	1638.4
1	0900	109	366.	2678.7	1615.3	*	2	1000	409	439.	16574.0	1639.0	*	3	1100	709	437.	16021.9	1638.4
1	0905	110	367.	2744.9	1615.5	*	2	1005	410	439.	16572.3	1639.0	*	3	1105	710	437.	16020.0	1638.4
1	0910	111	367.	2806.7	1615.7	*	2	1010	411	439.	16570.6	1639.0	*	3	1110	711	437.	16018.2	1638.4
1	0915	112	368.	2864.4	1615.9	*	2	1015	412	439.	16568.8	1639.0	*	3	1115	712	437.	16016.3	1638.4
1	0920	113	369.	2918.4	1616.1	*	2	1020	413	439.	16567.1	1639.0	*	3	1120	713	437.	16014.5	1638.3
1	0925	114	369.	2969.0	1616.3	*	2	1025	414	439.	16565.3	1639.0	*	3	1125	714	437.	16012.6	1638.3
1	0930	115	370.	3016.5	1616.5	*	2	1030	415	439.	16563.5	1639.0	*	3	1130	715	437.	16010.8	1638.3
1	0935	116	370.	3061.1	1616.6	*	2	1035	416	439.	16561.8	1639.0	*	3	1135	716	437.	16009.0	1638.3
1	0940	117	371.	3103.0	1616.8	*	2	1040	417	439.	16560.0	1639.0	*	3	1140	717	437.	16007.1	1638.3
1	0945	118	371.	3142.6	1616.9	*	2	1045	418	439.	16558.3	1639.0	*	3	1145	718	437.	16005.3	1638.3
1	0950	119	372.	3179.9	1617.1	*	2	1050	419	439.	16556.5	1639.0	*	3	1150	719	437.	16003.4	1638.3
1	0955	120	372.	3215.3	1617.2	*	2	1055	420	439.	16554.7	1638.9	*	3	1155	720	437.	16001.6	1638.3
1	1000	121	372.	3248.8	1617.3	*	2	1100	421	439.	16552.9	1638.9	*	3	1200	721	437.	15999.8	1638.3
1	1005	122	373.	3280.6	1617.4	*	2	1105	422	439.	16551.2	1638.9	*	3	1205	722	437.	15997.9	1638.3
1	1010	123	373.	3310.8	1617.5	*	2	1110	423	439.	16549.4	1638.9	*	3	1210	723	437.	15996.1	1638.3
1	1015	124	373.	3339.6	1617.6	*	2	1115	424	439.	16547.6	1638.9	*	3	1215	724	437.	15994.2	1638.3
1	1020	125	374.	3366.9	1617.7	*	2	1120	425	439.	16545.8	1638.9	*	3	1220	725	437.	15992.4	1638.3
1	1025	126	374.	3393.1	1617.8	*	2	1125	426	439.	16544.0	1638.9	*	3	1225	726	437.	15990.6	1638.3
1	1030	127	374.	3418.0	1617.9	*	2	1130	427	439.	16542.2	1638.9	*	3	1230	727	437.	15988.7	1638.3
1	1035	128	375.	3441.9	1618.0	*	2	1135	428	439.	16540.4	1638.9	*	3	1235	728	437.	15986.9	1638.3
1	1040	129	375.	3464.9	1618.1	*	2	1140	429	439.	16538.6	1638.9	*	3	1240	729	437.	15985.0	1638.3
1	1045	130	375.	3487.0	1618.2	*	2	1145	430	439.	16536.8	1638.9	*	3	1245	730	437.	15983.2	1638.3
1	1050	131	375.	3508.3	1618.2	*	2	1150	431	439.	16535.0	1638.9	*	3	1250	731	437.	15981.4	1638.3
1	1055	132	376.	3529.0	1618.3	*	2	1155	432	439.	16533.2	1638.9	*	3	1255	732	437.	15979.5	1638.3
1	1100	133	376.	3549.0	1618.4	*	2	1200	433	439.	16531.4	1638.9	*	3	1300	733	437.	15977.7	1638.3
1	1105	134	376.	3568.4	1618.5	*	2	1205	434	439.	16529.5	1638.9	*	3	1305	734	437.	15975.8	1638.3
1	1110	135	376.	3587.2	1618.5	*	2	1210	435	439.	16527.7	1638.9	*	3	1310	735	437.	15974.0	1638.3
1	1115	136	376.	3605.5	1618.6	*	2	1215	436	439.	16525.9	1638.9	*	3	1315	736	437.	15972.2	1638.3
1	1120	137	377.	3623.4	1618.7	*	2	1220	437	439.	16524.1	1638.9	*	3	1320	737	437.	15970.3	1638.3
1	1125	138	377.	3640.8	1618.7	*	2	1225	438	439.	16522.2	1638.9	*	3	1325	738	437.	15968.5	1638.3
1	1130	139	377.	3657.9	1618.8	*	2	1230	439	439.	16520.4	1638.9	*	3	1330	739	437.	15966.6	1638.3
1	1135	140	377.	3675.1	1618.8	*	2	1235	440	439.	16518.6	1638.9	*	3	1335	740	437.	15964.8	1638.3
1	1140	141	377.	3692.9	1618.9	*	2	1240	441	439.	16516.7	1638.9	*	3	1340	741	437.	15962.9	1638.3
1	1145	142	378.	3711.6	1619.0	*	2	1245	442	439.	16514.9	1638.9	*	3	1345	742	437.	15961.1	1638.3
1	1150	143	378.	3731.3	1619.0	*	2	1250	443	439.	16513.1	1638.9	*	3	1350	743	437.	15959.3	1638.3
1	1155	144	378.	3753.4	1619.1	*	2	1255	444	439.	16511.2	1638.9	*	3	1355	744	437.	15957.4	1638.3
1	1200	145	378.	3778.9	1619.2	*	2	1300	445	439.	16509.4	1638.9	*	3	1400	745	437.	15955.6	1638.3
1	1205	146	379.	3808.2	1619.3	*	2	1305	446	439.	16507.5	1638.9	*	3	1405	746	437.	15953.7	1638.3
1	1210	147	379.	3842.2	1619.4	*	2	1310	447	439.	16505.7	1638.9	*	3	1410	747	437.	15951.9	1638.3
1	1215	148	380.	3882.5	1619.6	*	2	1315	448	439.	16503.8	1638.9	*	3	1415	748	437.	15950.1	1638.3
1	1220	149	380.	3930.2	1619.8	*	2	1320	449	439.	16502.0	1638.9	*	3	1420	749	437.	15948.2	1638.3
1	1225	150	381.	3985.8	1619.9	*	2	1325	450	439.	16500.2	1638.9	*	3	1425	750	437.	15946.4	1638.3
1	1230	151	381.	4049.4	1620.1	*	2	1330	451	439.	16498.3	1638.9	*	3	1430	751	437.	15944.5	1638.3
1	1235	152	382.	4120.7	1620.3	*	2	1335	452	439.	16496.4	1638.9	*	3	1435	752	437.	15942.7	1638.3
1	1240	153	382.	4198.5	1620.4	*	2	1340	453	439.	16494.6	1638.9	*	3	1440	753	437.	15940.9	1638.3
1	1245	154	383.	4281.7	1620.6	*	2	1345	454	439.	16492.7	1638.9	*	3	1445	754	437.	15939.0	1638.3
1	1250	155	384.	4369.3	1620.8	*	2	1350	455	439.	16490.9	1638.9	*	3	1450	755	437.	15937.2	1638.3
1	1255	156	384.	4460.7	1621.0	*	2	1355	456	439.	16489.0	1638.9	*	3	1455	756	437.	15935.3	1638.3
1	1300	157	385.	4555.3	1621.2	*	2	1400	457	439.	16487.2	1638.9	*	3	1500	757	437.	15933.5	1638.3
1	1305	158	386.	4653.6	1621.4	*	2	1405	458	439.	16485.3	1638.9	*	3	1505	758	437.	15931.7	1638.3
1	1310	159	387.	4756.8	1621.6	*	2	1410	459	439.	16483.5	1638.9	*	3	1510	759	437.	15929.8	1638.3
1	1315	160	387.	4868.0	1621.9	*	2	1415	460	439.	16481.6	1638.9	*	3	1515	760	437.	15928.0	1638.3
1	1320	161	388.	4992.2	1622.2	*	2	1420	461	439.	16479.8	1638.9	*	3	1520	761	437.	15926.1	1638.3
1	1325	162	389.	5133.9	1622.5	*	2	1425	462	439.	16477.9	1638.9	*	3	1525	762	437.	15924.3	1638.2
1	1330	163	391.	5298.5	1622.8	*	2	1430	463	439.	16476.1	1638.9	*	3	1530	763	437.	15922.5	1638.2
1	1335	164	392.	5490.4	1623.2	*	2	1435	464	439.	16474.2	1638.9	*	3	1535	764	437.	15920.6	1638.2
1	1340	165	394.	5708.2	1623.7	*	2	1440	465	439.	16472.4	1638.9	*	3	1540	765	437.	15918.8	1638.2

1	1345	166	395.	5949.2	1624.2 *	2	1445	466	439.	16470.5	1638.9 *	3	1545	766	437.	15916.9	1638.2
1	1350	167	397.	6209.3	1624.8 *	2	1450	467	439.	16468.7	1638.9 *	3	1550	767	437.	15915.1	1638.2
1	1355	168	399.	6482.9	1625.3 *	2	1455	468	439.	16466.8	1638.9 *	3	1555	768	437.	15913.3	1638.2
1	1400	169	400.	6765.1	1625.8 *	2	1500	469	439.	16465.0	1638.8 *	3	1600	769	437.	15911.4	1638.2
1	1405	170	402.	7051.9	1626.2 *	2	1505	470	439.	16463.1	1638.8 *	3	1605	770	437.	15909.6	1638.2
1	1410	171	403.	7340.5	1626.7 *	2	1510	471	439.	16461.3	1638.8 *	3	1610	771	437.	15907.8	1638.2
1	1415	172	404.	7628.6	1627.1 *	2	1515	472	439.	16459.4	1638.8 *	3	1615	772	437.	15905.9	1638.2
1	1420	173	406.	7914.6	1627.6 *	2	1520	473	439.	16457.6	1638.8 *	3	1620	773	437.	15904.1	1638.2
1	1425	174	407.	8197.4	1628.1 *	2	1525	474	439.	16455.7	1638.8 *	3	1625	774	437.	15902.2	1638.2
1	1430	175	409.	8476.1	1628.5 *	2	1530	475	439.	16453.9	1638.8 *	3	1630	775	437.	15900.4	1638.2
1	1435	176	410.	8750.6	1629.0 *	2	1535	476	439.	16452.0	1638.8 *	3	1635	776	437.	15898.6	1638.2
1	1440	177	411.	9020.3	1629.4 *	2	1540	477	439.	16450.2	1638.8 *	3	1640	777	437.	15896.7	1638.2
1	1445	178	412.	9285.2	1629.8 *	2	1545	478	439.	16448.3	1638.8 *	3	1645	778	437.	15894.9	1638.2
1	1450	179	414.	9545.2	1630.2 *	2	1550	479	439.	16446.5	1638.8 *	3	1650	779	437.	15893.0	1638.2
1	1455	180	415.	9799.8	1630.6 *	2	1555	480	439.	16444.6	1638.8 *	3	1655	780	437.	15891.2	1638.2
1	1500	181	416.	10048.5	1630.9 *	2	1600	481	439.	16442.8	1638.8 *	3	1700	781	437.	15889.4	1638.2
1	1505	182	417.	10290.8	1631.2 *	2	1605	482	439.	16440.9	1638.8 *	3	1705	782	437.	15887.5	1638.2
1	1510	183	418.	10526.4	1631.6 *	2	1610	483	439.	16439.1	1638.8 *	3	1710	783	437.	15885.7	1638.2
1	1515	184	419.	10754.9	1631.9 *	2	1615	484	439.	16437.2	1638.8 *	3	1715	784	437.	15883.9	1638.2
1	1520	185	420.	10976.2	1632.2 *	2	1620	485	439.	16435.4	1638.8 *	3	1720	785	437.	15882.0	1638.2
1	1525	186	420.	11190.0	1632.5 *	2	1625	486	439.	16433.5	1638.8 *	3	1725	786	437.	15880.2	1638.2
1	1530	187	421.	11396.5	1632.8 *	2	1630	487	439.	16431.7	1638.8 *	3	1730	787	437.	15878.3	1638.2
1	1535	188	422.	11595.4	1633.0 *	2	1635	488	439.	16429.8	1638.8 *	3	1735	788	437.	15876.5	1638.2
1	1540	189	423.	11786.5	1633.3 *	2	1640	489	439.	16428.0	1638.8 *	3	1740	789	437.	15874.7	1638.2
1	1545	190	424.	11969.8	1633.6 *	2	1645	490	439.	16426.1	1638.8 *	3	1745	790	437.	15872.8	1638.2
1	1550	191	424.	12145.5	1633.8 *	2	1650	491	439.	16424.3	1638.8 *	3	1750	791	437.	15871.0	1638.2
1	1555	192	425.	12314.5	1634.0 *	2	1655	492	439.	16422.4	1638.8 *	3	1755	792	437.	15869.1	1638.2
1	1600	193	426.	12477.3	1634.3 *	2	1700	493	439.	16420.6	1638.8 *	3	1800	793	437.	15867.3	1638.2
1	1605	194	426.	12634.1	1634.5 *	2	1705	494	439.	16418.7	1638.8 *	3	1805	794	437.	15865.5	1638.2
1	1610	195	427.	12785.1	1634.7 *	2	1710	495	439.	16416.9	1638.8 *	3	1810	795	437.	15863.6	1638.2
1	1615	196	428.	12930.5	1634.9 *	2	1715	496	439.	16415.0	1638.8 *	3	1815	796	437.	15861.8	1638.2
1	1620	197	428.	13070.8	1635.1 *	2	1720	497	439.	16413.2	1638.8 *	3	1820	797	437.	15859.9	1638.2
1	1625	198	429.	13206.2	1635.2 *	2	1725	498	439.	16411.3	1638.8 *	3	1825	798	437.	15858.1	1638.2
1	1630	199	429.	13337.5	1635.4 *	2	1730	499	439.	16409.5	1638.8 *	3	1830	799	437.	15856.3	1638.2
1	1635	200	429.	13464.6	1635.5 *	2	1735	500	439.	16407.6	1638.8 *	3	1835	800	437.	15854.4	1638.2
1	1640	201	430.	13587.2	1635.7 *	2	1740	501	439.	16405.8	1638.8 *	3	1840	801	437.	15852.6	1638.2
1	1645	202	430.	13705.4	1635.8 *	2	1745	502	439.	16403.9	1638.8 *	3	1845	802	437.	15850.8	1638.2
1	1650	203	431.	13819.1	1635.9 *	2	1750	503	439.	16402.1	1638.8 *	3	1850	803	437.	15848.9	1638.2
1	1655	204	431.	13928.7	1636.0 *	2	1755	504	439.	16400.2	1638.8 *	3	1855	804	437.	15847.1	1638.2
1	1700	205	431.	14034.5	1636.1 *	2	1800	505	439.	16398.4	1638.8 *	3	1900	805	437.	15845.2	1638.2
1	1705	206	432.	14136.7	1636.3 *	2	1805	506	439.	16396.5	1638.8 *	3	1905	806	437.	15843.4	1638.2
1	1710	207	432.	14235.6	1636.4 *	2	1810	507	439.	16394.7	1638.8 *	3	1910	807	437.	15841.6	1638.2
1	1715	208	432.	14331.2	1636.5 *	2	1815	508	439.	16392.8	1638.8 *	3	1915	808	437.	15839.7	1638.2
1	1720	209	432.	14423.6	1636.6 *	2	1820	509	439.	16391.0	1638.8 *	3	1920	809	437.	15837.9	1638.2
1	1725	210	433.	14512.5	1636.7 *	2	1825	510	439.	16389.1	1638.8 *	3	1925	810	437.	15836.1	1638.2
1	1730	211	433.	14598.0	1636.8 *	2	1830	511	439.	16387.3	1638.8 *	3	1930	811	437.	15834.2	1638.1
1	1735	212	433.	14680.1	1636.9 *	2	1835	512	439.	16385.4	1638.8 *	3	1935	812	437.	15832.4	1638.1
1	1740	213	433.	14758.9	1637.0 *	2	1840	513	439.	16383.6	1638.8 *	3	1940	813	437.	15830.5	1638.1
1	1745	214	434.	14834.7	1637.0 *	2	1845	514	439.	16381.7	1638.8 *	3	1945	814	437.	15828.7	1638.1
1	1750	215	434.	14907.6	1637.1 *	2	1850	515	439.	16379.9	1638.8 *	3	1950	815	437.	15826.9	1638.1
1	1755	216	434.	14977.6	1637.2 *	2	1855	516	439.	16378.0	1638.8 *	3	1955	816	437.	15825.0	1638.1
1	1800	217	434.	15044.7	1637.3 *	2	1900	517	439.	16376.2	1638.8 *	3	2000	817	437.	15823.2	1638.1
1	1805	218	435.	15109.1	1637.3 *	2	1905	518	438.	16374.3	1638.7 *	3	2005	818	437.	15821.4	1638.1
1	1810	219	435.	15170.7	1637.4 *	2	1910	519	438.	16372.5	1638.7 *	3	2010	819	437.	15819.5	1638.1
1	1815	220	435.	15229.5	1637.5 *	2	1915	520	438.	16370.6	1638.7 *	3	2015	820	437.	15817.7	1638.1
1	1820	221	435.	15285.7	1637.5 *	2	1920	521	438.	16368.8	1638.7 *	3	2020	821	437.	15815.8	1638.1
1	1825	222	435.	15339.7	1637.6 *	2	1925	522	438.	16366.9	1638.7 *	3	2025	822	437.	15814.0	1638.1
1	1830	223	435.	15391.8	1637.7 *	2	1930	523	438.	16365.1	1638.7 *	3	2030	823	437.	15812.2	1638.1
1	1835	224	436.	15442.4	1637.7 *	2	1935	524	438.	16363.2	1638.7 *	3	2035	824	437.	15810.3	1638.1
1	1840	225	436.	15492.0	1637.8 *	2	1940	525	438.	16361.4	1638.7 *	3	2040	825	437.	15808.5	1638.1
1	1845	226	436.	15540.3	1637.8 *	2	1945	526	438.	16359.5	1638.7 *	3	2045	826	437.	15806.7	1638.1
1	1850	227	436.	15587.2	1637.9 *	2	1950	527	438.	16357.7	1638.7 *	3	2050	827	437.	15804.8	1638.1
1	1855	228	436.	15632.4	1637.9 *	2	1955	528	438.	16355.8	1638.7 *	3	2055	828	437.	15803.0	1638.1
1	1900	229	436.	15675.9	1638.0 *	2	2000	529	438.	16354.0	1638.7 *	3	2100	829	437.	15801.2	1638.1
1	1905	230	436.	15717.6	1638.0 *	2	2005	530	438.	16352.1	1638.7 *	3	2105	830	437.	15799.3	1638.1
1	1910	231	437.	15757.6	1638.1 *	2	2010	531	438.	16350.3	1638.7 *	3	2110	831	437.	15797.5	1638.1
1	1915	232	437.	15795.9	1638.1 *	2	2015	532	438.	16348.4	1638.7 *	3	2115	832	437.	15795.6	1638.1
1	1920	233	437.	15832.5	1638.1 *	2	2020	533	438.	16346.6	1638.7 *	3	2120	833	437.	15793.8	1638.1
1	1925	234	437.	15867.6	1638.2 *	2	2025	534	438.	16344.7	1638.7 *	3	2125	834	437.	15792.0	1638.1
1	1930	235	437.	15901.3	1638.2 *	2	2030	535	438.	16342.9	1638.7 *	3	2130	835	437.	15790.1	1638.1
1	1935	236	437.	15933.6	1638.3 *	2	2035	536	438.	16341.0	1638.7 *	3	2135	836	437.	15788.3	1638.1
1	1940	237	437.	15964.7	1638.3 *	2	2040	537	438.	16339.2	1638.7 *	3	2140	837	437.	15786.5	1638.1
1	1945	238	437.	15994.7	1638.3 *	2	2045	538	438.	16337.3	1638.7 *	3	2145	838	437.	15784.6	1638.1
1	1950	239	437.	16023.8	1638.4 *	2	2050	539	438.	16335.5	1638.7 *	3	2150	839	437.	15782.8	1638.1
1	1955	240	437.	16052.1	1638.4 *	2	2055	540	438.	16333.6	1638.7 *	3	2155	840	437.	15780.9	1638.1
1	2000	241	438.	16079.7	1638.4 *	2	2100	541	438.	16331.8	1638.7 *	3	2200	841	437.	15779.1	1638.1
1	2005	242	438.	16106.4	1638.5 *	2	2105	542	438.	16330.0	1638.7 *	3	2205	842	437.	15777.3	1638.1
1	2010	243	438.	16132.3	1638.5 *	2	2110	543	438.	16328.1	1638.7 *	3	2210	843	437.	15775.4	1638.1
1	2015	244	438.	16157.4	1638.5 *	2	2115	544	438.	16326.3	1638.7 *	3	2215	844	437.	15773.6	1638.1
1	2020	245	438.	16181.6	1638.5 *	2	2120	545	438.	16324.4	1638.7 *	3	2220	845	437.	15771.8	1638.1
1	2025	246	438.	16205.0	1638.6 *	2	2125	546	438.	16322.6	1638.7 *	3	2225	846	437.	15769.9	1638.1
1	2030	247	438.	16227.5	1638.6 *	2	2130	547	438.	16320.7	1638.7 *	3	2230	847	437.	15768.1	1638.1
1	2035	248	438.	16249.1	1638.6 *	2	2135	548	438.	16318.9	1638.7 *	3	2235	848	437.	15766.3	1638.1
1	2040	249	438.	16269.9	1638.6 *	2	2140	549	438.	16317.0	1638.7 *	3	2240	849	437.	15764.4	1638.1
1	2045	250	438.	16289.7	1638.7 *	2	2145	550	438.	16315.2	1638.7 *	3	2245	850	437.	15762.6	1638.1
1	2050	251	438.	16308.8	1638.7 *	2	2150	551	438.	16313.3	1638.7 *	3	2250	851	437.	15760.7	1638.1
1	2055	252	438.	16327.0	1638.7 *	2	2155	552	438.	16311.5	1638.7 *	3	2255	852	437.	15758.9	1638.1
1	2100	253	438.	16344.4	1638.7 *	2	2200	553	438.	16309.6	1638.7 *	3	2300	853	437.	15757.1	1638.1
1	2105	254	438.	16361.0	1638.7 *	2	2205	554	438.	16307.8	1638.7 *	3	2305	854	437.	15755.2	1638.1
1	2110	255	439.	16376.8	1638.8 *	2	2210	555	438.	16305.9	1638.7 *	3	2310	855	437.	15753.4	1638.1
1	2115	256	439.	16392.0	1638.8 *	2	2215	556	438.	16304.1	1638.7 *	3	2315	856	437.	15751.6	1638.1
1	2120	257	439.	16406.6	1638.8 *	2	2220	557	438.	16302.2	1638.7 *	3	2320	857	437.	15749.7	1638.1
1	2125	258	439.	16420.6	1638.8 *	2	2225	558	438.	16300.4	1638.7 *	3	2325	858	437.	15747.9	1638.1
1	2130	259	439.	16434.0	1638.8 *	2	2230	559	438.	16298.5	1638.7 *	3	2330	859	437.	15746.1	1638.1
1	2135	260	439.	16446.9	1638.8 *	2	2235	560	438.	16296.7	1638.7 *	3	2335	860	437.	15744.2	1638.0
1	2140	261	439.	16459.2	1638.8 *	2	2240	561	438.	16294.8	1638.7 *	3	2340	861	437.	15742.4	1638.0
1	2145	262	439.	16471.1	1638.9 *	2	2245	562	438.	16293.0	1638.7 *	3	2345	862	437.	15740.6	1638.0
1	2150	263	439.	16482.4	1638.9 *	2	2250	563	438.	16291.2	1638.7 *	3	2350	863	437.	15738.7	1638.0
1	2155	264	439.	16493.2	1638.9 *	2	2255	564	438.	16289.3	1638.7 *	3	2355	864	437.	15736.9	1638.0
1	2200	265	439.	16503.5	1638.9 *	2	2300	565	438.	16287.5	1638.7 *	4	0000	865	437.	15735.0	1638.0
1	2205	266	439.	16513.2	1638.9 *	2	2305	566	438.	16285.6	1638.7 *	4	0005	866	437.	15733.2	1638.0
1	2210	267	439.	16522.2	1638.9 *	2	2310	567	438.	16283.8	1638.6 *	4	0010	867	436.	15731.4	1638.0
1	2215	268	439.	16530.5	1638.9 *	2	2315	568	438.	16281.9	1638.6 *	4	0015	868	436.	15729.5	1638.0
1	2220	269	439.	16537.7	1638.9 *	2	2320	569	438.	16280.1	1638.6 *	4	0020	869	436.	15727.7	1638.0
1	2225	270	439.	16544.2	1638.9 *	2	2325	570	438.	16278.2	1638.6 *	4	0025	870	436.	15725.9	1638.0
1	2230	271	439.	16550.1	1638.9 *	2	2330	571	438.	16276.4	1638.6 *	4	0030	871	436.	15724.0	1638.0

1	2235	272	439.	16555.6	1639.0	*	2	2335	572	438.	16274.5	1638.6	*	4	0035	872	436.	15722.2	1638.0
1	2240	273	439.	16560.8	1639.0	*	2	2340	573	438.	16272.7	1638.6	*	4	0040	873	436.	15720.4	1638.0
1	2245	274	439.	16565.8	1639.0	*	2	2345	574	438.	16270.8	1638.6	*	4	0045	874	436.	15718.5	1638.0
1	2250	275	439.	16570.6	1639.0	*	2	2350	575	438.	16269.0	1638.6	*	4	0050	875	436.	15716.7	1638.0
1	2255	276	439.	16575.2	1639.0	*	2	2355	576	438.	16267.1	1638.6	*	4	0055	876	436.	15714.9	1638.0
1	2300	277	439.	16579.6	1639.0	*	3	0000	577	438.	16265.3	1638.6	*	4	0100	877	436.	15713.0	1638.0
1	2305	278	439.	16583.9	1639.0	*	3	0005	578	438.	16263.4	1638.6	*	4	0105	878	436.	15711.2	1638.0
1	2310	279	439.	16587.9	1639.0	*	3	0010	579	438.	16261.6	1638.6	*	4	0110	879	436.	15709.4	1638.0
1	2315	280	439.	16591.8	1639.0	*	3	0015	580	438.	16259.7	1638.6	*	4	0115	880	436.	15707.5	1638.0
1	2320	281	439.	16595.6	1639.0	*	3	0020	581	438.	16257.9	1638.6	*	4	0120	881	436.	15705.7	1638.0
1	2325	282	439.	16599.2	1639.0	*	3	0025	582	438.	16256.1	1638.6	*	4	0125	882	436.	15703.8	1638.0
1	2330	283	439.	16602.6	1639.0	*	3	0030	583	438.	16254.2	1638.6	*	4	0130	883	436.	15702.0	1638.0
1	2335	284	439.	16605.9	1639.0	*	3	0035	584	438.	16252.4	1638.6	*	4	0135	884	436.	15700.2	1638.0
1	2340	285	439.	16609.1	1639.0	*	3	0040	585	438.	16250.5	1638.6	*	4	0140	885	436.	15698.3	1638.0
1	2345	286	439.	16612.1	1639.0	*	3	0045	586	438.	16248.7	1638.6	*	4	0145	886	436.	15696.5	1638.0
1	2350	287	439.	16615.0	1639.0	*	3	0050	587	438.	16246.8	1638.6	*	4	0150	887	436.	15694.7	1638.0
1	2355	288	439.	16617.7	1639.0	*	3	0055	588	438.	16245.0	1638.6	*	4	0155	888	436.	15692.8	1638.0
2	0000	289	439.	16620.3	1639.0	*	3	0100	589	438.	16243.1	1638.6	*	4	0200	889	436.	15691.0	1638.0
2	0005	290	439.	16622.7	1639.0	*	3	0105	590	438.	16241.3	1638.6	*	4	0205	890	436.	15689.2	1638.0
2	0010	291	439.	16625.1	1639.0	*	3	0110	591	438.	16239.4	1638.6	*	4	0210	891	436.	15687.3	1638.0
2	0015	292	439.	16627.4	1639.0	*	3	0115	592	438.	16237.6	1638.6	*	4	0215	892	436.	15685.5	1638.0
2	0020	293	439.	16629.6	1639.0	*	3	0120	593	438.	16235.7	1638.6	*	4	0220	893	436.	15683.7	1638.0
2	0025	294	439.	16631.8	1639.0	*	3	0125	594	438.	16233.9	1638.6	*	4	0225	894	436.	15681.8	1638.0
2	0030	295	439.	16633.8	1639.0	*	3	0130	595	438.	16232.1	1638.6	*	4	0230	895	436.	15680.0	1638.0
2	0035	296	439.	16635.8	1639.0	*	3	0135	596	438.	16230.2	1638.6	*	4	0235	896	436.	15678.2	1638.0
2	0040	297	439.	16637.7	1639.0	*	3	0140	597	438.	16228.4	1638.6	*	4	0240	897	436.	15676.3	1638.0
2	0045	298	439.	16639.5	1639.0	*	3	0145	598	438.	16226.5	1638.6	*	4	0245	898	436.	15674.5	1638.0
2	0050	299	439.	16641.3	1639.0	*	3	0150	599	438.	16224.7	1638.6	*	4	0250	899	436.	15672.7	1638.0
2	0055	300	439.	16643.0	1639.0	*	3	0155	600	438.	16222.8	1638.6	*	4	0255	900	436.	15670.8	1638.0
						*							*						

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
		(CFS)				
439.	27.33		439.	439.	410.	394.
		(INCHES)	.022	.086	.241	.241
		(AC-FT)	218.	871.	2438.	2438.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	74.92-HR
16665.	27.50	16656.	16540.	13800.	13263.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	74.92-HR
1639.07	27.33	1639.06	1638.93	1632.09	1629.32

CUMULATIVE AREA = 189.89 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	CC	38066.	14.25	19620.	5573.	1861.	142.29		
HYDROGRAPH AT	AW	18413.	7.67	7485.	2515.	945.	30.64		
2 COMBINED AT	C550	39368.	14.25	21209.	8085.	2806.	172.93		
HYDROGRAPH AT	EAST	9073.	13.00	2720.	711.	237.	16.96		
2 COMBINED AT	CBD-I	42348.	14.17	23314.	8791.	3043.	189.89		
ROUTED TO	CBD-O	439.	27.33	439.	439.	410.	189.89		
								1639.07	27.33

*** NORMAL END OF HEC-1 ***

```
1*************************************
 *                                   *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
 *              JUN   1998           *
 *            VERSION 4.1            *
 *                                   *
 *  RUN DATE   06MAR01  TIME  16:27:35  *
 *                                   *
 *************************************
```

```
*************************************
*                                   *
*    U.S. ARMY CORPS OF ENGINEERS   *
*    HYDROLOGIC ENGINEERING CENTER  *
*          609 SECOND STREET        *
*       DAVIS, CALIFORNIA 95616     *
*           (916) 756-1104          *
*                                   *
*************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X        XXXXX X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX        XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                    HEC-1 INPUT                                    PAGE  1

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

    1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File:FUCBD-2.IH1
    2           ID           By: Stantec Consulting, Inc.                  Original: 07/22/99
    3           ID         For: Flood Control District of Maricopa County   Revised:
    4           ID
    5           ID        This is a future condition model of the total inflow to Cave Buttes Dam
    6           ID        Inflow hydrographs for Cave Creek and Apache Wash are developed from the
    7           ID        following:
    8           ID
    9           ID        Cave Creek Watershed at Cave Buttes Dam
   10           ID           Combined HEC-1 models from:
   11           ID             1.  George V. Sabol Consulting Engineers FCD 95-28
   12           ID                 Cave Creek Watershed at the Carefree Highway
   13           ID                 Original model dated 06-17-96 by mcg
   14           ID                 GVSCE Project No. 84
   15           ID
   16           ID             2.  Willdan Associates FCD 95-30
   17           ID                 Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   18           ID                 Original model dated 11-29-96
   19           ID                 Willdan Project No. 08855
   20           ID
   21           ID        Model Basis:
   22           ID           2-year, 24-hr rainfall with SCS Type II distribution
   23           ID           Green & Ampt Loss Rate Method
   24           ID           NMIN = 5
   25           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   26           ID           Clark Unit Hydrograph
   27           ID           Modified Puls channel storage routing
   28           ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Company
   29           ID
   30           ID        Apache Wash Watershed at Cave Buttes Dam
   31           ID           Jerry Jones and Associates, Inc. FCD 89-66
   32           ID           Apache Wash Flood Insurance Study
   33           ID           Original model dated 2-15-89
   34           ID
   35           ID        Model Basis:
   36           ID           2-year, 24-hr rainfall with SCS Type IIA distribution
   37           ID           SCS Curve Number with RTIMP
   38           ID           NMIN = 10
   39           ID           SCS dimensionless unit hydrograph
   40           ID
   41           ID
   42           ID        The remaining portion of the Cave Buttes Dam watershed is modeled as a
   43           ID        single basin for existing conditions and is based on the following:
   44           ID           2-year, 24-hour rainfall with SCS Type II distribution
   45           ID           Green & Ampt Loss Rate Method
   46           ID           NMIN = 5
   47           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   48           ID           USGS 7.5 Minutes Series Quadrangle Maps
   49           ID
                *
   50           IT       5                    900
   51           IO       5
   52           IN       5
                *
1                                    HEC-1 INPUT                                    PAGE  2

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   53           KK      CC
   54           KM         Inflow hydrograph at Cave Buttes Dam from Cave Creek
   55           BA  142.29
   56           QI       0       0       0       0       0       0       0       0       0       0
   57           QI       0       1       1       1       1       1       1       1       2       2
   58           QI       2       2       2       2       3       3       3       3       4       4
   59           QI       4       4       5       5       5       6       6       6       6       7
   60           QI       7       7       8       8       9       9       9      10      10      11
   61           QI      11      12      12      13      14      14      15      16      17      17
```

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 62        QI    18    19    21    22    24    26    28    29    31    34
 63        QI    36    38    41    43    45    47    49    51    53    55
 64        QI    57    59    62    66    68    71    73    76    78    81
 65        QI    84    87    90    94    97   102   106   111   116   122
 66        QI   128   135   141   146   150   154   157   160   163   166
 67        QI   169   171   174   177   180   183   186   189   192   196
 68        QI   199   203   207   210   214   218   222   226   231   235
 69        QI   240   245   250   255   261   267   273   280   287   295
 70        QI   305   317   337   364   404   464   551   668   822  1032
 71        QI  1269  1507  1724  1899  2004  2063  2113  2174  2248  2340
 72        QI  2460  2616  2824  3116  3477  3941  4601  5413  6237  7032
 73        QI  7739  8241  8553  8732  8810  8825  8782  8676  8518  8321
 74        QI  8092  7850  7592  7324  7080  6854  6651  6473  6318  6170
 75        QI  6016  5859  5705  5553  5405  5266  5133  5009  4892  4782
 76        QI  4678  4580  4486  4395  4309  4222  4137  4054  3974  3901
 77        QI  3834  3774  3723  3672  3615  3549  3477  3398  3315  3229
 78        QI  3139  3051  2960  2867  2775  2684  2594  2505  2419  2335
 79        QI  2255  2180  2111  2048  1988  1931  1873  1816  1758  1700
 80        QI  1641  1579  1509  1420  1309  1168  1035   959   912   879
 81        QI   853   830   809   791   773   756   739   722   705   689
 82        QI   672   654   637   620   603   587   571   557   544   533
 83        QI   521   509   497   485   474   463   452   442   432   422
 84        QI   413   404   395   387   379   371   364   357   351   346
 85        QI   341   336   332   327   323   318   313   308   303   299
 86        QI   294   290   286   282   278   274   270   265   261   256
 87        QI   252   247   243   238   234   229   225   220   216   211
 88        QI   207   202   198   193   188   183   178   173   168   163
 89        QI   157   152   147   142   137   132   127   122   119   115
 90        QI   113   110   108   105   103   100    97    94    92    89
 91        QI    86    84    81    79    77    75    74    72    70    68
 92        QI    67    65    63    61    59    57    55    53    51    49
 93        QI    47    45    43    42    41    39    38    36    34    32
 94        QI    31    29    27    26    24    23    22    21    20    19
 95        QI    18    17    17    16    16    15    15    14    14    13
 96        QI    13    12    12    11    11    10    10     9     9     8
 97        QI     8     7     7     6     6     5     5     5     4     4
 98        QI     4     3     3     3     3     2     2     2     2     2
 99        QI     1     1     1     1     1     1     1     1     1     1
100        QI     1     1     0     0     0     0     0     0     0     0
101        IN    10
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1 HEC-1 INPUT PAGE 3

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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

102        KK    AW
103        KM       Inflow hydrograph to Cave Buttes Dam from Apache Wash
104        BA  30.64
105        QI     0     0     1     2     3     4     4     4     3     2
106        QI     2     2     2     3     4     4     4     4     4     4
107        QI     4     5     5     5     5     5     7     8    10    11
108        QI    12    15    22    28   108   404   917  1229  1115   926
109        QI   775   602   460   495   510   481   457  2134  2480  3091
110        QI  3657  3539  3305  2992  2672  2503  2382  2721  2674  2426
111        QI  2184  1968  1774  1604  1458  1333  1224  1126  1037   959
112        QI   891   833   781   736   699   667   635   603   573   549
113        QI   530   513   499   485   473   459   444   429   444   501
114        QI   555   562   521   477   442   411   385   370   368   382
115        QI   415   459   496   520   532   537   547   562   586   623
116        QI   636   607   565   523   489   465   439   405   370   338
117        QI   317   346   366   344   320   299   279   261   244   228
118        QI   213   199   187   175   164   154   144   136   128   120
119        QI   113   107   102    97    93     0
120        IN     5
           *

121        KK   C550
122        KO     1                          21
123        KM       Total inflow from Apache Wash and Cave Creek
124        HC     2
           *

125        KK   EAST
126        KM
127        BA    19
128        QI     0     0     0     0     0     0     0     0     0     0
129        QI     0     0     0     0     1     1     1     1     1     2
130        QI     2     2     3     3     3     4     4     4     4     4
131        QI     5     5     5     5     5     5     5     6     6     6
132        QI     6     6     6     6     6     6     6     6     6     6
133        QI     6     6     6     6     6     6     6     6     6     6
134        QI     7     7     7     7     7     7     7     7     7     7
135        QI     8     8     8     8     8     8     8     8     8     8
136        QI     8     8     8     8     8     8     9     9     9     9
137        QI     9     9     9     9     9     9    10    10    10    10
138        QI    10    10    10    10    10    10    10    10    10    11
139        QI    11    11    11    11    12    12    12    12    13    13
140        QI    13    14    14    14    15    15    15    15    15    16
141        QI    16    16    17    17    17    18    18    19    20    20
142        QI    21    22    24    26    28    36    45    55    69    94
143        QI   124   152   190   234   283   326   368   405   437   464
144        QI   486   497   501   499   487   467   443   413   382   349
145        QI   319   291   266   244   222   203   186   170   156   142
146        QI   131   121   110   102    94    86    78    72    67    63
147        QI    58    53    49    45    41    37    32    31    31    30
148        QI    29    29    29    28    28    27    25    23    21    19
149        QI    17    14    14    14    13    13    13    13    13    12
150        QI    12    12    12    12    11    11    11    11    11    10
151        QI    10    10    10    10    10    10     9     9     9     9
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1 HEC-1 INPUT PAGE 4

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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

152        QI     9     9     9     9     9     9     9     9     9     9
153        QI     8     8     8     8     8     8     8     8     8     8
```

```
154          QI       7       7       7       7       7       7       7       7       7       7
155          QI       7       7       7       7       7       7       7       6       6       6
156          QI       6       6       6       6       6       6       6       6       6       6
157          QI       6       6       6       6       6       6       6       6       6       6
158          QI       6       5       5       5       5       0
             *

159          KK   CCD-I
160          KO       1                                  21
161          KM        Total inflow to Cave Creek Dam
162          HC       2
             *

163          KK   CCD-O
164          KO       1
165          RS       1    FLOW      -1
166          SV       0       0     4.0    21.9    39.8   226.9   635.9  1185.2  1848.2  4239.0
167          SV  4629.6  5003.6  5377.6  5751.6    6244    6754    7264    7774    8284    8800
168          SE  1596.2  1599.2  1602.2  1605.3  1608.3  1611.3  1614.3  1617.4  1620.4  1626.5
169          SE  1627.3  1628.2  1629.0  1629.9  1630.7  1631.6  1632.4  1633.3  1634.1  1635.0
170          SQ       0     483     685     840     971    1086    1189    1285    1374    1536
171          SQ    1807    2890    4504    6555    9006   11837   15037   18601   22525   26560
172          SE  1596.2  1599.2  1602.2  1605.3  1608.3  1611.3  1614.3  1617.4  1620.4  1626.5
173          SE  1627.3  1628.2   1629.  1629.9  1630.7  1631.6  1632.4  1633.3  1634.1  1635.0
             *

174          KK   CBD-O
175          KO       1
176          RS       1    FLOW      -1
177          SV       0     250   698.9  1079.8  1654.2  1840.1  2240.2  2648.9    9400   13000
178          SV   17500   23000   29200   37000   46000
179          SE  1560.7    1595    1600    1605    1610    1615    1620    1625    1630    1635
180          SE    1640    1645    1650    1655    1660
181          SQ       0     132     215     243     268     290     311     330     347     365
182          SQ     381     398     413     428     442     455     468     481     493
183          SE  1560.7    1570    1580    1585    1590    1595    1600    1605    1610    1615
184          SE    1620    1625    1630    1635    1640    1645    1650    1655    1660
             *
185          ZZ
```

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1*************************************
*                                   *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)*
*            JUN   1998             *
*          VERSION 4.1              *
*                                   *
*  RUN DATE   06MAR01  TIME  16:27:35*
*                                   *
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```
*************************************
*                                   *
*    U.S. ARMY CORPS OF ENGINEERS   *
*    HYDROLOGIC ENGINEERING CENTER  *
*          609 SECOND STREET        *
*       DAVIS, CALIFORNIA 95616     *
*           (916) 756-1104          *
*                                   *
*************************************
```

Upper Cave Creek/Apache Wash Watercourse Master Plan File:FUCBD-2.IH1
By: Stantec Consulting, Inc. Original: 07/22/99
For: Flood Control District of Maricopa County Revised:

This is a future condition model of the total inflow to Cave Buttes Dam
Inflow hydrographs for Cave Creek and Apache Wash are developed from the
following:

Cave Creek Watershed at Cave Buttes Dam
Combined HEC-1 models from:

1. George V. Sabol Consulting Engineers FCD 95-28
   Cave Creek Watershed at the Carefree Highway
   Original model dated 06-17-96 by mcg
   GVSCE Project No. 84

2. Willdan Associates FCD 95-30
   Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   Original model dated 11-29-96
   Willdan Project No. 08855

Model Basis:
2-year, 24-hr rainfall with SCS Type II distribution
Green & Ampt Loss Rate Method
NMIN = 5
Phoenix Mountain and Desert/Rangeland S-Graph
Clark Unit Hydrograph
Modified Puls channel storage routing
200 Scale 2' CI mapping of study reach by Aerial Mapping Company

Apache Wash Watershed at Cave Buttes Dam
Jerry Jones and Associates, Inc. FCD 89-66
Apache Wash Flood Insurance Study
Original model dated 2-15-89

Model Basis:
2-year, 24-hr rainfall with SCS Type IIA distribution
SCS Curve Number with RTIMP
NMIN = 10
SCS dimensionless unit hydrograph

The remaining portion of the Cave Buttes Dam watershed is modeled as a
single basin for existing conditions and is based on the following:
2-year, 24-hour rainfall with SCS Type II distribution
Green & Ampt Loss Rate Method
NMIN = 5
Phoenix Mountain and Desert/Rangeland S-Graph
USGS 7.5 Minutes Series Quadrangle Maps

```
51 IO          OUTPUT CONTROL VARIABLES
                     IPRNT          5  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
```

```
                    QSCAL          0.  HYDROGRAPH PLOT SCALE

   IT          HYDROGRAPH TIME DATA
                    NMIN           5  MINUTES IN COMPUTATION INTERVAL
                   IDATE      1    0  STARTING DATE
                   ITIME        0000  STARTING TIME
                      NQ         900  NUMBER OF HYDROGRAPH ORDINATES
                  NDDATE      4    0  ENDING DATE
                  NDTIME        0255  ENDING TIME
                   ICENT          19  CENTURY MARK

              COMPUTATION INTERVAL     .08 HOURS
                   TOTAL TIME BASE   74.92 HOURS

        ENGLISH UNITS
             DRAINAGE AREA          SQUARE MILES
             PRECIPITATION DEPTH    INCHES
             LENGTH, ELEVATION      FEET
             FLOW                   CUBIC FEET PER SECOND
             STORAGE VOLUME         ACRE-FEET
             SURFACE AREA           ACRES
             TEMPERATURE            DEGREES FAHRENHEIT


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


           **************
           *            *
 121 KK    *      C550  *
           *            *
           **************

 122 KO          OUTPUT CONTROL VARIABLES
                   IPRNT           1  PRINT CONTROL
                   IPLOT           0  PLOT CONTROL
                   QSCAL          0.  HYDROGRAPH PLOT SCALE
                   IPNCH           0  PUNCH COMPUTED HYDROGRAPH
                    IOUT          21  SAVE HYDROGRAPH ON THIS UNIT
                   ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
                   ISAV2         900  LAST ORDINATE PUNCHED OR SAVED
                  TIMINT        .083  TIME INTERVAL IN HOURS

                          Total inflow from Apache Wash and Cave Creek

 124 HC          HYDROGRAPH COMBINATION
                   ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION C550
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3228.	2		1330	451	94.	3		0815	676	94.
1		0005	2	0.	1		1850	227	3117.	2		1335	452	94.	3		0820	677	94.
1		0010	3	0.	1		1855	228	3011.	2		1340	453	94.	3		0825	678	94.
1		0015	4	1.	1		1900	229	2908.	2		1345	454	94.	3		0830	679	94.
1		0020	5	1.	1		1905	230	2812.	2		1350	455	94.	3		0835	680	94.
1		0025	6	2.	1		1910	231	2720.	2		1355	456	94.	3		0840	681	94.
1		0030	7	2.	1		1915	232	2632.	2		1400	457	94.	3		0845	682	94.
1		0035	8	3.	1		1920	233	2550.	2		1405	458	94.	3		0850	683	94.
1		0040	9	3.	1		1925	234	2470.	2		1410	459	94.	3		0855	684	94.
1		0045	10	4.	1		1930	235	2393.	2		1415	460	94.	3		0900	685	94.
1		0050	11	4.	1		1935	236	2319.	2		1420	461	94.	3		0905	686	94.
1		0055	12	5.	1		1940	237	2243.	2		1425	462	94.	3		0910	687	94.
1		0100	13	5.	1		1945	238	2170.	2		1430	463	94.	3		0915	688	94.
1		0105	14	5.	1		1950	239	2096.	2		1435	464	94.	3		0920	689	94.
1		0110	15	5.	1		1955	240	2028.	2		1440	465	94.	3		0925	690	94.
1		0115	16	5.	1		2000	241	1958.	2		1445	466	94.	3		0930	691	94.
1		0120	17	4.	1		2005	242	1911.	2		1450	467	94.	3		0935	692	94.
1		0125	18	4.	1		2010	243	1855.	2		1455	468	94.	3		0940	693	94.
1		0130	19	4.	1		2015	244	1776.	2		1500	469	94.	3		0945	694	94.
1		0135	20	4.	1		2020	245	1675.	2		1505	470	94.	3		0950	695	94.
1		0140	21	4.	1		2025	246	1523.	2		1510	471	94.	3		0955	696	94.
1		0145	22	4.	1		2030	247	1379.	2		1515	472	94.	3		1000	697	94.
1		0150	23	4.	1		2035	248	1291.	2		1520	473	94.	3		1005	698	94.
1		0155	24	4.	1		2040	249	1232.	2		1525	474	94.	3		1010	699	94.
1		0200	25	5.	1		2045	250	1189.	2		1530	475	94.	3		1015	700	94.
1		0205	26	6.	1		2050	251	1152.	2		1535	476	94.	3		1020	701	94.
1		0210	27	6.	1		2055	252	1119.	2		1540	477	94.	3		1025	702	94.
1		0215	28	7.	1		2100	253	1088.	2		1545	478	94.	3		1030	703	94.
1		0220	29	8.	1		2105	254	1061.	2		1550	479	94.	3		1035	704	94.
1		0225	30	8.	1		2110	255	1034.	2		1555	480	94.	3		1040	705	94.
1		0230	31	8.	1		2115	256	1009.	2		1600	481	94.	3		1045	706	94.
1		0235	32	8.	1		2120	257	983.	2		1605	482	94.	3		1050	707	94.
1		0240	33	9.	1		2125	258	958.	2		1610	483	94.	3		1055	708	94.
1		0245	34	9.	1		2130	259	933.	2		1615	484	94.	3		1100	709	94.
1		0250	35	9.	1		2135	260	910.	2		1620	485	94.	3		1105	710	94.
1		0255	36	10.	1		2140	261	885.	2		1625	486	94.	3		1110	711	94.
1		0300	37	10.	1		2145	262	860.	2		1630	487	94.	3		1115	712	94.
1		0305	38	10.	1		2150	263	836.	2		1635	488	94.	3		1120	713	94.
1		0310	39	10.	1		2155	264	813.	2		1640	489	94.	3		1125	714	94.
1		0315	40	11.	1		2200	265	790.	2		1645	490	94.	3		1130	715	94.
1		0320	41	11.	1		2205	266	768.	2		1650	491	94.	3		1135	716	94.
1		0325	42	12.	1		2210	267	746.	2		1655	492	94.	3		1140	717	94.
1		0330	43	13.	1		2215	268	727.	2		1700	493	94.	3		1145	718	94.
1		0335	44	13.	1		2220	269	708.	2		1705	494	94.	3		1150	719	94.
1		0340	45	14.	1		2225	270	692.	2		1710	495	94.	3		1155	720	94.
1		0345	46	14.	1		2230	271	675.	2		1715	496	94.	3		1200	721	94.

1	0350	47	14.	*	1	2235	272	658.	*	2	1720	497	94.	*	3	1205	722	94.
1	0355	48	15.	*	1	2240	273	641.	*	2	1725	498	94.	*	3	1210	723	94.
1	0400	49	15.	*	1	2245	274	625.	*	2	1730	499	94.	*	3	1215	724	94.
1	0405	50	16.	*	1	2250	275	610.	*	2	1735	500	94.	*	3	1220	725	94.
1	0410	51	16.	*	1	2255	276	595.	*	2	1740	501	94.	*	3	1225	726	94.
1	0415	52	18.	*	1	2300	277	580.	*	2	1745	502	94.	*	3	1230	727	94.
1	0420	53	19.	*	1	2305	278	566.	*	2	1750	503	94.	*	3	1235	728	94.
1	0425	54	21.	*	1	2310	279	552.	*	2	1755	504	94.	*	3	1240	729	94.
1	0430	55	22.	*	1	2315	280	539.	*	2	1800	505	94.	*	3	1245	730	94.
1	0435	56	23.	*	1	2320	281	526.	*	2	1805	506	94.	*	3	1250	731	94.
1	0440	57	25.	*	1	2325	282	514.	*	2	1810	507	94.	*	3	1255	732	94.
1	0445	58	27.	*	1	2330	283	502.	*	2	1815	508	94.	*	3	1300	733	94.
1	0450	59	28.	*	1	2335	284	492.	*	2	1820	509	94.	*	3	1305	734	94.
1	0455	60	29.	*	1	2340	285	481.	*	2	1825	510	94.	*	3	1310	735	94.
1	0500	61	30.	*	1	2345	286	471.	*	2	1830	511	94.	*	3	1315	736	94.
1	0505	62	33.	*	1	2350	287	461.	*	2	1835	512	94.	*	3	1320	737	94.
1	0510	63	36.	*	1	2355	288	452.	*	2	1840	513	94.	*	3	1325	738	94.
1	0515	64	41.	*	2	0000	289	444.	*	2	1845	514	94.	*	3	1330	739	94.
1	0520	65	46.	*	2	0005	290	439.	*	2	1850	515	94.	*	3	1335	740	94.
1	0525	66	51.	*	2	0010	291	434.	*	2	1855	516	94.	*	3	1340	741	94.
1	0530	67	56.	*	2	0015	292	429.	*	2	1900	517	94.	*	3	1345	742	94.
1	0535	68	97.	*	2	0020	293	425.	*	2	1905	518	94.	*	3	1350	743	94.
1	0540	69	139.	*	2	0025	294	420.	*	2	1910	519	94.	*	3	1355	744	94.
1	0545	70	290.	*	2	0030	295	416.	*	2	1915	520	94.	*	3	1400	745	94.
1	0550	71	440.	*	2	0035	296	411.	*	2	1920	521	94.	*	3	1405	746	94.
1	0555	72	699.	*	2	0040	297	406.	*	2	1925	522	94.	*	3	1410	747	94.
1	0600	73	958.	*	2	0045	298	401.	*	2	1930	523	94.	*	3	1415	748	94.
1	0605	74	1116.	*	2	0050	299	396.	*	2	1935	524	94.	*	3	1420	749	94.
1	0610	75	1274.	*	2	0055	300	392.	*	2	1940	525	94.	*	3	1425	750	94.
1	0615	76	1219.	*	2	0100	301	387.	*	2	1945	526	94.	*	3	1430	751	94.
1	0620	77	1164.	*	2	0105	302	383.	*	2	1950	527	94.	*	3	1435	752	94.
1	0625	78	1072.	*	2	0110	303	379.	*	2	1955	528	94.	*	3	1440	753	94.
1	0630	79	979.	*	2	0115	304	375.	*	2	2000	529	94.	*	3	1445	754	94.
1	0635	80	906.	*	2	0120	305	371.	*	2	2005	530	94.	*	3	1450	755	94.
1	0640	81	832.	*	2	0125	306	367.	*	2	2010	531	94.	*	3	1455	756	94.
1	0645	82	748.	*	2	0130	307	363.	*	2	2015	532	94.	*	3	1500	757	94.
1	0650	83	664.	*	2	0135	308	358.	*	2	2020	533	94.	*	3	1505	758	94.
1	0655	84	597.	*	2	0140	309	354.	*	2	2025	534	94.	*	3	1510	759	94.
1	0700	85	528.	*	2	0145	310	349.	*	2	2030	535	94.	*	3	1515	760	94.
1	0705	86	549.	*	2	0150	311	345.	*	2	2035	536	94.	*	3	1520	761	94.
1	0710	87	568.	*	2	0155	312	340.	*	2	2040	537	94.	*	3	1525	762	94.
1	0715	88	579.	*	2	0200	313	336.	*	2	2045	538	94.	*	3	1530	763	94.
1	0720	89	588.	*	2	0205	314	331.	*	2	2050	539	94.	*	3	1535	764	94.
1	0725	90	577.	*	2	0210	315	327.	*	2	2055	540	94.	*	3	1540	765	94.
1	0730	91	565.	*	2	0215	316	322.	*	2	2100	541	94.	*	3	1545	766	94.
1	0735	92	556.	*	2	0220	317	318.	*	2	2105	542	94.	*	3	1550	767	94.
1	0740	93	547.	*	2	0225	318	313.	*	2	2110	543	94.	*	3	1555	768	94.
1	0745	94	1390.	*	2	0230	319	309.	*	2	2115	544	94.	*	3	1600	769	94.
1	0750	95	2231.	*	2	0235	320	304.	*	2	2120	545	94.	*	3	1605	770	94.
1	0755	96	2409.	*	2	0240	321	300.	*	2	2125	546	94.	*	3	1610	771	94.
1	0800	97	2586.	*	2	0245	322	295.	*	2	2130	547	94.	*	3	1615	772	94.
1	0805	98	2897.	*	2	0250	323	291.	*	2	2135	548	94.	*	3	1620	773	94.
1	0810	99	3207.	*	2	0255	324	286.	*	2	2140	549	94.	*	3	1625	774	94.
1	0815	100	3496.	*	2	0300	325	281.	*	2	2145	550	94.	*	3	1630	775	94.
1	0820	101	3785.	*	2	0305	326	276.	*	2	2150	551	94.	*	3	1635	776	94.
1	0825	102	3733.	*	2	0310	327	271.	*	2	2155	552	94.	*	3	1640	777	94.
1	0830	103	3680.	*	2	0315	328	266.	*	2	2200	553	94.	*	3	1645	778	94.
1	0835	104	3568.	*	2	0320	329	261.	*	2	2205	554	94.	*	3	1650	779	94.
1	0840	105	3455.	*	2	0325	330	256.	*	2	2210	555	94.	*	3	1655	780	94.
1	0845	106	3303.	*	2	0330	331	250.	*	2	2215	556	94.	*	3	1700	781	94.
1	0850	107	3149.	*	2	0335	332	245.	*	2	2220	557	94.	*	3	1705	782	94.
1	0855	108	2992.	*	2	0340	333	240.	*	2	2225	558	94.	*	3	1710	783	94.
1	0900	109	2835.	*	2	0345	334	235.	*	2	2230	559	94.	*	3	1715	784	94.
1	0905	110	2754.	*	2	0350	335	230.	*	2	2235	560	94.	*	3	1720	785	94.
1	0910	111	2672.	*	2	0355	336	225.	*	2	2240	561	94.	*	3	1725	786	94.
1	0915	112	2614.	*	2	0400	337	220.	*	2	2245	562	94.	*	3	1730	787	94.
1	0920	113	2556.	*	2	0405	338	215.	*	2	2250	563	94.	*	3	1735	788	94.
1	0925	114	2729.	*	2	0410	339	212.	*	2	2255	564	94.	*	3	1740	789	94.
1	0930	115	2901.	*	2	0415	340	208.	*	2	2300	565	94.	*	3	1745	790	94.
1	0935	116	2881.	*	2	0420	341	206.	*	2	2305	566	94.	*	3	1750	791	94.
1	0940	117	2860.	*	2	0425	342	203.	*	2	2310	567	94.	*	3	1755	792	94.
1	0945	118	2739.	*	2	0430	343	201.	*	2	2315	568	94.	*	3	1800	793	94.
1	0950	119	2618.	*	2	0435	344	198.	*	2	2320	569	94.	*	3	1805	794	94.
1	0955	120	2501.	*	2	0440	345	196.	*	2	2325	570	94.	*	3	1810	795	94.
1	1000	121	2383.	*	2	0445	346	193.	*	2	2330	571	94.	*	3	1815	796	94.
1	1005	122	2279.	*	2	0450	347	190.	*	2	2335	572	94.	*	3	1820	797	94.
1	1010	123	2175.	*	2	0455	348	187.	*	2	2340	573	94.	*	3	1825	798	94.
1	1015	124	2081.	*	2	0500	349	185.	*	2	2345	574	94.	*	3	1830	799	94.
1	1020	125	1988.	*	2	0505	350	182.	*	2	2350	575	94.	*	3	1835	800	94.
1	1025	126	1907.	*	2	0510	351	179.	*	2	2355	576	94.	*	3	1840	801	94.
1	1030	127	1826.	*	2	0515	352	177.	*	3	0000	577	94.	*	3	1845	802	94.
1	1035	128	1757.	*	2	0520	353	174.	*	3	0005	578	94.	*	3	1850	803	94.
1	1040	129	1689.	*	2	0525	354	172.	*	3	0010	579	94.	*	3	1855	804	94.
1	1045	130	1631.	*	2	0530	355	170.	*	3	0015	580	94.	*	3	1900	805	94.
1	1050	131	1573.	*	2	0535	356	168.	*	3	0020	581	94.	*	3	1905	806	94.
1	1055	132	1524.	*	2	0540	357	167.	*	3	0025	582	94.	*	3	1910	807	94.
1	1100	133	1474.	*	2	0545	358	165.	*	3	0030	583	94.	*	3	1915	808	94.
1	1105	134	1430.	*	2	0550	359	163.	*	3	0035	584	94.	*	3	1920	809	94.
1	1110	135	1387.	*	2	0555	360	161.	*	3	0040	585	94.	*	3	1925	810	94.
1	1115	136	1349.	*	2	0600	361	160.	*	3	0045	586	94.	*	3	1930	811	94.
1	1120	137	1310.	*	2	0605	362	158.	*	3	0050	587	94.	*	3	1935	812	94.
1	1125	138	1278.	*	2	0610	363	156.	*	3	0055	588	94.	*	3	1940	813	94.
1	1130	139	1246.	*	2	0615	364	154.	*	3	0100	589	94.	*	3	1945	814	94.
1	1135	140	1220.	*	2	0620	365	152.	*	3	0105	590	94.	*	3	1950	815	94.
1	1140	141	1196.	*	2	0625	366	150.	*	3	0110	591	94.	*	3	1955	816	94.
1	1145	142	1179.	*	2	0630	367	148.	*	3	0115	592	94.	*	3	2000	817	94.
1	1150	143	1170.	*	2	0635	368	146.	*	3	0120	593	94.	*	3	2005	818	94.
1	1155	144	1171.	*	2	0640	369	144.	*	3	0125	594	94.	*	3	2010	819	94.
1	1200	145	1185.	*	2	0645	370	142.	*	3	0130	595	94.	*	3	2015	820	94.
1	1205	146	1223.	*	2	0650	371	140.	*	3	0135	596	94.	*	3	2020	821	94.
1	1210	147	1287.	*	2	0655	372	138.	*	3	0140	597	94.	*	3	2025	822	94.
1	1215	148	1386.	*	2	0700	373	136.	*	3	0145	598	94.	*	3	2030	823	94.
1	1220	149	1521.	*	2	0705	374	135.	*	3	0150	599	94.	*	3	2035	824	94.
1	1225	150	1715.	*	2	0710	375	134.	*	3	0155	600	94.	*	3	2040	825	94.
1	1230	151	1936.	*	2	0715	376	132.	*	3	0200	601	94.	*	3	2045	826	94.
1	1235	152	2158.	*	2	0720	377	131.	*	3	0205	602	94.	*	3	2050	827	94.

1	1240	153	2359.	*	2	0725	378	129.	*	3	0210	603	94.	*	3	2055	828	94.
1	1245	154	2518.	*	2	0730	379	127.	*	3	0215	604	94.	*	3	2100	829	94.
1	1250	155	2607.	*	2	0735	380	125.	*	3	0220	605	94.	*	3	2105	830	94.
1	1255	156	2651.	*	2	0740	381	124.	*	3	0225	606	94.	*	3	2110	831	94.
1	1300	157	2686.	*	2	0745	382	122.	*	3	0230	607	94.	*	3	2115	832	94.
1	1305	158	2735.	*	2	0750	383	120.	*	3	0235	608	94.	*	3	2120	833	94.
1	1310	159	2797.	*	2	0755	384	119.	*	3	0240	609	94.	*	3	2125	834	94.
1	1315	160	2880.	*	2	0800	385	117.	*	3	0245	610	94.	*	3	2130	835	94.
1	1320	161	2990.	*	2	0805	386	116.	*	3	0250	611	94.	*	3	2135	836	94.
1	1325	162	3138.	*	2	0810	387	115.	*	3	0255	612	94.	*	3	2140	837	94.
1	1330	163	3337.	*	2	0815	388	114.	*	3	0300	613	94.	*	3	2145	838	94.
1	1335	164	3622.	*	2	0820	389	113.	*	3	0305	614	94.	*	3	2150	839	94.
1	1340	165	3976.	*	2	0825	390	112.	*	3	0310	615	94.	*	3	2155	840	94.
1	1345	166	4433.	*	2	0830	391	111.	*	3	0315	616	94.	*	3	2200	841	94.
1	1350	167	5086.	*	2	0835	392	110.	*	3	0320	617	94.	*	3	2205	842	94.
1	1355	168	5892.	*	2	0840	393	110.	*	3	0325	618	94.	*	3	2210	843	94.
1	1400	169	6710.	*	2	0845	394	109.	*	3	0330	619	94.	*	3	2215	844	94.
1	1405	170	7498.	*	2	0850	395	109.	*	3	0335	620	94.	*	3	2220	845	94.
1	1410	171	8198.	*	2	0855	396	108.	*	3	0340	621	94.	*	3	2225	846	94.
1	1415	172	8693.	*	2	0900	397	108.	*	3	0345	622	94.	*	3	2230	847	94.
1	1420	173	8997.	*	2	0905	398	107.	*	3	0350	623	94.	*	3	2235	848	94.
1	1425	174	9169.	*	2	0910	399	107.	*	3	0355	624	94.	*	3	2240	849	94.
1	1430	175	9239.	*	2	0915	400	106.	*	3	0400	625	94.	*	3	2245	850	94.
1	1435	176	9262.	*	2	0920	401	106.	*	3	0405	626	94.	*	3	2250	851	94.
1	1440	177	9226.	*	2	0925	402	105.	*	3	0410	627	94.	*	3	2255	852	94.
1	1445	178	9149.	*	2	0930	403	105.	*	3	0415	628	94.	*	3	2300	853	94.
1	1450	179	9019.	*	2	0935	404	104.	*	3	0420	629	94.	*	3	2305	854	94.
1	1455	180	8849.	*	2	0940	405	104.	*	3	0425	630	94.	*	3	2310	855	94.
1	1500	181	8647.	*	2	0945	406	103.	*	3	0430	631	94.	*	3	2315	856	94.
1	1505	182	8409.	*	2	0950	407	103.	*	3	0435	632	94.	*	3	2320	857	94.
1	1510	183	8154.	*	2	0955	408	102.	*	3	0440	633	94.	*	3	2325	858	94.
1	1515	184	7866.	*	2	1000	409	102.	*	3	0445	634	94.	*	3	2330	859	94.
1	1520	185	7601.	*	2	1005	410	101.	*	3	0450	635	94.	*	3	2335	860	94.
1	1525	186	7353.	*	2	1010	411	101.	*	3	0455	636	94.	*	3	2340	861	94.
1	1530	187	7128.	*	2	1015	412	100.	*	3	0500	637	94.	*	3	2345	862	94.
1	1535	188	6933.	*	2	1020	413	100.	*	3	0505	638	94.	*	3	2350	863	94.
1	1540	189	6760.	*	2	1025	414	99.	*	3	0510	639	94.	*	3	2355	864	94.
1	1545	190	6597.	*	2	1030	415	99.	*	3	0515	640	94.	*	4	0000	865	94.
1	1550	191	6427.	*	2	1035	416	98.	*	3	0520	641	94.	*	4	0005	866	94.
1	1555	192	6257.	*	2	1040	417	98.	*	3	0525	642	94.	*	4	0010	867	94.
1	1600	193	6090.	*	2	1045	418	98.	*	3	0530	643	94.	*	4	0015	868	94.
1	1605	194	5931.	*	2	1050	419	97.	*	3	0535	644	94.	*	4	0020	869	94.
1	1610	195	5775.	*	2	1055	420	97.	*	3	0540	645	94.	*	4	0025	870	94.
1	1615	196	5635.	*	2	1100	421	97.	*	3	0545	646	94.	*	4	0030	871	94.
1	1620	197	5501.	*	2	1105	422	96.	*	3	0550	647	94.	*	4	0035	872	94.
1	1625	198	5384.	*	2	1110	423	96.	*	3	0555	648	94.	*	4	0040	873	94.
1	1630	199	5274.	*	2	1115	424	96.	*	3	0600	649	94.	*	4	0045	874	94.
1	1635	200	5181.	*	2	1120	425	96.	*	3	0605	650	94.	*	4	0050	875	94.
1	1640	201	5093.	*	2	1125	426	95.	*	3	0610	651	94.	*	4	0055	876	94.
1	1645	202	5017.	*	2	1130	427	95.	*	3	0615	652	94.	*	4	0100	877	94.
1	1650	203	4945.	*	2	1135	428	95.	*	3	0620	653	94.	*	4	0105	878	94.
1	1655	204	4873.	*	2	1140	429	95.	*	3	0625	654	94.	*	4	0110	879	94.
1	1700	205	4805.	*	2	1145	430	95.	*	3	0630	655	94.	*	4	0115	880	94.
1	1705	206	4730.	*	2	1150	431	94.	*	3	0635	656	94.	*	4	0120	881	94.
1	1710	207	4657.	*	2	1155	432	94.	*	3	0640	657	94.	*	4	0125	882	94.
1	1715	208	4580.	*	2	1200	433	94.	*	3	0645	658	94.	*	4	0130	883	94.
1	1720	209	4506.	*	2	1205	434	94.	*	3	0650	659	94.	*	4	0135	884	94.
1	1725	210	4436.	*	2	1210	435	94.	*	3	0655	660	94.	*	4	0140	885	94.
1	1730	211	4371.	*	2	1215	436	94.	*	3	0700	661	94.	*	4	0145	886	94.
1	1735	212	4316.	*	2	1220	437	94.	*	3	0705	662	94.	*	4	0150	887	94.
1	1740	213	4270.	*	2	1225	438	94.	*	3	0710	663	94.	*	4	0155	888	94.
1	1745	214	4227.	*	2	1230	439	94.	*	3	0715	664	94.	*	4	0200	889	94.
1	1750	215	4177.	*	2	1235	440	94.	*	3	0720	665	94.	*	4	0205	890	94.
1	1755	216	4123.	*	2	1240	441	94.	*	3	0725	666	94.	*	4	0210	891	94.
1	1800	217	4063.	*	2	1245	442	94.	*	3	0730	667	94.	*	4	0215	892	94.
1	1805	218	4003.	*	2	1250	443	94.	*	3	0735	668	94.	*	4	0220	893	94.
1	1810	219	3938.	*	2	1255	444	94.	*	3	0740	669	94.	*	4	0225	894	94.
1	1815	220	3859.	*	2	1300	445	94.	*	3	0745	670	94.	*	4	0230	895	94.
1	1820	221	3775.	*	2	1305	446	94.	*	3	0750	671	94.	*	4	0235	896	94.
1	1825	222	3673.	*	2	1310	447	94.	*	3	0755	672	94.	*	4	0240	897	94.
1	1830	223	3567.	*	2	1315	448	94.	*	3	0800	673	94.	*	4	0245	898	94.
1	1835	224	3453.	*	2	1320	449	94.	*	3	0805	674	94.	*	4	0250	899	94.
1	1840	225	3340.	*	2	1325	450	94.	*	3	0810	675	94.	*	4	0255	900	94.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 9262.	14.58	(CFS)	5512.	2247.	811.	780.
		(INCHES)	.296	.483	.523	.523
		(AC-FT)	2733.	4457.	4827.	4828.

CUMULATIVE AREA = 172.93 SQ MI

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          **************
          *            *
159 KK    *     CCD-I  *
          *            *
          **************

160 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
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TIMINT .083 TIME INTERVAL IN HOURS

Total inflow to Cave Creek Dam

162 HC HYDROGRAPH COMBINATION
ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION CCD-I
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3239.	2		1330	451	99.	3		0815	676	99.
1		0005	2	0.	1		1850	227	3128.	2		1335	452	99.	3		0820	677	99.
1		0010	3	0.	1		1855	228	3022.	2		1340	453	99.	3		0825	678	99.
1		0015	4	1.	1		1900	229	2919.	2		1345	454	99.	3		0830	679	99.
1		0020	5	1.	1		1905	230	2822.	2		1350	455	99.	3		0835	680	99.
1		0025	6	2.	1		1910	231	2730.	2		1355	456	99.	3		0840	681	99.
1		0030	7	2.	1		1915	232	2642.	2		1400	457	99.	3		0845	682	99.
1		0035	8	3.	1		1920	233	2560.	2		1405	458	99.	3		0850	683	99.
1		0040	9	3.	1		1925	234	2480.	2		1410	459	99.	3		0855	684	99.
1		0045	10	4.	1		1930	235	2403.	2		1415	460	99.	3		0900	685	99.
1		0050	11	4.	1		1935	236	2329.	2		1420	461	99.	3		0905	686	99.
1		0055	12	5.	1		1940	237	2252.	2		1425	462	99.	3		0910	687	99.
1		0100	13	5.	1		1945	238	2179.	2		1430	463	99.	3		0915	688	99.
1		0105	14	5.	1		1950	239	2105.	2		1435	464	99.	3		0920	689	99.
1		0110	15	6.	1		1955	240	2037.	2		1440	465	99.	3		0925	690	99.
1		0115	16	6.	1		2000	241	1967.	2		1445	466	99.	3		0930	691	99.
1		0120	17	5.	1		2005	242	1920.	2		1450	467	99.	3		0935	692	99.
1		0125	18	5.	1		2010	243	1864.	2		1455	468	99.	3		0940	693	99.
1		0130	19	5.	1		2015	244	1785.	2		1500	469	99.	3		0945	694	99.
1		0135	20	6.	1		2020	245	1684.	2		1505	470	99.	3		0950	695	99.
1		0140	21	6.	1		2025	246	1532.	2		1510	471	99.	3		0955	696	99.
1		0145	22	6.	1		2030	247	1388.	2		1515	472	99.	3		1000	697	99.
1		0150	23	7.	1		2035	248	1300.	2		1520	473	99.	3		1005	698	99.
1		0155	24	7.	1		2040	249	1241.	2		1525	474	99.	3		1010	699	99.
1		0200	25	8.	1		2045	250	1198.	2		1530	475	99.	3		1015	700	99.
1		0205	26	10.	1		2050	251	1160.	2		1535	476	99.	3		1020	701	99.
1		0210	27	10.	1		2055	252	1127.	2		1540	477	99.	3		1025	702	99.
1		0215	28	11.	1		2100	253	1096.	2		1545	478	99.	3		1030	703	99.
1		0220	29	12.	1		2105	254	1069.	2		1550	479	99.	3		1035	704	99.
1		0225	30	12.	1		2110	255	1042.	2		1555	480	99.	3		1040	705	99.
1		0230	31	13.	1		2115	256	1017.	2		1600	481	99.	3		1045	706	99.
1		0235	32	13.	1		2120	257	991.	2		1605	482	99.	3		1050	707	99.
1		0240	33	14.	1		2125	258	966.	2		1610	483	99.	3		1055	708	99.
1		0245	34	14.	1		2130	259	941.	2		1615	484	99.	3		1100	709	99.
1		0250	35	14.	1		2135	260	918.	2		1620	485	99.	3		1105	710	99.
1		0255	36	15.	1		2140	261	892.	2		1625	486	99.	3		1110	711	99.
1		0300	37	15.	1		2145	262	867.	2		1630	487	99.	3		1115	712	99.
1		0305	38	16.	1		2150	263	843.	2		1635	488	99.	3		1120	713	99.
1		0310	39	16.	1		2155	264	820.	2		1640	489	99.	3		1125	714	99.
1		0315	40	17.	1		2200	265	797.	2		1645	490	99.	3		1130	715	99.
1		0320	41	17.	1		2205	266	775.	2		1650	491	99.	3		1135	716	99.
1		0325	42	18.	1		2210	267	753.	2		1655	492	99.	3		1140	717	99.
1		0330	43	19.	1		2215	268	734.	2		1700	493	99.	3		1145	718	99.
1		0335	44	19.	1		2220	269	715.	2		1705	494	99.	3		1150	719	99.
1		0340	45	20.	1		2225	270	699.	2		1710	495	99.	3		1155	720	99.
1		0345	46	20.	1		2230	271	682.	2		1715	496	99.	3		1200	721	99.
1		0350	47	20.	1		2235	272	665.	2		1720	497	99.	3		1205	722	99.
1		0355	48	21.	1		2240	273	648.	2		1725	498	99.	3		1210	723	99.
1		0400	49	21.	1		2245	274	632.	2		1730	499	99.	3		1215	724	99.
1		0405	50	22.	1		2250	275	617.	2		1735	500	99.	3		1220	725	99.
1		0410	51	22.	1		2255	276	602.	2		1740	501	99.	3		1225	726	99.
1		0415	52	24.	1		2300	277	587.	2		1745	502	99.	3		1230	727	99.
1		0420	53	25.	1		2305	278	572.	2		1750	503	99.	3		1235	728	99.
1		0425	54	27.	1		2310	279	558.	2		1755	504	99.	3		1240	729	99.
1		0430	55	28.	1		2315	280	545.	2		1800	505	99.	3		1245	730	99.
1		0435	56	29.	1		2320	281	532.	2		1805	506	99.	3		1250	731	99.
1		0440	57	31.	1		2325	282	520.	2		1810	507	99.	3		1255	732	99.
1		0445	58	33.	1		2330	283	508.	2		1815	508	99.	3		1300	733	99.
1		0450	59	34.	1		2335	284	498.	2		1820	509	99.	3		1305	734	99.
1		0455	60	35.	1		2340	285	487.	2		1825	510	99.	3		1310	735	99.
1		0500	61	37.	1		2345	286	477.	2		1830	511	99.	3		1315	736	99.
1		0505	62	40.	1		2350	287	467.	2		1835	512	99.	3		1320	737	99.
1		0510	63	43.	1		2355	288	458.	2		1840	513	99.	3		1325	738	99.
1		0515	64	48.	2		0000	289	450.	2		1845	514	99.	3		1330	739	99.
1		0520	65	53.	2		0005	290	445.	2		1850	515	99.	3		1335	740	99.
1		0525	66	58.	2		0010	291	440.	2		1855	516	99.	3		1340	741	99.
1		0530	67	63.	2		0015	292	435.	2		1900	517	99.	3		1345	742	99.
1		0535	68	104.	2		0020	293	431.	2		1905	518	99.	3		1350	743	99.
1		0540	69	146.	2		0025	294	426.	2		1910	519	99.	3		1355	744	99.
1		0545	70	297.	2		0030	295	422.	2		1915	520	99.	3		1400	745	99.
1		0550	71	448.	2		0035	296	417.	2		1920	521	99.	3		1405	746	99.
1		0555	72	707.	2		0040	297	412.	2		1925	522	99.	3		1410	747	99.
1		0600	73	966.	2		0045	298	407.	2		1930	523	99.	3		1415	748	99.
1		0605	74	1124.	2		0050	299	402.	2		1935	524	99.	3		1420	749	99.
1		0610	75	1282.	2		0055	300	398.	2		1940	525	99.	3		1425	750	99.
1		0615	76	1227.	2		0100	301	393.	2		1945	526	99.	3		1430	751	99.
1		0620	77	1172.	2		0105	302	388.	2		1950	527	99.	3		1435	752	99.
1		0625	78	1080.	2		0110	303	384.	2		1955	528	99.	3		1440	753	99.
1		0630	79	987.	2		0115	304	380.	2		2000	529	99.	3		1445	754	99.
1		0635	80	914.	2		0120	305	376.	2		2005	530	99.	3		1450	755	99.
1		0640	81	840.	2		0125	306	372.	2		2010	531	99.	3		1455	756	99.
1		0645	82	756.	2		0130	307	368.	2		2015	532	99.	3		1500	757	99.
1		0650	83	672.	2		0135	308	363.	2		2020	533	99.	3		1505	758	99.
1		0655	84	605.	2		0140	309	359.	2		2025	534	99.	3		1510	759	99.
1		0700	85	536.	2		0145	310	354.	2		2030	535	99.	3		1515	760	99.
1		0705	86	557.	2		0150	311	350.	2		2035	536	99.	3		1520	761	99.
1		0710	87	577.	2		0155	312	345.	2		2040	537	99.	3		1525	762	99.
1		0715	88	588.	2		0200	313	341.	2		2045	538	99.	3		1530	763	99.

1	0720	89	597.	*	2	0205	314	336.	*	2	2050	539	99.	*	3	1535	764	99.
1	0725	90	586.	*	2	0210	315	332.	*	2	2055	540	99.	*	3	1540	765	99.
1	0730	91	574.	*	2	0215	316	327.	*	2	2100	541	99.	*	3	1545	766	99.
1	0735	92	565.	*	2	0220	317	323.	*	2	2105	542	99.	*	3	1550	767	99.
1	0740	93	556.	*	2	0225	318	318.	*	2	2110	543	99.	*	3	1555	768	99.
1	0745	94	1399.	*	2	0230	319	314.	*	2	2115	544	99.	*	3	1600	769	99.
1	0750	95	2240.	*	2	0235	320	309.	*	2	2120	545	99.	*	3	1605	770	99.
1	0755	96	2418.	*	2	0240	321	305.	*	2	2125	546	99.	*	3	1610	771	99.
1	0800	97	2596.	*	2	0245	322	300.	*	2	2130	547	99.	*	3	1615	772	99.
1	0805	98	2907.	*	2	0250	323	296.	*	2	2135	548	99.	*	3	1620	773	99.
1	0810	99	3217.	*	2	0255	324	291.	*	2	2140	549	99.	*	3	1625	774	99.
1	0815	100	3506.	*	2	0300	325	286.	*	2	2145	550	99.	*	3	1630	775	99.
1	0820	101	3795.	*	2	0305	326	281.	*	2	2150	551	99.	*	3	1635	776	99.
1	0825	102	3743.	*	2	0310	327	276.	*	2	2155	552	99.	*	3	1640	777	99.
1	0830	103	3690.	*	2	0315	328	271.	*	2	2200	553	99.	*	3	1645	778	99.
1	0835	104	3578.	*	2	0320	329	266.	*	2	2205	554	99.	*	3	1650	779	99.
1	0840	105	3465.	*	2	0325	330	261.	*	2	2210	555	99.	*	3	1655	780	99.
1	0845	106	3313.	*	2	0330	331	255.	*	2	2215	556	99.	*	3	1700	781	99.
1	0850	107	3159.	*	2	0335	332	250.	*	2	2220	557	99.	*	3	1705	782	99.
1	0855	108	3002.	*	2	0340	333	245.	*	2	2225	558	99.	*	3	1710	783	99.
1	0900	109	2845.	*	2	0345	334	240.	*	2	2230	559	99.	*	3	1715	784	99.
1	0905	110	2765.	*	2	0350	335	235.	*	2	2235	560	99.	*	3	1720	785	99.
1	0910	111	2683.	*	2	0355	336	230.	*	2	2240	561	99.	*	3	1725	786	99.
1	0915	112	2625.	*	2	0400	337	225.	*	2	2245	562	99.	*	3	1730	787	99.
1	0920	113	2567.	*	2	0405	338	220.	*	2	2250	563	99.	*	3	1735	788	99.
1	0925	114	2740.	*	2	0410	339	217.	*	2	2255	564	99.	*	3	1740	789	99.
1	0930	115	2913.	*	2	0415	340	213.	*	2	2300	565	99.	*	3	1745	790	99.
1	0935	116	2893.	*	2	0420	341	211.	*	2	2305	566	99.	*	3	1750	791	99.
1	0940	117	2872.	*	2	0425	342	208.	*	2	2310	567	99.	*	3	1755	792	99.
1	0945	118	2751.	*	2	0430	343	206.	*	2	2315	568	99.	*	3	1800	793	99.
1	0950	119	2631.	*	2	0435	344	203.	*	2	2320	569	99.	*	3	1805	794	99.
1	0955	120	2514.	*	2	0440	345	201.	*	2	2325	570	99.	*	3	1810	795	99.
1	1000	121	2396.	*	2	0445	346	198.	*	2	2330	571	99.	*	3	1815	796	99.
1	1005	122	2293.	*	2	0450	347	195.	*	2	2335	572	99.	*	3	1820	797	99.
1	1010	123	2189.	*	2	0455	348	192.	*	2	2340	573	99.	*	3	1825	798	99.
1	1015	124	2095.	*	2	0500	349	190.	*	2	2345	574	99.	*	3	1830	799	99.
1	1020	125	2003.	*	2	0505	350	187.	*	2	2350	575	99.	*	3	1835	800	99.
1	1025	126	1922.	*	2	0510	351	184.	*	2	2355	576	99.	*	3	1840	801	99.
1	1030	127	1841.	*	2	0515	352	182.	*	3	0000	577	99.	*	3	1845	802	99.
1	1035	128	1772.	*	2	0520	353	179.	*	3	0005	578	99.	*	3	1850	803	99.
1	1040	129	1704.	*	2	0525	354	177.	*	3	0010	579	99.	*	3	1855	804	99.
1	1045	130	1647.	*	2	0530	355	175.	*	3	0015	580	99.	*	3	1900	805	99.
1	1050	131	1589.	*	2	0535	356	173.	*	3	0020	581	99.	*	3	1905	806	99.
1	1055	132	1540.	*	2	0540	357	172.	*	3	0025	582	99.	*	3	1910	807	99.
1	1100	133	1491.	*	2	0545	358	170.	*	3	0030	583	99.	*	3	1915	808	99.
1	1105	134	1447.	*	2	0550	359	168.	*	3	0035	584	99.	*	3	1920	809	99.
1	1110	135	1404.	*	2	0555	360	166.	*	3	0040	585	99.	*	3	1925	810	99.
1	1115	136	1367.	*	2	0600	361	165.	*	3	0045	586	99.	*	3	1930	811	99.
1	1120	137	1328.	*	2	0605	362	163.	*	3	0050	587	99.	*	3	1935	812	99.
1	1125	138	1297.	*	2	0610	363	161.	*	3	0055	588	99.	*	3	1940	813	99.
1	1130	139	1266.	*	2	0615	364	159.	*	3	0100	589	99.	*	3	1945	814	99.
1	1135	140	1240.	*	2	0620	365	157.	*	3	0105	590	99.	*	3	1950	815	99.
1	1140	141	1217.	*	2	0625	366	155.	*	3	0110	591	99.	*	3	1955	816	99.
1	1145	142	1201.	*	2	0630	367	153.	*	3	0115	592	99.	*	3	2000	817	99.
1	1150	143	1194.	*	2	0635	368	151.	*	3	0120	593	99.	*	3	2005	818	99.
1	1155	144	1197.	*	2	0640	369	149.	*	3	0125	594	99.	*	3	2010	819	99.
1	1200	145	1213.	*	2	0645	370	147.	*	3	0130	595	99.	*	3	2015	820	99.
1	1205	146	1259.	*	2	0650	371	145.	*	3	0135	596	99.	*	3	2020	821	99.
1	1210	147	1332.	*	2	0655	372	143.	*	3	0140	597	99.	*	3	2025	822	99.
1	1215	148	1441.	*	2	0700	373	141.	*	3	0145	598	99.	*	3	2030	823	99.
1	1220	149	1590.	*	2	0705	374	140.	*	3	0150	599	99.	*	3	2035	824	99.
1	1225	150	1809.	*	2	0710	375	139.	*	3	0155	600	99.	*	3	2040	825	99.
1	1230	151	2060.	*	2	0715	376	137.	*	3	0200	601	99.	*	3	2045	826	99.
1	1235	152	2310.	*	2	0720	377	136.	*	3	0205	602	99.	*	3	2050	827	99.
1	1240	153	2549.	*	2	0725	378	134.	*	3	0210	603	99.	*	3	2055	828	99.
1	1245	154	2752.	*	2	0730	379	132.	*	3	0215	604	99.	*	3	2100	829	99.
1	1250	155	2890.	*	2	0735	380	130.	*	3	0220	605	99.	*	3	2105	830	99.
1	1255	156	2977.	*	2	0740	381	129.	*	3	0225	606	99.	*	3	2110	831	99.
1	1300	157	3054.	*	2	0745	382	127.	*	3	0230	607	99.	*	3	2115	832	99.
1	1305	158	3140.	*	2	0750	383	125.	*	3	0235	608	99.	*	3	2120	833	99.
1	1310	159	3234.	*	2	0755	384	124.	*	3	0240	609	99.	*	3	2125	834	99.
1	1315	160	3344.	*	2	0800	385	122.	*	3	0245	610	99.	*	3	2130	835	99.
1	1320	161	3476.	*	2	0805	386	121.	*	3	0250	611	99.	*	3	2135	836	99.
1	1325	162	3635.	*	2	0810	387	120.	*	3	0255	612	99.	*	3	2140	837	99.
1	1330	163	3838.	*	2	0815	388	119.	*	3	0300	613	99.	*	3	2145	838	99.
1	1335	164	4121.	*	2	0820	389	118.	*	3	0305	614	99.	*	3	2150	839	99.
1	1340	165	4463.	*	2	0825	390	117.	*	3	0310	615	99.	*	3	2155	840	99.
1	1345	166	4900.	*	2	0830	391	116.	*	3	0315	616	99.	*	3	2200	841	99.
1	1350	167	5529.	*	2	0835	392	115.	*	3	0320	617	99.	*	3	2205	842	99.
1	1355	168	6305.	*	2	0840	393	115.	*	3	0325	618	99.	*	3	2210	843	99.
1	1400	169	7092.	*	2	0845	394	114.	*	3	0330	619	99.	*	3	2215	844	99.
1	1405	170	7847.	*	2	0850	395	114.	*	3	0335	620	99.	*	3	2220	845	99.
1	1410	171	8517.	*	2	0855	396	113.	*	3	0340	621	99.	*	3	2225	846	99.
1	1415	172	8984.	*	2	0900	397	113.	*	3	0345	622	99.	*	3	2230	847	99.
1	1420	173	9263.	*	2	0905	398	112.	*	3	0350	623	99.	*	3	2235	848	99.
1	1425	174	9413.	*	2	0910	399	112.	*	3	0355	624	99.	*	3	2240	849	99.
1	1430	175	9461.	*	2	0915	400	111.	*	3	0400	625	99.	*	3	2245	850	99.
1	1435	176	9465.	*	2	0920	401	111.	*	3	0405	626	99.	*	3	2250	851	99.
1	1440	177	9412.	*	2	0925	402	110.	*	3	0410	627	99.	*	3	2255	852	99.
1	1445	178	9319.	*	2	0930	403	110.	*	3	0415	628	99.	*	3	2300	853	99.
1	1450	179	9175.	*	2	0935	404	109.	*	3	0420	629	99.	*	3	2305	854	99.
1	1455	180	8991.	*	2	0940	405	109.	*	3	0425	630	99.	*	3	2310	855	99.
1	1500	181	8778.	*	2	0945	406	108.	*	3	0430	631	99.	*	3	2315	856	99.
1	1505	182	8530.	*	2	0950	407	108.	*	3	0435	632	99.	*	3	2320	857	99.
1	1510	183	8264.	*	2	0955	408	107.	*	3	0440	633	99.	*	3	2325	858	99.
1	1515	184	7968.	*	2	1000	409	107.	*	3	0445	634	99.	*	3	2330	859	99.
1	1520	185	7695.	*	2	1005	410	106.	*	3	0450	635	99.	*	3	2335	860	99.
1	1525	186	7439.	*	2	1010	411	106.	*	3	0455	636	99.	*	3	2340	861	99.
1	1530	187	7206.	*	2	1015	412	105.	*	3	0500	637	99.	*	3	2345	862	99.
1	1535	188	7005.	*	2	1020	413	105.	*	3	0505	638	99.	*	3	2350	863	99.
1	1540	189	6827.	*	2	1025	414	104.	*	3	0510	639	99.	*	3	2355	864	99.
1	1545	190	6660.	*	2	1030	415	104.	*	3	0515	640	99.	*	4	0000	865	99.
1	1550	191	6485.	*	2	1035	416	103.	*	3	0520	641	99.	*	4	0005	866	99.
1	1555	192	6310.	*	2	1040	417	103.	*	3	0525	642	99.	*	4	0010	867	99.
1	1600	193	6139.	*	2	1045	418	103.	*	3	0530	643	99.	*	4	0015	868	99.
1	1605	194	5976.	*	2	1050	419	102.	*	3	0535	644	99.	*	4	0020	869	99.

1	1610	195	5816.	*	2	1055	420	102.	*	3	0540	645	99.	*	4	0025	870	99.
1	1615	196	5672.	*	2	1100	421	102.	*	3	0545	646	99.	*	4	0030	871	99.
1	1620	197	5533.	*	2	1105	422	101.	*	3	0550	647	99.	*	4	0035	872	99.
1	1625	198	5415.	*	2	1110	423	101.	*	3	0555	648	99.	*	4	0040	873	99.
1	1630	199	5305.	*	2	1115	424	101.	*	3	0600	649	99.	*	4	0045	874	99.
1	1635	200	5211.	*	2	1120	425	101.	*	3	0605	650	99.	*	4	0050	875	99.
1	1640	201	5122.	*	2	1125	426	100.	*	3	0610	651	99.	*	4	0055	876	99.
1	1645	202	5046.	*	2	1130	427	100.	*	3	0615	652	99.	*	4	0100	877	99.
1	1650	203	4974.	*	2	1135	428	100.	*	3	0620	653	99.	*	4	0105	878	99.
1	1655	204	4901.	*	2	1140	429	100.	*	3	0625	654	99.	*	4	0110	879	99.
1	1700	205	4833.	*	2	1145	430	100.	*	3	0630	655	99.	*	4	0115	880	99.
1	1705	206	4757.	*	2	1150	431	99.	*	3	0635	656	99.	*	4	0120	881	99.
1	1710	207	4682.	*	2	1155	432	99.	*	3	0640	657	99.	*	4	0125	882	99.
1	1715	208	4603.	*	2	1200	433	99.	*	3	0645	658	99.	*	4	0130	883	99.
1	1720	209	4527.	*	2	1205	434	99.	*	3	0650	659	99.	*	4	0135	884	99.
1	1725	210	4455.	*	2	1210	435	99.	*	3	0655	660	99.	*	4	0140	885	99.
1	1730	211	4388.	*	2	1215	436	99.	*	3	0700	661	99.	*	4	0145	886	99.
1	1735	212	4330.	*	2	1220	437	99.	*	3	0705	662	99.	*	4	0150	887	99.
1	1740	213	4284.	*	2	1225	438	99.	*	3	0710	663	99.	*	4	0155	888	99.
1	1745	214	4241.	*	2	1230	439	99.	*	3	0715	664	99.	*	4	0200	889	99.
1	1750	215	4190.	*	2	1235	440	99.	*	3	0720	665	99.	*	4	0205	890	99.
1	1755	216	4136.	*	2	1240	441	99.	*	3	0725	666	99.	*	4	0210	891	99.
1	1800	217	4076.	*	2	1245	442	99.	*	3	0730	667	99.	*	4	0215	892	99.
1	1805	218	4016.	*	2	1250	443	99.	*	3	0735	668	99.	*	4	0220	893	99.
1	1810	219	3951.	*	2	1255	444	99.	*	3	0740	669	99.	*	4	0225	894	99.
1	1815	220	3871.	*	2	1300	445	99.	*	3	0745	670	99.	*	4	0230	895	99.
1	1820	221	3787.	*	2	1305	446	99.	*	3	0750	671	99.	*	4	0235	896	99.
1	1825	222	3685.	*	2	1310	447	99.	*	3	0755	672	99.	*	4	0240	897	99.
1	1830	223	3579.	*	2	1315	448	99.	*	3	0800	673	99.	*	4	0245	898	99.
1	1835	224	3465.	*	2	1320	449	99.	*	3	0805	674	99.	*	4	0250	899	99.
1	1840	225	3351.	*	2	1325	450	99.	*	3	0810	675	99.	*	4	0255	900	99.
				*					*					*				

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 9465.	14.58	5650.	2294.	830.	798.
		(INCHES) .274	.445	.483	.483
		(AC-FT) 2802.	4551.	4941.	4942.

CUMULATIVE AREA = 191.93 SQ MI

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              *            *
163 KK        *     CCD-O  *
              *            *
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164 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE

                HYDROGRAPH ROUTING DATA

165 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP       FLOW  TYPE OF INITIAL CONDITION
                     RSVRIC      -1.00  INITIAL CONDITION
                          X        .00 WORKING R AND D COEFFICIENT

166 SV            STORAGE          .0        .0       4.0      21.9      39.8     226.9     635.9    1185.2    1848.2    4239.0
                                4629.6    5003.6    5377.6    5751.6    6244.0    6754.0    7264.0    7774.0    8284.0    8800.0

168 SE          ELEVATION     1596.20   1599.20   1602.20   1605.30   1608.30   1611.30   1614.30   1617.40   1620.40   1626.50
                              1627.30   1628.20   1629.00   1629.90   1630.70   1631.60   1632.40   1633.30   1634.10   1635.00

170 SQ          DISCHARGE          0.      483.      685.      840.      971.     1086.     1189.     1285.     1374.     1536.
                                 1807.     2890.     4504.     6555.     9006.    11837.    15037.    18601.    22525.    26560.

172 SE          ELEVATION     1596.20   1599.20   1602.20   1605.30   1608.30   1611.30   1614.30   1617.40   1620.40   1626.50
                              1627.30   1628.20   1629.00   1629.90   1630.70   1631.60   1632.40   1633.30   1634.10   1635.00
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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	.00	4.00	21.90	39.80	226.90	635.90	1185.20	1848.20	4239.00
OUTFLOW	.00	483.00	685.00	840.00	971.00	1086.00	1189.00	1285.00	1374.00	1536.00
ELEVATION	1596.20	1599.20	1602.20	1605.30	1608.30	1611.30	1614.30	1617.40	1620.40	1626.50
STORAGE	4629.60	5003.60	5377.60	5751.60	6244.00	6754.00	7264.00	7774.00	8284.00	8800.00
OUTFLOW	1807.00	2890.00	4504.00	6555.00	9006.00	11837.00	15037.00	18601.00	22525.00	26560.00
ELEVATION	1627.30	1628.20	1629.00	1629.90	1630.70	1631.60	1632.40	1633.30	1634.10	1635.00

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HYDROGRAPH AT STATION CCD-O

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1596.2	*	2		0100	301	1417.	2478.1	1622.0	*	3		0200	601	1025.	127.4	1609.7
1		0005	2	0.	.0	1596.2	*	2		0105	302	1416.	2471.0	1622.0	*	3		0205	602	1021.	121.1	1609.6
1		0010	3	0.	.0	1596.2	*	2		0110	303	1416.	2463.9	1622.0	*	3		0210	603	1017.	114.7	1609.5
1		0015	4	1.	.0	1596.2	*	2		0115	304	1415.	2456.8	1622.0	*	3		0215	604	1013.	108.4	1609.4

1	0020	5	1.	.0	1596.2	*	2	0120	305	1415.	2449.6	1621.9	*	3	0220	605	1009.	102.1	1609.3
1	0025	6	2.	.0	1596.2	*	2	0125	306	1414.	2442.5	1621.9	*	3	0225	606	1005.	95.9	1609.2
1	0030	7	2.	.0	1596.2	*	2	0130	307	1414.	2435.3	1621.9	*	3	0230	607	1002.	89.7	1609.1
1	0035	8	3.	.0	1596.2	*	2	0135	308	1413.	2428.1	1621.9	*	3	0235	608	998.	83.4	1609.0
1	0040	9	3.	.0	1596.2	*	2	0140	309	1413.	2420.8	1621.9	*	3	0240	609	994.	77.3	1608.9
1	0045	10	4.	.0	1596.2	*	2	0145	310	1412.	2413.5	1621.8	*	3	0245	610	990.	71.1	1608.8
1	0050	11	4.	.0	1596.2	*	2	0150	311	1412.	2406.2	1621.8	*	3	0250	611	986.	65.0	1608.7
1	0055	12	5.	.0	1596.2	*	2	0155	312	1411.	2398.9	1621.8	*	3	0255	612	983.	58.9	1608.6
1	0100	13	5.	.0	1596.2	*	2	0200	313	1411.	2391.6	1621.8	*	3	0300	613	979.	52.8	1608.5
1	0105	14	5.	.0	1596.2	*	2	0205	314	1410.	2384.2	1621.8	*	3	0305	614	975.	46.8	1608.4
1	0110	15	6.	.0	1596.2	*	2	0210	315	1410.	2376.8	1621.7	*	3	0310	615	972.	40.8	1608.3
1	0115	16	6.	.0	1596.2	*	2	0215	316	1409.	2369.3	1621.7	*	3	0315	616	935.	34.9	1607.5
1	0120	17	5.	.0	1596.2	*	2	0220	317	1409.	2361.9	1621.7	*	3	0320	617	894.	29.3	1606.5
1	0125	18	5.	.0	1596.2	*	2	0225	318	1408.	2354.4	1621.7	*	3	0325	618	855.	23.9	1605.6
1	0130	19	5.	.0	1596.2	*	2	0230	319	1408.	2346.8	1621.7	*	3	0330	619	814.	18.9	1604.8
1	0135	20	6.	.0	1596.2	*	2	0235	320	1407.	2339.3	1621.7	*	3	0335	620	772.	14.1	1603.9
1	0140	21	6.	.0	1596.2	*	2	0240	321	1407.	2331.7	1621.6	*	3	0340	621	733.	9.6	1603.2
1	0145	22	6.	.0	1596.2	*	2	0245	322	1406.	2324.1	1621.6	*	3	0345	622	697.	5.3	1602.4
1	0150	23	7.	.0	1596.2	*	2	0250	323	1406.	2316.5	1621.6	*	3	0350	623	567.	1.7	1600.4
1	0155	24	7.	.0	1596.2	*	2	0255	324	1405.	2308.8	1621.6	*	3	0355	624	99.	.0	1596.9
1	0200	25	8.	.0	1596.2	*	2	0300	325	1405.	2301.1	1621.6	*	3	0400	625	99.	.0	1596.9
1	0205	26	10.	.0	1596.3	*	2	0305	326	1404.	2293.4	1621.5	*	3	0405	626	99.	.0	1596.9
1	0210	27	10.	.0	1596.3	*	2	0310	327	1404.	2285.7	1621.5	*	3	0410	627	99.	.0	1596.9
1	0215	28	11.	.0	1596.3	*	2	0315	328	1403.	2277.9	1621.5	*	3	0415	628	99.	.0	1596.9
1	0220	29	12.	.0	1596.3	*	2	0320	329	1403.	2270.1	1621.5	*	3	0420	629	99.	.0	1596.9
1	0225	30	12.	.0	1596.3	*	2	0325	330	1402.	2262.2	1621.5	*	3	0425	630	99.	.0	1596.9
1	0230	31	13.	.0	1596.3	*	2	0330	331	1402.	2254.4	1621.4	*	3	0430	631	99.	.0	1596.9
1	0235	32	13.	.0	1596.3	*	2	0335	332	1401.	2246.4	1621.4	*	3	0435	632	99.	.0	1596.9
1	0240	33	14.	.0	1596.3	*	2	0340	333	1400.	2238.5	1621.4	*	3	0440	633	99.	.0	1596.9
1	0245	34	14.	.0	1596.3	*	2	0345	334	1400.	2230.5	1621.4	*	3	0445	634	99.	.0	1596.9
1	0250	35	14.	.0	1596.3	*	2	0350	335	1399.	2222.5	1621.4	*	3	0450	635	99.	.0	1596.9
1	0255	36	15.	.0	1596.3	*	2	0355	336	1399.	2214.5	1621.3	*	3	0455	636	99.	.0	1596.9
1	0300	37	15.	.0	1596.3	*	2	0400	337	1398.	2206.4	1621.3	*	3	0500	637	99.	.0	1596.9
1	0305	38	16.	.0	1596.3	*	2	0405	338	1398.	2198.3	1621.3	*	3	0505	638	99.	.0	1596.9
1	0310	39	16.	.0	1596.3	*	2	0410	339	1397.	2190.2	1621.3	*	3	0510	639	99.	.0	1596.9
1	0315	40	17.	.0	1596.3	*	2	0415	340	1397.	2182.1	1621.3	*	3	0515	640	99.	.0	1596.9
1	0320	41	17.	.0	1596.3	*	2	0420	341	1396.	2173.9	1621.2	*	3	0520	641	99.	.0	1596.9
1	0325	42	18.	.0	1596.3	*	2	0425	342	1396.	2165.7	1621.2	*	3	0525	642	99.	.0	1596.9
1	0330	43	19.	.0	1596.3	*	2	0430	343	1395.	2157.6	1621.2	*	3	0530	643	99.	.0	1596.9
1	0335	44	19.	.0	1596.3	*	2	0435	344	1394.	2149.4	1621.2	*	3	0535	644	99.	.0	1596.9
1	0340	45	20.	.0	1596.3	*	2	0440	345	1394.	2141.2	1621.1	*	3	0540	645	99.	.0	1596.9
1	0345	46	20.	.0	1596.3	*	2	0445	346	1393.	2132.9	1621.1	*	3	0545	646	99.	.0	1596.9
1	0350	47	20.	.0	1596.3	*	2	0450	347	1393.	2124.7	1621.1	*	3	0550	647	99.	.0	1596.9
1	0355	48	21.	.0	1596.3	*	2	0455	348	1392.	2116.4	1621.1	*	3	0555	648	99.	.0	1596.9
1	0400	49	21.	.0	1596.3	*	2	0500	349	1392.	2108.2	1621.1	*	3	0600	649	99.	.0	1596.9
1	0405	50	22.	.0	1596.3	*	2	0505	350	1391.	2099.9	1621.0	*	3	0605	650	99.	.0	1596.9
1	0410	51	22.	.0	1596.3	*	2	0510	351	1390.	2091.6	1621.0	*	3	0610	651	99.	.0	1596.9
1	0415	52	24.	.0	1596.3	*	2	0515	352	1390.	2083.3	1621.0	*	3	0615	652	99.	.0	1596.9
1	0420	53	25.	.0	1596.4	*	2	0520	353	1389.	2074.9	1621.0	*	3	0620	653	99.	.0	1596.9
1	0425	54	27.	.0	1596.4	*	2	0525	354	1389.	2066.6	1621.0	*	3	0625	654	99.	.0	1596.9
1	0430	55	28.	.0	1596.4	*	2	0530	355	1388.	2058.2	1620.9	*	3	0630	655	99.	.0	1596.9
1	0435	56	29.	.0	1596.4	*	2	0535	356	1388.	2049.9	1620.9	*	3	0635	656	99.	.0	1596.9
1	0440	57	31.	.0	1596.4	*	2	0540	357	1387.	2041.5	1620.9	*	3	0640	657	99.	.0	1596.9
1	0445	58	33.	.0	1596.4	*	2	0545	358	1387.	2033.1	1620.9	*	3	0645	658	99.	.0	1596.9
1	0450	59	34.	.0	1596.4	*	2	0550	359	1386.	2024.8	1620.9	*	3	0650	659	99.	.0	1596.9
1	0455	60	35.	.0	1596.4	*	2	0555	360	1385.	2016.4	1620.8	*	3	0655	660	99.	.0	1596.9
1	0500	61	37.	.0	1596.4	*	2	0600	361	1385.	2008.0	1620.8	*	3	0700	661	99.	.0	1596.9
1	0505	62	40.	.0	1596.4	*	2	0605	362	1384.	1999.6	1620.8	*	3	0705	662	99.	.0	1596.9
1	0510	63	43.	.0	1596.5	*	2	0610	363	1384.	1991.1	1620.8	*	3	0710	663	99.	.0	1596.9
1	0515	64	48.	.0	1596.5	*	2	0615	364	1383.	1982.7	1620.7	*	3	0715	664	99.	.0	1596.9
1	0520	65	53.	.0	1596.5	*	2	0620	365	1383.	1974.3	1620.7	*	3	0720	665	99.	.0	1596.9
1	0525	66	58.	.0	1596.6	*	2	0625	366	1382.	1965.8	1620.7	*	3	0725	666	99.	.0	1596.9
1	0530	67	63.	.0	1596.6	*	2	0630	367	1381.	1957.4	1620.7	*	3	0730	667	99.	.0	1596.9
1	0535	68	104.	.0	1596.8	*	2	0635	368	1381.	1948.9	1620.7	*	3	0735	668	99.	.0	1596.9
1	0540	69	146.	.0	1597.1	*	2	0640	369	1380.	1940.4	1620.6	*	3	0740	669	99.	.0	1596.9
1	0545	70	297.	.0	1598.0	*	2	0645	370	1380.	1932.0	1620.6	*	3	0745	670	99.	.0	1596.9
1	0550	71	448.	.0	1599.0	*	2	0650	371	1379.	1923.5	1620.6	*	3	0750	671	99.	.0	1596.9
1	0555	72	516.	.7	1599.7	*	2	0655	372	1379.	1915.0	1620.6	*	3	0755	672	99.	.0	1596.9
1	0600	73	611.	2.5	1601.1	*	2	0700	373	1378.	1906.4	1620.5	*	3	0800	673	99.	.0	1596.9
1	0605	74	696.	5.2	1602.4	*	2	0705	374	1377.	1897.9	1620.5	*	3	0805	674	99.	.0	1596.9
1	0610	75	725.	8.6	1603.0	*	2	0710	375	1377.	1889.4	1620.5	*	3	0810	675	99.	.0	1596.9
1	0615	76	756.	12.2	1603.6	*	2	0715	376	1376.	1880.9	1620.5	*	3	0815	676	99.	.0	1596.9
1	0620	77	781.	15.1	1604.1	*	2	0720	377	1376.	1872.3	1620.5	*	3	0820	677	99.	.0	1596.9
1	0625	78	801.	17.4	1604.5	*	2	0725	378	1375.	1863.8	1620.4	*	3	0825	678	99.	.0	1596.9
1	0630	79	815.	19.0	1604.8	*	2	0730	379	1374.	1855.2	1620.4	*	3	0830	679	99.	.0	1596.9
1	0635	80	823.	19.9	1605.0	*	2	0735	380	1374.	1846.7	1620.4	*	3	0835	680	99.	.0	1596.9
1	0640	81	826.	20.3	1605.0	*	2	0740	381	1373.	1838.1	1620.4	*	3	0840	681	99.	.0	1596.9
1	0645	82	824.	20.1	1605.0	*	2	0745	382	1371.	1829.5	1620.3	*	3	0845	682	99.	.0	1596.9
1	0650	83	818.	19.3	1604.9	*	2	0750	383	1370.	1821.0	1620.3	*	3	0850	683	99.	.0	1596.9
1	0655	84	807.	18.1	1604.6	*	2	0755	384	1369.	1812.4	1620.2	*	3	0855	684	99.	.0	1596.9
1	0700	85	794.	16.5	1604.4	*	2	0800	385	1368.	1803.8	1620.2	*	3	0900	685	99.	.0	1596.9
1	0705	86	779.	14.9	1604.1	*	2	0805	386	1367.	1795.2	1620.2	*	3	0905	686	99.	.0	1596.9
1	0710	87	767.	13.5	1603.8	*	2	0810	387	1366.	1786.7	1620.1	*	3	0910	687	99.	.0	1596.9
1	0715	88	756.	12.2	1603.6	*	2	0815	388	1365.	1778.1	1620.1	*	3	0915	688	99.	.0	1596.9
1	0720	89	747.	11.1	1603.4	*	2	0820	389	1363.	1769.5	1620.0	*	3	0920	689	99.	.0	1596.9
1	0725	90	738.	10.1	1603.3	*	2	0825	390	1362.	1760.9	1620.0	*	3	0925	690	99.	.0	1596.9
1	0730	91	729.	9.0	1603.1	*	2	0830	391	1361.	1752.4	1620.0	*	3	0930	691	99.	.0	1596.9
1	0735	92	719.	8.0	1602.9	*	2	0835	392	1360.	1743.8	1619.9	*	3	0935	692	99.	.0	1596.9
1	0740	93	710.	6.9	1602.7	*	2	0840	393	1359.	1735.2	1619.9	*	3	0940	693	99.	.0	1596.9
1	0745	94	726.	8.7	1603.0	*	2	0845	394	1358.	1726.6	1619.8	*	3	0945	694	99.	.0	1596.9
1	0750	95	789.	16.0	1604.3	*	2	0850	395	1357.	1718.1	1619.8	*	3	0950	695	99.	.0	1596.9
1	0755	96	872.	26.3	1606.0	*	2	0855	396	1355.	1709.5	1619.8	*	3	0955	696	99.	.0	1596.9
1	0800	97	953.	37.3	1607.9	*	2	0900	397	1354.	1701.0	1619.7	*	3	1000	697	99.	.0	1596.9
1	0805	98	977.	49.6	1608.5	*	2	0905	398	1353.	1692.4	1619.7	*	3	1005	698	99.	.0	1596.9
1	0810	99	986.	63.9	1608.7	*	2	0910	399	1352.	1683.9	1619.7	*	3	1010	699	99.	.0	1596.9
1	0815	100	996.	80.3	1608.9	*	2	0915	400	1351.	1675.3	1619.6	*	3	1015	700	99.	.0	1596.9
1	0820	101	1007.	98.5	1609.2	*	2	0920	401	1350.	1666.8	1619.6	*	3	1020	701	99.	.0	1596.9
1	0825	102	1019.	117.5	1609.5	*	2	0925	402	1349.	1658.3	1619.5	*	3	1025	702	99.	.0	1596.9
1	0830	103	1030.	136.0	1609.8	*	2	0930	403	1347.	1649.7	1619.5	*	3	1030	703	99.	.0	1596.9
1	0835	104	1041.	153.9	1610.1	*	2	0935	404	1346.	1641.2	1619.5	*	3	1035	704	99.	.0	1596.9
1	0840	105	1052.	171.0	1610.4	*	2	0940	405	1345.	1632.7	1619.4	*	3	1040	705	99.	.0	1596.9
1	0845	106	1061.	187.0	1610.7	*	2	0945	406	1344.	1624.2	1619.4	*	3	1045	706	99.	.0	1596.9
1	0850	107	1071.	202.0	1610.9	*	2	0950	407	1343.	1615.7	1619.3	*	3	1050	707	99.	.0	1596.9
1	0855	108	1079.	215.8	1611.1	*	2	0955	408	1342.	1607.2	1619.3	*	3	1055	708	99.	.0	1596.9
1	0900	109	1086.	228.5	1611.3	*	2	1000	409	1341.	1598.7	1619.3	*	3	1100	709	99.	.0	1596.9
1	0905	110	1089.	240.3	1611.4	*	2	1005	410	1339.	1590.2	1619.2	*	3	1105	710	99.	.0	1596.9

1	0910	111	1092.	251.5	1611.5	*	2	1010	411	1338.	1581.7	1619.2	*	3	1110	711	99.	.0	1596.9
1	0915	112	1095.	262.3	1611.6	*	2	1015	412	1337.	1573.2	1619.2	*	3	1115	712	99.	.0	1596.9
1	0920	113	1098.	272.6	1611.6	*	2	1020	413	1336.	1564.7	1619.1	*	3	1120	713	99.	.0	1596.9
1	0925	114	1100.	283.3	1611.7	*	2	1025	414	1335.	1556.3	1619.1	*	3	1125	714	99.	.0	1596.9
1	0930	115	1103.	295.2	1611.8	*	2	1030	415	1334.	1547.8	1619.0	*	3	1130	715	99.	.0	1596.9
1	0935	116	1106.	307.6	1611.9	*	2	1035	416	1333.	1539.3	1619.0	*	3	1135	716	99.	.0	1596.9
1	0940	117	1109.	319.8	1612.0	*	2	1040	417	1331.	1530.9	1619.0	*	3	1140	717	99.	.0	1596.9
1	0945	118	1112.	331.5	1612.1	*	2	1045	418	1330.	1522.4	1618.9	*	3	1145	718	99.	.0	1596.9
1	0950	119	1115.	342.4	1612.1	*	2	1050	419	1329.	1513.9	1618.9	*	3	1150	719	99.	.0	1596.9
1	0955	120	1118.	352.4	1612.2	*	2	1055	420	1328.	1505.5	1618.8	*	3	1155	720	99.	.0	1596.9
1	1000	121	1120.	361.6	1612.3	*	2	1100	421	1327.	1497.1	1618.8	*	3	1200	721	99.	.0	1596.9
1	1005	122	1122.	370.0	1612.3	*	2	1105	422	1326.	1488.6	1618.8	*	3	1205	722	99.	.0	1596.9
1	1010	123	1124.	377.7	1612.4	*	2	1110	423	1325.	1480.2	1618.7	*	3	1210	723	99.	.0	1596.9
1	1015	124	1126.	384.7	1612.5	*	2	1115	424	1323.	1471.8	1618.7	*	3	1215	724	99.	.0	1596.9
1	1020	125	1127.	391.1	1612.5	*	2	1120	425	1322.	1463.4	1618.7	*	3	1220	725	99.	.0	1596.9
1	1025	126	1129.	396.8	1612.5	*	2	1125	426	1321.	1454.9	1618.6	*	3	1225	726	99.	.0	1596.9
1	1030	127	1130.	402.0	1612.6	*	2	1130	427	1320.	1446.5	1618.6	*	3	1230	727	99.	.0	1596.9
1	1035	128	1131.	406.7	1612.6	*	2	1135	428	1319.	1438.1	1618.5	*	3	1235	728	99.	.0	1596.9
1	1040	129	1132.	410.8	1612.6	*	2	1140	429	1318.	1429.7	1618.5	*	3	1240	729	99.	.0	1596.9
1	1045	130	1133.	414.6	1612.7	*	2	1145	430	1317.	1421.4	1618.5	*	3	1245	730	99.	.0	1596.9
1	1050	131	1134.	417.9	1612.7	*	2	1150	431	1316.	1413.0	1618.4	*	3	1250	731	99.	.0	1596.9
1	1055	132	1135.	420.9	1612.7	*	2	1155	432	1314.	1404.6	1618.4	*	3	1255	732	99.	.0	1596.9
1	1100	133	1136.	423.5	1612.7	*	2	1200	433	1313.	1396.2	1618.4	*	3	1300	733	99.	.0	1596.9
1	1105	134	1136.	425.8	1612.8	*	2	1205	434	1312.	1387.9	1618.3	*	3	1305	734	99.	.0	1596.9
1	1110	135	1137.	427.8	1612.8	*	2	1210	435	1311.	1379.5	1618.3	*	3	1310	735	99.	.0	1596.9
1	1115	136	1137.	429.5	1612.8	*	2	1215	436	1310.	1371.2	1618.2	*	3	1315	736	99.	.0	1596.9
1	1120	137	1137.	430.9	1612.8	*	2	1220	437	1309.	1362.8	1618.2	*	3	1320	737	99.	.0	1596.9
1	1125	138	1138.	432.1	1612.8	*	2	1225	438	1308.	1354.5	1618.2	*	3	1325	738	99.	.0	1596.9
1	1130	139	1138.	433.1	1612.8	*	2	1230	439	1307.	1346.2	1618.1	*	3	1330	739	99.	.0	1596.9
1	1135	140	1138.	433.9	1612.8	*	2	1235	440	1305.	1337.9	1618.1	*	3	1335	740	99.	.0	1596.9
1	1140	141	1138.	434.5	1612.8	*	2	1240	441	1304.	1329.6	1618.1	*	3	1340	741	99.	.0	1596.9
1	1145	142	1138.	435.0	1612.8	*	2	1245	442	1303.	1321.3	1618.0	*	3	1345	742	99.	.0	1596.9
1	1150	143	1139.	435.4	1612.8	*	2	1250	443	1302.	1313.0	1618.0	*	3	1350	743	99.	.0	1596.9
1	1155	144	1139.	435.8	1612.8	*	2	1255	444	1301.	1304.7	1617.9	*	3	1355	744	99.	.0	1596.9
1	1200	145	1139.	436.3	1612.8	*	2	1300	445	1300.	1296.4	1617.9	*	3	1400	745	99.	.0	1596.9
1	1205	146	1139.	437.0	1612.8	*	2	1305	446	1299.	1288.2	1617.9	*	3	1405	746	99.	.0	1596.9
1	1210	147	1139.	438.0	1612.8	*	2	1310	447	1298.	1279.9	1617.8	*	3	1410	747	99.	.0	1596.9
1	1215	148	1140.	439.7	1612.9	*	2	1315	448	1297.	1271.7	1617.8	*	3	1415	748	99.	.0	1596.9
1	1220	149	1140.	442.3	1612.9	*	2	1320	449	1295.	1263.4	1617.8	*	3	1420	749	99.	.0	1596.9
1	1225	150	1141.	446.2	1612.9	*	2	1325	450	1294.	1255.2	1617.7	*	3	1425	750	99.	.0	1596.9
1	1230	151	1143.	451.6	1612.9	*	2	1330	451	1293.	1246.9	1617.7	*	3	1430	751	99.	.0	1596.9
1	1235	152	1144.	458.8	1613.0	*	2	1335	452	1292.	1238.7	1617.6	*	3	1435	752	99.	.0	1596.9
1	1240	153	1147.	467.6	1613.1	*	2	1340	453	1291.	1230.5	1617.6	*	3	1440	753	99.	.0	1596.9
1	1245	154	1149.	478.0	1613.1	*	2	1345	454	1290.	1222.3	1617.6	*	3	1445	754	99.	.0	1596.9
1	1250	155	1152.	489.5	1613.2	*	2	1350	455	1289.	1214.1	1617.5	*	3	1450	755	99.	.0	1596.9
1	1255	156	1155.	501.7	1613.3	*	2	1355	456	1288.	1205.9	1617.5	*	3	1455	756	99.	.0	1596.9
1	1300	157	1158.	514.5	1613.4	*	2	1400	457	1287.	1197.7	1617.5	*	3	1500	757	99.	.0	1596.9
1	1305	158	1162.	527.9	1613.5	*	2	1405	458	1286.	1189.6	1617.4	*	3	1505	758	99.	.0	1596.9
1	1310	159	1165.	541.8	1613.6	*	2	1410	459	1284.	1181.4	1617.4	*	3	1510	759	99.	.0	1596.9
1	1315	160	1169.	556.4	1613.7	*	2	1415	460	1283.	1173.2	1617.3	*	3	1515	760	99.	.0	1596.9
1	1320	161	1173.	571.9	1613.8	*	2	1420	461	1281.	1165.1	1617.3	*	3	1520	761	99.	.0	1596.9
1	1325	162	1177.	588.2	1614.0	*	2	1425	462	1280.	1156.9	1617.2	*	3	1525	762	99.	.0	1596.9
1	1330	163	1181.	605.9	1614.1	*	2	1430	463	1279.	1148.8	1617.2	*	3	1530	763	99.	.0	1596.9
1	1335	164	1186.	625.1	1614.2	*	2	1435	464	1277.	1140.7	1617.1	*	3	1535	764	99.	.0	1596.9
1	1340	165	1191.	646.5	1614.4	*	2	1440	465	1276.	1132.6	1617.1	*	3	1540	765	99.	.0	1596.9
1	1345	166	1195.	670.5	1614.5	*	2	1445	466	1274.	1124.5	1617.1	*	3	1545	766	99.	.0	1596.9
1	1350	167	1200.	698.2	1614.7	*	2	1450	467	1273.	1116.4	1617.0	*	3	1550	767	99.	.0	1596.9
1	1355	168	1206.	730.6	1614.8	*	2	1455	468	1272.	1108.3	1617.0	*	3	1555	768	99.	.0	1596.9
1	1400	169	1212.	768.4	1615.0	*	2	1500	469	1270.	1100.2	1616.9	*	3	1600	769	99.	.0	1596.9
1	1405	170	1220.	811.5	1615.3	*	2	1505	470	1269.	1092.2	1616.9	*	3	1605	770	99.	.0	1596.9
1	1410	171	1228.	859.4	1615.6	*	2	1510	471	1267.	1084.1	1616.8	*	3	1610	771	99.	.0	1596.9
1	1415	172	1237.	911.2	1615.9	*	2	1515	472	1266.	1076.1	1616.8	*	3	1615	772	99.	.0	1596.9
1	1420	173	1247.	965.5	1616.2	*	2	1520	473	1265.	1068.1	1616.7	*	3	1620	773	99.	.0	1596.9
1	1425	174	1256.	1021.2	1616.5	*	2	1525	474	1263.	1060.0	1616.7	*	3	1625	774	99.	.0	1596.9
1	1430	175	1266.	1077.5	1616.8	*	2	1530	475	1262.	1052.0	1616.6	*	3	1630	775	99.	.0	1596.9
1	1435	176	1276.	1133.9	1617.1	*	2	1535	476	1260.	1044.0	1616.6	*	3	1635	776	99.	.0	1596.9
1	1440	177	1286.	1190.1	1617.4	*	2	1540	477	1259.	1036.0	1616.6	*	3	1640	777	99.	.0	1596.9
1	1445	178	1293.	1245.7	1617.7	*	2	1545	478	1258.	1028.0	1616.5	*	3	1645	778	99.	.0	1596.9
1	1450	179	1300.	1300.5	1617.9	*	2	1550	479	1256.	1020.1	1616.5	*	3	1650	779	99.	.0	1596.9
1	1455	180	1308.	1354.0	1618.2	*	2	1555	480	1255.	1012.1	1616.4	*	3	1655	780	99.	.0	1596.9
1	1500	181	1315.	1406.2	1618.4	*	2	1600	481	1253.	1004.2	1616.4	*	3	1700	781	99.	.0	1596.9
1	1505	182	1321.	1456.7	1618.6	*	2	1605	482	1252.	996.2	1616.3	*	3	1705	782	99.	.0	1596.9
1	1510	183	1328.	1505.4	1618.8	*	2	1610	483	1251.	988.3	1616.3	*	3	1710	783	99.	.0	1596.9
1	1515	184	1334.	1552.1	1619.1	*	2	1615	484	1249.	980.3	1616.2	*	3	1715	784	99.	.0	1596.9
1	1520	185	1340.	1596.9	1619.3	*	2	1620	485	1248.	972.4	1616.2	*	3	1720	785	99.	.0	1596.9
1	1525	186	1346.	1639.7	1619.5	*	2	1625	486	1246.	964.5	1616.2	*	3	1725	786	99.	.0	1596.9
1	1530	187	1352.	1680.9	1619.6	*	2	1630	487	1245.	956.6	1616.1	*	3	1730	787	99.	.0	1596.9
1	1535	188	1357.	1720.5	1619.8	*	2	1635	488	1244.	948.7	1616.1	*	3	1735	788	99.	.0	1596.9
1	1540	189	1362.	1758.7	1620.0	*	2	1640	489	1242.	940.9	1616.0	*	3	1740	789	99.	.0	1596.9
1	1545	190	1367.	1795.8	1620.2	*	2	1645	490	1241.	933.0	1616.0	*	3	1745	790	99.	.0	1596.9
1	1550	191	1372.	1831.6	1620.3	*	2	1650	491	1240.	925.1	1615.9	*	3	1750	791	99.	.0	1596.9
1	1555	192	1375.	1866.2	1620.4	*	2	1655	492	1238.	917.3	1615.9	*	3	1755	792	99.	.0	1596.9
1	1600	193	1377.	1899.6	1620.5	*	2	1700	493	1237.	909.4	1615.8	*	3	1800	793	99.	.0	1596.9
1	1605	194	1380.	1931.8	1620.6	*	2	1705	494	1235.	901.6	1615.8	*	3	1805	794	99.	.0	1596.9
1	1610	195	1382.	1962.9	1620.7	*	2	1710	495	1234.	893.8	1615.8	*	3	1810	795	99.	.0	1596.9
1	1615	196	1384.	1993.0	1620.8	*	2	1715	496	1233.	886.0	1615.7	*	3	1815	796	99.	.0	1596.9
1	1620	197	1386.	2022.0	1620.8	*	2	1720	497	1231.	878.2	1615.7	*	3	1820	797	99.	.0	1596.9
1	1625	198	1388.	2050.2	1620.9	*	2	1725	498	1230.	870.4	1615.6	*	3	1825	798	99.	.0	1596.9
1	1630	199	1390.	2077.5	1621.0	*	2	1730	499	1229.	862.6	1615.6	*	3	1830	799	99.	.0	1596.9
1	1635	200	1391.	2104.1	1621.1	*	2	1735	500	1227.	854.8	1615.5	*	3	1835	800	99.	.0	1596.9
1	1640	201	1393.	2130.1	1621.1	*	2	1740	501	1226.	847.0	1615.5	*	3	1840	801	99.	.0	1596.9
1	1645	202	1395.	2155.6	1621.2	*	2	1745	502	1225.	839.3	1615.4	*	3	1845	802	99.	.0	1596.9
1	1650	203	1397.	2180.4	1621.2	*	2	1750	503	1223.	831.5	1615.4	*	3	1850	803	99.	.0	1596.9
1	1655	204	1398.	2204.8	1621.3	*	2	1755	504	1222.	823.8	1615.4	*	3	1855	804	99.	.0	1596.9
1	1700	205	1400.	2228.7	1621.4	*	2	1800	505	1220.	816.1	1615.3	*	3	1900	805	99.	.0	1596.9
1	1705	206	1401.	2252.1	1621.4	*	2	1805	506	1219.	808.4	1615.3	*	3	1905	806	99.	.0	1596.9
1	1710	207	1403.	2274.9	1621.5	*	2	1810	507	1218.	800.6	1615.2	*	3	1910	807	99.	.0	1596.9
1	1715	208	1404.	2297.2	1621.5	*	2	1815	508	1216.	792.9	1615.2	*	3	1915	808	99.	.0	1596.9
1	1720	209	1406.	2319.0	1621.6	*	2	1820	509	1215.	785.3	1615.1	*	3	1920	809	99.	.0	1596.9
1	1725	210	1407.	2340.2	1621.7	*	2	1825	510	1214.	777.6	1615.1	*	3	1925	810	99.	.0	1596.9
1	1730	211	1409.	2361.0	1621.7	*	2	1830	511	1212.	769.9	1615.1	*	3	1930	811	99.	.0	1596.9
1	1735	212	1410.	2381.3	1621.8	*	2	1835	512	1211.	762.2	1615.0	*	3	1935	812	99.	.0	1596.9
1	1740	213	1411.	2401.3	1621.8	*	2	1840	513	1210.	754.6	1615.0	*	3	1940	813	99.	.0	1596.9
1	1745	214	1413.	2420.9	1621.9	*	2	1845	514	1208.	746.9	1614.9	*	3	1945	814	99.	.0	1596.9
1	1750	215	1414.	2440.2	1621.9	*	2	1850	515	1207.	739.3	1614.9	*	3	1950	815	99.	.0	1596.9
1	1755	216	1415.	2459.1	1622.0	*	2	1855	516	1206.	731.7	1614.8	*	3	1955	816	99.	.0	1596.9

1	1800	217	1417.	2477.6	1622.0	*	2	1900	517	1204.	724.1	1614.8	*	3	2000	817	99.	.0	1596.9
1	1805	218	1418.	2495.7	1622.1	*	2	1905	518	1203.	716.5	1614.8	*	3	2005	818	99.	.0	1596.9
1	1810	219	1419.	2513.4	1622.1	*	2	1910	519	1202.	708.9	1614.7	*	3	2010	819	99.	.0	1596.9
1	1815	220	1420.	2530.6	1622.1	*	2	1915	520	1200.	701.3	1614.7	*	3	2015	820	99.	.0	1596.9
1	1820	221	1421.	2547.1	1622.2	*	2	1920	521	1199.	693.7	1614.6	*	3	2020	821	99.	.0	1596.9
1	1825	222	1422.	2563.1	1622.2	*	2	1925	522	1198.	686.1	1614.6	*	3	2025	822	99.	.0	1596.9
1	1830	223	1423.	2578.3	1622.3	*	2	1930	523	1196.	678.5	1614.5	*	3	2030	823	99.	.0	1596.9
1	1835	224	1424.	2592.7	1622.3	*	2	1935	524	1195.	671.0	1614.5	*	3	2035	824	99.	.0	1596.9
1	1840	225	1425.	2606.4	1622.3	*	2	1940	525	1194.	663.4	1614.5	*	3	2040	825	99.	.0	1596.9
1	1845	226	1426.	2619.3	1622.4	*	2	1945	526	1192.	655.9	1614.4	*	3	2045	826	99.	.0	1596.9
1	1850	227	1427.	2631.4	1622.4	*	2	1950	527	1191.	648.4	1614.4	*	3	2050	827	99.	.0	1596.9
1	1855	228	1428.	2642.7	1622.4	*	2	1955	528	1190.	640.9	1614.3	*	3	2055	828	99.	.0	1596.9
1	1900	229	1429.	2653.3	1622.5	*	2	2000	529	1188.	633.4	1614.3	*	3	2100	829	99.	.0	1596.9
1	1905	230	1429.	2663.3	1622.5	*	2	2005	530	1186.	625.9	1614.2	*	3	2105	830	99.	.0	1596.9
1	1910	231	1430.	2672.5	1622.5	*	2	2010	531	1185.	618.4	1614.2	*	3	2110	831	99.	.0	1596.9
1	1915	232	1430.	2681.2	1622.5	*	2	2015	532	1183.	610.9	1614.1	*	3	2115	832	99.	.0	1596.9
1	1920	233	1431.	2689.2	1622.5	*	2	2020	533	1181.	603.5	1614.1	*	3	2120	833	99.	.0	1596.9
1	1925	234	1431.	2696.7	1622.6	*	2	2025	534	1179.	596.0	1614.0	*	3	2125	834	99.	.0	1596.9
1	1930	235	1432.	2703.7	1622.6	*	2	2030	535	1177.	588.6	1614.0	*	3	2130	835	99.	.0	1596.9
1	1935	236	1432.	2710.1	1622.6	*	2	2035	536	1175.	581.2	1613.9	*	3	2135	836	99.	.0	1596.9
1	1940	237	1433.	2716.0	1622.6	*	2	2040	537	1173.	573.8	1613.8	*	3	2140	837	99.	.0	1596.9
1	1945	238	1433.	2721.4	1622.6	*	2	2045	538	1171.	566.4	1613.8	*	3	2145	838	99.	.0	1596.9
1	1950	239	1434.	2726.3	1622.6	*	2	2050	539	1170.	559.0	1613.7	*	3	2150	839	99.	.0	1596.9
1	1955	240	1434.	2730.7	1622.7	*	2	2055	540	1168.	551.6	1613.7	*	3	2155	840	99.	.0	1596.9
1	2000	241	1434.	2734.6	1622.7	*	2	2100	541	1166.	544.3	1613.6	*	3	2200	841	99.	.0	1596.9
1	2005	242	1434.	2738.1	1622.7	*	2	2105	542	1164.	536.9	1613.6	*	3	2205	842	99.	.0	1596.9
1	2010	243	1435.	2741.3	1622.7	*	2	2110	543	1162.	529.6	1613.5	*	3	2210	843	99.	.0	1596.9
1	2015	244	1435.	2743.9	1622.7	*	2	2115	544	1160.	522.3	1613.5	*	3	2215	844	99.	.0	1596.9
1	2020	245	1435.	2746.0	1622.7	*	2	2120	545	1159.	515.0	1613.4	*	3	2220	845	99.	.0	1596.9
1	2025	246	1435.	2747.2	1622.7	*	2	2125	546	1157.	507.7	1613.4	*	3	2225	846	99.	.0	1596.9
1	2030	247	1435.	2747.4	1622.7	*	2	2130	547	1155.	500.4	1613.3	*	3	2230	847	99.	.0	1596.9
1	2035	248	1435.	2746.7	1622.7	*	2	2135	548	1153.	493.1	1613.3	*	3	2235	848	99.	.0	1596.9
1	2040	249	1435.	2745.6	1622.7	*	2	2140	549	1151.	485.9	1613.2	*	3	2240	849	99.	.0	1596.9
1	2045	250	1435.	2744.1	1622.7	*	2	2145	550	1149.	478.6	1613.1	*	3	2245	850	99.	.0	1596.9
1	2050	251	1435.	2742.4	1622.7	*	2	2150	551	1148.	471.4	1613.1	*	3	2250	851	99.	.0	1596.9
1	2055	252	1434.	2740.4	1622.7	*	2	2155	552	1146.	464.2	1613.0	*	3	2255	852	99.	.0	1596.9
1	2100	253	1434.	2738.1	1622.7	*	2	2200	553	1144.	457.0	1613.0	*	3	2300	853	99.	.0	1596.9
1	2105	254	1434.	2735.7	1622.7	*	2	2205	554	1142.	449.8	1612.9	*	3	2305	854	99.	.0	1596.9
1	2110	255	1434.	2733.1	1622.7	*	2	2210	555	1140.	442.6	1612.9	*	3	2310	855	99.	.0	1596.9
1	2115	256	1434.	2730.3	1622.7	*	2	2215	556	1139.	435.5	1612.8	*	3	2315	856	99.	.0	1596.9
1	2120	257	1434.	2727.4	1622.6	*	2	2220	557	1137.	428.3	1612.8	*	3	2320	857	99.	.0	1596.9
1	2125	258	1433.	2724.2	1622.6	*	2	2225	558	1135.	421.2	1612.7	*	3	2325	858	99.	.0	1596.9
1	2130	259	1433.	2720.9	1622.6	*	2	2230	559	1133.	414.0	1612.7	*	3	2330	859	99.	.0	1596.9
1	2135	260	1433.	2717.5	1622.6	*	2	2235	560	1131.	406.9	1612.6	*	3	2335	860	99.	.0	1596.9
1	2140	261	1433.	2713.8	1622.6	*	2	2240	561	1130.	399.8	1612.6	*	3	2340	861	99.	.0	1596.9
1	2145	262	1432.	2710.0	1622.6	*	2	2245	562	1128.	392.7	1612.5	*	3	2345	862	99.	.0	1596.9
1	2150	263	1432.	2706.0	1622.6	*	2	2250	563	1126.	385.7	1612.5	*	3	2350	863	99.	.0	1596.9
1	2155	264	1432.	2701.9	1622.6	*	2	2255	564	1124.	378.6	1612.4	*	3	2355	864	99.	.0	1596.9
1	2200	265	1432.	2697.6	1622.6	*	2	2300	565	1122.	371.5	1612.4	*	4	0000	865	99.	.0	1596.9
1	2205	266	1431.	2693.2	1622.6	*	2	2305	566	1121.	364.5	1612.3	*	4	0005	866	99.	.0	1596.9
1	2210	267	1431.	2688.6	1622.5	*	2	2310	567	1119.	357.5	1612.3	*	4	0010	867	99.	.0	1596.9
1	2215	268	1431.	2683.8	1622.5	*	2	2315	568	1117.	350.4	1612.2	*	4	0015	868	99.	.0	1596.9
1	2220	269	1430.	2679.0	1622.5	*	2	2320	569	1115.	343.4	1612.2	*	4	0020	869	99.	.0	1596.9
1	2225	270	1430.	2674.0	1622.5	*	2	2325	570	1114.	336.4	1612.1	*	4	0025	870	99.	.0	1596.9
1	2230	271	1430.	2668.9	1622.5	*	2	2330	571	1112.	329.5	1612.1	*	4	0030	871	99.	.0	1596.9
1	2235	272	1429.	2663.7	1622.5	*	2	2335	572	1110.	322.5	1612.0	*	4	0035	872	99.	.0	1596.9
1	2240	273	1429.	2658.4	1622.5	*	2	2340	573	1108.	315.5	1612.0	*	4	0040	873	99.	.0	1596.9
1	2245	274	1429.	2652.9	1622.5	*	2	2345	574	1107.	308.6	1611.9	*	4	0045	874	99.	.0	1596.9
1	2250	275	1428.	2647.4	1622.4	*	2	2350	575	1105.	301.7	1611.8	*	4	0050	875	99.	.0	1596.9
1	2255	276	1428.	2641.8	1622.4	*	2	2355	576	1103.	294.7	1611.8	*	4	0055	876	99.	.0	1596.9
1	2300	277	1427.	2636.0	1622.4	*	3	0000	577	1101.	287.8	1611.7	*	4	0100	877	99.	.0	1596.9
1	2305	278	1427.	2630.2	1622.4	*	3	0005	578	1100.	280.9	1611.7	*	4	0105	878	99.	.0	1596.9
1	2310	279	1427.	2624.3	1622.4	*	3	0010	579	1098.	274.0	1611.6	*	4	0110	879	99.	.0	1596.9
1	2315	280	1426.	2618.2	1622.4	*	3	0015	580	1096.	267.2	1611.6	*	4	0115	880	99.	.0	1596.9
1	2320	281	1426.	2612.1	1622.3	*	3	0020	581	1094.	260.3	1611.5	*	4	0120	881	99.	.0	1596.9
1	2325	282	1425.	2605.9	1622.3	*	3	0025	582	1093.	253.5	1611.5	*	4	0125	882	99.	.0	1596.9
1	2330	283	1425.	2599.6	1622.3	*	3	0030	583	1091.	246.6	1611.4	*	4	0130	883	99.	.0	1596.9
1	2335	284	1424.	2593.3	1622.3	*	3	0035	584	1089.	239.8	1611.4	*	4	0135	884	99.	.0	1596.9
1	2340	285	1424.	2586.9	1622.3	*	3	0040	585	1088.	233.0	1611.3	*	4	0140	885	99.	.0	1596.9
1	2345	286	1424.	2580.4	1622.3	*	3	0045	586	1086.	226.2	1611.3	*	4	0145	886	99.	.0	1596.9
1	2350	287	1423.	2573.8	1622.3	*	3	0050	587	1081.	219.4	1611.2	*	4	0150	887	99.	.0	1596.9
1	2355	288	1423.	2567.2	1622.2	*	3	0055	588	1077.	212.6	1611.1	*	4	0155	888	99.	.0	1596.9
2	0000	289	1422.	2560.5	1622.2	*	3	0100	589	1073.	205.9	1611.0	*	4	0200	889	99.	.0	1596.9
2	0005	290	1422.	2553.8	1622.2	*	3	0105	590	1069.	199.2	1610.9	*	4	0205	890	99.	.0	1596.9
2	0010	291	1421.	2547.1	1622.2	*	3	0110	591	1065.	192.6	1610.7	*	4	0210	891	99.	.0	1596.9
2	0015	292	1421.	2540.3	1622.2	*	3	0115	592	1061.	185.9	1610.6	*	4	0215	892	99.	.0	1596.9
2	0020	293	1420.	2533.5	1622.1	*	3	0120	593	1057.	179.3	1610.5	*	4	0220	893	99.	.0	1596.9
2	0025	294	1420.	2526.7	1622.1	*	3	0125	594	1053.	172.7	1610.4	*	4	0225	894	99.	.0	1596.9
2	0030	295	1420.	2519.8	1622.1	*	3	0130	595	1049.	166.2	1610.3	*	4	0230	895	99.	.0	1596.9
2	0035	296	1419.	2512.9	1622.1	*	3	0135	596	1045.	159.7	1610.2	*	4	0235	896	99.	.0	1596.9
2	0040	297	1419.	2506.0	1622.1	*	3	0140	597	1041.	153.2	1610.1	*	4	0240	897	99.	.0	1596.9
2	0045	298	1418.	2499.1	1622.1	*	3	0145	598	1037.	146.7	1610.0	*	4	0245	898	99.	.0	1596.9
2	0050	299	1418.	2492.1	1622.0	*	3	0150	599	1033.	140.2	1609.9	*	4	0250	899	99.	.0	1596.9
2	0055	300	1417.	2485.1	1622.0	*	3	0155	600	1029.	133.8	1609.8	*	4	0255	900	99.	.0	1596.9
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1435.	20.50		1430.	1382.	830.	798.
		(INCHES)	.069	.268	.483	.483
		(AC-FT)	709.	2740.	4941.	4942.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	74.92-HR
+ (AC-FT)	(HR)				
2747.	20.50	2669.	2079.	833.	800.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	74.92-HR
+ (FEET)	(HR)				
1622.69	20.50	1622.50	1620.75	1609.44	1608.93

CUMULATIVE AREA = 191.93 SQ MI

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          *            *
174 KK    *     CBD-O  *
          *            *
          **************

175 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

             HYDROGRAPH ROUTING DATA

176 RS          STORAGE ROUTING
                     NSTPS          1  NUMBER OF SUBREACHES
                      ITYP       FLOW  TYPE OF INITIAL CONDITION
                    RSVRIC      -1.00  INITIAL CONDITION
                         X        .00 WORKING R AND D COEFFICIENT

177 SV            STORAGE         .0     250.0     698.9    1079.8    1654.2    1840.1    2240.2    2648.9    9400.0   13000.0
                            17500.0   23000.0   29200.0   37000.0   46000.0

179 SE          ELEVATION     1560.70   1595.00   1600.00   1605.00   1610.00   1615.00   1620.00   1625.00   1630.00   1635.00
                              1640.00   1645.00   1650.00   1655.00   1660.00

181 SQ          DISCHARGE          0.      132.      215.      243.      268.      290.      311.      330.      347.      365.
                                 381.      398.      413.      428.      442.      455.      468.      481.      493.

183 SE          ELEVATION     1560.70   1570.00   1580.00   1585.00   1590.00   1595.00   1600.00   1605.00   1610.00   1615.00
                              1620.00   1625.00   1630.00   1635.00   1640.00   1645.00   1650.00   1655.00   1660.00

                                                          ***

                                      COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

          STORAGE        .00     67.78    140.67    177.11    213.56    250.00    698.90   1079.80   1654.20   1840.10
          OUTFLOW        .00    132.00    215.00    243.00    268.00    290.00    311.00    330.00    347.00    365.00
        ELEVATION    1560.70   1570.00   1580.00   1585.00   1590.00   1595.00   1600.00   1605.00   1610.00   1615.00

          STORAGE    2240.20   2648.90   9400.00  13000.00  17500.00  23000.00  29200.00  37000.00  46000.00
          OUTFLOW     381.00    398.00    413.00    428.00    442.00    455.00    468.00    481.00    493.00
        ELEVATION    1620.00   1625.00   1630.00   1635.00   1640.00   1645.00   1650.00   1655.00   1660.00
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                                                HYDROGRAPH AT STATION     CBD-O
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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1560.7	2		0100	301	343.	1518.7	1608.8	3		0200	601	400.	3356.7	1625.5
1		0005	2	0.	.0	1560.7	2		0105	302	343.	1526.1	1608.9	3		0205	602	400.	3361.0	1625.5
1		0010	3	0.	.0	1560.7	2		0110	303	343.	1533.5	1608.9	3		0210	603	400.	3365.3	1625.5
1		0015	4	0.	.0	1560.7	2		0115	304	344.	1540.8	1609.0	3		0215	604	400.	3369.5	1625.5
1		0020	5	0.	.0	1560.7	2		0120	305	344.	1548.2	1609.1	3		0220	605	400.	3373.7	1625.5
1		0025	6	0.	.0	1560.7	2		0125	306	344.	1555.6	1609.1	3		0225	606	400.	3377.9	1625.5
1		0030	7	0.	.0	1560.7	2		0130	307	344.	1563.0	1609.2	3		0230	607	400.	3382.1	1625.5
1		0035	8	0.	.0	1560.7	2		0135	308	345.	1570.3	1609.3	3		0235	608	400.	3386.2	1625.5
1		0040	9	0.	.1	1560.7	2		0140	309	345.	1577.7	1609.3	3		0240	609	400.	3390.3	1625.5
1		0045	10	0.	.1	1560.7	2		0145	310	345.	1585.0	1609.4	3		0245	610	400.	3394.4	1625.6
1		0050	11	0.	.1	1560.7	2		0150	311	345.	1592.4	1609.5	3		0250	611	400.	3398.5	1625.6
1		0055	12	0.	.1	1560.7	2		0155	312	345.	1599.7	1609.5	3		0255	612	400.	3402.5	1625.6
1		0100	13	0.	.2	1560.7	2		0200	313	346.	1607.1	1609.6	3		0300	613	400.	3406.5	1625.6
1		0105	14	0.	.2	1560.7	2		0205	314	346.	1614.4	1609.7	3		0305	614	400.	3410.5	1625.6
1		0110	15	0.	.2	1560.7	2		0210	315	346.	1621.7	1609.7	3		0310	615	400.	3414.4	1625.6
1		0115	16	1.	.3	1560.7	2		0215	316	346.	1629.1	1609.8	3		0315	616	400.	3418.2	1625.6
1		0120	17	1.	.3	1560.7	2		0220	317	346.	1636.4	1609.8	3		0320	617	400.	3421.8	1625.6
1		0125	18	1.	.3	1560.7	2		0225	318	347.	1643.7	1609.9	3		0325	618	400.	3425.0	1625.6
1		0130	19	1.	.4	1560.7	2		0230	319	347.	1651.0	1610.0	3		0330	619	400.	3428.0	1625.6
1		0135	20	1.	.4	1560.8	2		0235	320	347.	1658.3	1610.1	3		0335	620	400.	3430.7	1625.6
1		0140	21	1.	.4	1560.8	2		0240	321	348.	1665.6	1610.3	3		0340	621	400.	3433.2	1625.6
1		0145	22	1.	.5	1560.8	2		0245	322	349.	1672.9	1610.5	3		0345	622	400.	3435.3	1625.6
1		0150	23	1.	.5	1560.8	2		0250	323	350.	1680.2	1610.7	3		0350	623	400.	3436.9	1625.6
1		0155	24	1.	.5	1560.8	2		0255	324	350.	1687.4	1610.9	3		0355	624	400.	3436.5	1625.6
1		0200	25	1.	.6	1560.8	2		0300	325	351.	1694.7	1611.1	3		0400	625	400.	3434.4	1625.6
1		0205	26	1.	.6	1560.8	2		0305	326	352.	1701.9	1611.3	3		0405	626	400.	3432.3	1625.6
1		0210	27	1.	.7	1560.8	2		0310	327	352.	1709.2	1611.5	3		0410	627	400.	3430.3	1625.6
1		0215	28	1.	.8	1560.8	2		0315	328	353.	1716.4	1611.7	3		0415	628	400.	3428.2	1625.6
1		0220	29	2.	.8	1560.8	2		0320	329	354.	1723.7	1611.9	3		0420	629	400.	3426.1	1625.6
1		0225	30	2.	.9	1560.8	2		0325	330	354.	1730.9	1612.1	3		0425	630	400.	3424.1	1625.6
1		0230	31	2.	1.0	1560.8	2		0330	331	355.	1738.1	1612.3	3		0430	631	400.	3422.0	1625.6
1		0235	32	2.	1.0	1560.8	2		0335	332	356.	1745.3	1612.4	3		0435	632	400.	3419.9	1625.6
1		0240	33	2.	1.1	1560.9	2		0340	333	357.	1752.5	1612.6	3		0440	633	400.	3417.8	1625.6
1		0245	34	2.	1.2	1560.9	2		0345	334	357.	1759.7	1612.8	3		0445	634	400.	3415.8	1625.6
1		0250	35	3.	1.3	1560.9	2		0350	335	358.	1766.8	1613.0	3		0450	635	400.	3413.7	1625.6
1		0255	36	3.	1.4	1560.9	2		0355	336	359.	1774.0	1613.2	3		0455	636	400.	3411.6	1625.6
1		0300	37	3.	1.5	1560.9	2		0400	337	359.	1781.2	1613.4	3		0500	637	400.	3409.6	1625.6
1		0305	38	3.	1.5	1560.9	2		0405	338	360.	1788.3	1613.6	3		0505	638	400.	3407.5	1625.6
1		0310	39	3.	1.6	1560.9	2		0410	339	361.	1795.5	1613.8	3		0510	639	400.	3405.4	1625.6
1		0315	40	3.	1.7	1560.9	2		0415	340	361.	1802.6	1614.0	3		0515	640	400.	3403.3	1625.6
1		0320	41	4.	1.8	1560.9	2		0420	341	362.	1809.7	1614.2	3		0520	641	400.	3401.3	1625.6
1		0325	42	4.	1.9	1561.0	2		0425	342	363.	1816.8	1614.4	3		0525	642	400.	3399.2	1625.6
1		0330	43	4.	2.0	1561.0	2		0430	343	363.	1823.9	1614.6	3		0530	643	400.	3397.1	1625.6
1		0335	44	4.	2.1	1561.0	2		0435	344	364.	1831.0	1614.8	3		0535	644	400.	3395.1	1625.6
1		0340	45	4.	2.2	1561.0	2		0440	345	365.	1838.1	1614.9	3		0540	645	400.	3393.0	1625.6
1		0345	46	5.	2.3	1561.0	2		0445	346	365.	1845.2	1615.1	3		0545	646	400.	3390.9	1625.5
1		0350	47	5.	2.4	1561.0	2		0450	347	365.	1852.3	1615.2	3		0550	647	400.	3388.8	1625.5
1		0355	48	5.	2.5	1561.0	2		0455	348	366.	1859.4	1615.2	3		0555	648	400.	3386.8	1625.5

1	0400	49	5.	2.6	1561.1	*	2	0500	349	366.	1866.4	1615.3	*	3	0600	649	400.	3384.7	1625.5
1	0405	50	5.	2.8	1561.1	*	2	0505	350	366.	1873.5	1615.4	*	3	0605	650	400.	3382.6	1625.5
1	0410	51	6.	2.9	1561.1	*	2	0510	351	367.	1880.6	1615.5	*	3	0610	651	400.	3380.6	1625.5
1	0415	52	6.	3.0	1561.1	*	2	0515	352	367.	1887.6	1615.6	*	3	0615	652	400.	3378.5	1625.5
1	0420	53	6.	3.1	1561.1	*	2	0520	353	367.	1894.6	1615.7	*	3	0620	653	400.	3376.4	1625.5
1	0425	54	6.	3.3	1561.1	*	2	0525	354	367.	1901.7	1615.8	*	3	0625	654	400.	3374.4	1625.5
1	0430	55	7.	3.4	1561.2	*	2	0530	355	368.	1908.7	1615.9	*	3	0630	655	400.	3372.3	1625.5
1	0435	56	7.	3.5	1561.2	*	2	0535	356	368.	1915.7	1615.9	*	3	0635	656	400.	3370.2	1625.5
1	0440	57	7.	3.7	1561.2	*	2	0540	357	368.	1922.8	1616.0	*	3	0640	657	400.	3368.1	1625.5
1	0445	58	8.	3.9	1561.2	*	2	0545	358	369.	1929.8	1616.1	*	3	0645	658	400.	3366.1	1625.5
1	0450	59	8.	4.0	1561.3	*	2	0550	359	369.	1936.8	1616.2	*	3	0650	659	400.	3364.0	1625.5
1	0455	60	8.	4.2	1561.3	*	2	0555	360	369.	1943.8	1616.3	*	3	0655	660	400.	3361.9	1625.5
1	0500	61	9.	4.4	1561.3	*	2	0600	361	369.	1950.8	1616.4	*	3	0700	661	400.	3359.9	1625.5
1	0505	62	9.	4.6	1561.3	*	2	0605	362	370.	1957.8	1616.5	*	3	0705	662	400.	3357.8	1625.5
1	0510	63	9.	4.8	1561.4	*	2	0610	363	370.	1964.7	1616.6	*	3	0710	663	400.	3355.7	1625.5
1	0515	64	10.	5.1	1561.4	*	2	0615	364	370.	1971.7	1616.6	*	3	0715	664	400.	3353.7	1625.5
1	0520	65	10.	5.4	1561.4	*	2	0620	365	371.	1978.7	1616.7	*	3	0720	665	400.	3351.6	1625.5
1	0525	66	11.	5.7	1561.5	*	2	0625	366	371.	1985.7	1616.8	*	3	0725	666	400.	3349.5	1625.5
1	0530	67	12.	6.0	1561.5	*	2	0630	367	371.	1992.6	1616.9	*	3	0730	667	400.	3347.4	1625.5
1	0535	68	13.	6.5	1561.6	*	2	0635	368	371.	1999.6	1617.0	*	3	0735	668	400.	3345.4	1625.5
1	0540	69	14.	7.3	1561.7	*	2	0640	369	372.	2006.5	1617.1	*	3	0740	669	400.	3343.3	1625.5
1	0545	70	17.	8.7	1561.9	*	2	0645	370	372.	2013.5	1617.2	*	3	0745	670	400.	3341.2	1625.5
1	0550	71	22.	11.1	1562.2	*	2	0650	371	372.	2020.4	1617.3	*	3	0750	671	400.	3339.2	1625.5
1	0555	72	28.	14.3	1562.7	*	2	0655	372	372.	2027.3	1617.3	*	3	0755	672	400.	3337.1	1625.5
1	0600	73	35.	17.9	1563.2	*	2	0700	373	373.	2034.3	1617.4	*	3	0800	673	400.	3335.0	1625.5
1	0605	74	43.	22.2	1563.7	*	2	0705	374	373.	2041.2	1617.5	*	3	0805	674	400.	3333.0	1625.5
1	0610	75	52.	26.7	1564.4	*	2	0710	375	373.	2048.1	1617.6	*	3	0810	675	400.	3330.9	1625.5
1	0615	76	61.	31.4	1565.0	*	2	0715	376	374.	2055.0	1617.7	*	3	0815	676	400.	3328.8	1625.5
1	0620	77	71.	36.3	1565.7	*	2	0720	377	374.	2061.9	1617.8	*	3	0820	677	400.	3326.7	1625.5
1	0625	78	80.	41.2	1566.4	*	2	0725	378	374.	2068.8	1617.9	*	3	0825	678	400.	3324.7	1625.5
1	0630	79	90.	46.2	1567.0	*	2	0730	379	374.	2075.7	1617.9	*	3	0830	679	399.	3322.6	1625.5
1	0635	80	100.	51.2	1567.7	*	2	0735	380	375.	2082.6	1618.0	*	3	0835	680	399.	3320.5	1625.5
1	0640	81	109.	56.1	1568.4	*	2	0740	381	375.	2089.5	1618.1	*	3	0840	681	399.	3318.5	1625.5
1	0645	82	119.	61.0	1569.1	*	2	0745	382	375.	2096.3	1618.2	*	3	0845	682	399.	3316.4	1625.5
1	0650	83	128.	65.8	1569.7	*	2	0750	383	376.	2103.2	1618.3	*	3	0850	683	399.	3314.3	1625.5
1	0655	84	135.	70.5	1570.4	*	2	0755	384	376.	2110.0	1618.4	*	3	0855	684	399.	3312.3	1625.5
1	0700	85	140.	75.1	1571.0	*	2	0800	385	376.	2116.9	1618.5	*	3	0900	685	399.	3310.2	1625.5
1	0705	86	145.	79.5	1571.6	*	2	0805	386	376.	2123.7	1618.5	*	3	0905	686	399.	3308.1	1625.5
1	0710	87	150.	83.8	1572.2	*	2	0810	387	377.	2130.5	1618.6	*	3	0910	687	399.	3306.1	1625.5
1	0715	88	155.	88.0	1572.8	*	2	0815	388	377.	2137.3	1618.7	*	3	0915	688	399.	3304.0	1625.5
1	0720	89	160.	92.1	1573.3	*	2	0820	389	377.	2144.1	1618.8	*	3	0920	689	399.	3301.9	1625.5
1	0725	90	164.	96.1	1573.9	*	2	0825	390	377.	2150.9	1618.9	*	3	0925	690	399.	3299.8	1625.5
1	0730	91	169.	100.0	1574.4	*	2	0830	391	378.	2157.7	1619.0	*	3	0930	691	399.	3297.8	1625.5
1	0735	92	173.	103.8	1574.9	*	2	0835	392	378.	2164.4	1619.1	*	3	0935	692	399.	3295.7	1625.5
1	0740	93	177.	107.5	1575.5	*	2	0840	393	378.	2171.2	1619.1	*	3	0940	693	399.	3293.6	1625.5
1	0745	94	181.	111.2	1576.0	*	2	0845	394	379.	2178.0	1619.2	*	3	0945	694	399.	3291.6	1625.5
1	0750	95	186.	115.2	1576.5	*	2	0850	395	379.	2184.7	1619.3	*	3	0950	695	399.	3289.5	1625.5
1	0755	96	191.	119.6	1577.1	*	2	0855	396	379.	2191.4	1619.4	*	3	0955	696	399.	3287.4	1625.5
1	0800	97	197.	124.6	1577.8	*	2	0900	397	379.	2198.1	1619.5	*	3	1000	697	399.	3285.4	1625.5
1	0805	98	203.	129.8	1578.5	*	2	0905	398	380.	2204.9	1619.6	*	3	1005	698	399.	3283.3	1625.5
1	0810	99	209.	135.2	1579.2	*	2	0910	399	380.	2211.6	1619.6	*	3	1010	699	399.	3281.2	1625.5
1	0815	100	215.	140.5	1580.0	*	2	0915	400	380.	2218.2	1619.7	*	3	1015	700	399.	3279.2	1625.5
1	0820	101	219.	145.9	1580.7	*	2	0920	401	380.	2224.9	1619.8	*	3	1020	701	399.	3277.1	1625.5
1	0825	102	223.	151.4	1581.5	*	2	0925	402	381.	2231.6	1619.9	*	3	1025	702	399.	3275.0	1625.5
1	0830	103	227.	156.9	1582.2	*	2	0930	403	381.	2238.3	1620.0	*	3	1030	703	399.	3272.9	1625.5
1	0835	104	232.	162.5	1583.0	*	2	0935	404	381.	2244.9	1620.1	*	3	1035	704	399.	3270.9	1625.5
1	0840	105	236.	168.1	1583.8	*	2	0940	405	381.	2251.5	1620.1	*	3	1040	705	399.	3268.8	1625.5
1	0845	106	240.	173.7	1584.5	*	2	0945	406	382.	2258.2	1620.2	*	3	1045	706	399.	3266.7	1625.5
1	0850	107	245.	179.4	1585.3	*	2	0950	407	382.	2264.8	1620.3	*	3	1050	707	399.	3264.7	1625.5
1	0855	108	248.	185.1	1586.1	*	2	0955	408	382.	2271.4	1620.4	*	3	1055	708	399.	3262.6	1625.5
1	0900	109	252.	190.8	1586.9	*	2	1000	409	383.	2278.0	1620.5	*	3	1100	709	399.	3260.5	1625.5
1	0905	110	256.	196.5	1587.7	*	2	1005	410	383.	2284.6	1620.5	*	3	1105	710	399.	3258.5	1625.5
1	0910	111	260.	202.3	1588.5	*	2	1010	411	383.	2291.2	1620.6	*	3	1110	711	399.	3256.4	1625.4
1	0915	112	264.	208.0	1589.2	*	2	1015	412	383.	2297.8	1620.7	*	3	1115	712	399.	3254.3	1625.4
1	0920	113	268.	213.7	1590.0	*	2	1020	413	384.	2304.3	1620.8	*	3	1120	713	399.	3252.3	1625.4
1	0925	114	272.	219.4	1590.8	*	2	1025	414	384.	2310.9	1620.9	*	3	1125	714	399.	3250.2	1625.4
1	0930	115	275.	225.1	1591.6	*	2	1030	415	384.	2317.4	1620.9	*	3	1130	715	399.	3248.1	1625.4
1	0935	116	278.	230.8	1592.4	*	2	1035	416	384.	2324.0	1621.0	*	3	1135	716	399.	3246.1	1625.4
1	0940	117	282.	236.5	1593.2	*	2	1040	417	385.	2330.5	1621.1	*	3	1140	717	399.	3244.0	1625.4
1	0945	118	285.	242.2	1593.9	*	2	1045	418	385.	2337.0	1621.2	*	3	1145	718	399.	3241.9	1625.4
1	0950	119	289.	247.9	1594.7	*	2	1050	419	385.	2343.5	1621.3	*	3	1150	719	399.	3239.9	1625.4
1	0955	120	290.	253.6	1595.0	*	2	1055	420	386.	2350.0	1621.3	*	3	1155	720	399.	3237.8	1625.4
1	1000	121	290.	259.3	1595.1	*	2	1100	421	386.	2356.5	1621.4	*	3	1200	721	399.	3235.7	1625.4
1	1005	122	291.	265.0	1595.2	*	2	1105	422	386.	2363.0	1621.5	*	3	1205	722	399.	3233.6	1625.4
1	1010	123	291.	270.8	1595.2	*	2	1110	423	386.	2369.4	1621.6	*	3	1210	723	399.	3231.6	1625.4
1	1015	124	291.	276.5	1595.3	*	2	1115	424	387.	2375.9	1621.7	*	3	1215	724	399.	3229.5	1625.4
1	1020	125	292.	282.3	1595.4	*	2	1120	425	387.	2382.3	1621.7	*	3	1220	725	399.	3227.4	1625.4
1	1025	126	292.	288.0	1595.4	*	2	1125	426	387.	2388.8	1621.8	*	3	1225	726	399.	3225.4	1625.4
1	1030	127	292.	293.8	1595.5	*	2	1130	427	387.	2395.2	1621.9	*	3	1230	727	399.	3223.3	1625.4
1	1035	128	292.	299.6	1595.6	*	2	1135	428	388.	2401.6	1622.0	*	3	1235	728	399.	3221.2	1625.4
1	1040	129	293.	305.4	1595.6	*	2	1140	429	388.	2408.0	1622.1	*	3	1240	729	399.	3219.2	1625.4
1	1045	130	293.	311.1	1595.7	*	2	1145	430	388.	2414.4	1622.1	*	3	1245	730	399.	3217.1	1625.4
1	1050	131	293.	316.9	1595.7	*	2	1150	431	389.	2420.8	1622.2	*	3	1250	731	399.	3215.0	1625.4
1	1055	132	293.	322.7	1595.8	*	2	1155	432	389.	2427.2	1622.3	*	3	1255	732	399.	3213.0	1625.4
1	1100	133	294.	328.5	1595.9	*	2	1200	433	389.	2433.6	1622.4	*	3	1300	733	399.	3210.9	1625.4
1	1105	134	294.	334.3	1595.9	*	2	1205	434	389.	2439.9	1622.4	*	3	1305	734	399.	3208.8	1625.4
1	1110	135	294.	340.1	1596.0	*	2	1210	435	390.	2446.3	1622.5	*	3	1310	735	399.	3206.8	1625.4
1	1115	136	294.	345.9	1596.1	*	2	1215	436	390.	2452.6	1622.6	*	3	1315	736	399.	3204.7	1625.4
1	1120	137	295.	351.7	1596.1	*	2	1220	437	390.	2458.9	1622.7	*	3	1320	737	399.	3202.6	1625.4
1	1125	138	295.	357.5	1596.2	*	2	1225	438	390.	2465.3	1622.8	*	3	1325	738	399.	3200.6	1625.4
1	1130	139	295.	363.3	1596.3	*	2	1230	439	391.	2471.6	1622.8	*	3	1330	739	399.	3198.5	1625.4
1	1135	140	296.	369.1	1596.3	*	2	1235	440	391.	2477.9	1622.9	*	3	1335	740	399.	3196.4	1625.4
1	1140	141	296.	374.9	1596.4	*	2	1240	441	391.	2484.2	1623.0	*	3	1340	741	399.	3194.4	1625.4
1	1145	142	296.	380.7	1596.5	*	2	1245	442	391.	2490.5	1623.1	*	3	1345	742	399.	3192.3	1625.4
1	1150	143	296.	386.5	1596.5	*	2	1250	443	392.	2496.7	1623.1	*	3	1350	743	399.	3190.2	1625.4
1	1155	144	297.	392.3	1596.6	*	2	1255	444	392.	2503.0	1623.2	*	3	1355	744	399.	3188.2	1625.4
1	1200	145	297.	398.1	1596.6	*	2	1300	445	392.	2509.3	1623.3	*	3	1400	745	399.	3186.1	1625.4
1	1205	146	297.	403.9	1596.7	*	2	1305	446	392.	2515.5	1623.4	*	3	1405	746	399.	3184.0	1625.4
1	1210	147	297.	409.7	1596.8	*	2	1310	447	393.	2521.7	1623.4	*	3	1410	747	399.	3182.0	1625.4
1	1215	148	298.	415.5	1596.8	*	2	1315	448	393.	2528.0	1623.5	*	3	1415	748	399.	3179.9	1625.4
1	1220	149	298.	421.3	1596.9	*	2	1320	449	393.	2534.2	1623.6	*	3	1420	749	399.	3177.8	1625.4
1	1225	150	298.	427.1	1597.0	*	2	1325	450	393.	2540.4	1623.7	*	3	1425	750	399.	3175.7	1625.4
1	1230	151	299.	432.9	1597.0	*	2	1330	451	394.	2546.6	1623.7	*	3	1430	751	399.	3173.7	1625.4
1	1235	152	299.	438.8	1597.1	*	2	1335	452	394.	2552.8	1623.8	*	3	1435	752	399.	3171.6	1625.4
1	1240	153	299.	444.6	1597.2	*	2	1340	453	394.	2559.0	1623.9	*	3	1440	753	399.	3169.5	1625.4
1	1245	154	299.	450.4	1597.2	*	2	1345	454	395.	2565.1	1624.0	*	3	1445	754	399.	3167.5	1625.4

1	1250	155	300.	456.3	1597.3	*	2	1350	455	395.	2571.3	1624.1	*	3	1450	755	399.	3165.4	1625.4
1	1255	156	300.	462.2	1597.4	*	2	1355	456	395.	2577.5	1624.1	*	3	1455	756	399.	3163.3	1625.4
1	1300	157	300.	468.1	1597.4	*	2	1400	457	395.	2583.6	1624.2	*	3	1500	757	399.	3161.3	1625.4
1	1305	158	300.	474.0	1597.5	*	2	1405	458	396.	2589.7	1624.3	*	3	1505	758	399.	3159.2	1625.4
1	1310	159	301.	479.9	1597.6	*	2	1410	459	396.	2595.9	1624.4	*	3	1510	759	399.	3157.1	1625.4
1	1315	160	301.	485.9	1597.6	*	2	1415	460	396.	2602.0	1624.4	*	3	1515	760	399.	3155.1	1625.4
1	1320	161	301.	491.9	1597.7	*	2	1420	461	396.	2608.1	1624.5	*	3	1520	761	399.	3153.0	1625.4
1	1325	162	302.	497.9	1597.8	*	2	1425	462	397.	2614.2	1624.6	*	3	1525	762	399.	3150.9	1625.4
1	1330	163	302.	504.0	1597.8	*	2	1430	463	397.	2620.2	1624.6	*	3	1530	763	399.	3148.9	1625.4
1	1335	164	302.	510.0	1597.9	*	2	1435	464	397.	2626.3	1624.7	*	3	1535	764	399.	3146.8	1625.4
1	1340	165	302.	516.1	1598.0	*	2	1440	465	397.	2632.4	1624.8	*	3	1540	765	399.	3144.7	1625.4
1	1345	166	303.	522.3	1598.0	*	2	1445	466	398.	2638.4	1624.9	*	3	1545	766	399.	3142.7	1625.4
1	1350	167	303.	528.4	1598.1	*	2	1450	467	398.	2644.5	1624.9	*	3	1550	767	399.	3140.6	1625.4
1	1355	168	303.	534.6	1598.2	*	2	1455	468	398.	2650.5	1625.0	*	3	1555	768	399.	3138.5	1625.4
1	1400	169	304.	540.9	1598.2	*	2	1500	469	398.	2656.5	1625.0	*	3	1600	769	399.	3136.5	1625.4
1	1405	170	304.	547.1	1598.3	*	2	1505	470	398.	2662.5	1625.0	*	3	1605	770	399.	3134.4	1625.4
1	1410	171	304.	553.5	1598.4	*	2	1510	471	398.	2668.5	1625.0	*	3	1610	771	399.	3132.3	1625.4
1	1415	172	304.	559.9	1598.5	*	2	1515	472	398.	2674.5	1625.0	*	3	1615	772	399.	3130.3	1625.4
1	1420	173	305.	566.3	1598.5	*	2	1520	473	398.	2680.4	1625.0	*	3	1620	773	399.	3128.2	1625.4
1	1425	174	305.	572.8	1598.6	*	2	1525	474	398.	2686.4	1625.0	*	3	1625	774	399.	3126.1	1625.4
1	1430	175	305.	579.4	1598.7	*	2	1530	475	398.	2692.3	1625.0	*	3	1630	775	399.	3124.1	1625.4
1	1435	176	306.	586.1	1598.7	*	2	1535	476	398.	2698.3	1625.0	*	3	1635	776	399.	3122.0	1625.4
1	1440	177	306.	592.8	1598.8	*	2	1540	477	398.	2704.2	1625.0	*	3	1640	777	399.	3119.9	1625.3
1	1445	178	306.	599.6	1598.9	*	2	1545	478	398.	2710.1	1625.0	*	3	1645	778	399.	3117.9	1625.3
1	1450	179	307.	606.4	1599.0	*	2	1550	479	398.	2716.1	1625.0	*	3	1650	779	399.	3115.8	1625.3
1	1455	180	307.	613.2	1599.0	*	2	1555	480	398.	2722.0	1625.1	*	3	1655	780	399.	3113.7	1625.3
1	1500	181	307.	620.2	1599.1	*	2	1600	481	398.	2727.9	1625.1	*	3	1700	781	399.	3111.7	1625.3
1	1505	182	308.	627.1	1599.2	*	2	1605	482	398.	2733.7	1625.1	*	3	1705	782	399.	3109.6	1625.3
1	1510	183	308.	634.1	1599.3	*	2	1610	483	398.	2739.6	1625.1	*	3	1710	783	399.	3107.5	1625.3
1	1515	184	308.	641.2	1599.4	*	2	1615	484	398.	2745.5	1625.1	*	3	1715	784	399.	3105.5	1625.3
1	1520	185	309.	648.3	1599.4	*	2	1620	485	398.	2751.3	1625.1	*	3	1720	785	399.	3103.4	1625.3
1	1525	186	309.	655.4	1599.5	*	2	1625	486	398.	2757.2	1625.1	*	3	1725	786	399.	3101.3	1625.3
1	1530	187	309.	662.5	1599.6	*	2	1630	487	398.	2763.0	1625.1	*	3	1730	787	399.	3099.3	1625.3
1	1535	188	310.	669.7	1599.7	*	2	1635	488	398.	2768.9	1625.1	*	3	1735	788	399.	3097.2	1625.3
1	1540	189	310.	677.0	1599.8	*	2	1640	489	398.	2774.7	1625.1	*	3	1740	789	399.	3095.1	1625.3
1	1545	190	310.	684.2	1599.8	*	2	1645	490	398.	2780.5	1625.1	*	3	1745	790	399.	3093.1	1625.3
1	1550	191	311.	691.5	1599.9	*	2	1650	491	398.	2786.3	1625.1	*	3	1750	791	399.	3091.0	1625.3
1	1555	192	311.	698.8	1600.0	*	2	1655	492	398.	2792.1	1625.1	*	3	1755	792	399.	3089.0	1625.3
1	1600	193	311.	706.2	1600.1	*	2	1700	493	398.	2797.8	1625.1	*	3	1800	793	399.	3086.9	1625.3
1	1605	194	312.	713.5	1600.2	*	2	1705	494	398.	2803.6	1625.1	*	3	1805	794	399.	3084.8	1625.3
1	1610	195	312.	720.9	1600.3	*	2	1710	495	398.	2809.4	1625.1	*	3	1810	795	399.	3082.8	1625.3
1	1615	196	312.	728.3	1600.4	*	2	1715	496	398.	2815.1	1625.1	*	3	1815	796	399.	3080.7	1625.3
1	1620	197	313.	735.6	1600.5	*	2	1720	497	398.	2820.9	1625.1	*	3	1820	797	399.	3078.6	1625.3
1	1625	198	313.	743.0	1600.6	*	2	1725	498	398.	2826.6	1625.1	*	3	1825	798	399.	3076.6	1625.3
1	1630	199	314.	750.4	1600.7	*	2	1730	499	398.	2832.3	1625.1	*	3	1830	799	399.	3074.5	1625.3
1	1635	200	314.	757.8	1600.8	*	2	1735	500	398.	2838.0	1625.1	*	3	1835	800	399.	3072.4	1625.3
1	1640	201	314.	765.3	1600.9	*	2	1740	501	398.	2843.7	1625.1	*	3	1840	801	399.	3070.4	1625.3
1	1645	202	315.	772.7	1601.0	*	2	1745	502	398.	2849.4	1625.1	*	3	1845	802	399.	3068.3	1625.3
1	1650	203	315.	780.2	1601.1	*	2	1750	503	398.	2855.1	1625.2	*	3	1850	803	399.	3066.2	1625.3
1	1655	204	315.	787.6	1601.2	*	2	1755	504	398.	2860.8	1625.2	*	3	1855	804	399.	3064.2	1625.3
1	1700	205	316.	795.1	1601.3	*	2	1800	505	398.	2866.5	1625.2	*	3	1900	805	399.	3062.1	1625.3
1	1705	206	316.	802.5	1601.4	*	2	1805	506	398.	2872.1	1625.2	*	3	1905	806	399.	3060.0	1625.3
1	1710	207	317.	810.0	1601.5	*	2	1810	507	399.	2877.8	1625.2	*	3	1910	807	399.	3058.0	1625.3
1	1715	208	317.	817.5	1601.6	*	2	1815	508	399.	2883.4	1625.2	*	3	1915	808	399.	3055.9	1625.3
1	1720	209	317.	825.0	1601.7	*	2	1820	509	399.	2889.0	1625.2	*	3	1920	809	399.	3053.8	1625.3
1	1725	210	318.	832.5	1601.8	*	2	1825	510	399.	2894.6	1625.2	*	3	1925	810	399.	3051.8	1625.3
1	1730	211	318.	840.0	1601.9	*	2	1830	511	399.	2900.3	1625.2	*	3	1930	811	399.	3049.7	1625.3
1	1735	212	318.	847.5	1602.0	*	2	1835	512	399.	2905.9	1625.2	*	3	1935	812	399.	3047.6	1625.3
1	1740	213	319.	855.0	1602.0	*	2	1840	513	399.	2911.4	1625.2	*	3	1940	813	399.	3045.6	1625.3
1	1745	214	319.	862.6	1602.1	*	2	1845	514	399.	2917.0	1625.2	*	3	1945	814	399.	3043.5	1625.3
1	1750	215	320.	870.1	1602.2	*	2	1850	515	399.	2922.6	1625.2	*	3	1950	815	399.	3041.4	1625.3
1	1755	216	320.	877.6	1602.3	*	2	1855	516	399.	2928.2	1625.2	*	3	1955	816	399.	3039.4	1625.3
1	1800	217	320.	885.2	1602.4	*	2	1900	517	399.	2933.7	1625.2	*	3	2000	817	399.	3037.3	1625.3
1	1805	218	321.	892.7	1602.5	*	2	1905	518	399.	2939.3	1625.2	*	3	2005	818	399.	3035.2	1625.3
1	1810	219	321.	900.3	1602.6	*	2	1910	519	399.	2944.8	1625.2	*	3	2010	819	399.	3033.2	1625.3
1	1815	220	321.	907.9	1602.7	*	2	1915	520	399.	2950.3	1625.2	*	3	2015	820	399.	3031.1	1625.3
1	1820	221	322.	915.4	1602.8	*	2	1920	521	399.	2955.8	1625.2	*	3	2020	821	399.	3029.1	1625.3
1	1825	222	322.	923.0	1602.9	*	2	1925	522	399.	2961.4	1625.2	*	3	2025	822	399.	3027.0	1625.3
1	1830	223	323.	930.6	1603.0	*	2	1930	523	399.	2966.8	1625.2	*	3	2030	823	399.	3024.9	1625.3
1	1835	224	323.	938.2	1603.1	*	2	1935	524	399.	2972.3	1625.2	*	3	2035	824	399.	3022.9	1625.3
1	1840	225	323.	945.8	1603.2	*	2	1940	525	399.	2977.8	1625.2	*	3	2040	825	399.	3020.8	1625.3
1	1845	226	324.	953.4	1603.3	*	2	1945	526	399.	2983.3	1625.2	*	3	2045	826	399.	3018.7	1625.3
1	1850	227	324.	961.0	1603.4	*	2	1950	527	399.	2988.8	1625.3	*	3	2050	827	399.	3016.7	1625.3
1	1855	228	324.	968.6	1603.5	*	2	1955	528	399.	2994.2	1625.3	*	3	2055	828	399.	3014.6	1625.3
1	1900	229	325.	976.2	1603.6	*	2	2000	529	399.	2999.6	1625.3	*	3	2100	829	399.	3012.5	1625.3
1	1905	230	325.	983.8	1603.7	*	2	2005	530	399.	3005.1	1625.3	*	3	2105	830	399.	3010.5	1625.3
1	1910	231	326.	991.4	1603.8	*	2	2010	531	399.	3010.5	1625.3	*	3	2110	831	399.	3008.4	1625.3
1	1915	232	326.	999.0	1603.9	*	2	2015	532	399.	3015.9	1625.3	*	3	2115	832	399.	3006.3	1625.3
1	1920	233	326.	1006.6	1604.0	*	2	2020	533	399.	3021.3	1625.3	*	3	2120	833	399.	3004.3	1625.3
1	1925	234	327.	1014.2	1604.1	*	2	2025	534	399.	3026.7	1625.3	*	3	2125	834	399.	3002.2	1625.3
1	1930	235	327.	1021.8	1604.2	*	2	2030	535	399.	3032.0	1625.3	*	3	2130	835	399.	3000.1	1625.3
1	1935	236	327.	1029.4	1604.3	*	2	2035	536	399.	3037.4	1625.3	*	3	2135	836	399.	2998.1	1625.3
1	1940	237	328.	1037.0	1604.4	*	2	2040	537	399.	3042.7	1625.3	*	3	2140	837	399.	2996.0	1625.3
1	1945	238	328.	1044.6	1604.5	*	2	2045	538	399.	3048.1	1625.3	*	3	2145	838	399.	2993.9	1625.3
1	1950	239	329.	1052.2	1604.6	*	2	2050	539	399.	3053.4	1625.3	*	3	2150	839	399.	2991.9	1625.3
1	1955	240	329.	1059.8	1604.7	*	2	2055	540	399.	3058.7	1625.3	*	3	2155	840	399.	2989.8	1625.3
1	2000	241	329.	1067.4	1604.8	*	2	2100	541	399.	3064.0	1625.3	*	3	2200	841	399.	2987.8	1625.3
1	2005	242	330.	1075.1	1604.9	*	2	2105	542	399.	3069.2	1625.3	*	3	2205	842	399.	2985.7	1625.2
1	2010	243	330.	1082.7	1605.0	*	2	2110	543	399.	3074.5	1625.3	*	3	2210	843	399.	2983.6	1625.2
1	2015	244	330.	1090.3	1605.1	*	2	2115	544	399.	3079.8	1625.3	*	3	2215	844	399.	2981.6	1625.2
1	2020	245	331.	1097.9	1605.2	*	2	2120	545	399.	3085.0	1625.3	*	3	2220	845	399.	2979.5	1625.2
1	2025	246	331.	1105.5	1605.2	*	2	2125	546	399.	3090.2	1625.3	*	3	2225	846	399.	2977.4	1625.2
1	2030	247	331.	1113.1	1605.3	*	2	2130	547	399.	3095.4	1625.3	*	3	2230	847	399.	2975.4	1625.2
1	2035	248	331.	1120.7	1605.4	*	2	2135	548	399.	3100.6	1625.3	*	3	2235	848	399.	2973.3	1625.2
1	2040	249	331.	1128.3	1605.4	*	2	2140	549	399.	3105.8	1625.3	*	3	2240	849	399.	2971.2	1625.2
1	2045	250	332.	1135.9	1605.5	*	2	2145	550	399.	3111.0	1625.3	*	3	2245	850	399.	2969.2	1625.2
1	2050	251	332.	1143.5	1605.6	*	2	2150	551	399.	3116.2	1625.3	*	3	2250	851	399.	2967.1	1625.2
1	2055	252	332.	1151.1	1605.6	*	2	2155	552	399.	3121.3	1625.3	*	3	2255	852	399.	2965.0	1625.2
1	2100	253	332.	1158.7	1605.7	*	2	2200	553	399.	3126.4	1625.4	*	3	2300	853	399.	2963.0	1625.2
1	2105	254	333.	1166.2	1605.8	*	2	2205	554	399.	3131.6	1625.4	*	3	2305	854	399.	2960.9	1625.2
1	2110	255	333.	1173.8	1605.8	*	2	2210	555	399.	3136.7	1625.4	*	3	2310	855	399.	2958.9	1625.2
1	2115	256	333.	1181.4	1605.9	*	2	2215	556	399.	3141.8	1625.4	*	3	2315	856	399.	2956.8	1625.2
1	2120	257	333.	1189.0	1606.0	*	2	2220	557	399.	3146.9	1625.4	*	3	2320	857	399.	2954.7	1625.2
1	2125	258	333.	1196.6	1606.0	*	2	2225	558	399.	3151.9	1625.4	*	3	2325	858	399.	2952.7	1625.2
1	2130	259	334.	1204.1	1606.1	*	2	2230	559	399.	3157.0	1625.4	*	3	2330	859	399.	2950.6	1625.2
1	2135	260	334.	1211.7	1606.1	*	2	2235	560	399.	3162.0	1625.4	*	3	2335	860	399.	2948.5	1625.2

1	2140	261	334.	1219.3	1606.2	*	2	2240	561	399.	3167.1	1625.4	*	3	2340	861	399.	2946.5	1625.2
1	2145	262	334.	1226.8	1606.3	*	2	2245	562	399.	3172.1	1625.4	*	3	2345	862	399.	2944.4	1625.2
1	2150	263	335.	1234.4	1606.3	*	2	2250	563	399.	3177.1	1625.4	*	3	2350	863	399.	2942.3	1625.2
1	2155	264	335.	1242.0	1606.4	*	2	2255	564	399.	3182.1	1625.4	*	3	2355	864	399.	2940.3	1625.2
1	2200	265	335.	1249.5	1606.5	*	2	2300	565	399.	3187.1	1625.4	*	4	0000	865	399.	2938.2	1625.2
1	2205	266	335.	1257.1	1606.5	*	2	2305	566	399.	3192.1	1625.4	*	4	0005	866	399.	2936.2	1625.2
1	2210	267	335.	1264.6	1606.6	*	2	2310	567	399.	3197.0	1625.4	*	4	0010	867	399.	2934.1	1625.2
1	2215	268	336.	1272.2	1606.7	*	2	2315	568	399.	3202.0	1625.4	*	4	0015	868	399.	2932.0	1625.2
1	2220	269	336.	1279.7	1606.7	*	2	2320	569	399.	3206.9	1625.4	*	4	0020	869	399.	2930.0	1625.2
1	2225	270	336.	1287.2	1606.8	*	2	2325	570	399.	3211.9	1625.4	*	4	0025	870	399.	2927.9	1625.2
1	2230	271	336.	1294.8	1606.9	*	2	2330	571	399.	3216.8	1625.4	*	4	0030	871	399.	2925.8	1625.2
1	2235	272	337.	1302.3	1606.9	*	2	2335	572	399.	3221.7	1625.4	*	4	0035	872	399.	2923.8	1625.2
1	2240	273	337.	1309.8	1607.0	*	2	2340	573	399.	3226.6	1625.4	*	4	0040	873	399.	2921.7	1625.2
1	2245	274	337.	1317.3	1607.1	*	2	2345	574	399.	3231.4	1625.4	*	4	0045	874	399.	2919.6	1625.2
1	2250	275	337.	1324.8	1607.1	*	2	2350	575	399.	3236.3	1625.4	*	4	0050	875	399.	2917.6	1625.2
1	2255	276	337.	1332.4	1607.2	*	2	2355	576	399.	3241.2	1625.4	*	4	0055	876	399.	2915.5	1625.2
1	2300	277	338.	1339.9	1607.3	*	3	0000	577	399.	3246.0	1625.4	*	4	0100	877	399.	2913.5	1625.2
1	2305	278	338.	1347.4	1607.3	*	3	0005	578	399.	3250.8	1625.4	*	4	0105	878	399.	2911.4	1625.2
1	2310	279	338.	1354.9	1607.4	*	3	0010	579	399.	3255.6	1625.4	*	4	0110	879	399.	2909.3	1625.2
1	2315	280	338.	1362.4	1607.5	*	3	0015	580	399.	3260.4	1625.5	*	4	0115	880	399.	2907.3	1625.2
1	2320	281	339.	1369.8	1607.5	*	3	0020	581	399.	3265.2	1625.5	*	4	0120	881	399.	2905.2	1625.2
1	2325	282	339.	1377.3	1607.6	*	3	0025	582	399.	3270.0	1625.5	*	4	0125	882	399.	2903.1	1625.2
1	2330	283	339.	1384.8	1607.7	*	3	0030	583	399.	3274.8	1625.5	*	4	0130	883	399.	2901.1	1625.2
1	2335	284	339.	1392.3	1607.7	*	3	0035	584	399.	3279.5	1625.5	*	4	0135	884	399.	2899.0	1625.2
1	2340	285	339.	1399.8	1607.8	*	3	0040	585	399.	3284.3	1625.5	*	4	0140	885	399.	2897.0	1625.2
1	2345	286	340.	1407.2	1607.9	*	3	0045	586	399.	3289.0	1625.5	*	4	0145	886	399.	2894.9	1625.2
1	2350	287	340.	1414.7	1607.9	*	3	0050	587	399.	3293.7	1625.5	*	4	0150	887	399.	2892.8	1625.2
1	2355	288	340.	1422.2	1608.0	*	3	0055	588	399.	3298.4	1625.5	*	4	0155	888	399.	2890.8	1625.2
2	0000	289	340.	1429.6	1608.0	*	3	0100	589	399.	3303.1	1625.5	*	4	0200	889	399.	2888.7	1625.2
2	0005	290	341.	1437.1	1608.1	*	3	0105	590	399.	3307.7	1625.5	*	4	0205	890	399.	2886.6	1625.2
2	0010	291	341.	1444.5	1608.2	*	3	0110	591	399.	3312.3	1625.5	*	4	0210	891	399.	2884.6	1625.2
2	0015	292	341.	1451.9	1608.2	*	3	0115	592	399.	3316.9	1625.5	*	4	0215	892	399.	2882.5	1625.2
2	0020	293	341.	1459.4	1608.3	*	3	0120	593	399.	3321.4	1625.5	*	4	0220	893	399.	2880.4	1625.2
2	0025	294	341.	1466.8	1608.4	*	3	0125	594	400.	3325.9	1625.5	*	4	0225	894	399.	2878.4	1625.2
2	0030	295	342.	1474.2	1608.4	*	3	0130	595	400.	3330.4	1625.5	*	4	0230	895	399.	2876.3	1625.2
2	0035	296	342.	1481.6	1608.5	*	3	0135	596	400.	3334.9	1625.5	*	4	0235	896	399.	2874.3	1625.2
2	0040	297	342.	1489.1	1608.6	*	3	0140	597	400.	3339.3	1625.5	*	4	0240	897	398.	2872.2	1625.2
2	0045	298	342.	1496.5	1608.6	*	3	0145	598	400.	3343.7	1625.5	*	4	0245	898	398.	2870.1	1625.2
2	0050	299	343.	1503.9	1608.7	*	3	0150	599	400.	3348.1	1625.5	*	4	0250	899	398.	2868.1	1625.2
2	0055	300	343.	1511.3	1608.8	*	3	0155	600	400.	3352.4	1625.5	*	4	0255	900	398.	2866.0	1625.2
						*							*						

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
400.	51.83	(CFS)	400.	399.	349.	335.
		(INCHES)	.019	.077	.203	.203
		(AC-FT)	198.	792.	2076.	2076.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	74.92-HR
3437.	51.83	3392.	3237.	2155.	2071.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	74.92-HR
1625.58	51.83	1625.55	1625.44	1613.68	1611.62

CUMULATIVE AREA = 191.93 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	CC	8825.	14.58	5016.	1594.	534.	142.29		
HYDROGRAPH AT	AW	3657.	8.33	1691.	655.	277.	30.64		
2 COMBINED AT	C550	9262.	14.58	5512.	2247.	811.	172.93		
HYDROGRAPH AT	EAST	501.	13.50	163.	47.	19.	19.00		
2 COMBINED AT	CCD-I	9465.	14.58	5650.	2294.	830.	191.93		
ROUTED TO	CCD-O	1435.	20.50	1430.	1382.	830.	191.93		
								1622.69	20.50
ROUTED TO	CBD-O	400.	51.83	400.	399.	349.	191.93		
								1625.58	51.83

*** NORMAL END OF HEC-1 ***

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1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN   1998              *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   07MAR01  TIME  09:47:35  *
*                                      *
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*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X        XXXXX X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX        XXX
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

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1                                    HEC-1 INPUT                                    PAGE  1

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

    1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File: EXCBD-2.IH1
    2           ID           By: Stantec Consulting, Inc.                   Original: 07/22/99
    3           ID         For: Flood Control District of Maricopa County   Revised:
    4           ID
    5           ID        This is an existing condition model of the total inflow to Cave Buttes
    6           ID        Dam.  Inflow hydrographs for Cave Creek and Apache Wash are developed
    7           ID        from the following:
    8           ID
    9           ID        Cave Creek Watershed at Cave Buttes Dam
   10           ID           Combined HEC-1 models from:
   11           ID              1.  George V. Sabol Consulting Engineers FCD 95-28
   12           ID                  Cave Creek Watershed at the Carefree Highway
   13           ID                  Original model dated 06-17-96 by mcg
   14           ID                  GVSCE Project No. 84
   15           ID
   16           ID              2.  Willdan Associates FCD 95-30
   17           ID                  Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   18           ID                  Original model dated 11-29-96
   19           ID                  Willdan Project No. 08855
   20           ID
   21           ID        Model Basis:
   22           ID           2-year, 24-hr rainfall with SCS Type II distribution
   23           ID           Green & Ampt Loss Rate Method
   24           ID           NMIN = 5
   25           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   26           ID           Clark Unit Hydrograph
   27           ID           Modified Puls channel storage routing
   28           ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Company
   29           ID
   30           ID        Apache Wash Watershed at Cave Buttes Dam
   31           ID           Jerry Jones and Associates, Inc. FCD 89-66
   32           ID           Apache Wash Flood Insurance Study
   33           ID           Original model dated 2-15-89
   34           ID
   35           ID        Model Basis:
   36           ID           2-year, 24-hr rainfall with SCS Type IIA distribution
   37           ID           SCS Curve Number with RTIMP
   38           ID           NMIN = 10
   39           ID           SCS dimensionless unit hydrograph
   40           ID
   41           ID
   42           ID        The remaining portion of the Cave Buttes Dam watershed is modeled as a
   43           ID        single basin for existing conditions and is based on the following:
   44           ID           2-year, 24-hour rainfall with SCS Type II distribution
   45           ID           Green & Ampt Loss Rate Method
   46           ID           NMIN = 5
   47           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   48           ID           USGS 7.5 Minutes Series Quadrangle Maps
   49           ID
                *
   50           IT       5                    900
   51           IO       5
   52           IN       5
                *
1                                    HEC-1 INPUT                                    PAGE  2

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   53           KK      CC
   54           KM         Inflow hydrograph at Cave Buttes Dam from Cave Creek
   55           BA  142.29
   56           QI       0       0       0       0       0       0       0       0       0       0
   57           QI       0       0       0       0       0       0       0       0       0       0
   58           QI       0       0       0       0       0       0       0       0       0       0
   59           QI       0       0       0       0       0       0       0       0       0       0
   60           QI       0       1       1       1       1       1       1       1       1       1
   61           QI       1       1       1       1       1       2       2       2       2       2
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  62        QI      2      2      2      2      3      3      3      3      3      3
  63        QI      3      3      4      4      4      4      4      4      5      5
  64        QI      5      5      5      5      6      6      6      6      7      7
  65        QI      7      7      8      8      8      8      9      9     10     10
  66        QI     10     11     11     12     12     13     14     15     17     19
  67        QI     21     23     24     26     28     29     31     32     33     35
  68        QI     36     37     39     40     42     43     45     48     50     53
  69        QI     56     59     62     66     70     73     77     81     85     89
  70        QI     93     99    105    114    124    137    153    178    214    267
  71        QI    353    476    628    813   1017   1195   1338   1437   1500   1543
  72        QI   1587   1643   1712   1798   1907   2044   2223   2463   2768   3123
  73        QI   3566   4137   4746   5241   5613   5891   6107   6255   6344   6374
  74        QI   6354   6306   6237   6146   6037   5915   5785   5651   5512   5372
  75        QI   5235   5102   4975   4855   4743   4640   4543   4454   4372   4297
  76        QI   4224   4154   4086   4021   3957   3897   3839   3785   3736   3694
  77        QI   3653   3604   3547   3482   3410   3332   3250   3163   3075   2985
  78        QI   2893   2800   2707   2614   2522   2432   2344   2260   2180   2106
  79        QI   2040   1977   1918   1858   1798   1737   1675   1611   1542   1457
  80        QI   1342   1186   1039    942    889    852    823    797    774    753
  81        QI    734    716    698    681    664    645    626    607    588    570
  82        QI    552    536    522    508    494    480    465    451    437    424
  83        QI    412    399    388    377    366    356    346    337    329    322
  84        QI    315    309    303    298    293    288    284    280    276    272
  85        QI    268    264    260    254    249    244    239    234    229    224
  86        QI    219    215    210    206    202    197    193    189    185    181
  87        QI    177    173    169    165    161    157    153    149    146    142
  88        QI    138    134    130    127    123    119    116    113    110    108
  89        QI    106    105    103    100     98     95     92     89     86     83
  90        QI     81     78     75     73     71     69     67     65     64     63
  91        QI     62     60     59     58     57     56     55     53     52     51
  92        QI     49     48     46     45     43     42     41     40     39     37
  93        QI     36     34     33     32     30     29     27     26     24     23
  94        QI     22     21     20     19     18     17     17     16     16     16
  95        QI     15     15     14     14     14     13     13     12     12     11
  96        QI     10     10      9      9      8      8      7      7      6      6
  97        QI      5      5      5      4      4      4      3      3      3      3
  98        QI      2      2      2      2      2      1      1      1      1      1
  99        QI      1      1      1      1      1      1      1      1      0      0
 100        IN     10
            *
1                                    HEC-1 INPUT                                          PAGE  3

LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 101        KK     AW
 102        KM        Inflow hydrograph to Cave Buttes Dam from Apache Wash
 103        BA  30.64
 104        QI      0      0      0      0      0      0      0      0      0      0
 105        QI      0      0      0      0      0      0      0      0      0      0
 106        QI      0      0      0      0      0      0      0      0      0      0
 107        QI      0      0      0      0     35    244    696   1002    917    766
 108        QI    652    512    391    336    430    419    394    357   1086   1935
 109        QI   2659   3120   2946   2726   2471   2228   2077   2371   2529   2316
 110        QI   2092   1888   1706   1544   1405   1286   1181   1087   1002    927
 111        QI    862    805    755    712    676    645    614    583    554    530
 112        QI    511    495    481    468    456    443    428    413    429    483
 113        QI    534    540    500    457    424    395    371    356    353    365
 114        QI    393    433    469    493    507    512    520    535    557    593
 115        QI    616    592    552    511    477    452    428    397    363    332
 116        QI    308    323    356    338    315    294    275    257    240    224
 117        QI    209    196    183    172    161    151    142    133    125    118
 118        QI    112    106    100     95     91      0
 119        IN      5
            *

 120        KK   C550
 121        KO      1                                 21
 122        KM        Total inflow from Apache Wash and Cave Creek
 123        HC      2
            *

 124        KK   EAST
 125        KM        Inflow hydrograph to Cave Buttes Dam from Apache Wash
 126        BA  16.96
 127        QI      0      0      0      0      0      0      0      0      0      0
 128        QI      0      0      0      0      0      1      1      1      1      1
 129        QI      1      1      1      1      1      1      1      1      1      1
 130        QI      1      1      1      1      1      1      1      1      1      1
 131        QI      1      1      1      1      1      1      1      2      2      2
 132        QI      2      2      2      2      2      2      2      2      2      2
 133        QI      2      2      2      2      2      2      2      2      2      2
 134        QI      2      2      2      2      2      2      2      2      2      2
 135        QI      2      2      2      2      2      2      2      2      2      2
 136        QI      2      2      2      2      2      2      2      2      2      2
 137        QI      2      2      3      3      3      3      3      3      3      3
 138        QI      3      3      3      3      3      3      3      3      3      4
 139        QI      4      4      4      4      4      4      4      4      4      4
 140        QI      4      5      5      5      5      5      6      7      8     15
 141        QI     22     31     43     66     94    119    155    198    244    286
 142        QI    325    361    392    418    439    450    454    452    440    421
 143        QI    397    369    338    306    278    251    228    206    187    169
 144        QI    153    138    125    113    102     94     84     77     70     63
 145        QI     56     50     47     43     39     35     32     29     25     21
 146        QI     17     16     16     16     16     16     16     15     15     15
 147        QI     13     12     10      8      6      4      3      3      3      3
 148        QI      3      3      3      3      3      3      3      3      3      3
 149        QI      3      3      3      3      2      2      2      2      2      2
 150        QI      2      2      2      2      2      2      2      2      2      2
1                                    HEC-1 INPUT                                          PAGE  4

LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 151        QI      2      2      2      2      2      2      2      2      2      2
 152        QI      2      2      2      2      2      2      2      2      2      2
 153        QI      2      2      2      2      2      2      2      2      2      2
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154          QI      2      2      2      2      2      2      2      2      2      2
155          QI      2      2      2      2      2      2      2      2      2      2
156          QI      1      1      1      1      1      1      1      1      1      1
157          QI      1      1      1      1      1      1      1      1      0      0
158          QI      0      0      0      0      0      0      0      0      0      0
159          QI      0      0      0      0      0      0      0      0      0      0
160          QI      0      0      0      0      0      0      0      0      0      0
161          QI      0      0      0      0      0      0      0      0      0      0
162          QI      0      0      0      0      0      0      0      0      0      0
163          QI      0      0      0      0      0      0      0      0      0      0
164          QI      0      0      0      0      0      0      0      0      0      0
165          QI      0      0      0      0      0      0      0      0      0      0
166          QI      0      0      0      0      0      0      0      0      0      0
167          QI      0      0      0      0      0      0      0      0      0      0
168          QI      0      0      0      0      0      0      0      0      0      0
169          QI      0      0      0      0      0      0      0      0      0      0
170          QI      0      0      0      0      0      0      0      0      0      0
171          QI      0      0      0      0      0      0      0      0      0      0
             *

172          KK   CCD-I
173          KO      1                                21
174          KM       Total inflow to Cave Creek Dam
175          HC      2
             *

176          KK   CCD-O
177          KO      1
178          RS      1    FLOW     -1
179          SV      0       0    4.0   21.9   39.8  226.9  635.9 1185.2 1848.2 4239.0
180          SV 4629.6  5003.6 5377.6 5751.6   6244   6754   7264   7774   8284   8800
181          SE 1596.2  1599.2 1602.2 1605.3 1608.3 1611.3 1614.3 1617.4 1620.4 1626.5
182          SE 1627.3  1628.2 1629.0 1629.9 1630.7 1631.6 1632.4 1633.3 1634.1 1635.0
183          SQ      0    483    685    840    971   1086   1189   1285   1374   1536
184          SQ   1807   2890   4504   6555   9006  11837  15037  18601  22525  26560
185          SE 1596.2  1599.2 1602.2 1605.3 1608.3 1611.3 1614.3 1617.4 1620.4 1626.5
186          SE 1627.3  1628.2  1629. 1629.9 1630.7 1631.6 1632.4 1633.3 1634.1 1635.0
             *

187          KK   CBD-O
188          KO      1
189          RS      1    FLOW     -1
190          SV      0    250   698.9 1079.8 1654.2 1840.1 2240.2 2648.9   9400  13000
191          SV  17500  23000  29200  37000  46000
192          SE 1560.7   1595   1600   1605   1610   1615   1620   1625   1630   1635
193          SE   1640   1645   1650   1655   1660
194          SQ      0    132    215    243    268    290    311    330    347    365
195          SQ    381    398    413    428    442    455    468    481    493
196          SE 1560.7   1570   1580   1585   1590   1595   1600   1605   1610   1615
197          SE   1620   1625   1630   1635   1640   1645   1650   1655   1660
             *

198          ZZ
```

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1*************************************                    *************************************
*                                   *                    *                                   *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                 *   U.S. ARMY CORPS OF ENGINEERS    *
*              JUN   1998           *                    *   HYDROLOGIC ENGINEERING CENTER   *
*           VERSION 4.1             *                    *         609 SECOND STREET         *
*                                   *                    *      DAVIS, CALIFORNIA 95616      *
*  RUN DATE   07MAR01  TIME  09:47:35 *                  *          (916) 756-1104           *
*                                   *                    *                                   *
*************************************                    *************************************
```

```
Upper Cave Creek/Apache Wash Watercourse Master Plan  File: EXCBD-2.IH1
   By: Stantec Consulting, Inc.                    Original: 07/22/99
  For: Flood Control District of Maricopa County   Revised:

This is an existing condition model of the total inflow to Cave Buttes
Dam.  Inflow hydrographs for Cave Creek and Apache Wash are developed
from the following:

Cave Creek Watershed at Cave Buttes Dam
   Combined HEC-1 models from:
      1.  George V. Sabol Consulting Engineers FCD 95-28
          Cave Creek Watershed at the Carefree Highway
          Original model dated 06-17-96 by mcg
          GVSCE Project No. 84

      2.  Willdan Associates FCD 95-30
          Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
          Original model dated 11-29-96
          Willdan Project No. 08855

Model Basis:
   2-year, 24-hr rainfall with SCS Type II distribution
   Green & Ampt Loss Rate Method
   NMIN = 5
   Phoenix Mountain and Desert/Rangeland S-Graph
   Clark Unit Hydrograph
   Modified Puls channel storage routing
   200 Scale 2' CI mapping of study reach by Aerial Mapping Company

Apache Wash Watershed at Cave Buttes Dam
   Jerry Jones and Associates, Inc. FCD 89-66
   Apache Wash Flood Insurance Study
   Original model dated 2-15-89

Model Basis:
   2-year, 24-hr rainfall with SCS Type IIA distribution
   SCS Curve Number with RTIMP
   NMIN = 10
   SCS dimensionless unit hydrograph
```

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                    The remaining portion of the Cave Buttes Dam watershed is modeled as a
                    single basin for existing conditions and is based on the following:
                       2-year, 24-hour rainfall with SCS Type II distribution
                       Green & Ampt Loss Rate Method
                       NMIN = 5
                       Phoenix Mountain and Desert/Rangeland S-Graph
                       USGS 7.5 Minutes Series Quadrangle Maps

 51 IO        OUTPUT CONTROL VARIABLES
                    IPRNT          5  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE

    IT        HYDROGRAPH TIME DATA
                     NMIN          5  MINUTES IN COMPUTATION INTERVAL
                    IDATE      1   0  STARTING DATE
                    ITIME       0000  STARTING TIME
                       NQ        900  NUMBER OF HYDROGRAPH ORDINATES
                   NDDATE      4   0  ENDING DATE
                   NDTIME       0255  ENDING TIME
                    ICENT         19  CENTURY MARK

              COMPUTATION INTERVAL     .08 HOURS
                   TOTAL TIME BASE   74.92 HOURS

        ENGLISH UNITS
             DRAINAGE AREA          SQUARE MILES
             PRECIPITATION DEPTH    INCHES
             LENGTH, ELEVATION      FEET
             FLOW                   CUBIC FEET PER SECOND
             STORAGE VOLUME         ACRE-FEET
             SURFACE AREA           ACRES
             TEMPERATURE            DEGREES FAHRENHEIT


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
120 KK      *      C550  *
            *            *
            **************

121 KO        OUTPUT CONTROL VARIABLES
                    IPRNT          1  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE
                    IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                     IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                    ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                    ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                   TIMINT       .083  TIME INTERVAL IN HOURS

                    Total inflow from Apache Wash and Cave Creek

123 HC        HYDROGRAPH COMBINATION
                    ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                   ***

*****************************************************************************************************************************

                                        HYDROGRAPH AT STATION     C550
                                           SUM OF  2 HYDROGRAPHS

*****************************************************************************************************************************
```

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2964.	2		1330	451	92.	3		0815	676	92.
1		0005	2	0.	1		1850	227	2855.	2		1335	452	92.	3		0820	677	92.
1		0010	3	0.	1		1855	228	2754.	2		1340	453	92.	3		0825	678	92.
1		0015	4	0.	1		1900	229	2657.	2		1345	454	92.	3		0830	679	92.
1		0020	5	0.	1		1905	230	2571.	2		1350	455	92.	3		0835	680	92.
1		0025	6	0.	1		1910	231	2492.	2		1355	456	92.	3		0840	681	92.
1		0030	7	0.	1		1915	232	2417.	2		1400	457	92.	3		0845	682	92.
1		0035	8	0.	1		1920	233	2346.	2		1405	458	92.	3		0850	683	92.
1		0040	9	0.	1		1925	234	2271.	2		1410	459	92.	3		0855	684	92.
1		0045	10	0.	1		1930	235	2195.	2		1415	460	92.	3		0900	685	92.
1		0050	11	0.	1		1935	236	2117.	2		1420	461	92.	3		0905	686	92.
1		0055	12	0.	1		1940	237	2038.	2		1425	462	92.	3		0910	687	92.
1		0100	13	0.	1		1945	238	1959.	2		1430	463	92.	3		0915	688	92.
1		0105	14	0.	1		1950	239	1874.	2		1435	464	92.	3		0920	689	92.
1		0110	15	0.	1		1955	240	1777.	2		1440	465	92.	3		0925	690	92.
1		0115	16	0.	1		2000	241	1650.	2		1445	466	92.	3		0930	691	92.
1		0120	17	0.	1		2005	242	1502.	2		1450	467	92.	3		0935	692	92.
1		0125	18	0.	1		2010	243	1362.	2		1455	468	92.	3		0940	693	92.
1		0130	19	0.	1		2015	244	1282.	2		1500	469	92.	3		0945	694	92.
1		0135	20	0.	1		2020	245	1245.	2		1505	470	92.	3		0950	695	92.
1		0140	21	0.	1		2025	246	1199.	2		1510	471	92.	3		0955	696	92.
1		0145	22	0.	1		2030	247	1161.	2		1515	472	92.	3		1000	697	92.
1		0150	23	0.	1		2035	248	1124.	2		1520	473	92.	3		1005	698	92.
1		0155	24	0.	1		2040	249	1089.	2		1525	474	92.	3		1010	699	92.
1		0200	25	0.	1		2045	250	1058.	2		1530	475	92.	3		1015	700	92.
1		0205	26	0.	1		2050	251	1028.	2		1535	476	92.	3		1020	701	92.
1		0210	27	0.	1		2055	252	1001.	2		1540	477	92.	3		1025	702	92.
1		0215	28	0.	1		2100	253	973.	2		1545	478	92.	3		1030	703	92.
1		0220	29	0.	1		2105	254	947.	2		1550	479	92.	3		1035	704	92.
1		0225	30	0.	1		2110	255	921.	2		1555	480	92.	3		1040	705	92.
1		0230	31	0.	1		2115	256	894.	2		1600	481	92.	3		1045	706	92.
1		0235	32	0.	1		2120	257	866.	2		1605	482	92.	3		1050	707	92.
1		0240	33	0.	1		2125	258	839.	2		1610	483	92.	3		1055	708	92.

1	0245	34	0.	*	1	2130	259	812.	*	2	1615	484	92.	*	3	1100	709	92.
1	0250	35	0.	*	1	2135	260	787.	*	2	1620	485	92.	*	3	1105	710	92.
1	0255	36	0.	*	1	2140	261	761.	*	2	1625	486	92.	*	3	1110	711	92.
1	0300	37	0.	*	1	2145	262	739.	*	2	1630	487	92.	*	3	1115	712	92.
1	0305	38	0.	*	1	2150	263	718.	*	2	1635	488	92.	*	3	1120	713	92.
1	0310	39	0.	*	1	2155	264	698.	*	2	1640	489	92.	*	3	1125	714	92.
1	0315	40	0.	*	1	2200	265	677.	*	2	1645	490	92.	*	3	1130	715	92.
1	0320	41	0.	*	1	2205	266	658.	*	2	1650	491	92.	*	3	1135	716	92.
1	0325	42	1.	*	1	2210	267	637.	*	2	1655	492	92.	*	3	1140	717	92.
1	0330	43	1.	*	1	2215	268	618.	*	2	1700	493	92.	*	3	1145	718	92.
1	0335	44	1.	*	1	2220	269	598.	*	2	1705	494	92.	*	3	1150	719	92.
1	0340	45	1.	*	1	2225	270	580.	*	2	1710	495	92.	*	3	1155	720	92.
1	0345	46	1.	*	1	2230	271	563.	*	2	1715	496	92.	*	3	1200	721	92.
1	0350	47	1.	*	1	2235	272	546.	*	2	1720	497	92.	*	3	1205	722	92.
1	0355	48	1.	*	1	2240	273	530.	*	2	1725	498	92.	*	3	1210	723	92.
1	0400	49	1.	*	1	2245	274	515.	*	2	1730	499	92.	*	3	1215	724	92.
1	0405	50	1.	*	1	2250	275	499.	*	2	1735	500	92.	*	3	1220	725	92.
1	0410	51	1.	*	1	2255	276	485.	*	2	1740	501	92.	*	3	1225	726	92.
1	0415	52	1.	*	1	2300	277	471.	*	2	1745	502	92.	*	3	1230	727	92.
1	0420	53	1.	*	1	2305	278	459.	*	2	1750	503	92.	*	3	1235	728	92.
1	0425	54	1.	*	1	2310	279	447.	*	2	1755	504	92.	*	3	1240	729	92.
1	0430	55	1.	*	1	2315	280	437.	*	2	1800	505	92.	*	3	1245	730	92.
1	0435	56	2.	*	1	2320	281	427.	*	2	1805	506	92.	*	3	1250	731	92.
1	0440	57	2.	*	1	2325	282	418.	*	2	1810	507	92.	*	3	1255	732	92.
1	0445	58	2.	*	1	2330	283	409.	*	2	1815	508	92.	*	3	1300	733	92.
1	0450	59	2.	*	1	2335	284	401.	*	2	1820	509	92.	*	3	1305	734	92.
1	0455	60	2.	*	1	2340	285	393.	*	2	1825	510	92.	*	3	1310	735	92.
1	0500	61	2.	*	1	2345	286	386.	*	2	1830	511	92.	*	3	1315	736	92.
1	0505	62	2.	*	1	2350	287	379.	*	2	1835	512	92.	*	3	1320	737	92.
1	0510	63	2.	*	1	2355	288	373.	*	2	1840	513	92.	*	3	1325	738	92.
1	0515	64	2.	*	2	0000	289	367.	*	2	1845	514	92.	*	3	1330	739	92.
1	0520	65	3.	*	2	0005	290	363.	*	2	1850	515	92.	*	3	1335	740	92.
1	0525	66	3.	*	2	0010	291	359.	*	2	1855	516	92.	*	3	1340	741	92.
1	0530	67	3.	*	2	0015	292	355.	*	2	1900	517	92.	*	3	1345	742	92.
1	0535	68	21.	*	2	0020	293	351.	*	2	1905	518	92.	*	3	1350	743	92.
1	0540	69	38.	*	2	0025	294	345.	*	2	1910	519	92.	*	3	1355	744	92.
1	0545	70	143.	*	2	0030	295	340.	*	2	1915	520	92.	*	3	1400	745	92.
1	0550	71	247.	*	2	0035	296	335.	*	2	1920	521	92.	*	3	1405	746	92.
1	0555	72	473.	*	2	0040	297	330.	*	2	1925	522	92.	*	3	1410	747	92.
1	0600	73	700.	*	2	0045	298	325.	*	2	1930	523	92.	*	3	1415	748	92.
1	0605	74	853.	*	2	0050	299	320.	*	2	1935	524	92.	*	3	1420	749	92.
1	0610	75	1006.	*	2	0055	300	315.	*	2	1940	525	92.	*	3	1425	750	92.
1	0615	76	964.	*	2	0100	301	310.	*	2	1945	526	92.	*	3	1430	751	92.
1	0620	77	921.	*	2	0105	302	306.	*	2	1950	527	92.	*	3	1435	752	92.
1	0625	78	846.	*	2	0110	303	301.	*	2	1955	528	92.	*	3	1440	753	92.
1	0630	79	771.	*	2	0115	304	297.	*	2	2000	529	92.	*	3	1445	754	92.
1	0635	80	714.	*	2	0120	305	293.	*	2	2005	530	92.	*	3	1450	755	92.
1	0640	81	657.	*	2	0125	306	288.	*	2	2010	531	92.	*	3	1455	756	92.
1	0645	82	587.	*	2	0130	307	284.	*	2	2015	532	92.	*	3	1500	757	92.
1	0650	83	517.	*	2	0135	308	280.	*	2	2020	533	92.	*	3	1505	758	92.
1	0655	84	457.	*	2	0140	309	276.	*	2	2025	534	92.	*	3	1510	759	92.
1	0700	85	397.	*	2	0145	310	272.	*	2	2030	535	92.	*	3	1515	760	92.
1	0705	86	370.	*	2	0150	311	268.	*	2	2035	536	92.	*	3	1520	761	92.
1	0710	87	342.	*	2	0155	312	264.	*	2	2040	537	92.	*	3	1525	762	92.
1	0715	88	389.	*	2	0200	313	260.	*	2	2045	538	92.	*	3	1530	763	92.
1	0720	89	437.	*	2	0205	314	256.	*	2	2050	539	92.	*	3	1535	764	92.
1	0725	90	432.	*	2	0210	315	252.	*	2	2055	540	92.	*	3	1540	765	92.
1	0730	91	426.	*	2	0215	316	248.	*	2	2100	541	92.	*	3	1545	766	92.
1	0735	92	414.	*	2	0220	317	244.	*	2	2105	542	92.	*	3	1550	767	92.
1	0740	93	402.	*	2	0225	318	240.	*	2	2110	543	92.	*	3	1555	768	92.
1	0745	94	384.	*	2	0230	319	237.	*	2	2115	544	92.	*	3	1600	769	92.
1	0750	95	365.	*	2	0235	320	233.	*	2	2120	545	92.	*	3	1605	770	92.
1	0755	96	730.	*	2	0240	321	229.	*	2	2125	546	92.	*	3	1610	771	92.
1	0800	97	1095.	*	2	0245	322	225.	*	2	2130	547	92.	*	3	1615	772	92.
1	0805	98	1520.	*	2	0250	323	221.	*	2	2135	548	92.	*	3	1620	773	92.
1	0810	99	1945.	*	2	0255	324	218.	*	2	2140	549	92.	*	3	1625	774	92.
1	0815	100	2307.	*	2	0300	325	214.	*	2	2145	550	92.	*	3	1630	775	92.
1	0820	101	2669.	*	2	0305	326	210.	*	2	2150	551	92.	*	3	1635	776	92.
1	0825	102	2901.	*	2	0310	327	207.	*	2	2155	552	92.	*	3	1640	777	92.
1	0830	103	3131.	*	2	0315	328	204.	*	2	2200	553	92.	*	3	1645	778	92.
1	0835	104	3045.	*	2	0320	329	201.	*	2	2205	554	92.	*	3	1650	779	92.
1	0840	105	2958.	*	2	0325	330	199.	*	2	2210	555	92.	*	3	1655	780	92.
1	0845	106	2849.	*	2	0330	331	197.	*	2	2215	556	92.	*	3	1700	781	92.
1	0850	107	2740.	*	2	0335	332	196.	*	2	2220	557	92.	*	3	1705	782	92.
1	0855	108	2614.	*	2	0340	333	194.	*	2	2225	558	92.	*	3	1710	783	92.
1	0900	109	2488.	*	2	0345	334	191.	*	2	2230	559	92.	*	3	1715	784	92.
1	0905	110	2369.	*	2	0350	335	189.	*	2	2235	560	92.	*	3	1720	785	92.
1	0910	111	2249.	*	2	0355	336	186.	*	2	2240	561	92.	*	3	1725	786	92.
1	0915	112	2176.	*	2	0400	337	183.	*	2	2245	562	92.	*	3	1730	787	92.
1	0920	113	2101.	*	2	0405	338	180.	*	2	2250	563	92.	*	3	1735	788	92.
1	0925	114	2250.	*	2	0410	339	177.	*	2	2255	564	92.	*	3	1740	789	92.
1	0930	115	2399.	*	2	0415	340	174.	*	2	2300	565	92.	*	3	1745	790	92.
1	0935	116	2479.	*	2	0420	341	172.	*	2	2305	566	92.	*	3	1750	791	92.
1	0940	117	2560.	*	2	0425	342	169.	*	2	2310	567	92.	*	3	1755	792	92.
1	0945	118	2455.	*	2	0430	343	166.	*	2	2315	568	92.	*	3	1800	793	92.
1	0950	119	2349.	*	2	0435	344	164.	*	2	2320	569	92.	*	3	1805	794	92.
1	0955	120	2239.	*	2	0440	345	162.	*	2	2325	570	92.	*	3	1810	795	92.
1	1000	121	2128.	*	2	0445	346	160.	*	2	2330	571	92.	*	3	1815	796	92.
1	1005	122	2027.	*	2	0450	347	158.	*	2	2335	572	92.	*	3	1820	797	92.
1	1010	123	1927.	*	2	0455	348	156.	*	2	2340	573	92.	*	3	1825	798	92.
1	1015	124	1837.	*	2	0500	349	155.	*	2	2345	574	92.	*	3	1830	799	92.
1	1020	125	1748.	*	2	0505	350	154.	*	2	2350	575	92.	*	3	1835	800	92.
1	1025	126	1668.	*	2	0510	351	153.	*	2	2355	576	92.	*	3	1840	801	92.
1	1030	127	1589.	*	2	0515	352	151.	*	3	0000	577	92.	*	3	1845	802	92.
1	1035	128	1523.	*	2	0520	353	150.	*	3	0005	578	92.	*	3	1850	803	92.
1	1040	129	1455.	*	2	0525	354	149.	*	3	0010	579	92.	*	3	1855	804	92.
1	1045	130	1399.	*	2	0530	355	148.	*	3	0015	580	92.	*	3	1900	805	92.
1	1050	131	1342.	*	2	0535	356	147.	*	3	0020	581	92.	*	3	1905	806	92.
1	1055	132	1293.	*	2	0540	357	146.	*	3	0025	582	92.	*	3	1910	807	92.
1	1100	133	1243.	*	2	0545	358	144.	*	3	0030	583	92.	*	3	1915	808	92.
1	1105	134	1200.	*	2	0550	359	143.	*	3	0035	584	92.	*	3	1920	809	92.
1	1110	135	1157.	*	2	0555	360	142.	*	3	0040	585	92.	*	3	1925	810	92.
1	1115	136	1118.	*	2	0600	361	140.	*	3	0045	586	92.	*	3	1930	811	92.
1	1120	137	1079.	*	2	0605	362	139.	*	3	0050	587	92.	*	3	1935	812	92.
1	1125	138	1046.	*	2	0610	363	137.	*	3	0055	588	92.	*	3	1940	813	92.
1	1130	139	1012.	*	2	0615	364	136.	*	3	0100	589	92.	*	3	1945	814	92.

1	1135	140	984.	*	2	0620	365	134.	*	3	0105	590	92.	*	3	1950	815	92.
1	1140	141	955.	*	2	0625	366	133.	*	3	0110	591	92.	*	3	1955	816	92.
1	1145	142	933.	*	2	0630	367	132.	*	3	0115	592	92.	*	3	2000	817	92.
1	1150	143	910.	*	2	0635	368	131.	*	3	0120	593	92.	*	3	2005	818	92.
1	1155	144	894.	*	2	0640	369	130.	*	3	0125	594	92.	*	3	2010	819	92.
1	1200	145	879.	*	2	0645	370	128.	*	3	0130	595	92.	*	3	2015	820	92.
1	1205	146	871.	*	2	0650	371	127.	*	3	0135	596	92.	*	3	2020	821	92.
1	1210	147	865.	*	2	0655	372	125.	*	3	0140	597	92.	*	3	2025	822	92.
1	1215	148	872.	*	2	0700	373	124.	*	3	0145	598	92.	*	3	2030	823	92.
1	1220	149	890.	*	2	0705	374	123.	*	3	0150	599	92.	*	3	2035	824	92.
1	1225	150	928.	*	2	0710	375	121.	*	3	0155	600	92.	*	3	2040	825	92.
1	1230	151	998.	*	2	0715	376	120.	*	3	0200	601	92.	*	3	2045	826	92.
1	1235	152	1106.	*	2	0720	377	118.	*	3	0205	602	92.	*	3	2050	827	92.
1	1240	153	1242.	*	2	0725	378	117.	*	3	0210	603	92.	*	3	2055	828	92.
1	1245	154	1412.	*	2	0730	379	115.	*	3	0215	604	92.	*	3	2100	829	92.
1	1250	155	1600.	*	2	0735	380	114.	*	3	0220	605	92.	*	3	2105	830	92.
1	1255	156	1764.	*	2	0740	381	113.	*	3	0225	606	92.	*	3	2110	831	92.
1	1300	157	1892.	*	2	0745	382	112.	*	3	0230	607	92.	*	3	2115	832	92.
1	1305	158	1979.	*	2	0750	383	111.	*	3	0235	608	92.	*	3	2120	833	92.
1	1310	159	2030.	*	2	0755	384	110.	*	3	0240	609	92.	*	3	2125	834	92.
1	1315	160	2064.	*	2	0800	385	109.	*	3	0245	610	92.	*	3	2130	835	92.
1	1320	161	2098.	*	2	0805	386	108.	*	3	0250	611	92.	*	3	2135	836	92.
1	1325	162	2146.	*	2	0810	387	108.	*	3	0255	612	92.	*	3	2140	837	92.
1	1330	163	2207.	*	2	0815	388	107.	*	3	0300	613	92.	*	3	2145	838	92.
1	1335	164	2286.	*	2	0820	389	107.	*	3	0305	614	92.	*	3	2150	839	92.
1	1340	165	2388.	*	2	0825	390	107.	*	3	0310	615	92.	*	3	2155	840	92.
1	1345	166	2519.	*	2	0830	391	106.	*	3	0315	616	92.	*	3	2200	841	92.
1	1350	167	2691.	*	2	0835	392	106.	*	3	0320	617	92.	*	3	2205	842	92.
1	1355	168	2925.	*	2	0840	393	105.	*	3	0325	618	92.	*	3	2210	843	92.
1	1400	169	3224.	*	2	0845	394	105.	*	3	0330	619	92.	*	3	2215	844	92.
1	1405	170	3573.	*	2	0850	395	105.	*	3	0335	620	92.	*	3	2220	845	92.
1	1410	171	4009.	*	2	0855	396	104.	*	3	0340	621	92.	*	3	2225	846	92.
1	1415	172	4573.	*	2	0900	397	104.	*	3	0345	622	92.	*	3	2230	847	92.
1	1420	173	5174.	*	2	0905	398	103.	*	3	0350	623	92.	*	3	2235	848	92.
1	1425	174	5662.	*	2	0910	399	103.	*	3	0355	624	92.	*	3	2240	849	92.
1	1430	175	6026.	*	2	0915	400	102.	*	3	0400	625	92.	*	3	2245	850	92.
1	1435	176	6312.	*	2	0920	401	101.	*	3	0405	626	92.	*	3	2250	851	92.
1	1440	177	6536.	*	2	0925	402	101.	*	3	0410	627	92.	*	3	2255	852	92.
1	1445	178	6711.	*	2	0930	403	100.	*	3	0415	628	92.	*	3	2300	853	92.
1	1450	179	6827.	*	2	0935	404	100.	*	3	0420	629	92.	*	3	2305	854	92.
1	1455	180	6883.	*	2	0940	405	99.	*	3	0425	630	92.	*	3	2310	855	92.
1	1500	181	6888.	*	2	0945	406	99.	*	3	0430	631	92.	*	3	2315	856	92.
1	1505	182	6843.	*	2	0950	407	98.	*	3	0435	632	92.	*	3	2320	857	92.
1	1510	183	6777.	*	2	0955	408	98.	*	3	0440	633	92.	*	3	2325	858	92.
1	1515	184	6666.	*	2	1000	409	97.	*	3	0445	634	92.	*	3	2330	859	92.
1	1520	185	6537.	*	2	1005	410	97.	*	3	0450	635	92.	*	3	2335	860	92.
1	1525	186	6394.	*	2	1010	411	96.	*	3	0455	636	92.	*	3	2340	861	92.
1	1530	187	6242.	*	2	1015	412	96.	*	3	0500	637	92.	*	3	2345	862	92.
1	1535	188	6092.	*	2	1020	413	96.	*	3	0505	638	92.	*	3	2350	863	92.
1	1540	189	5936.	*	2	1025	414	95.	*	3	0510	639	92.	*	3	2355	864	92.
1	1545	190	5782.	*	2	1030	415	95.	*	3	0515	640	92.	*	4	0000	865	92.
1	1550	191	5630.	*	2	1035	416	95.	*	3	0520	641	92.	*	4	0005	866	92.
1	1555	192	5485.	*	2	1040	417	94.	*	3	0525	642	92.	*	4	0010	867	92.
1	1600	193	5346.	*	2	1045	418	94.	*	3	0530	643	92.	*	4	0015	868	92.
1	1605	194	5219.	*	2	1050	419	94.	*	3	0535	644	92.	*	4	0020	869	92.
1	1610	195	5099.	*	2	1055	420	94.	*	3	0540	645	92.	*	4	0025	870	92.
1	1615	196	4995.	*	2	1100	421	93.	*	3	0545	646	92.	*	4	0030	871	92.
1	1620	197	4896.	*	2	1105	422	93.	*	3	0550	647	92.	*	4	0035	872	92.
1	1625	198	4813.	*	2	1110	423	93.	*	3	0555	648	92.	*	4	0040	873	92.
1	1630	199	4737.	*	2	1115	424	93.	*	3	0600	649	92.	*	4	0045	874	92.
1	1635	200	4676.	*	2	1120	425	93.	*	3	0605	650	92.	*	4	0050	875	92.
1	1640	201	4617.	*	2	1125	426	92.	*	3	0610	651	92.	*	4	0055	876	92.
1	1645	202	4567.	*	2	1130	427	92.	*	3	0615	652	92.	*	4	0100	877	92.
1	1650	203	4519.	*	2	1135	428	92.	*	3	0620	653	92.	*	4	0105	878	92.
1	1655	204	4472.	*	2	1140	429	92.	*	3	0625	654	92.	*	4	0110	879	92.
1	1700	205	4426.	*	2	1145	430	92.	*	3	0630	655	92.	*	4	0115	880	92.
1	1705	206	4378.	*	2	1150	431	92.	*	3	0635	656	92.	*	4	0120	881	92.
1	1710	207	4332.	*	2	1155	432	92.	*	3	0640	657	92.	*	4	0125	882	92.
1	1715	208	4285.	*	2	1200	433	92.	*	3	0645	658	92.	*	4	0130	883	92.
1	1720	209	4243.	*	2	1205	434	92.	*	3	0650	659	92.	*	4	0135	884	92.
1	1725	210	4204.	*	2	1210	435	92.	*	3	0655	660	92.	*	4	0140	885	92.
1	1730	211	4165.	*	2	1215	436	92.	*	3	0700	661	92.	*	4	0145	886	92.
1	1735	212	4120.	*	2	1220	437	92.	*	3	0705	662	92.	*	4	0150	887	92.
1	1740	213	4067.	*	2	1225	438	92.	*	3	0710	663	92.	*	4	0155	888	92.
1	1745	214	4010.	*	2	1230	439	92.	*	3	0715	664	92.	*	4	0200	889	92.
1	1750	215	3945.	*	2	1235	440	92.	*	3	0720	665	92.	*	4	0205	890	92.
1	1755	216	3878.	*	2	1240	441	92.	*	3	0725	666	92.	*	4	0210	891	92.
1	1800	217	3807.	*	2	1245	442	92.	*	3	0730	667	92.	*	4	0215	892	92.
1	1805	218	3738.	*	2	1250	443	92.	*	3	0735	668	92.	*	4	0220	893	92.
1	1810	219	3668.	*	2	1255	444	92.	*	3	0740	669	92.	*	4	0225	894	92.
1	1815	220	3590.	*	2	1300	445	92.	*	3	0745	670	92.	*	4	0230	895	92.
1	1820	221	3509.	*	2	1305	446	92.	*	3	0750	671	92.	*	4	0235	896	92.
1	1825	222	3404.	*	2	1310	447	92.	*	3	0755	672	92.	*	4	0240	897	92.
1	1830	223	3299.	*	2	1315	448	92.	*	3	0800	673	92.	*	4	0245	898	92.
1	1835	224	3186.	*	2	1320	449	92.	*	3	0805	674	92.	*	4	0250	899	92.
1	1840	225	3074.	*	2	1325	450	92.	*	3	0810	675	92.	*	4	0255	900	92.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 6888.	15.00	(CFS)	4422.	1785.	654.	629.
		(INCHES)	.238	.384	.422	.422
		(AC-FT)	2193.	3540.	3893.	3893.

CUMULATIVE AREA = 172.93 SQ MI

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                *              *
172 KK          *    CCD-I     *
                *              *
                **************

173 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                              Total inflow to Cave Creek Dam

175 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION CCD-I
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2966.	2		1330	451	92.	3		0815	676	92.
1		0005	2	0.	1		1850	227	2857.	2		1335	452	92.	3		0820	677	92.
1		0010	3	0.	1		1855	228	2756.	2		1340	453	92.	3		0825	678	92.
1		0015	4	0.	1		1900	229	2659.	2		1345	454	92.	3		0830	679	92.
1		0020	5	0.	1		1905	230	2573.	2		1350	455	92.	3		0835	680	92.
1		0025	6	0.	1		1910	231	2494.	2		1355	456	92.	3		0840	681	92.
1		0030	7	0.	1		1915	232	2419.	2		1400	457	92.	3		0845	682	92.
1		0035	8	0.	1		1920	233	2348.	2		1405	458	92.	3		0850	683	92.
1		0040	9	0.	1		1925	234	2273.	2		1410	459	92.	3		0855	684	92.
1		0045	10	0.	1		1930	235	2197.	2		1415	460	92.	3		0900	685	92.
1		0050	11	0.	1		1935	236	2119.	2		1420	461	92.	3		0905	686	92.
1		0055	12	0.	1		1940	237	2040.	2		1425	462	92.	3		0910	687	92.
1		0100	13	0.	1		1945	238	1961.	2		1430	463	92.	3		0915	688	92.
1		0105	14	0.	1		1950	239	1876.	2		1435	464	92.	3		0920	689	92.
1		0110	15	0.	1		1955	240	1779.	2		1440	465	92.	3		0925	690	92.
1		0115	16	1.	1		2000	241	1652.	2		1445	466	92.	3		0930	691	92.
1		0120	17	1.	1		2005	242	1504.	2		1450	467	92.	3		0935	692	92.
1		0125	18	1.	1		2010	243	1364.	2		1455	468	92.	3		0940	693	92.
1		0130	19	1.	1		2015	244	1284.	2		1500	469	92.	3		0945	694	92.
1		0135	20	1.	1		2020	245	1247.	2		1505	470	92.	3		0950	695	92.
1		0140	21	1.	1		2025	246	1201.	2		1510	471	92.	3		0955	696	92.
1		0145	22	1.	1		2030	247	1163.	2		1515	472	92.	3		1000	697	92.
1		0150	23	1.	1		2035	248	1126.	2		1520	473	92.	3		1005	698	92.
1		0155	24	1.	1		2040	249	1091.	2		1525	474	92.	3		1010	699	92.
1		0200	25	1.	1		2045	250	1060.	2		1530	475	92.	3		1015	700	92.
1		0205	26	1.	1		2050	251	1030.	2		1535	476	92.	3		1020	701	92.
1		0210	27	1.	1		2055	252	1003.	2		1540	477	92.	3		1025	702	92.
1		0215	28	1.	1		2100	253	975.	2		1545	478	92.	3		1030	703	92.
1		0220	29	1.	1		2105	254	949.	2		1550	479	92.	3		1035	704	92.
1		0225	30	1.	1		2110	255	923.	2		1555	480	92.	3		1040	705	92.
1		0230	31	1.	1		2115	256	896.	2		1600	481	92.	3		1045	706	92.
1		0235	32	1.	1		2120	257	868.	2		1605	482	92.	3		1050	707	92.
1		0240	33	1.	1		2125	258	841.	2		1610	483	92.	3		1055	708	92.
1		0245	34	1.	1		2130	259	814.	2		1615	484	92.	3		1100	709	92.
1		0250	35	1.	1		2135	260	789.	2		1620	485	92.	3		1105	710	92.
1		0255	36	1.	1		2140	261	763.	2		1625	486	92.	3		1110	711	92.
1		0300	37	1.	1		2145	262	741.	2		1630	487	92.	3		1115	712	92.
1		0305	38	1.	1		2150	263	720.	2		1635	488	92.	3		1120	713	92.
1		0310	39	1.	1		2155	264	700.	2		1640	489	92.	3		1125	714	92.
1		0315	40	1.	1		2200	265	679.	2		1645	490	92.	3		1130	715	92.
1		0320	41	1.	1		2205	266	660.	2		1650	491	92.	3		1135	716	92.
1		0325	42	2.	1		2210	267	639.	2		1655	492	92.	3		1140	717	92.
1		0330	43	2.	1		2215	268	620.	2		1700	493	92.	3		1145	718	92.
1		0335	44	2.	1		2220	269	600.	2		1705	494	92.	3		1150	719	92.
1		0340	45	2.	1		2225	270	582.	2		1710	495	92.	3		1155	720	92.
1		0345	46	2.	1		2230	271	565.	2		1715	496	92.	3		1200	721	92.
1		0350	47	2.	1		2235	272	548.	2		1720	497	92.	3		1205	722	92.
1		0355	48	3.	1		2240	273	532.	2		1725	498	92.	3		1210	723	92.
1		0400	49	3.	1		2245	274	517.	2		1730	499	92.	3		1215	724	92.
1		0405	50	3.	1		2250	275	501.	2		1735	500	92.	3		1220	725	92.
1		0410	51	3.	1		2255	276	487.	2		1740	501	92.	3		1225	726	92.
1		0415	52	3.	1		2300	277	473.	2		1745	502	92.	3		1230	727	92.
1		0420	53	3.	1		2305	278	461.	2		1750	503	92.	3		1235	728	92.
1		0425	54	3.	1		2310	279	449.	2		1755	504	92.	3		1240	729	92.
1		0430	55	3.	1		2315	280	439.	2		1800	505	92.	3		1245	730	92.
1		0435	56	4.	1		2320	281	429.	2		1805	506	92.	3		1250	731	92.
1		0440	57	4.	1		2325	282	420.	2		1810	507	92.	3		1255	732	92.
1		0445	58	4.	1		2330	283	411.	2		1815	508	92.	3		1300	733	92.
1		0450	59	4.	1		2335	284	403.	2		1820	509	92.	3		1305	734	92.
1		0455	60	4.	1		2340	285	395.	2		1825	510	92.	3		1310	735	92.
1		0500	61	4.	1		2345	286	388.	2		1830	511	92.	3		1315	736	92.
1		0505	62	4.	1		2350	287	381.	2		1835	512	92.	3		1320	737	92.
1		0510	63	4.	1		2355	288	375.	2		1840	513	92.	3		1325	738	92.
1		0515	64	4.	2		0000	289	369.	2		1845	514	92.	3		1330	739	92.
1		0520	65	5.	2		0005	290	365.	2		1850	515	92.	3		1335	740	92.
1		0525	66	5.	2		0010	291	360.	2		1855	516	92.	3		1340	741	92.
1		0530	67	5.	2		0015	292	356.	2		1900	517	92.	3		1345	742	92.
1		0535	68	23.	2		0020	293	352.	2		1905	518	92.	3		1350	743	92.
1		0540	69	40.	2		0025	294	346.	2		1910	519	92.	3		1355	744	92.
1		0545	70	145.	2		0030	295	341.	2		1915	520	92.	3		1400	745	92.
1		0550	71	249.	2		0035	296	336.	2		1920	521	92.	3		1405	746	92.
1		0555	72	475.	2		0040	297	331.	2		1925	522	92.	3		1410	747	92.
1		0600	73	702.	2		0045	298	326.	2		1930	523	92.	3		1415	748	92.
1		0605	74	855.	2		0050	299	321.	2		1935	524	92.	3		1420	749	92.
1		0610	75	1008.	2		0055	300	316.	2		1940	525	92.	3		1425	750	92.

1	0615	76	966.	*	2	0100	301	311.	*	2	1945	526	92.	*	3	1430	751	92.
1	0620	77	923.	*	2	0105	302	307.	*	2	1950	527	92.	*	3	1435	752	92.
1	0625	78	848.	*	2	0110	303	302.	*	2	1955	528	92.	*	3	1440	753	92.
1	0630	79	773.	*	2	0115	304	298.	*	2	2000	529	92.	*	3	1445	754	92.
1	0635	80	716.	*	2	0120	305	294.	*	2	2005	530	92.	*	3	1450	755	92.
1	0640	81	659.	*	2	0125	306	289.	*	2	2010	531	92.	*	3	1455	756	92.
1	0645	82	589.	*	2	0130	307	285.	*	2	2015	532	92.	*	3	1500	757	92.
1	0650	83	519.	*	2	0135	308	281.	*	2	2020	533	92.	*	3	1505	758	92.
1	0655	84	459.	*	2	0140	309	276.	*	2	2025	534	92.	*	3	1510	759	92.
1	0700	85	399.	*	2	0145	310	272.	*	2	2030	535	92.	*	3	1515	760	92.
1	0705	86	372.	*	2	0150	311	268.	*	2	2035	536	92.	*	3	1520	761	92.
1	0710	87	344.	*	2	0155	312	264.	*	2	2040	537	92.	*	3	1525	762	92.
1	0715	88	391.	*	2	0200	313	260.	*	2	2045	538	92.	*	3	1530	763	92.
1	0720	89	439.	*	2	0205	314	256.	*	2	2050	539	92.	*	3	1535	764	92.
1	0725	90	434.	*	2	0210	315	252.	*	2	2055	540	92.	*	3	1540	765	92.
1	0730	91	428.	*	2	0215	316	248.	*	2	2100	541	92.	*	3	1545	766	92.
1	0735	92	416.	*	2	0220	317	244.	*	2	2105	542	92.	*	3	1550	767	92.
1	0740	93	404.	*	2	0225	318	240.	*	2	2110	543	92.	*	3	1555	768	92.
1	0745	94	386.	*	2	0230	319	237.	*	2	2115	544	92.	*	3	1600	769	92.
1	0750	95	367.	*	2	0235	320	233.	*	2	2120	545	92.	*	3	1605	770	92.
1	0755	96	732.	*	2	0240	321	229.	*	2	2125	546	92.	*	3	1610	771	92.
1	0800	97	1097.	*	2	0245	322	225.	*	2	2130	547	92.	*	3	1615	772	92.
1	0805	98	1522.	*	2	0250	323	221.	*	2	2135	548	92.	*	3	1620	773	92.
1	0810	99	1947.	*	2	0255	324	218.	*	2	2140	549	92.	*	3	1625	774	92.
1	0815	100	2309.	*	2	0300	325	214.	*	2	2145	550	92.	*	3	1630	775	92.
1	0820	101	2671.	*	2	0305	326	210.	*	2	2150	551	92.	*	3	1635	776	92.
1	0825	102	2903.	*	2	0310	327	207.	*	2	2155	552	92.	*	3	1640	777	92.
1	0830	103	3134.	*	2	0315	328	204.	*	2	2200	553	92.	*	3	1645	778	92.
1	0835	104	3048.	*	2	0320	329	201.	*	2	2205	554	92.	*	3	1650	779	92.
1	0840	105	2961.	*	2	0325	330	199.	*	2	2210	555	92.	*	3	1655	780	92.
1	0845	106	2852.	*	2	0330	331	197.	*	2	2215	556	92.	*	3	1700	781	92.
1	0850	107	2743.	*	2	0335	332	196.	*	2	2220	557	92.	*	3	1705	782	92.
1	0855	108	2617.	*	2	0340	333	194.	*	2	2225	558	92.	*	3	1710	783	92.
1	0900	109	2491.	*	2	0345	334	191.	*	2	2230	559	92.	*	3	1715	784	92.
1	0905	110	2372.	*	2	0350	335	189.	*	2	2235	560	92.	*	3	1720	785	92.
1	0910	111	2252.	*	2	0355	336	186.	*	2	2240	561	92.	*	3	1725	786	92.
1	0915	112	2179.	*	2	0400	337	183.	*	2	2245	562	92.	*	3	1730	787	92.
1	0920	113	2104.	*	2	0405	338	180.	*	2	2250	563	92.	*	3	1735	788	92.
1	0925	114	2253.	*	2	0410	339	177.	*	2	2255	564	92.	*	3	1740	789	92.
1	0930	115	2402.	*	2	0415	340	174.	*	2	2300	565	92.	*	3	1745	790	92.
1	0935	116	2482.	*	2	0420	341	172.	*	2	2305	566	92.	*	3	1750	791	92.
1	0940	117	2563.	*	2	0425	342	169.	*	2	2310	567	92.	*	3	1755	792	92.
1	0945	118	2458.	*	2	0430	343	166.	*	2	2315	568	92.	*	3	1800	793	92.
1	0950	119	2352.	*	2	0435	344	164.	*	2	2320	569	92.	*	3	1805	794	92.
1	0955	120	2243.	*	2	0440	345	162.	*	2	2325	570	92.	*	3	1810	795	92.
1	1000	121	2132.	*	2	0445	346	160.	*	2	2330	571	92.	*	3	1815	796	92.
1	1005	122	2031.	*	2	0450	347	158.	*	2	2335	572	92.	*	3	1820	797	92.
1	1010	123	1931.	*	2	0455	348	156.	*	2	2340	573	92.	*	3	1825	798	92.
1	1015	124	1841.	*	2	0500	349	155.	*	2	2345	574	92.	*	3	1830	799	92.
1	1020	125	1752.	*	2	0505	350	154.	*	2	2350	575	92.	*	3	1835	800	92.
1	1025	126	1672.	*	2	0510	351	153.	*	2	2355	576	92.	*	3	1840	801	92.
1	1030	127	1593.	*	2	0515	352	151.	*	3	0000	577	92.	*	3	1845	802	92.
1	1035	128	1527.	*	2	0520	353	150.	*	3	0005	578	92.	*	3	1850	803	92.
1	1040	129	1459.	*	2	0525	354	149.	*	3	0010	579	92.	*	3	1855	804	92.
1	1045	130	1403.	*	2	0530	355	148.	*	3	0015	580	92.	*	3	1900	805	92.
1	1050	131	1346.	*	2	0535	356	147.	*	3	0020	581	92.	*	3	1905	806	92.
1	1055	132	1298.	*	2	0540	357	146.	*	3	0025	582	92.	*	3	1910	807	92.
1	1100	133	1248.	*	2	0545	358	144.	*	3	0030	583	92.	*	3	1915	808	92.
1	1105	134	1205.	*	2	0550	359	143.	*	3	0035	584	92.	*	3	1920	809	92.
1	1110	135	1162.	*	2	0555	360	142.	*	3	0040	585	92.	*	3	1925	810	92.
1	1115	136	1123.	*	2	0600	361	140.	*	3	0045	586	92.	*	3	1930	811	92.
1	1120	137	1085.	*	2	0605	362	139.	*	3	0050	587	92.	*	3	1935	812	92.
1	1125	138	1053.	*	2	0610	363	137.	*	3	0055	588	92.	*	3	1940	813	92.
1	1130	139	1020.	*	2	0615	364	136.	*	3	0100	589	92.	*	3	1945	814	92.
1	1135	140	999.	*	2	0620	365	134.	*	3	0105	590	92.	*	3	1950	815	92.
1	1140	141	977.	*	2	0625	366	133.	*	3	0110	591	92.	*	3	1955	816	92.
1	1145	142	964.	*	2	0630	367	132.	*	3	0115	592	92.	*	3	2000	817	92.
1	1150	143	953.	*	2	0635	368	131.	*	3	0120	593	92.	*	3	2005	818	92.
1	1155	144	960.	*	2	0640	369	130.	*	3	0125	594	92.	*	3	2010	819	92.
1	1200	145	973.	*	2	0645	370	128.	*	3	0130	595	92.	*	3	2015	820	92.
1	1205	146	990.	*	2	0650	371	127.	*	3	0135	596	92.	*	3	2020	821	92.
1	1210	147	1020.	*	2	0655	372	125.	*	3	0140	597	92.	*	3	2025	822	92.
1	1215	148	1070.	*	2	0700	373	124.	*	3	0145	598	92.	*	3	2030	823	92.
1	1220	149	1134.	*	2	0705	374	123.	*	3	0150	599	92.	*	3	2035	824	92.
1	1225	150	1214.	*	2	0710	375	121.	*	3	0155	600	92.	*	3	2040	825	92.
1	1230	151	1323.	*	2	0715	376	120.	*	3	0200	601	92.	*	3	2045	826	92.
1	1235	152	1467.	*	2	0720	377	118.	*	3	0205	602	92.	*	3	2050	827	92.
1	1240	153	1634.	*	2	0725	378	117.	*	3	0210	603	92.	*	3	2055	828	92.
1	1245	154	1830.	*	2	0730	379	115.	*	3	0215	604	92.	*	3	2100	829	92.
1	1250	155	2039.	*	2	0735	380	114.	*	3	0220	605	92.	*	3	2105	830	92.
1	1255	156	2214.	*	2	0740	381	113.	*	3	0225	606	92.	*	3	2110	831	92.
1	1300	157	2346.	*	2	0745	382	112.	*	3	0230	607	92.	*	3	2115	832	92.
1	1305	158	2431.	*	2	0750	383	111.	*	3	0235	608	92.	*	3	2120	833	92.
1	1310	159	2470.	*	2	0755	384	110.	*	3	0240	609	92.	*	3	2125	834	92.
1	1315	160	2485.	*	2	0800	385	109.	*	3	0245	610	92.	*	3	2130	835	92.
1	1320	161	2495.	*	2	0805	386	108.	*	3	0250	611	92.	*	3	2135	836	92.
1	1325	162	2515.	*	2	0810	387	108.	*	3	0255	612	92.	*	3	2140	837	92.
1	1330	163	2545.	*	2	0815	388	107.	*	3	0300	613	92.	*	3	2145	838	92.
1	1335	164	2592.	*	2	0820	389	107.	*	3	0305	614	92.	*	3	2150	839	92.
1	1340	165	2666.	*	2	0825	390	107.	*	3	0310	615	92.	*	3	2155	840	92.
1	1345	166	2770.	*	2	0830	391	106.	*	3	0315	616	92.	*	3	2200	841	92.
1	1350	167	2919.	*	2	0835	392	106.	*	3	0320	617	92.	*	3	2205	842	92.
1	1355	168	3131.	*	2	0840	393	105.	*	3	0325	618	92.	*	3	2210	843	92.
1	1400	169	3411.	*	2	0845	394	105.	*	3	0330	619	92.	*	3	2215	844	92.
1	1405	170	3742.	*	2	0850	395	105.	*	3	0335	620	92.	*	3	2220	845	92.
1	1410	171	4162.	*	2	0855	396	104.	*	3	0340	621	92.	*	3	2225	846	92.
1	1415	172	4711.	*	2	0900	397	104.	*	3	0345	622	92.	*	3	2230	847	92.
1	1420	173	5299.	*	2	0905	398	103.	*	3	0350	623	92.	*	3	2235	848	92.
1	1425	174	5775.	*	2	0910	399	103.	*	3	0355	624	92.	*	3	2240	849	92.
1	1430	175	6128.	*	2	0915	400	102.	*	3	0400	625	92.	*	3	2245	850	92.
1	1435	176	6406.	*	2	0920	401	101.	*	3	0405	626	92.	*	3	2250	851	92.
1	1440	177	6620.	*	2	0925	402	101.	*	3	0410	627	92.	*	3	2255	852	92.
1	1445	178	6788.	*	2	0930	403	100.	*	3	0415	628	92.	*	3	2300	853	92.
1	1450	179	6897.	*	2	0935	404	100.	*	3	0420	629	92.	*	3	2305	854	92.
1	1455	180	6946.	*	2	0940	405	99.	*	3	0425	630	92.	*	3	2310	855	92.
1	1500	181	6944.	*	2	0945	406	99.	*	3	0430	631	92.	*	3	2315	856	92.

1	1505	182	6893.	*	2	0950	407	98.	*	3	0435	632	92.	*	3	2320	857	92.
1	1510	183	6824.	*	2	0955	408	98.	*	3	0440	633	92.	*	3	2325	858	92.
1	1515	184	6709.	*	2	1000	409	97.	*	3	0445	634	92.	*	3	2330	859	92.
1	1520	185	6576.	*	2	1005	410	97.	*	3	0450	635	92.	*	3	2335	860	92.
1	1525	186	6429.	*	2	1010	411	96.	*	3	0455	636	92.	*	3	2340	861	92.
1	1530	187	6274.	*	2	1015	412	96.	*	3	0500	637	92.	*	3	2345	862	92.
1	1535	188	6121.	*	2	1020	413	96.	*	3	0505	638	92.	*	3	2350	863	92.
1	1540	189	5961.	*	2	1025	414	95.	*	3	0510	639	92.	*	3	2355	864	92.
1	1545	190	5803.	*	2	1030	415	95.	*	3	0515	640	92.	*	4	0000	865	92.
1	1550	191	5647.	*	2	1035	416	95.	*	3	0520	641	92.	*	4	0005	866	92.
1	1555	192	5501.	*	2	1040	417	94.	*	3	0525	642	92.	*	4	0010	867	92.
1	1600	193	5362.	*	2	1045	418	94.	*	3	0530	643	92.	*	4	0015	868	92.
1	1605	194	5235.	*	2	1050	419	94.	*	3	0535	644	92.	*	4	0020	869	92.
1	1610	195	5115.	*	2	1055	420	94.	*	3	0540	645	92.	*	4	0025	870	92.
1	1615	196	5011.	*	2	1100	421	93.	*	3	0545	646	92.	*	4	0030	871	92.
1	1620	197	4912.	*	2	1105	422	93.	*	3	0550	647	92.	*	4	0035	872	92.
1	1625	198	4828.	*	2	1110	423	93.	*	3	0555	648	92.	*	4	0040	873	92.
1	1630	199	4752.	*	2	1115	424	93.	*	3	0600	649	92.	*	4	0045	874	92.
1	1635	200	4691.	*	2	1120	425	93.	*	3	0605	650	92.	*	4	0050	875	92.
1	1640	201	4630.	*	2	1125	426	92.	*	3	0610	651	92.	*	4	0055	876	92.
1	1645	202	4579.	*	2	1130	427	92.	*	3	0615	652	92.	*	4	0100	877	92.
1	1650	203	4529.	*	2	1135	428	92.	*	3	0620	653	92.	*	4	0105	878	92.
1	1655	204	4480.	*	2	1140	429	92.	*	3	0625	654	92.	*	4	0110	879	92.
1	1700	205	4432.	*	2	1145	430	92.	*	3	0630	655	92.	*	4	0115	880	92.
1	1705	206	4382.	*	2	1150	431	92.	*	3	0635	656	92.	*	4	0120	881	92.
1	1710	207	4335.	*	2	1155	432	92.	*	3	0640	657	92.	*	4	0125	882	92.
1	1715	208	4288.	*	2	1200	433	92.	*	3	0645	658	92.	*	4	0130	883	92.
1	1720	209	4246.	*	2	1205	434	92.	*	3	0650	659	92.	*	4	0135	884	92.
1	1725	210	4207.	*	2	1210	435	92.	*	3	0655	660	92.	*	4	0140	885	92.
1	1730	211	4168.	*	2	1215	436	92.	*	3	0700	661	92.	*	4	0145	886	92.
1	1735	212	4123.	*	2	1220	437	92.	*	3	0705	662	92.	*	4	0150	887	92.
1	1740	213	4070.	*	2	1225	438	92.	*	3	0710	663	92.	*	4	0155	888	92.
1	1745	214	4013.	*	2	1230	439	92.	*	3	0715	664	92.	*	4	0200	889	92.
1	1750	215	3948.	*	2	1235	440	92.	*	3	0720	665	92.	*	4	0205	890	92.
1	1755	216	3881.	*	2	1240	441	92.	*	3	0725	666	92.	*	4	0210	891	92.
1	1800	217	3810.	*	2	1245	442	92.	*	3	0730	667	92.	*	4	0215	892	92.
1	1805	218	3741.	*	2	1250	443	92.	*	3	0735	668	92.	*	4	0220	893	92.
1	1810	219	3671.	*	2	1255	444	92.	*	3	0740	669	92.	*	4	0225	894	92.
1	1815	220	3593.	*	2	1300	445	92.	*	3	0745	670	92.	*	4	0230	895	92.
1	1820	221	3512.	*	2	1305	446	92.	*	3	0750	671	92.	*	4	0235	896	92.
1	1825	222	3407.	*	2	1310	447	92.	*	3	0755	672	92.	*	4	0240	897	92.
1	1830	223	3302.	*	2	1315	448	92.	*	3	0800	673	92.	*	4	0245	898	92.
1	1835	224	3189.	*	2	1320	449	92.	*	3	0805	674	92.	*	4	0250	899	92.
1	1840	225	3076.	*	2	1325	450	92.	*	3	0810	675	92.	*	4	0255	900	92.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 6946.	14.92		4479.	1820.	666.	640.
		(INCHES)	.219	.356	.391	.391
		(AC-FT)	2221.	3610.	3964.	3964.

CUMULATIVE AREA = 189.89 SQ MI

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              *            *
176 KK        *     CCD-O  *
              *            *
              **************

177 KO            OUTPUT CONTROL VARIABLES
                        IPRNT          1  PRINT CONTROL
                        IPLOT          0  PLOT CONTROL
                        QSCAL         0.  HYDROGRAPH PLOT SCALE

                  HYDROGRAPH ROUTING DATA

178 RS            STORAGE ROUTING
                        NSTPS          1  NUMBER OF SUBREACHES
                         ITYP       FLOW  TYPE OF INITIAL CONDITION
                        RSVRIC     -1.00  INITIAL CONDITION
                             X       .00  WORKING R AND D COEFFICIENT

179 SV              STORAGE          .0        .0       4.0      21.9      39.8     226.9     635.9    1185.2    1848.2    4239.0
                                 4629.6    5003.6    5377.6    5751.6    6244.0    6754.0    7264.0    7774.0    8284.0    8800.0

181 SE            ELEVATION      1596.20   1599.20   1602.20   1605.30   1608.30   1611.30   1614.30   1617.40   1620.40   1626.50
                                 1627.30   1628.20   1629.00   1629.90   1630.70   1631.60   1632.40   1633.30   1634.10   1635.00

183 SQ            DISCHARGE          0.      483.      685.      840.      971.     1086.     1189.     1285.     1374.     1536.
                                  1807.     2890.     4504.     6555.     9006.    11837.    15037.    18601.    22525.    26560.

185 SE            ELEVATION      1596.20   1599.20   1602.20   1605.30   1608.30   1611.30   1614.30   1617.40   1620.40   1626.50
                                 1627.30   1628.20   1629.00   1629.90   1630.70   1631.60   1632.40   1633.30   1634.10   1635.00
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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	.00	4.00	21.90	39.80	226.90	635.90	1185.20	1848.20	4239.00
OUTFLOW	.00	483.00	685.00	840.00	971.00	1086.00	1189.00	1285.00	1374.00	1536.00
ELEVATION	1596.20	1599.20	1602.20	1605.30	1608.30	1611.30	1614.30	1617.40	1620.40	1626.50
STORAGE	4629.60	5003.60	5377.60	5751.60	6244.00	6754.00	7264.00	7774.00	8284.00	8800.00
OUTFLOW	1807.00	2890.00	4504.00	6555.00	9006.00	11837.00	15037.00	18601.00	22525.00	26560.00
ELEVATION	1627.30	1628.20	1629.00	1629.90	1630.70	1631.60	1632.40	1633.30	1634.10	1635.00

HYDROGRAPH AT STATION CCD-O

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1596.2	2		0100	301	1351.	1679.0	1619.6	3		0200	601	92.	1.0	1598.6
1		0005	2	0.	.0	1596.2	2		0105	302	1350.	1671.8	1619.6	3		0205	602	92.	1.0	1598.6
1		0010	3	0.	.0	1596.2	2		0110	303	1349.	1664.6	1619.6	3		0210	603	92.	1.0	1598.6
1		0015	4	0.	.0	1596.2	2		0115	304	1348.	1657.4	1619.5	3		0215	604	92.	1.0	1598.6
1		0020	5	0.	.0	1596.2	2		0120	305	1347.	1650.2	1619.5	3		0220	605	92.	1.0	1598.6
1		0025	6	0.	.0	1596.2	2		0125	306	1346.	1642.9	1619.5	3		0225	606	92.	1.0	1598.6
1		0030	7	0.	.0	1596.2	2		0130	307	1345.	1635.6	1619.4	3		0230	607	92.	1.0	1598.6
1		0035	8	0.	.0	1596.2	2		0135	308	1344.	1628.3	1619.4	3		0235	608	92.	1.0	1598.6
1		0040	9	0.	.0	1596.2	2		0140	309	1343.	1621.0	1619.4	3		0240	609	92.	1.0	1598.6
1		0045	10	0.	.0	1596.2	2		0145	310	1343.	1613.6	1619.3	3		0245	610	92.	1.0	1598.6
1		0050	11	0.	.0	1596.2	2		0150	311	1342.	1606.2	1619.3	3		0250	611	92.	1.0	1598.6
1		0055	12	0.	.0	1596.2	2		0155	312	1341.	1598.8	1619.3	3		0255	612	92.	1.0	1598.6
1		0100	13	0.	.0	1596.2	2		0200	313	1340.	1591.4	1619.2	3		0300	613	92.	1.0	1598.6
1		0105	14	0.	.0	1596.2	2		0205	314	1339.	1583.9	1619.2	3		0305	614	92.	1.0	1598.6
1		0110	15	0.	.0	1596.2	2		0210	315	1338.	1576.5	1619.2	3		0310	615	92.	1.0	1598.6
1		0115	16	1.	.0	1596.2	2		0215	316	1337.	1569.0	1619.1	3		0315	616	92.	1.0	1598.6
1		0120	17	1.	.0	1596.2	2		0220	317	1336.	1561.5	1619.1	3		0320	617	92.	1.0	1598.6
1		0125	18	1.	.0	1596.2	2		0225	318	1335.	1554.0	1619.1	3		0325	618	92.	1.0	1598.6
1		0130	19	1.	.0	1596.2	2		0230	319	1333.	1546.4	1619.0	3		0330	619	92.	1.0	1598.6
1		0135	20	1.	.0	1596.2	2		0235	320	1332.	1538.9	1619.0	3		0335	620	92.	1.0	1598.6
1		0140	21	1.	.0	1596.2	2		0240	321	1331.	1531.3	1619.0	3		0340	621	92.	1.0	1598.6
1		0145	22	1.	.0	1596.2	2		0245	322	1330.	1523.7	1618.9	3		0345	622	92.	1.0	1598.6
1		0150	23	1.	.0	1596.2	2		0250	323	1329.	1516.0	1618.9	3		0350	623	92.	1.0	1598.6
1		0155	24	1.	.0	1596.2	2		0255	324	1328.	1508.4	1618.9	3		0355	624	92.	1.0	1598.6
1		0200	25	1.	.0	1596.2	2		0300	325	1327.	1500.7	1618.8	3		0400	625	92.	1.0	1598.6
1		0205	26	1.	.0	1596.2	2		0305	326	1326.	1493.1	1618.8	3		0405	626	92.	1.0	1598.6
1		0210	27	1.	.0	1596.2	2		0310	327	1325.	1485.4	1618.8	3		0410	627	92.	1.0	1598.6
1		0215	28	1.	.0	1596.2	2		0315	328	1324.	1477.7	1618.7	3		0415	628	92.	1.0	1598.6
1		0220	29	1.	.0	1596.2	2		0320	329	1323.	1469.9	1618.7	3		0420	629	92.	1.0	1598.6
1		0225	30	1.	.0	1596.2	2		0325	330	1322.	1462.2	1618.7	3		0425	630	92.	1.0	1598.6
1		0230	31	1.	.0	1596.2	2		0330	331	1321.	1454.5	1618.6	3		0430	631	92.	1.0	1598.6
1		0235	32	1.	.0	1596.2	2		0335	332	1320.	1446.7	1618.6	3		0435	632	92.	1.0	1598.6
1		0240	33	1.	.0	1596.2	2		0340	333	1319.	1439.0	1618.5	3		0440	633	92.	1.0	1598.6
1		0245	34	1.	.0	1596.2	2		0345	334	1318.	1431.2	1618.5	3		0445	634	92.	1.0	1598.6
1		0250	35	1.	.0	1596.2	2		0350	335	1317.	1423.5	1618.5	3		0450	635	92.	1.0	1598.6
1		0255	36	1.	.0	1596.2	2		0355	336	1316.	1415.7	1618.4	3		0455	636	92.	1.0	1598.6
1		0300	37	1.	.0	1596.2	2		0400	337	1315.	1407.9	1618.4	3		0500	637	92.	1.0	1598.6
1		0305	38	1.	.0	1596.2	2		0405	338	1314.	1400.1	1618.4	3		0505	638	92.	1.0	1598.6
1		0310	39	1.	.0	1596.2	2		0410	339	1313.	1392.3	1618.3	3		0510	639	92.	1.0	1598.6
1		0315	40	1.	.0	1596.2	2		0415	340	1312.	1384.5	1618.3	3		0515	640	92.	1.0	1598.6
1		0320	41	1.	.0	1596.2	2		0420	341	1311.	1376.6	1618.3	3		0520	641	92.	1.0	1598.6
1		0325	42	2.	.0	1596.2	2		0425	342	1310.	1368.8	1618.2	3		0525	642	92.	1.0	1598.6
1		0330	43	2.	.0	1596.2	2		0430	343	1309.	1360.9	1618.2	3		0530	643	92.	1.0	1598.6
1		0335	44	2.	.0	1596.2	2		0435	344	1308.	1353.0	1618.2	3		0535	644	92.	1.0	1598.6
1		0340	45	2.	.0	1596.2	2		0440	345	1306.	1345.2	1618.1	3		0540	645	92.	1.0	1598.6
1		0345	46	2.	.0	1596.2	2		0445	346	1305.	1337.3	1618.1	3		0545	646	92.	1.0	1598.6
1		0350	47	2.	.0	1596.2	2		0450	347	1304.	1329.4	1618.1	3		0550	647	92.	1.0	1598.6
1		0355	48	3.	.0	1596.2	2		0455	348	1303.	1321.5	1618.0	3		0555	648	92.	1.0	1598.6
1		0400	49	3.	.0	1596.2	2		0500	349	1302.	1313.6	1618.0	3		0600	649	92.	1.0	1598.6
1		0405	50	3.	.0	1596.2	2		0505	350	1301.	1305.7	1617.9	3		0605	650	92.	1.0	1598.6
1		0410	51	3.	.0	1596.2	2		0510	351	1300.	1297.8	1617.9	3		0610	651	92.	1.0	1598.6
1		0415	52	3.	.0	1596.2	2		0515	352	1299.	1289.9	1617.9	3		0615	652	92.	1.0	1598.6
1		0420	53	3.	.0	1596.2	2		0520	353	1298.	1282.0	1617.8	3		0620	653	92.	1.0	1598.6
1		0425	54	3.	.0	1596.2	2		0525	354	1297.	1274.1	1617.8	3		0625	654	92.	1.0	1598.6
1		0430	55	3.	.0	1596.2	2		0530	355	1296.	1266.2	1617.8	3		0630	655	92.	1.0	1598.6
1		0435	56	4.	.0	1596.2	2		0535	356	1295.	1258.2	1617.7	3		0635	656	92.	1.0	1598.6
1		0440	57	4.	.0	1596.2	2		0540	357	1294.	1250.3	1617.7	3		0640	657	92.	1.0	1598.6
1		0445	58	4.	.0	1596.2	2		0545	358	1293.	1242.4	1617.7	3		0645	658	92.	1.0	1598.6
1		0450	59	4.	.0	1596.2	2		0550	359	1292.	1234.5	1617.6	3		0650	659	92.	1.0	1598.6
1		0455	60	4.	.0	1596.2	2		0555	360	1291.	1226.6	1617.6	3		0655	660	92.	1.0	1598.6
1		0500	61	4.	.0	1596.2	2		0600	361	1289.	1218.7	1617.6	3		0700	661	92.	1.0	1598.6
1		0505	62	4.	.0	1596.2	2		0605	362	1288.	1210.8	1617.5	3		0705	662	92.	1.0	1598.6
1		0510	63	4.	.0	1596.2	2		0610	363	1287.	1202.9	1617.5	3		0710	663	92.	1.0	1598.6
1		0515	64	4.	.0	1596.2	2		0615	364	1286.	1194.9	1617.4	3		0715	664	92.	1.0	1598.6
1		0520	65	5.	.0	1596.2	2		0620	365	1285.	1187.0	1617.4	3		0720	665	92.	1.0	1598.6
1		0525	66	5.	.0	1596.2	2		0625	366	1284.	1179.1	1617.4	3		0725	666	92.	1.0	1598.6
1		0530	67	5.	.0	1596.2	2		0630	367	1283.	1171.2	1617.3	3		0730	667	92.	1.0	1598.6
1		0535	68	23.	.0	1596.3	2		0635	368	1281.	1163.2	1617.3	3		0735	668	92.	1.0	1598.6
1		0540	69	40.	.0	1596.4	2		0640	369	1280.	1155.3	1617.2	3		0740	669	92.	1.0	1598.6
1		0545	70	145.	.0	1597.1	2		0645	370	1278.	1147.4	1617.2	3		0745	670	92.	1.0	1598.6
1		0550	71	249.	.0	1597.7	2		0650	371	1277.	1139.5	1617.1	3		0750	671	92.	1.0	1598.6
1		0555	72	475.	.0	1599.2	2		0655	372	1276.	1131.6	1617.1	3		0755	672	92.	1.0	1598.6
1		0600	73	515.	.6	1599.7	2		0700	373	1274.	1123.6	1617.1	3		0800	673	92.	1.0	1598.6
1		0605	74	593.	2.2	1600.8	2		0705	374	1273.	1115.7	1617.0	3		0805	674	92.	1.0	1598.6
1		0610	75	687.	4.2	1602.2	2		0710	375	1271.	1107.8	1617.0	3		0810	675	92.	1.0	1598.6
1		0615	76	704.	6.2	1602.6	2		0715	376	1270.	1099.9	1616.9	3		0815	676	92.	1.0	1598.6
1		0620	77	718.	7.8	1602.9	2		0720	377	1269.	1091.9	1616.9	3		0820	677	92.	1.0	1598.6
1		0625	78	728.	8.9	1603.1	2		0725	378	1267.	1084.0	1616.8	3		0825	678	92.	1.0	1598.6
1		0630	79	732.	9.5	1603.1	2		0730	379	1266.	1076.1	1616.8	3		0830	679	92.	1.0	1598.6
1		0635	80	733.	9.6	1603.2	2		0735	380	1265.	1068.2	1616.7	3		0835	680	92.	1.0	1598.6
1		0640	81	730.	9.3	1603.1	2		0740	381	1263.	1060.3	1616.7	3		0840	681	92.	1.0	1598.6
1		0645	82	724.	8.5	1603.0	2		0745	382	1262.	1052.3	1616.7	3		0845	682	92.	1.0	1598.6
1		0650	83	714.	7.4	1602.8	2		0750	383	1260.	1044.4	1616.6	3		0850	683	92.	1.0	1598.6
1		0655	84	701.	5.9	1602.5	2		0755	384	1259.	1036.5	1616.6	3		0855	684	92.	1.0	1598.6
1		0700	85	686.	4.1	1602.2	2		0800	385	1258.	1028.6	1616.5	3		0900	685	92.	1.0	1598.6
1		0705	86	599.	2.3	1600.9	2		0805	386	1256.	1020.7	1616.5	3		0905	686	92.	1.0	1598.6
1		0710	87	528.	.9	1599.9	2		0810	387	1255.	1012.8	1616.4	3		0910	687	92.	1.0	1598.6
1		0715	88	391.	.3	1599.1	2		0815	388	1253.	1004.9	1616.4	3		0915	688	92.	1.0	1598.6
1		0720	89	487.	.1	1599.3	2		0820	389	1252.	997.0	1616.3	3		0920	689	92.	1.0	1598.6
1		0725	90	434.	-.1	1598.7	2		0825	390	1251.	989.1	1616.3	3		0925	690	92.	1.0	1598.6
1		0730	91	428.	-.1	1598.7	2		0830	391	1249.	981.2	1616.2	3		0930	691	92.	1.0	1598.6
1		0735	92	416.	-.1	1598.6	2		0835	392	1248.	973.4	1616.2	3		0935	692	92.	1.0	1598.6
1		0740	93	404.	-.1	1598.6	2		0840	393	1247.	965.5	1616.2	3		0940	693	92.	1.0	1598.6
1		0745	94	386.	-.1	1598.4	2		0845	394	1245.	957.6	1616.1	3		0945	694	92.	1.0	1598.6
1		0750	95	367.	-.1	1598.3	2		0850	395	1244.	949.8	1616.1	3		0950	695	92.	1.0	1598.6
1		0755	96	516.	.7	1599.7	2		0855	396	1242.	941.9	1616.0	3		0955	696	92.	1.0	1598.6
1		0800	97	634.	3.0	1601.4	2		0900	397	1241.	934.1	1616.0	3		1000	697	92.	1.0	1598.6

1	0805	98	714.	7.4	1602.8	*	2	0905	398	1240.	926.3	1615.9	*	3	1005	698	92.	1.0	1598.6
1	0810	99	773.	14.2	1604.0	*	2	0910	399	1238.	918.5	1615.9	*	3	1010	699	92.	1.0	1598.6
1	0815	100	850.	23.3	1605.5	*	2	0915	400	1237.	910.6	1615.9	*	3	1015	700	92.	1.0	1598.6
1	0820	101	931.	34.3	1607.4	*	2	0920	401	1236.	902.8	1615.8	*	3	1020	701	92.	1.0	1598.6
1	0825	102	975.	46.9	1608.4	*	2	0925	402	1234.	895.0	1615.8	*	3	1025	702	92.	1.0	1598.6
1	0830	103	984.	60.9	1608.6	*	2	0930	403	1233.	887.2	1615.7	*	3	1030	703	92.	1.0	1598.6
1	0835	104	993.	75.4	1608.9	*	2	0935	404	1232.	879.4	1615.7	*	3	1035	704	92.	1.0	1598.6
1	0840	105	1001.	89.2	1609.1	*	2	0940	405	1230.	871.6	1615.6	*	3	1040	705	92.	1.0	1598.6
1	0845	106	1009.	102.3	1609.3	*	2	0945	406	1229.	863.8	1615.6	*	3	1045	706	92.	1.0	1598.6
1	0850	107	1017.	114.6	1609.5	*	2	0950	407	1227.	856.1	1615.5	*	3	1050	707	92.	1.0	1598.6
1	0855	108	1024.	126.1	1609.7	*	2	0955	408	1226.	848.3	1615.5	*	3	1055	708	92.	1.0	1598.6
1	0900	109	1030.	136.6	1609.9	*	2	1000	409	1225.	840.5	1615.5	*	3	1100	709	92.	1.0	1598.6
1	0905	110	1036.	146.2	1610.0	*	2	1005	410	1223.	832.8	1615.4	*	3	1105	710	92.	1.0	1598.6
1	0910	111	1042.	155.0	1610.1	*	2	1010	411	1222.	825.0	1615.4	*	3	1110	711	92.	1.0	1598.6
1	0915	112	1047.	163.0	1610.3	*	2	1015	412	1221.	817.2	1615.3	*	3	1115	712	92.	1.0	1598.6
1	0920	113	1051.	170.5	1610.4	*	2	1020	413	1219.	809.5	1615.3	*	3	1120	713	92.	1.0	1598.6
1	0925	114	1056.	178.3	1610.5	*	2	1025	414	1218.	801.8	1615.2	*	3	1125	714	92.	1.0	1598.6
1	0930	115	1061.	187.0	1610.7	*	2	1030	415	1217.	794.0	1615.2	*	3	1130	715	92.	1.0	1598.6
1	0935	116	1067.	196.5	1610.8	*	2	1035	416	1215.	786.3	1615.1	*	3	1135	716	92.	1.0	1598.6
1	0940	117	1073.	206.5	1611.0	*	2	1040	417	1214.	778.6	1615.1	*	3	1140	717	92.	1.0	1598.6
1	0945	118	1080.	216.4	1611.1	*	2	1045	418	1213.	770.9	1615.1	*	3	1145	718	92.	1.0	1598.6
1	0950	119	1085.	225.5	1611.3	*	2	1050	419	1211.	763.2	1615.0	*	3	1150	719	92.	1.0	1598.6
1	0955	120	1088.	233.8	1611.4	*	2	1055	420	1210.	755.5	1615.0	*	3	1155	720	92.	1.0	1598.6
1	1000	121	1090.	241.4	1611.4	*	2	1100	421	1209.	747.8	1614.9	*	3	1200	721	92.	1.0	1598.6
1	1005	122	1091.	248.2	1611.5	*	2	1105	422	1207.	740.1	1614.9	*	3	1205	722	92.	1.0	1598.6
1	1010	123	1093.	254.4	1611.5	*	2	1110	423	1206.	732.5	1614.8	*	3	1210	723	92.	1.0	1598.6
1	1015	124	1094.	259.8	1611.5	*	2	1115	424	1205.	724.8	1614.8	*	3	1215	724	92.	1.0	1598.6
1	1020	125	1096.	264.6	1611.6	*	2	1120	425	1203.	717.2	1614.8	*	3	1220	725	92.	1.0	1598.6
1	1025	126	1097.	268.9	1611.6	*	2	1125	426	1202.	709.5	1614.7	*	3	1225	726	92.	1.0	1598.6
1	1030	127	1098.	272.6	1611.6	*	2	1130	427	1201.	701.9	1614.7	*	3	1230	727	92.	1.0	1598.6
1	1035	128	1098.	275.8	1611.7	*	2	1135	428	1199.	694.3	1614.6	*	3	1235	728	92.	1.0	1598.6
1	1040	129	1099.	278.5	1611.7	*	2	1140	429	1198.	686.6	1614.6	*	3	1240	729	92.	1.0	1598.6
1	1045	130	1100.	280.8	1611.7	*	2	1145	430	1197.	679.0	1614.5	*	3	1245	730	92.	1.0	1598.6
1	1050	131	1100.	282.6	1611.7	*	2	1150	431	1195.	671.4	1614.5	*	3	1250	731	92.	1.0	1598.6
1	1055	132	1100.	284.2	1611.7	*	2	1155	432	1194.	663.8	1614.5	*	3	1255	732	92.	1.0	1598.6
1	1100	133	1101.	285.4	1611.7	*	2	1200	433	1193.	656.2	1614.4	*	3	1300	733	92.	1.0	1598.6
1	1105	134	1101.	286.2	1611.7	*	2	1205	434	1191.	648.7	1614.4	*	3	1305	734	92.	1.0	1598.6
1	1110	135	1101.	286.8	1611.7	*	2	1210	435	1190.	641.1	1614.3	*	3	1310	735	92.	1.0	1598.6
1	1115	136	1101.	287.1	1611.7	*	2	1215	436	1188.	633.5	1614.3	*	3	1315	736	92.	1.0	1598.6
1	1120	137	1101.	287.1	1611.7	*	2	1220	437	1187.	626.0	1614.2	*	3	1320	737	92.	1.0	1598.6
1	1125	138	1101.	286.9	1611.7	*	2	1225	438	1185.	618.5	1614.2	*	3	1325	738	92.	1.0	1598.6
1	1130	139	1101.	286.4	1611.7	*	2	1230	439	1183.	610.9	1614.1	*	3	1330	739	92.	1.0	1598.6
1	1135	140	1101.	285.8	1611.7	*	2	1235	440	1181.	603.4	1614.1	*	3	1335	740	92.	1.0	1598.6
1	1140	141	1101.	285.0	1611.7	*	2	1240	441	1179.	595.9	1614.0	*	3	1340	741	92.	1.0	1598.6
1	1145	142	1100.	284.1	1611.7	*	2	1245	442	1177.	588.5	1614.0	*	3	1345	742	92.	1.0	1598.6
1	1150	143	1100.	283.1	1611.7	*	2	1250	443	1175.	581.0	1613.9	*	3	1350	743	92.	1.0	1598.6
1	1155	144	1100.	282.1	1611.7	*	2	1255	444	1173.	573.6	1613.8	*	3	1355	744	92.	1.0	1598.6
1	1200	145	1100.	281.2	1611.7	*	2	1300	445	1171.	566.1	1613.8	*	3	1400	745	92.	1.0	1598.6
1	1205	146	1099.	280.4	1611.7	*	2	1305	446	1170.	558.7	1613.7	*	3	1405	746	92.	1.0	1598.6
1	1210	147	1099.	279.8	1611.7	*	2	1310	447	1168.	551.3	1613.7	*	3	1410	747	92.	1.0	1598.6
1	1215	148	1099.	279.4	1611.7	*	2	1315	448	1166.	543.9	1613.6	*	3	1415	748	92.	1.0	1598.6
1	1220	149	1099.	279.4	1611.7	*	2	1320	449	1164.	536.5	1613.6	*	3	1420	749	92.	1.0	1598.6
1	1225	150	1099.	279.9	1611.7	*	2	1325	450	1162.	529.1	1613.5	*	3	1425	750	92.	1.0	1598.6
1	1230	151	1100.	281.1	1611.7	*	2	1330	451	1160.	521.7	1613.5	*	3	1430	751	92.	1.0	1598.6
1	1235	152	1100.	283.1	1611.7	*	2	1335	452	1158.	514.4	1613.4	*	3	1435	752	92.	1.0	1598.6
1	1240	153	1101.	286.2	1611.7	*	2	1340	453	1157.	507.0	1613.4	*	3	1440	753	92.	1.0	1598.6
1	1245	154	1102.	290.6	1611.8	*	2	1345	454	1155.	499.7	1613.3	*	3	1445	754	92.	1.0	1598.6
1	1250	155	1103.	296.3	1611.8	*	2	1350	455	1153.	492.4	1613.2	*	3	1450	755	92.	1.0	1598.6
1	1255	156	1105.	303.3	1611.9	*	2	1355	456	1151.	485.1	1613.2	*	3	1455	756	92.	1.0	1598.6
1	1300	157	1107.	311.4	1611.9	*	2	1400	457	1149.	477.8	1613.1	*	3	1500	757	92.	1.0	1598.6
1	1305	158	1109.	320.2	1612.0	*	2	1405	458	1147.	470.5	1613.1	*	3	1505	758	92.	1.0	1598.6
1	1310	159	1112.	329.4	1612.1	*	2	1410	459	1146.	463.3	1613.0	*	3	1510	759	92.	1.0	1598.6
1	1315	160	1114.	338.8	1612.1	*	2	1415	460	1144.	456.0	1613.0	*	3	1515	760	92.	1.0	1598.6
1	1320	161	1117.	348.3	1612.2	*	2	1420	461	1142.	448.8	1612.9	*	3	1520	761	92.	1.0	1598.6
1	1325	162	1119.	357.9	1612.3	*	2	1425	462	1140.	441.6	1612.9	*	3	1525	762	92.	1.0	1598.6
1	1330	163	1121.	367.6	1612.3	*	2	1430	463	1138.	434.4	1612.8	*	3	1530	763	92.	1.0	1598.6
1	1335	164	1124.	377.5	1612.4	*	2	1435	464	1136.	427.2	1612.8	*	3	1535	764	92.	1.0	1598.6
1	1340	165	1127.	387.9	1612.5	*	2	1440	465	1135.	420.0	1612.7	*	3	1540	765	92.	1.0	1598.6
1	1345	166	1129.	398.8	1612.6	*	2	1445	466	1133.	412.8	1612.7	*	3	1545	766	92.	1.0	1598.6
1	1350	167	1132.	410.6	1612.6	*	2	1450	467	1131.	405.6	1612.6	*	3	1550	767	92.	1.0	1598.6
1	1355	168	1136.	423.7	1612.7	*	2	1455	468	1129.	398.5	1612.6	*	3	1555	768	92.	1.0	1598.6
1	1400	169	1139.	438.3	1612.9	*	2	1500	469	1127.	391.4	1612.5	*	3	1600	769	92.	1.0	1598.6
1	1405	170	1143.	455.1	1613.0	*	2	1505	470	1126.	384.2	1612.5	*	3	1605	770	92.	1.0	1598.6
1	1410	171	1148.	474.4	1613.1	*	2	1510	471	1124.	377.1	1612.4	*	3	1610	771	92.	1.0	1598.6
1	1415	172	1154.	497.1	1613.3	*	2	1515	472	1122.	370.0	1612.3	*	3	1615	772	92.	1.0	1598.6
1	1420	173	1161.	523.6	1613.5	*	2	1520	473	1120.	362.9	1612.3	*	3	1620	773	92.	1.0	1598.6
1	1425	174	1168.	553.7	1613.7	*	2	1525	474	1118.	355.9	1612.2	*	3	1625	774	92.	1.0	1598.6
1	1430	175	1177.	586.6	1613.9	*	2	1530	475	1117.	348.8	1612.2	*	3	1630	775	92.	1.0	1598.6
1	1435	176	1185.	621.6	1614.2	*	2	1535	476	1115.	341.7	1612.1	*	3	1635	776	92.	1.0	1598.6
1	1440	177	1193.	658.3	1614.4	*	2	1540	477	1113.	334.7	1612.1	*	3	1640	777	92.	1.0	1598.6
1	1445	178	1200.	696.2	1614.6	*	2	1545	478	1111.	327.7	1612.0	*	3	1645	778	92.	1.0	1598.6
1	1450	179	1206.	735.1	1614.9	*	2	1550	479	1110.	320.7	1612.0	*	3	1650	779	92.	1.0	1598.6
1	1455	180	1213.	774.4	1615.1	*	2	1555	480	1108.	313.7	1611.9	*	3	1655	780	92.	1.0	1598.6
1	1500	181	1220.	813.8	1615.3	*	2	1600	481	1106.	306.7	1611.9	*	3	1700	781	92.	1.0	1598.6
1	1505	182	1227.	853.1	1615.5	*	2	1605	482	1104.	299.7	1611.8	*	3	1705	782	92.	1.0	1598.6
1	1510	183	1234.	891.8	1615.7	*	2	1610	483	1103.	292.7	1611.8	*	3	1710	783	92.	1.0	1598.6
1	1515	184	1240.	929.9	1616.0	*	2	1615	484	1101.	285.8	1611.7	*	3	1715	784	92.	1.0	1598.6
1	1520	185	1247.	967.1	1616.2	*	2	1620	485	1099.	278.8	1611.7	*	3	1720	785	92.	1.0	1598.6
1	1525	186	1253.	1003.3	1616.4	*	2	1625	486	1097.	271.9	1611.6	*	3	1725	786	92.	1.0	1598.6
1	1530	187	1259.	1038.3	1616.6	*	2	1630	487	1096.	265.0	1611.6	*	3	1730	787	92.	1.0	1598.6
1	1535	188	1265.	1072.3	1616.8	*	2	1635	488	1094.	258.1	1611.5	*	3	1735	788	92.	1.0	1598.6
1	1540	189	1271.	1105.2	1616.9	*	2	1640	489	1092.	251.2	1611.5	*	3	1740	789	92.	1.0	1598.6
1	1545	190	1277.	1136.9	1617.1	*	2	1645	490	1090.	244.3	1611.4	*	3	1745	790	92.	1.0	1598.6
1	1550	191	1282.	1167.6	1617.3	*	2	1650	491	1089.	237.4	1611.4	*	3	1750	791	92.	1.0	1598.6
1	1555	192	1287.	1197.1	1617.5	*	2	1655	492	1087.	230.6	1611.3	*	3	1755	792	92.	1.0	1598.6
1	1600	193	1290.	1225.6	1617.6	*	2	1700	493	1084.	223.7	1611.2	*	3	1800	793	92.	1.0	1598.6
1	1605	194	1294.	1253.2	1617.7	*	2	1705	494	1080.	216.9	1611.1	*	3	1805	794	92.	1.0	1598.6
1	1610	195	1298.	1279.9	1617.8	*	2	1710	495	1076.	210.1	1611.0	*	3	1810	795	92.	1.0	1598.6
1	1615	196	1301.	1305.9	1617.9	*	2	1715	496	1072.	203.4	1610.9	*	3	1815	796	92.	1.0	1598.6
1	1620	197	1305.	1331.0	1618.1	*	2	1720	497	1067.	196.6	1610.8	*	3	1820	797	92.	1.0	1598.6
1	1625	198	1308.	1355.6	1618.2	*	2	1725	498	1063.	189.9	1610.7	*	3	1825	798	92.	1.0	1598.6
1	1630	199	1311.	1379.6	1618.3	*	2	1730	499	1059.	183.3	1610.6	*	3	1830	799	92.	1.0	1598.6
1	1635	200	1314.	1403.0	1618.4	*	2	1735	500	1055.	176.6	1610.5	*	3	1835	800	92.	1.0	1598.6
1	1640	201	1317.	1426.1	1618.5	*	2	1740	501	1051.	170.0	1610.4	*	3	1840	801	92.	1.0	1598.6
1	1645	202	1320.	1448.7	1618.6	*	2	1745	502	1047.	163.4	1610.3	*	3	1845	802	92.	1.0	1598.6
1	1650	203	1323.	1471.0	1618.7	*	2	1750	503	1043.	156.8	1610.2	*	3	1850	803	92.	1.0	1598.6

1	1655	204	1326.	1492.9	1618.8	*	2	1755	504	1039.	150.3	1610.1	*	3	1855	804	92.	1.0	1598.6
1	1700	205	1329.	1514.4	1618.9	*	2	1800	505	1035.	143.8	1610.0	*	3	1900	805	92.	1.0	1598.6
1	1705	206	1332.	1535.6	1619.0	*	2	1805	506	1031.	137.3	1609.9	*	3	1905	806	92.	1.0	1598.6
1	1710	207	1335.	1556.4	1619.1	*	2	1810	507	1027.	130.9	1609.8	*	3	1910	807	92.	1.0	1598.6
1	1715	208	1338.	1576.9	1619.2	*	2	1815	508	1023.	124.4	1609.7	*	3	1915	808	92.	1.0	1598.6
1	1720	209	1340.	1597.1	1619.3	*	2	1820	509	1019.	118.0	1609.6	*	3	1920	809	92.	1.0	1598.6
1	1725	210	1343.	1616.9	1619.4	*	2	1825	510	1015.	111.7	1609.5	*	3	1925	810	92.	1.0	1598.6
1	1730	211	1346.	1636.5	1619.4	*	2	1830	511	1011.	105.3	1609.4	*	3	1930	811	92.	1.0	1598.6
1	1735	212	1348.	1655.8	1619.5	*	2	1835	512	1007.	99.0	1609.2	*	3	1935	812	92.	1.0	1598.6
1	1740	213	1351.	1674.7	1619.6	*	2	1840	513	1004.	92.7	1609.1	*	3	1940	813	92.	1.0	1598.6
1	1745	214	1353.	1693.2	1619.7	*	2	1845	514	1000.	86.4	1609.0	*	3	1945	814	92.	1.0	1598.6
1	1750	215	1356.	1711.3	1619.8	*	2	1850	515	996.	80.2	1608.9	*	3	1950	815	92.	1.0	1598.6
1	1755	216	1358.	1728.9	1619.9	*	2	1855	516	992.	74.0	1608.8	*	3	1955	816	92.	1.0	1598.6
1	1800	217	1360.	1746.1	1619.9	*	2	1900	517	988.	67.8	1608.7	*	3	2000	817	92.	1.0	1598.6
1	1805	218	1363.	1762.7	1620.0	*	2	1905	518	984.	61.6	1608.7	*	3	2005	818	92.	1.0	1598.6
1	1810	219	1365.	1778.8	1620.1	*	2	1910	519	981.	55.5	1608.6	*	3	2010	819	92.	1.0	1598.6
1	1815	220	1367.	1794.4	1620.2	*	2	1915	520	977.	49.4	1608.5	*	3	2015	820	92.	1.0	1598.6
1	1820	221	1369.	1809.5	1620.2	*	2	1920	521	973.	43.3	1608.4	*	3	2020	821	92.	1.0	1598.6
1	1825	222	1371.	1823.9	1620.3	*	2	1925	522	953.	37.3	1607.9	*	3	2025	822	92.	1.0	1598.6
1	1830	223	1373.	1837.5	1620.4	*	2	1930	523	911.	31.5	1606.9	*	3	2030	823	92.	1.0	1598.6
1	1835	224	1374.	1850.4	1620.4	*	2	1935	524	870.	26.0	1606.0	*	3	2035	824	92.	1.0	1598.6
1	1840	225	1375.	1862.5	1620.4	*	2	1940	525	831.	20.8	1605.1	*	3	2040	825	92.	1.0	1598.6
1	1845	226	1376.	1873.9	1620.5	*	2	1945	526	788.	15.9	1604.3	*	3	2045	826	92.	1.0	1598.6
1	1850	227	1376.	1884.4	1620.5	*	2	1950	527	748.	11.2	1603.5	*	3	2050	827	92.	1.0	1598.6
1	1855	228	1377.	1894.3	1620.5	*	2	1955	528	710.	6.8	1602.7	*	3	2055	828	92.	1.0	1598.6
1	1900	229	1378.	1903.4	1620.5	*	2	2000	529	628.	2.9	1601.4	*	3	2100	829	92.	1.0	1598.6
1	1905	230	1378.	1912.0	1620.6	*	2	2005	530	92.	1.0	1598.6	*	3	2105	830	92.	1.0	1598.6
1	1910	231	1379.	1919.9	1620.6	*	2	2010	531	92.	1.0	1598.6	*	3	2110	831	92.	1.0	1598.6
1	1915	232	1379.	1927.3	1620.6	*	2	2015	532	92.	1.0	1598.6	*	3	2115	832	92.	1.0	1598.6
1	1920	233	1380.	1934.2	1620.6	*	2	2020	533	92.	1.0	1598.6	*	3	2120	833	92.	1.0	1598.6
1	1925	234	1380.	1940.7	1620.6	*	2	2025	534	92.	1.0	1598.6	*	3	2125	834	92.	1.0	1598.6
1	1930	235	1381.	1946.5	1620.7	*	2	2030	535	92.	1.0	1598.6	*	3	2130	835	92.	1.0	1598.6
1	1935	236	1381.	1951.9	1620.7	*	2	2035	536	92.	1.0	1598.6	*	3	2135	836	92.	1.0	1598.6
1	1940	237	1381.	1956.7	1620.7	*	2	2040	537	92.	1.0	1598.6	*	3	2140	837	92.	1.0	1598.6
1	1945	238	1382.	1961.0	1620.7	*	2	2045	538	92.	1.0	1598.6	*	3	2145	838	92.	1.0	1598.6
1	1950	239	1382.	1964.7	1620.7	*	2	2050	539	92.	1.0	1598.6	*	3	2150	839	92.	1.0	1598.6
1	1955	240	1382.	1967.7	1620.7	*	2	2055	540	92.	1.0	1598.6	*	3	2155	840	92.	1.0	1598.6
1	2000	241	1382.	1970.0	1620.7	*	2	2100	541	92.	1.0	1598.6	*	3	2200	841	92.	1.0	1598.6
1	2005	242	1382.	1971.4	1620.7	*	2	2105	542	92.	1.0	1598.6	*	3	2205	842	92.	1.0	1598.6
1	2010	243	1382.	1971.7	1620.7	*	2	2110	543	92.	1.0	1598.6	*	3	2210	843	92.	1.0	1598.6
1	2015	244	1382.	1971.3	1620.7	*	2	2115	544	92.	1.0	1598.6	*	3	2215	844	92.	1.0	1598.6
1	2020	245	1382.	1970.5	1620.7	*	2	2120	545	92.	1.0	1598.6	*	3	2220	845	92.	1.0	1598.6
1	2025	246	1382.	1969.4	1620.7	*	2	2125	546	92.	1.0	1598.6	*	3	2225	846	92.	1.0	1598.6
1	2030	247	1382.	1968.0	1620.7	*	2	2130	547	92.	1.0	1598.6	*	3	2230	847	92.	1.0	1598.6
1	2035	248	1382.	1966.4	1620.7	*	2	2135	548	92.	1.0	1598.6	*	3	2235	848	92.	1.0	1598.6
1	2040	249	1382.	1964.5	1620.7	*	2	2140	549	92.	1.0	1598.6	*	3	2240	849	92.	1.0	1598.6
1	2045	250	1382.	1962.4	1620.7	*	2	2145	550	92.	1.0	1598.6	*	3	2245	850	92.	1.0	1598.6
1	2050	251	1382.	1960.1	1620.7	*	2	2150	551	92.	1.0	1598.6	*	3	2250	851	92.	1.0	1598.6
1	2055	252	1381.	1957.6	1620.7	*	2	2155	552	92.	1.0	1598.6	*	3	2255	852	92.	1.0	1598.6
1	2100	253	1381.	1954.9	1620.7	*	2	2200	553	92.	1.0	1598.6	*	3	2300	853	92.	1.0	1598.6
1	2105	254	1381.	1952.0	1620.7	*	2	2205	554	92.	1.0	1598.6	*	3	2305	854	92.	1.0	1598.6
1	2110	255	1381.	1948.9	1620.7	*	2	2210	555	92.	1.0	1598.6	*	3	2310	855	92.	1.0	1598.6
1	2115	256	1381.	1945.7	1620.6	*	2	2215	556	92.	1.0	1598.6	*	3	2315	856	92.	1.0	1598.6
1	2120	257	1380.	1942.2	1620.6	*	2	2220	557	92.	1.0	1598.6	*	3	2320	857	92.	1.0	1598.6
1	2125	258	1380.	1938.6	1620.6	*	2	2225	558	92.	1.0	1598.6	*	3	2325	858	92.	1.0	1598.6
1	2130	259	1380.	1934.8	1620.6	*	2	2230	559	92.	1.0	1598.6	*	3	2330	859	92.	1.0	1598.6
1	2135	260	1380.	1930.8	1620.6	*	2	2235	560	92.	1.0	1598.6	*	3	2335	860	92.	1.0	1598.6
1	2140	261	1379.	1926.7	1620.6	*	2	2240	561	92.	1.0	1598.6	*	3	2340	861	92.	1.0	1598.6
1	2145	262	1379.	1922.3	1620.6	*	2	2245	562	92.	1.0	1598.6	*	3	2345	862	92.	1.0	1598.6
1	2150	263	1379.	1917.9	1620.6	*	2	2250	563	92.	1.0	1598.6	*	3	2350	863	92.	1.0	1598.6
1	2155	264	1378.	1913.3	1620.6	*	2	2255	564	92.	1.0	1598.6	*	3	2355	864	92.	1.0	1598.6
1	2200	265	1378.	1908.5	1620.6	*	2	2300	565	92.	1.0	1598.6	*	4	0000	865	92.	1.0	1598.6
1	2205	266	1378.	1903.6	1620.5	*	2	2305	566	92.	1.0	1598.6	*	4	0005	866	92.	1.0	1598.6
1	2210	267	1377.	1898.6	1620.5	*	2	2310	567	92.	1.0	1598.6	*	4	0010	867	92.	1.0	1598.6
1	2215	268	1377.	1893.5	1620.5	*	2	2315	568	92.	1.0	1598.6	*	4	0015	868	92.	1.0	1598.6
1	2220	269	1377.	1888.2	1620.5	*	2	2320	569	92.	1.0	1598.6	*	4	0020	869	92.	1.0	1598.6
1	2225	270	1376.	1882.8	1620.5	*	2	2325	570	92.	1.0	1598.6	*	4	0025	870	92.	1.0	1598.6
1	2230	271	1376.	1877.3	1620.5	*	2	2330	571	92.	1.0	1598.6	*	4	0030	871	92.	1.0	1598.6
1	2235	272	1376.	1871.6	1620.5	*	2	2335	572	92.	1.0	1598.6	*	4	0035	872	92.	1.0	1598.6
1	2240	273	1375.	1865.9	1620.4	*	2	2340	573	92.	1.0	1598.6	*	4	0040	873	92.	1.0	1598.6
1	2245	274	1375.	1860.0	1620.4	*	2	2345	574	92.	1.0	1598.6	*	4	0045	874	92.	1.0	1598.6
1	2250	275	1374.	1854.0	1620.4	*	2	2350	575	92.	1.0	1598.6	*	4	0050	875	92.	1.0	1598.6
1	2255	276	1374.	1848.0	1620.4	*	2	2355	576	92.	1.0	1598.6	*	4	0055	876	92.	1.0	1598.6
1	2300	277	1373.	1841.8	1620.4	*	3	0000	577	92.	1.0	1598.6	*	4	0100	877	92.	1.0	1598.6
1	2305	278	1372.	1835.6	1620.3	*	3	0005	578	92.	1.0	1598.6	*	4	0105	878	92.	1.0	1598.6
1	2310	279	1371.	1829.3	1620.3	*	3	0010	579	92.	1.0	1598.6	*	4	0110	879	92.	1.0	1598.6
1	2315	280	1371.	1822.9	1620.3	*	3	0015	580	92.	1.0	1598.6	*	4	0115	880	92.	1.0	1598.6
1	2320	281	1370.	1816.4	1620.3	*	3	0020	581	92.	1.0	1598.6	*	4	0120	881	92.	1.0	1598.6
1	2325	282	1369.	1809.9	1620.2	*	3	0025	582	92.	1.0	1598.6	*	4	0125	882	92.	1.0	1598.6
1	2330	283	1368.	1803.4	1620.2	*	3	0030	583	92.	1.0	1598.6	*	4	0130	883	92.	1.0	1598.6
1	2335	284	1367.	1796.7	1620.2	*	3	0035	584	92.	1.0	1598.6	*	4	0135	884	92.	1.0	1598.6
1	2340	285	1366.	1790.1	1620.1	*	3	0040	585	92.	1.0	1598.6	*	4	0140	885	92.	1.0	1598.6
1	2345	286	1365.	1783.4	1620.1	*	3	0045	586	92.	1.0	1598.6	*	4	0145	886	92.	1.0	1598.6
1	2350	287	1364.	1776.6	1620.1	*	3	0050	587	92.	1.0	1598.6	*	4	0150	887	92.	1.0	1598.6
1	2355	288	1363.	1769.8	1620.0	*	3	0055	588	92.	1.0	1598.6	*	4	0155	888	92.	1.0	1598.6
2	0000	289	1363.	1763.0	1620.0	*	3	0100	589	92.	1.0	1598.6	*	4	0200	889	92.	1.0	1598.6
2	0005	290	1362.	1756.1	1620.0	*	3	0105	590	92.	1.0	1598.6	*	4	0205	890	92.	1.0	1598.6
2	0010	291	1361.	1749.3	1620.0	*	3	0110	591	92.	1.0	1598.6	*	4	0210	891	92.	1.0	1598.6
2	0015	292	1360.	1742.4	1619.9	*	3	0115	592	92.	1.0	1598.6	*	4	0215	892	92.	1.0	1598.6
2	0020	293	1359.	1735.4	1619.9	*	3	0120	593	92.	1.0	1598.6	*	4	0220	893	92.	1.0	1598.6
2	0025	294	1358.	1728.5	1619.9	*	3	0125	594	92.	1.0	1598.6	*	4	0225	894	92.	1.0	1598.6
2	0030	295	1357.	1721.5	1619.8	*	3	0130	595	92.	1.0	1598.6	*	4	0230	895	92.	1.0	1598.6
2	0035	296	1356.	1714.5	1619.8	*	3	0135	596	92.	1.0	1598.6	*	4	0235	896	92.	1.0	1598.6
2	0040	297	1355.	1707.5	1619.8	*	3	0140	597	92.	1.0	1598.6	*	4	0240	897	92.	1.0	1598.6
2	0045	298	1354.	1700.4	1619.7	*	3	0145	598	92.	1.0	1598.6	*	4	0245	898	92.	1.0	1598.6
2	0050	299	1353.	1693.3	1619.7	*	3	0150	599	92.	1.0	1598.6	*	4	0250	899	92.	1.0	1598.6
2	0055	300	1352.	1686.2	1619.7	*	3	0155	600	92.	1.0	1598.6	*	4	0255	900	92.	1.0	1598.6
						*							*						

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	PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+	(CFS)	(HR)					
			(CFS)				
+	1382.	20.17		1376.	1296.	666.	640.
			(INCHES)	.067	.254	.391	.391

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                    (AC-FT)      682.       2570.       3962.       3963.

 PEAK STORAGE   TIME                    MAXIMUM AVERAGE STORAGE
                                  6-HR       24-HR       72-HR     74.92-HR
+  (AC-FT)      (HR)
    1972.      20.17              1893.       1322.        481.        462.

  PEAK STAGE    TIME                    MAXIMUM AVERAGE STAGE
                                  6-HR       24-HR       72-HR     74.92-HR
+   (FEET)      (HR)
   1620.72     20.17            1620.49     1617.81     1607.00     1606.58

                    CUMULATIVE AREA =  189.89 SQ MI


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            *            *
 187 KK     *    CBD-O   *
            *            *
            **************

 188 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE

              HYDROGRAPH ROUTING DATA

 189 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP       FLOW  TYPE OF INITIAL CONDITION
                     RSVRIC      -1.00  INITIAL CONDITION
                          X        .00 WORKING R AND D COEFFICIENT

 190 SV            STORAGE          .0      250.0      698.9     1079.8     1654.2     1840.1     2240.2     2648.9     9400.0    13000.0
                                17500.0   23000.0    29200.0    37000.0    46000.0

 192 SE          ELEVATION      1560.70    1595.00    1600.00    1605.00    1610.00    1615.00    1620.00    1625.00    1630.00    1635.00
                                1640.00    1645.00    1650.00    1655.00    1660.00

 194 SQ          DISCHARGE           0.       132.       215.       243.       268.       290.       311.       330.       347.       365.
                                   381.       398.       413.       428.       442.       455.       468.       481.       493.

 196 SE          ELEVATION      1560.70    1570.00    1580.00    1585.00    1590.00    1595.00    1600.00    1605.00    1610.00    1615.00
                                1620.00    1625.00    1630.00    1635.00    1640.00    1645.00    1650.00    1655.00    1660.00

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                                   COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

            STORAGE        .00      67.78     140.67     177.11     213.56     250.00     698.90    1079.80    1654.20    1840.10
            OUTFLOW        .00     132.00     215.00     243.00     268.00     290.00     311.00     330.00     347.00     365.00
          ELEVATION    1560.70    1570.00    1580.00    1585.00    1590.00    1595.00    1600.00    1605.00    1610.00    1615.00

            STORAGE    2240.20    2648.90    9400.00   13000.00   17500.00   23000.00   29200.00   37000.00   46000.00
            OUTFLOW     381.00     398.00     413.00     428.00     442.00     455.00     468.00     481.00     493.00
          ELEVATION    1620.00    1625.00    1630.00    1635.00    1640.00    1645.00    1650.00    1655.00    1660.00

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                                                HYDROGRAPH AT STATION     CBD-O

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 DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE
                                           *                                          *
  1     0000   1      0.       .0  1560.7 *  2     0100 301     340.  1407.3  1607.9 *  3     0200 601     394.  2546.7  1623.7
  1     0005   2      0.       .0  1560.7 *  2     0105 302     340.  1414.3  1607.9 *  3     0205 602     394.  2544.6  1623.7
  1     0010   3      0.       .0  1560.7 *  2     0110 303     340.  1421.2  1608.0 *  3     0210 603     394.  2542.5  1623.7
  1     0015   4      0.       .0  1560.7 *  2     0115 304     340.  1428.2  1608.0 *  3     0215 604     393.  2540.4  1623.7
  1     0020   5      0.       .0  1560.7 *  2     0120 305     341.  1435.1  1608.1 *  3     0220 605     393.  2538.4  1623.6
  1     0025   6      0.       .0  1560.7 *  2     0125 306     341.  1442.1  1608.2 *  3     0225 606     393.  2536.3  1623.6
  1     0030   7      0.       .0  1560.7 *  2     0130 307     341.  1449.0  1608.2 *  3     0230 607     393.  2534.2  1623.6
  1     0035   8      0.       .0  1560.7 *  2     0135 308     341.  1455.9  1608.3 *  3     0235 608     393.  2532.1  1623.6
  1     0040   9      0.       .0  1560.7 *  2     0140 309     341.  1462.8  1608.3 *  3     0240 609     393.  2530.1  1623.5
  1     0045  10      0.       .0  1560.7 *  2     0145 310     342.  1469.7  1608.4 *  3     0245 610     393.  2528.0  1623.5
  1     0050  11      0.       .0  1560.7 *  2     0150 311     342.  1476.6  1608.5 *  3     0250 611     393.  2525.9  1623.5
  1     0055  12      0.       .0  1560.7 *  2     0155 312     342.  1483.5  1608.5 *  3     0255 612     393.  2523.8  1623.5
  1     0100  13      0.       .0  1560.7 *  2     0200 313     342.  1490.3  1608.6 *  3     0300 613     393.  2521.8  1623.4
  1     0105  14      0.       .0  1560.7 *  2     0205 314     342.  1497.2  1608.6 *  3     0305 614     393.  2519.7  1623.4
  1     0110  15      0.       .0  1560.7 *  2     0210 315     343.  1504.1  1608.7 *  3     0310 615     393.  2517.6  1623.4
  1     0115  16      0.       .0  1560.7 *  2     0215 316     343.  1510.9  1608.8 *  3     0315 616     392.  2515.6  1623.4
  1     0120  17      0.       .0  1560.7 *  2     0220 317     343.  1517.7  1608.8 *  3     0320 617     392.  2513.5  1623.3
  1     0125  18      0.       .0  1560.7 *  2     0225 318     343.  1524.6  1608.9 *  3     0325 618     392.  2511.4  1623.3
  1     0130  19      0.       .0  1560.7 *  2     0230 319     343.  1531.4  1608.9 *  3     0330 619     392.  2509.4  1623.3
  1     0135  20      0.       .0  1560.7 *  2     0235 320     344.  1538.2  1609.0 *  3     0335 620     392.  2507.3  1623.3
  1     0140  21      0.       .0  1560.7 *  2     0240 321     344.  1545.0  1609.0 *  3     0340 621     392.  2505.2  1623.2
  1     0145  22      0.       .0  1560.7 *  2     0245 322     344.  1551.8  1609.1 *  3     0345 622     392.  2503.2  1623.2
  1     0150  23      0.       .0  1560.7 *  2     0250 323     344.  1558.6  1609.2 *  3     0350 623     392.  2501.1  1623.2
  1     0155  24      0.       .1  1560.7 *  2     0255 324     344.  1565.4  1609.2 *  3     0355 624     392.  2499.0  1623.2
  1     0200  25      0.       .1  1560.7 *  2     0300 325     345.  1572.2  1609.3 *  3     0400 625     392.  2497.0  1623.1
  1     0205  26      0.       .1  1560.7 *  2     0305 326     345.  1578.9  1609.3 *  3     0405 626     392.  2494.9  1623.1
  1     0210  27      0.       .1  1560.7 *  2     0310 327     345.  1585.7  1609.4 *  3     0410 627     392.  2492.8  1623.1
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  1     0220  29      0.       .1  1560.7 *  2     0320 329     345.  1599.2  1609.5 *  3     0420 629     391.  2488.7  1623.0
  1     0225  30      0.       .1  1560.7 *  2     0325 330     346.  1605.9  1609.6 *  3     0425 630     391.  2486.7  1623.0
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  1     0235  32      0.       .1  1560.7 *  2     0335 332     346.  1619.3  1609.7 *  3     0435 632     391.  2482.5  1623.0
  1     0240  33      0.       .1  1560.7 *  2     0340 333     346.  1626.0  1609.8 *  3     0440 633     391.  2480.5  1622.9
  1     0245  34      0.       .1  1560.7 *  2     0345 334     346.  1632.7  1609.8 *  3     0445 634     391.  2478.4  1622.9
  1     0250  35      0.       .1  1560.7 *  2     0350 335     347.  1639.4  1609.9 *  3     0450 635     391.  2476.4  1622.9
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1	0255	36	0.	.1	1560.7	*	2	0355	336	347.	1646.1	1609.9	*	3	0455	636	391.	2474.3	1622.9
1	0300	37	0.	.1	1560.7	*	2	0400	337	347.	1652.8	1610.0	*	3	0500	637	391.	2472.2	1622.8
1	0305	38	0.	.1	1560.7	*	2	0405	338	348.	1659.4	1610.1	*	3	0505	638	391.	2470.2	1622.8
1	0310	39	0.	.1	1560.7	*	2	0410	339	348.	1666.1	1610.3	*	3	0510	639	390.	2468.1	1622.8
1	0315	40	0.	.1	1560.7	*	2	0415	340	349.	1672.7	1610.5	*	3	0515	640	390.	2466.1	1622.8
1	0320	41	0.	.1	1560.7	*	2	0420	341	349.	1679.3	1610.7	*	3	0520	641	390.	2464.0	1622.7
1	0325	42	0.	.2	1560.7	*	2	0425	342	350.	1686.0	1610.9	*	3	0525	642	390.	2462.0	1622.7
1	0330	43	0.	.2	1560.7	*	2	0430	343	351.	1692.6	1611.0	*	3	0530	643	390.	2459.9	1622.7
1	0335	44	0.	.2	1560.7	*	2	0435	344	351.	1699.2	1611.2	*	3	0535	644	390.	2457.9	1622.7
1	0340	45	0.	.2	1560.7	*	2	0440	345	352.	1705.7	1611.4	*	3	0540	645	390.	2455.8	1622.6
1	0345	46	0.	.2	1560.7	*	2	0445	346	353.	1712.3	1611.6	*	3	0545	646	390.	2453.8	1622.6
1	0350	47	0.	.2	1560.7	*	2	0450	347	353.	1718.9	1611.7	*	3	0550	647	390.	2451.7	1622.6
1	0355	48	0.	.2	1560.7	*	2	0455	348	354.	1725.4	1611.9	*	3	0555	648	390.	2449.7	1622.6
1	0400	49	0.	.2	1560.7	*	2	0500	349	355.	1731.9	1612.1	*	3	0600	649	390.	2447.6	1622.5
1	0405	50	1.	.3	1560.7	*	2	0505	350	355.	1738.5	1612.3	*	3	0605	650	390.	2445.6	1622.5
1	0410	51	1.	.3	1560.7	*	2	0510	351	356.	1745.0	1612.4	*	3	0610	651	389.	2443.5	1622.5
1	0415	52	1.	.3	1560.7	*	2	0515	352	356.	1751.5	1612.6	*	3	0615	652	389.	2441.5	1622.5
1	0420	53	1.	.3	1560.7	*	2	0520	353	357.	1758.0	1612.8	*	3	0620	653	389.	2439.4	1622.4
1	0425	54	1.	.3	1560.7	*	2	0525	354	358.	1764.4	1613.0	*	3	0625	654	389.	2437.4	1622.4
1	0430	55	1.	.3	1560.7	*	2	0530	355	358.	1770.9	1613.1	*	3	0630	655	389.	2435.3	1622.4
1	0435	56	1.	.4	1560.8	*	2	0535	356	359.	1777.3	1613.3	*	3	0635	656	389.	2433.3	1622.4
1	0440	57	1.	.4	1560.8	*	2	0540	357	360.	1783.8	1613.5	*	3	0640	657	389.	2431.2	1622.3
1	0445	58	1.	.4	1560.8	*	2	0545	358	360.	1790.2	1613.7	*	3	0645	658	389.	2429.2	1622.3
1	0450	59	1.	.4	1560.8	*	2	0550	359	361.	1796.6	1613.8	*	3	0650	659	389.	2427.1	1622.3
1	0455	60	1.	.5	1560.8	*	2	0555	360	361.	1803.0	1614.0	*	3	0655	660	389.	2425.1	1622.3
1	0500	61	1.	.5	1560.8	*	2	0600	361	362.	1809.4	1614.2	*	3	0700	661	389.	2423.0	1622.2
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1	0515	64	1.	.5	1560.8	*	2	0615	364	364.	1828.5	1614.7	*	3	0715	664	388.	2416.9	1622.2
1	0520	65	1.	.6	1560.8	*	2	0620	365	364.	1834.9	1614.9	*	3	0720	665	388.	2414.9	1622.1
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1	0550	71	6.	2.8	1561.1	*	2	0650	371	366.	1872.7	1615.4	*	3	0750	671	388.	2402.6	1622.0
1	0555	72	10.	5.3	1561.4	*	2	0655	372	367.	1879.0	1615.5	*	3	0755	672	388.	2400.6	1622.0
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1	0605	74	24.	12.3	1562.4	*	2	0705	374	367.	1891.5	1615.6	*	3	0805	674	388.	2396.5	1621.9
1	0610	75	32.	16.5	1563.0	*	2	0710	375	367.	1897.7	1615.7	*	3	0810	675	387.	2394.5	1621.9
1	0615	76	41.	21.0	1563.6	*	2	0715	376	368.	1903.9	1615.8	*	3	0815	676	387.	2392.5	1621.9
1	0620	77	50.	25.6	1564.2	*	2	0720	377	368.	1910.1	1615.9	*	3	0820	677	387.	2390.4	1621.8
1	0625	78	59.	30.2	1564.8	*	2	0725	378	368.	1916.3	1616.0	*	3	0825	678	387.	2388.4	1621.8
1	0630	79	68.	34.8	1565.5	*	2	0730	379	368.	1922.5	1616.0	*	3	0830	679	387.	2386.4	1621.8
1	0635	80	77.	39.4	1566.1	*	2	0735	380	369.	1928.7	1616.1	*	3	0835	680	387.	2384.3	1621.8
1	0640	81	85.	43.8	1566.7	*	2	0740	381	369.	1934.9	1616.2	*	3	0840	681	387.	2382.3	1621.7
1	0645	82	94.	48.2	1567.3	*	2	0745	382	369.	1941.0	1616.3	*	3	0845	682	387.	2380.3	1621.7
1	0650	83	102.	52.5	1567.9	*	2	0750	383	369.	1947.2	1616.3	*	3	0850	683	387.	2378.2	1621.7
1	0655	84	110.	56.7	1568.5	*	2	0755	384	370.	1953.3	1616.4	*	3	0855	684	387.	2376.2	1621.7
1	0700	85	118.	60.6	1569.0	*	2	0800	385	370.	1959.4	1616.5	*	3	0900	685	387.	2374.2	1621.6
1	0705	86	125.	64.2	1569.5	*	2	0805	386	370.	1965.5	1616.6	*	3	0905	686	386.	2372.2	1621.6
1	0710	87	131.	67.2	1569.9	*	2	0810	387	370.	1971.6	1616.6	*	3	0910	687	386.	2370.1	1621.6
1	0715	88	134.	69.5	1570.2	*	2	0815	388	371.	1977.7	1616.7	*	3	0915	688	386.	2368.1	1621.6
1	0720	89	136.	71.6	1570.5	*	2	0820	389	371.	1983.8	1616.8	*	3	0920	689	386.	2366.1	1621.5
1	0725	90	139.	73.8	1570.8	*	2	0825	390	371.	1989.9	1616.9	*	3	0925	690	386.	2364.1	1621.5
1	0730	91	141.	75.8	1571.1	*	2	0830	391	371.	1995.9	1616.9	*	3	0930	691	386.	2362.0	1621.5
1	0735	92	143.	77.7	1571.4	*	2	0835	392	371.	2002.0	1617.0	*	3	0935	692	386.	2360.0	1621.5
1	0740	93	145.	79.6	1571.6	*	2	0840	393	372.	2008.0	1617.1	*	3	0940	693	386.	2358.0	1621.4
1	0745	94	147.	81.3	1571.8	*	2	0845	394	372.	2014.0	1617.2	*	3	0945	694	386.	2356.0	1621.4
1	0750	95	149.	82.8	1572.1	*	2	0850	395	372.	2020.0	1617.2	*	3	0950	695	386.	2353.9	1621.4
1	0755	96	151.	84.8	1572.3	*	2	0855	396	372.	2026.0	1617.3	*	3	0955	696	386.	2351.9	1621.4
1	0800	97	155.	87.8	1572.7	*	2	0900	397	373.	2032.0	1617.4	*	3	1000	697	386.	2349.9	1621.3
1	0805	98	159.	91.3	1573.2	*	2	0905	398	373.	2038.0	1617.5	*	3	1005	698	385.	2347.9	1621.3
1	0810	99	163.	95.3	1573.8	*	2	0910	399	373.	2043.9	1617.5	*	3	1010	699	385.	2345.8	1621.3
1	0815	100	168.	99.8	1574.4	*	2	0915	400	373.	2049.9	1617.6	*	3	1015	700	385.	2343.8	1621.3
1	0820	101	174.	104.7	1575.1	*	2	0920	401	374.	2055.8	1617.7	*	3	1020	701	385.	2341.8	1621.2
1	0825	102	180.	110.1	1575.8	*	2	0925	402	374.	2061.8	1617.8	*	3	1025	702	385.	2339.8	1621.2
1	0830	103	186.	115.6	1576.6	*	2	0930	403	374.	2067.7	1617.8	*	3	1030	703	385.	2337.8	1621.2
1	0835	104	193.	121.1	1577.3	*	2	0935	404	374.	2073.6	1617.9	*	3	1035	704	385.	2335.7	1621.2
1	0840	105	199.	126.6	1578.1	*	2	0940	405	375.	2079.5	1618.0	*	3	1040	705	385.	2333.7	1621.1
1	0845	106	205.	132.1	1578.8	*	2	0945	406	375.	2085.4	1618.1	*	3	1045	706	385.	2331.7	1621.1
1	0850	107	212.	137.7	1579.6	*	2	0950	407	375.	2091.3	1618.1	*	3	1050	707	385.	2329.7	1621.1
1	0855	108	217.	143.2	1580.3	*	2	0955	408	375.	2097.1	1618.2	*	3	1055	708	385.	2327.7	1621.1
1	0900	109	221.	148.8	1581.1	*	2	1000	409	376.	2103.0	1618.3	*	3	1100	709	385.	2325.7	1621.0
1	0905	110	226.	154.3	1581.9	*	2	1005	410	376.	2108.8	1618.4	*	3	1105	710	384.	2323.7	1621.0
1	0910	111	230.	159.9	1582.6	*	2	1010	411	376.	2114.6	1618.4	*	3	1110	711	384.	2321.6	1621.0
1	0915	112	234.	165.5	1583.4	*	2	1015	412	376.	2120.5	1618.5	*	3	1115	712	384.	2319.6	1621.0
1	0920	113	238.	171.1	1584.2	*	2	1020	413	376.	2126.3	1618.6	*	3	1120	713	384.	2317.6	1620.9
1	0925	114	243.	176.7	1584.9	*	2	1025	414	377.	2132.1	1618.6	*	3	1125	714	384.	2315.6	1620.9
1	0930	115	247.	182.3	1585.7	*	2	1030	415	377.	2137.9	1618.7	*	3	1130	715	384.	2313.6	1620.9
1	0935	116	250.	188.0	1586.5	*	2	1035	416	377.	2143.6	1618.8	*	3	1135	716	384.	2311.6	1620.9
1	0940	117	254.	193.6	1587.3	*	2	1040	417	377.	2149.4	1618.9	*	3	1140	717	384.	2309.6	1620.8
1	0945	118	258.	199.2	1588.0	*	2	1045	418	378.	2155.2	1618.9	*	3	1145	718	384.	2307.6	1620.8
1	0950	119	262.	204.9	1588.8	*	2	1050	419	378.	2160.9	1619.0	*	3	1150	719	384.	2305.5	1620.8
1	0955	120	266.	210.6	1589.6	*	2	1055	420	378.	2166.6	1619.1	*	3	1155	720	384.	2303.5	1620.8
1	1000	121	270.	216.2	1590.4	*	2	1100	421	378.	2172.4	1619.2	*	3	1200	721	384.	2301.5	1620.8
1	1005	122	273.	221.9	1591.1	*	2	1105	422	379.	2178.1	1619.2	*	3	1205	722	383.	2299.5	1620.7
1	1010	123	276.	227.5	1591.9	*	2	1110	423	379.	2183.8	1619.3	*	3	1210	723	383.	2297.5	1620.7
1	1015	124	280.	233.1	1592.7	*	2	1115	424	379.	2189.5	1619.4	*	3	1215	724	383.	2295.5	1620.7
1	1020	125	283.	238.7	1593.5	*	2	1120	425	379.	2195.2	1619.4	*	3	1220	725	383.	2293.5	1620.7
1	1025	126	287.	244.3	1594.2	*	2	1125	426	379.	2200.8	1619.5	*	3	1225	726	383.	2291.5	1620.6
1	1030	127	290.	249.9	1595.0	*	2	1130	427	380.	2206.5	1619.6	*	3	1230	727	383.	2289.5	1620.6
1	1035	128	290.	255.4	1595.1	*	2	1135	428	380.	2212.1	1619.6	*	3	1235	728	383.	2287.5	1620.6
1	1040	129	291.	261.0	1595.1	*	2	1140	429	380.	2217.8	1619.7	*	3	1240	729	383.	2285.5	1620.6
1	1045	130	291.	266.6	1595.2	*	2	1145	430	380.	2223.4	1619.8	*	3	1245	730	383.	2283.5	1620.5
1	1050	131	291.	272.1	1595.2	*	2	1150	431	381.	2229.0	1619.9	*	3	1250	731	383.	2281.5	1620.5
1	1055	132	291.	277.7	1595.3	*	2	1155	432	381.	2234.6	1619.9	*	3	1255	732	383.	2279.5	1620.5
1	1100	133	292.	283.3	1595.4	*	2	1200	433	381.	2240.2	1620.0	*	3	1300	733	383.	2277.5	1620.5
1	1105	134	292.	288.9	1595.4	*	2	1205	434	381.	2245.8	1620.1	*	3	1305	734	382.	2275.5	1620.4
1	1110	135	292.	294.4	1595.5	*	2	1210	435	381.	2251.4	1620.1	*	3	1310	735	382.	2273.5	1620.4
1	1115	136	292.	300.0	1595.6	*	2	1215	436	382.	2256.9	1620.2	*	3	1315	736	382.	2271.5	1620.4
1	1120	137	293.	305.6	1595.6	*	2	1220	437	382.	2262.5	1620.3	*	3	1320	737	382.	2269.5	1620.4
1	1125	138	293.	311.1	1595.7	*	2	1225	438	382.	2268.0	1620.3	*	3	1325	738	382.	2267.5	1620.3
1	1130	139	293.	316.7	1595.7	*	2	1230	439	382.	2273.5	1620.4	*	3	1330	739	382.	2265.5	1620.3
1	1135	140	293.	322.3	1595.8	*	2	1235	440	383.	2279.0	1620.5	*	3	1335	740	382.	2263.5	1620.3
1	1140	141	294.	327.8	1595.9	*	2	1240	441	383.	2284.5	1620.5	*	3	1340	741	382.	2261.5	1620.3

1	1145	142	294.	333.4	1595.9	*	2	1245	442	383.	2290.0	1620.6	*	3	1345	742	382.	2259.5	1620.2
1	1150	143	294.	338.9	1596.0	*	2	1250	443	383.	2295.5	1620.7	*	3	1350	743	382.	2257.5	1620.2
1	1155	144	294.	344.5	1596.1	*	2	1255	444	384.	2300.9	1620.7	*	3	1355	744	382.	2255.5	1620.2
1	1200	145	295.	350.0	1596.1	*	2	1300	445	384.	2306.3	1620.8	*	3	1400	745	382.	2253.5	1620.2
1	1205	146	295.	355.6	1596.2	*	2	1305	446	384.	2311.8	1620.9	*	3	1405	746	381.	2251.5	1620.1
1	1210	147	295.	361.1	1596.2	*	2	1310	447	384.	2317.2	1620.9	*	3	1410	747	381.	2249.5	1620.1
1	1215	148	295.	366.6	1596.3	*	2	1315	448	384.	2322.6	1621.0	*	3	1415	748	381.	2247.5	1620.1
1	1220	149	296.	372.2	1596.4	*	2	1320	449	385.	2327.9	1621.1	*	3	1420	749	381.	2245.5	1620.1
1	1225	150	296.	377.7	1596.4	*	2	1325	450	385.	2333.3	1621.1	*	3	1425	750	381.	2243.5	1620.0
1	1230	151	296.	383.2	1596.5	*	2	1330	451	385.	2338.6	1621.2	*	3	1430	751	381.	2241.6	1620.0
1	1235	152	296.	388.8	1596.5	*	2	1335	452	385.	2344.0	1621.3	*	3	1435	752	381.	2239.6	1620.0
1	1240	153	297.	394.3	1596.6	*	2	1340	453	386.	2349.3	1621.3	*	3	1440	753	381.	2237.6	1620.0
1	1245	154	297.	399.9	1596.7	*	2	1345	454	386.	2354.6	1621.4	*	3	1445	754	381.	2235.6	1619.9
1	1250	155	297.	405.4	1596.7	*	2	1350	455	386.	2359.9	1621.5	*	3	1450	755	381.	2233.6	1619.9
1	1255	156	298.	411.0	1596.8	*	2	1355	456	386.	2365.1	1621.5	*	3	1455	756	381.	2231.6	1619.9
1	1300	157	298.	416.5	1596.9	*	2	1400	457	386.	2370.4	1621.6	*	3	1500	757	381.	2229.6	1619.9
1	1305	158	298.	422.1	1596.9	*	2	1405	458	387.	2375.7	1621.7	*	3	1505	758	380.	2227.6	1619.8
1	1310	159	298.	427.7	1597.0	*	2	1410	459	387.	2380.9	1621.7	*	3	1510	759	380.	2225.6	1619.8
1	1315	160	299.	433.3	1597.0	*	2	1415	460	387.	2386.1	1621.8	*	3	1515	760	380.	2223.7	1619.8
1	1320	161	299.	438.9	1597.1	*	2	1420	461	387.	2391.3	1621.8	*	3	1520	761	380.	2221.7	1619.8
1	1325	162	299.	444.6	1597.2	*	2	1425	462	388.	2396.5	1621.9	*	3	1525	762	380.	2219.7	1619.7
1	1330	163	299.	450.2	1597.2	*	2	1430	463	388.	2401.7	1622.0	*	3	1530	763	380.	2217.7	1619.7
1	1335	164	300.	455.9	1597.3	*	2	1435	464	388.	2406.8	1622.0	*	3	1535	764	380.	2215.7	1619.7
1	1340	165	300.	461.6	1597.4	*	2	1440	465	388.	2412.0	1622.1	*	3	1540	765	380.	2213.7	1619.7
1	1345	166	300.	467.3	1597.4	*	2	1445	466	388.	2417.1	1622.2	*	3	1545	766	380.	2211.8	1619.6
1	1350	167	300.	473.0	1597.5	*	2	1450	467	389.	2422.2	1622.2	*	3	1550	767	380.	2209.8	1619.6
1	1355	168	301.	478.8	1597.5	*	2	1455	468	389.	2427.3	1622.3	*	3	1555	768	380.	2207.8	1619.6
1	1400	169	301.	484.5	1597.6	*	2	1500	469	389.	2432.4	1622.4	*	3	1600	769	380.	2205.8	1619.6
1	1405	170	301.	490.3	1597.7	*	2	1505	470	389.	2437.5	1622.4	*	3	1605	770	380.	2203.8	1619.5
1	1410	171	302.	496.1	1597.7	*	2	1510	471	389.	2442.6	1622.5	*	3	1610	771	379.	2201.8	1619.5
1	1415	172	302.	502.0	1597.8	*	2	1515	472	390.	2447.6	1622.5	*	3	1615	772	379.	2199.9	1619.5
1	1420	173	302.	507.9	1597.9	*	2	1520	473	390.	2452.7	1622.6	*	3	1620	773	379.	2197.9	1619.5
1	1425	174	302.	513.8	1597.9	*	2	1525	474	390.	2457.7	1622.7	*	3	1625	774	379.	2195.9	1619.4
1	1430	175	303.	519.8	1598.0	*	2	1530	475	390.	2462.7	1622.7	*	3	1630	775	379.	2193.9	1619.4
1	1435	176	303.	525.8	1598.1	*	2	1535	476	390.	2467.7	1622.8	*	3	1635	776	379.	2192.0	1619.4
1	1440	177	303.	531.9	1598.1	*	2	1540	477	391.	2472.7	1622.8	*	3	1640	777	379.	2190.0	1619.4
1	1445	178	303.	538.1	1598.2	*	2	1545	478	391.	2477.7	1622.9	*	3	1645	778	379.	2188.0	1619.3
1	1450	179	304.	544.3	1598.3	*	2	1550	479	391.	2482.6	1623.0	*	3	1650	779	379.	2186.0	1619.3
1	1455	180	304.	550.5	1598.3	*	2	1555	480	391.	2487.5	1623.0	*	3	1655	780	379.	2184.0	1619.3
1	1500	181	304.	556.8	1598.4	*	2	1600	481	391.	2492.5	1623.1	*	3	1700	781	379.	2182.1	1619.3
1	1505	182	305.	563.1	1598.5	*	2	1605	482	392.	2497.4	1623.1	*	3	1705	782	379.	2180.1	1619.2
1	1510	183	305.	569.5	1598.6	*	2	1610	483	392.	2502.3	1623.2	*	3	1710	783	379.	2178.1	1619.2
1	1515	184	305.	575.9	1598.6	*	2	1615	484	392.	2507.2	1623.3	*	3	1715	784	378.	2176.2	1619.2
1	1520	185	306.	582.4	1598.7	*	2	1620	485	392.	2512.1	1623.3	*	3	1720	785	378.	2174.2	1619.2
1	1525	186	306.	588.9	1598.8	*	2	1625	486	393.	2516.9	1623.4	*	3	1725	786	378.	2172.2	1619.2
1	1530	187	306.	595.4	1598.8	*	2	1630	487	393.	2521.8	1623.4	*	3	1730	787	378.	2170.2	1619.1
1	1535	188	306.	602.0	1598.9	*	2	1635	488	393.	2526.6	1623.5	*	3	1735	788	378.	2168.3	1619.1
1	1540	189	307.	608.6	1599.0	*	2	1640	489	393.	2531.4	1623.6	*	3	1740	789	378.	2166.3	1619.1
1	1545	190	307.	615.3	1599.1	*	2	1645	490	393.	2536.2	1623.6	*	3	1745	790	378.	2164.3	1619.1
1	1550	191	307.	622.0	1599.1	*	2	1650	491	394.	2541.0	1623.7	*	3	1750	791	378.	2162.4	1619.0
1	1555	192	308.	628.7	1599.2	*	2	1655	492	394.	2545.8	1623.7	*	3	1755	792	378.	2160.4	1619.0
1	1600	193	308.	635.5	1599.3	*	2	1700	493	394.	2550.6	1623.8	*	3	1800	793	378.	2158.4	1619.0
1	1605	194	308.	642.3	1599.4	*	2	1705	494	394.	2555.3	1623.9	*	3	1805	794	378.	2156.5	1619.0
1	1610	195	309.	649.1	1599.4	*	2	1710	495	394.	2560.0	1623.9	*	3	1810	795	378.	2154.5	1618.9
1	1615	196	309.	655.9	1599.5	*	2	1715	496	394.	2564.7	1624.0	*	3	1815	796	377.	2152.5	1618.9
1	1620	197	309.	662.7	1599.6	*	2	1720	497	395.	2569.3	1624.0	*	3	1820	797	377.	2150.6	1618.9
1	1625	198	310.	669.6	1599.7	*	2	1725	498	395.	2574.0	1624.1	*	3	1825	798	377.	2148.6	1618.9
1	1630	199	310.	676.5	1599.8	*	2	1730	499	395.	2578.5	1624.1	*	3	1830	799	377.	2146.6	1618.8
1	1635	200	310.	683.4	1599.8	*	2	1735	500	395.	2583.1	1624.2	*	3	1835	800	377.	2144.7	1618.8
1	1640	201	311.	690.3	1599.9	*	2	1740	501	395.	2587.6	1624.3	*	3	1840	801	377.	2142.7	1618.8
1	1645	202	311.	697.2	1600.0	*	2	1745	502	396.	2592.1	1624.3	*	3	1845	802	377.	2140.7	1618.8
1	1650	203	311.	704.2	1600.1	*	2	1750	503	396.	2596.6	1624.4	*	3	1850	803	377.	2138.8	1618.7
1	1655	204	312.	711.2	1600.2	*	2	1755	504	396.	2601.0	1624.4	*	3	1855	804	377.	2136.8	1618.7
1	1700	205	312.	718.2	1600.3	*	2	1800	505	396.	2605.5	1624.5	*	3	1900	805	377.	2134.8	1618.7
1	1705	206	312.	725.2	1600.3	*	2	1805	506	396.	2609.8	1624.5	*	3	1905	806	377.	2132.9	1618.7
1	1710	207	313.	732.2	1600.4	*	2	1810	507	397.	2614.2	1624.6	*	3	1910	807	377.	2130.9	1618.6
1	1715	208	313.	739.3	1600.5	*	2	1815	508	397.	2618.5	1624.6	*	3	1915	808	377.	2129.0	1618.6
1	1720	209	313.	746.3	1600.6	*	2	1820	509	397.	2622.8	1624.7	*	3	1920	809	376.	2127.0	1618.6
1	1725	210	314.	753.4	1600.7	*	2	1825	510	397.	2627.1	1624.7	*	3	1925	810	376.	2125.0	1618.6
1	1730	211	314.	760.5	1600.8	*	2	1830	511	397.	2631.3	1624.8	*	3	1930	811	376.	2123.1	1618.5
1	1735	212	314.	767.6	1600.9	*	2	1835	512	397.	2635.6	1624.8	*	3	1935	812	376.	2121.1	1618.5
1	1740	213	315.	774.8	1601.0	*	2	1840	513	398.	2639.7	1624.9	*	3	1940	813	376.	2119.2	1618.5
1	1745	214	315.	781.9	1601.1	*	2	1845	514	398.	2643.9	1624.9	*	3	1945	814	376.	2117.2	1618.5
1	1750	215	315.	789.0	1601.2	*	2	1850	515	398.	2648.0	1625.0	*	3	1950	815	376.	2115.3	1618.4
1	1755	216	316.	796.2	1601.3	*	2	1855	516	398.	2652.1	1625.0	*	3	1955	816	376.	2113.3	1618.4
1	1800	217	316.	803.4	1601.4	*	2	1900	517	398.	2656.2	1625.0	*	3	2000	817	376.	2111.3	1618.4
1	1805	218	317.	810.6	1601.5	*	2	1905	518	398.	2660.3	1625.0	*	3	2005	818	376.	2109.4	1618.4
1	1810	219	317.	817.8	1601.6	*	2	1910	519	398.	2664.3	1625.0	*	3	2010	819	376.	2107.4	1618.3
1	1815	220	317.	825.0	1601.7	*	2	1915	520	398.	2668.3	1625.0	*	3	2015	820	376.	2105.5	1618.3
1	1820	221	318.	832.3	1601.8	*	2	1920	521	398.	2672.3	1625.0	*	3	2020	821	376.	2103.5	1618.3
1	1825	222	318.	839.5	1601.8	*	2	1925	522	398.	2676.2	1625.0	*	3	2025	822	375.	2101.6	1618.3
1	1830	223	318.	846.8	1601.9	*	2	1930	523	398.	2679.8	1625.0	*	3	2030	823	375.	2099.6	1618.2
1	1835	224	319.	854.0	1602.0	*	2	1935	524	398.	2683.2	1625.0	*	3	2035	824	375.	2097.7	1618.2
1	1840	225	319.	861.3	1602.1	*	2	1940	525	398.	2686.3	1625.0	*	3	2040	825	375.	2095.7	1618.2
1	1845	226	319.	868.6	1602.2	*	2	1945	526	398.	2689.2	1625.0	*	3	2045	826	375.	2093.8	1618.2
1	1850	227	320.	875.9	1602.3	*	2	1950	527	398.	2691.7	1625.0	*	3	2050	827	375.	2091.8	1618.1
1	1855	228	320.	883.1	1602.4	*	2	1955	528	398.	2694.0	1625.0	*	3	2055	828	375.	2089.9	1618.1
1	1900	229	321.	890.4	1602.5	*	2	2000	529	398.	2695.9	1625.0	*	3	2100	829	375.	2087.9	1618.1
1	1905	230	321.	897.7	1602.6	*	2	2005	530	398.	2695.6	1625.0	*	3	2105	830	375.	2086.0	1618.1
1	1910	231	321.	905.0	1602.7	*	2	2010	531	398.	2693.5	1625.0	*	3	2110	831	375.	2084.0	1618.0
1	1915	232	322.	912.3	1602.8	*	2	2015	532	398.	2691.4	1625.0	*	3	2115	832	375.	2082.1	1618.0
1	1920	233	322.	919.5	1602.9	*	2	2020	533	398.	2689.3	1625.0	*	3	2120	833	375.	2080.1	1618.0
1	1925	234	322.	926.8	1603.0	*	2	2025	534	398.	2687.2	1625.0	*	3	2125	834	375.	2078.2	1618.0
1	1930	235	323.	934.1	1603.1	*	2	2030	535	398.	2685.1	1625.0	*	3	2130	835	374.	2076.2	1618.0
1	1935	236	323.	941.4	1603.2	*	2	2035	536	398.	2682.9	1625.0	*	3	2135	836	374.	2074.3	1617.9
1	1940	237	323.	948.7	1603.3	*	2	2040	537	398.	2680.8	1625.0	*	3	2140	837	374.	2072.4	1617.9
1	1945	238	324.	956.0	1603.4	*	2	2045	538	398.	2678.7	1625.0	*	3	2145	838	374.	2070.4	1617.9
1	1950	239	324.	963.3	1603.5	*	2	2050	539	398.	2676.6	1625.0	*	3	2150	839	374.	2068.5	1617.9
1	1955	240	325.	970.5	1603.6	*	2	2055	540	398.	2674.5	1625.0	*	3	2155	840	374.	2066.5	1617.8
1	2000	241	325.	977.8	1603.7	*	2	2100	541	398.	2672.4	1625.0	*	3	2200	841	374.	2064.6	1617.8
1	2005	242	325.	985.1	1603.8	*	2	2105	542	398.	2670.3	1625.0	*	3	2205	842	374.	2062.6	1617.8
1	2010	243	326.	992.4	1603.9	*	2	2110	543	398.	2668.2	1625.0	*	3	2210	843	374.	2060.7	1617.8
1	2015	244	326.	999.7	1603.9	*	2	2115	544	398.	2666.1	1625.0	*	3	2215	844	374.	2058.8	1617.7
1	2020	245	326.	1006.9	1604.0	*	2	2120	545	398.	2664.0	1625.0	*	3	2220	845	374.	2056.8	1617.7
1	2025	246	327.	1014.2	1604.1	*	2	2125	546	398.	2661.9	1625.0	*	3	2225	846	374.	2054.9	1617.7
1	2030	247	327.	1021.5	1604.2	*	2	2130	547	398.	2659.8	1625.0	*	3	2230	847	374.	2052.9	1617.7

1	2035	248	327.	1028.7	1604.3	*	2	2135	548	398.	2657.6	1625.0	*	3	2235	848	373.	2051.0	1617.6
1	2040	249	328.	1036.0	1604.4	*	2	2140	549	398.	2655.5	1625.0	*	3	2240	849	373.	2049.1	1617.6
1	2045	250	328.	1043.3	1604.5	*	2	2145	550	398.	2653.4	1625.0	*	3	2245	850	373.	2047.1	1617.6
1	2050	251	329.	1050.5	1604.6	*	2	2150	551	398.	2651.3	1625.0	*	3	2250	851	373.	2045.2	1617.6
1	2055	252	329.	1057.8	1604.7	*	2	2155	552	398.	2649.2	1625.0	*	3	2255	852	373.	2043.3	1617.5
1	2100	253	329.	1065.0	1604.8	*	2	2200	553	398.	2647.1	1625.0	*	3	2300	853	373.	2041.3	1617.5
1	2105	254	330.	1072.2	1604.9	*	2	2205	554	398.	2645.0	1625.0	*	3	2305	854	373.	2039.4	1617.5
1	2110	255	330.	1079.5	1605.0	*	2	2210	555	398.	2642.9	1624.9	*	3	2310	855	373.	2037.5	1617.5
1	2115	256	330.	1086.7	1605.1	*	2	2215	556	398.	2640.8	1624.9	*	3	2315	856	373.	2035.5	1617.4
1	2120	257	330.	1094.0	1605.1	*	2	2220	557	398.	2638.7	1624.9	*	3	2320	857	373.	2033.6	1617.4
1	2125	258	331.	1101.2	1605.2	*	2	2225	558	397.	2636.6	1624.8	*	3	2325	858	373.	2031.7	1617.4
1	2130	259	331.	1108.4	1605.2	*	2	2230	559	397.	2634.5	1624.8	*	3	2330	859	373.	2029.7	1617.4
1	2135	260	331.	1115.6	1605.3	*	2	2235	560	397.	2632.4	1624.8	*	3	2335	860	373.	2027.8	1617.3
1	2140	261	331.	1122.9	1605.4	*	2	2240	561	397.	2630.3	1624.8	*	3	2340	861	372.	2025.9	1617.3
1	2145	262	331.	1130.1	1605.4	*	2	2245	562	397.	2628.2	1624.7	*	3	2345	862	372.	2023.9	1617.3
1	2150	263	332.	1137.3	1605.5	*	2	2250	563	397.	2626.1	1624.7	*	3	2350	863	372.	2022.0	1617.3
1	2155	264	332.	1144.5	1605.6	*	2	2255	564	397.	2624.0	1624.7	*	3	2355	864	372.	2020.1	1617.2
1	2200	265	332.	1151.7	1605.6	*	2	2300	565	397.	2621.9	1624.7	*	4	0000	865	372.	2018.1	1617.2
1	2205	266	332.	1158.9	1605.7	*	2	2305	566	397.	2619.8	1624.6	*	4	0005	866	372.	2016.2	1617.2
1	2210	267	333.	1166.1	1605.8	*	2	2310	567	397.	2617.7	1624.6	*	4	0010	867	372.	2014.3	1617.2
1	2215	268	333.	1173.3	1605.8	*	2	2315	568	397.	2615.6	1624.6	*	4	0015	868	372.	2012.3	1617.2
1	2220	269	333.	1180.5	1605.9	*	2	2320	569	397.	2613.5	1624.6	*	4	0020	869	372.	2010.4	1617.1
1	2225	270	333.	1187.7	1605.9	*	2	2325	570	396.	2611.4	1624.5	*	4	0025	870	372.	2008.5	1617.1
1	2230	271	333.	1194.8	1606.0	*	2	2330	571	396.	2609.3	1624.5	*	4	0030	871	372.	2006.6	1617.1
1	2235	272	334.	1202.0	1606.1	*	2	2335	572	396.	2607.2	1624.5	*	4	0035	872	372.	2004.6	1617.1
1	2240	273	334.	1209.2	1606.1	*	2	2340	573	396.	2605.1	1624.5	*	4	0040	873	372.	2002.7	1617.0
1	2245	274	334.	1216.4	1606.2	*	2	2345	574	396.	2603.0	1624.4	*	4	0045	874	371.	2000.8	1617.0
1	2250	275	334.	1223.5	1606.3	*	2	2350	575	396.	2600.9	1624.4	*	4	0050	875	371.	1998.9	1617.0
1	2255	276	334.	1230.7	1606.3	*	2	2355	576	396.	2598.8	1624.4	*	4	0055	876	371.	1996.9	1617.0
1	2300	277	335.	1237.9	1606.4	*	3	0000	577	396.	2596.7	1624.4	*	4	0100	877	371.	1995.0	1616.9
1	2305	278	335.	1245.0	1606.4	*	3	0005	578	396.	2594.6	1624.3	*	4	0105	878	371.	1993.1	1616.9
1	2310	279	335.	1252.1	1606.5	*	3	0010	579	396.	2592.5	1624.3	*	4	0110	879	371.	1991.2	1616.9
1	2315	280	335.	1259.3	1606.6	*	3	0015	580	396.	2590.4	1624.3	*	4	0115	880	371.	1989.3	1616.9
1	2320	281	336.	1266.4	1606.6	*	3	0020	581	395.	2588.4	1624.3	*	4	0120	881	371.	1987.3	1616.8
1	2325	282	336.	1273.5	1606.7	*	3	0025	582	395.	2586.3	1624.2	*	4	0125	882	371.	1985.4	1616.8
1	2330	283	336.	1280.6	1606.7	*	3	0030	583	395.	2584.2	1624.2	*	4	0130	883	371.	1983.5	1616.8
1	2335	284	336.	1287.7	1606.8	*	3	0035	584	395.	2582.1	1624.2	*	4	0135	884	371.	1981.6	1616.8
1	2340	285	336.	1294.8	1606.9	*	3	0040	585	395.	2580.0	1624.2	*	4	0140	885	371.	1979.7	1616.7
1	2345	286	337.	1301.9	1606.9	*	3	0045	586	395.	2577.9	1624.1	*	4	0145	886	371.	1977.7	1616.7
1	2350	287	337.	1309.0	1607.0	*	3	0050	587	395.	2575.8	1624.1	*	4	0150	887	370.	1975.8	1616.7
1	2355	288	337.	1316.1	1607.1	*	3	0055	588	395.	2573.7	1624.1	*	4	0155	888	370.	1973.9	1616.7
2	0000	289	337.	1323.1	1607.1	*	3	0100	589	395.	2571.7	1624.1	*	4	0200	889	370.	1972.0	1616.6
2	0005	290	337.	1330.2	1607.2	*	3	0105	590	395.	2569.6	1624.0	*	4	0205	890	370.	1970.1	1616.6
2	0010	291	338.	1337.3	1607.2	*	3	0110	591	395.	2567.5	1624.0	*	4	0210	891	370.	1968.2	1616.6
2	0015	292	338.	1344.3	1607.3	*	3	0115	592	395.	2565.4	1624.0	*	4	0215	892	370.	1966.2	1616.6
2	0020	293	338.	1351.3	1607.4	*	3	0120	593	394.	2563.3	1624.0	*	4	0220	893	370.	1964.3	1616.6
2	0025	294	338.	1358.4	1607.4	*	3	0125	594	394.	2561.2	1623.9	*	4	0225	894	370.	1962.4	1616.5
2	0030	295	338.	1365.4	1607.5	*	3	0130	595	394.	2559.2	1623.9	*	4	0230	895	370.	1960.5	1616.5
2	0035	296	339.	1372.4	1607.5	*	3	0135	596	394.	2557.1	1623.9	*	4	0235	896	370.	1958.6	1616.5
2	0040	297	339.	1379.4	1607.6	*	3	0140	597	394.	2555.0	1623.9	*	4	0240	897	370.	1956.7	1616.5
2	0045	298	339.	1386.4	1607.7	*	3	0145	598	394.	2552.9	1623.8	*	4	0245	898	370.	1954.8	1616.4
2	0050	299	339.	1393.4	1607.7	*	3	0150	599	394.	2550.8	1623.8	*	4	0250	899	370.	1952.8	1616.4
2	0055	300	339.	1400.3	1607.8	*	3	0155	600	394.	2548.8	1623.8	*	4	0255	900	369.	1950.9	1616.4
						*							*						

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
398.	44.00	(CFS)	398.	391.	338.	325.
		(INCHES)	.019	.077	.199	.199
		(AC-FT)	197.	776.	2012.	2012.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	74.92-HR
2696.	44.00	2650.	2495.	1721.	1654.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	74.92-HR
1625.03	44.00	1624.86	1623.08	1610.82	1608.87

CUMULATIVE AREA = 189.89 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

+	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	CC	6374.	14.92	3951.	1210.	405.	142.29		
+	HYDROGRAPH AT	AW	3120.	8.50	1423.	577.	250.	30.64		
+	2 COMBINED AT	C550	6888.	15.00	4422.	1785.	654.	172.93		
+	HYDROGRAPH AT	EAST	454.	13.00	136.	36.	12.	16.96		
+	2 COMBINED AT	CCD-I	6946.	14.92	4479.	1820.	666.	189.89		
+	ROUTED TO	CCD-O	1382.	20.17	1376.	1296.	666.	189.89		
+									1620.72	20.17
+	ROUTED TO	CBD-O	398.	44.00	398.	391.	338.	189.89		

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+                                                                    1625.03       44.00

*** NORMAL END OF HEC-1 ***
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1*****************************************
 *                                       *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
 *              JUN   1998               *
 *            VERSION 4.1                *
 *                                       *
 *  RUN DATE   06MAR01  TIME  16:28:37   *
 *                                       *
 *****************************************
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*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                    HEC-1 INPUT                                                    PAGE  1

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

    1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File:   FUCBD-10.I
    2           ID           By: Stantec Consulting, Inc.                    Original: 07/22/99
    3           ID          For: Flood Control District of Maricopa County   Revised:
    4           ID
    5           ID        This is a future condition model of the total inflow to Cave Buttes Dam
    6           ID        Inflow hydrographs for Cave Creek and Apache Wash are developed from the
    7           ID        following:
    8           ID
    9           ID        Cave Creek Watershed at Cave Buttes Dam
   10           ID           Combined HEC-1 models from:
   11           ID             1.  George V. Sabol Consulting Engineers FCD 95-28
   12           ID                 Cave Creek Watershed at the Carefree Highway
   13           ID                 Original model dated 06-17-96 by mcg
   14           ID                 GVSCE Project No. 84
   15           ID
   16           ID             2.  Willdan Associates FCD 95-30
   17           ID                 Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   18           ID                 Original model dated 11-29-96
   19           ID                 Willdan Project No. 08855
   20           ID
   21           ID        Model Basis:
   22           ID           10-year, 24-hr rainfall with SCS Type II distribution
   23           ID           Green & Ampt Loss Rate Method
   24           ID           NMIN = 5
   25           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   26           ID           Clark Unit Hydrograph
   27           ID           Modified Puls channel storage routing
   28           ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Company
   29           ID
   30           ID        Apache Wash Watershed at Cave Buttes Dam
   31           ID           Jerry Jones and Associates, Inc. FCD 89-66
   32           ID           Apache Wash Flood Insurance Study
   33           ID           Original model dated 2-15-89
   34           ID
   35           ID        Model Basis:
   36           ID           10-year, 24-hr rainfall with SCS Type IIA distribution
   37           ID           SCS Curve Number with RTIMP
   38           ID           NMIN = 10
   39           ID           SCS dimensionless unit hydrograph
   40           ID
   41           ID
   42           ID        The remaining portion of the Cave Buttes Dam watershed is modeled as a
   43           ID        single basin for existing conditions and is based on the following:
   44           ID           10-year, 24-hour rainfall with SCS Type II distribution
   45           ID           Green & Ampt Loss Rate Method
   46           ID           NMIN = 5
   47           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   48           ID           USGS 7.5 Minutes Series Quadrangle Maps
   49           ID
                *
   50           IT       5                    900
   51           IO       5
   52           IN       5
                *
1                                    HEC-1 INPUT                                                    PAGE  2

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   53           KK      CC
   54           KM        Inflow hydrograph at Cave Buttes Dam from Cave Creek
   55           BA  142.29
   56           QI       0       0       0       0       0       0       0       0       0       0
   57           QI       1       1       1       1       2       2       2       2       2       3
   58           QI       3       3       3       4       4       4       5       5       6       6
   59           QI       6       7       7       8       8       9       9      10      11      11
   60           QI      12      12      13      13      14      15      15      16      17      18
   61           QI      19      20      21      23      25      28      30      33      36      39
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 62          QI     42     45     49     52     56     59     63     67     74     80
 63          QI     85     91     98    105    112    121    131    141    152    161
 64          QI    169    177    183    189    194    199    203    207    211    215
 65          QI    219    223    226    230    234    237    241    245    249    252
 66          QI    256    260    264    268    272    276    281    285    290    295
 67          QI    300    305    311    318    326    333    340    347    354    361
 68          QI    368    376    384    393    403    413    424    435    446    458
 69          QI    469    481    492    504    517    530    544    558    574    593
 70          QI    617    648    689    749    848   1016   1245   1530   1858   2189
 71          QI   2458   2649   2804   2972   3174   3419   3714   4097   4617   5356
 72          QI   6457   7955   9694  11487  13360  15310  17053  18467  19505  20234
 73          QI  20653  20846  20848  20687  20395  20001  19515  18979  18442  17933
 74          QI  17445  16961  16495  16058  15655  15288  14942  14617  14313  14025
 75          QI  13753  13492  13229  12954  12666  12373  12067  11743  11406  11060
 76          QI  10712  10369  10040   9730   9435   9143   8843   8537   8231   7926
 77          QI   7614   7293   7012   6752   6516   6311   6122   5926   5730   5526
 78          QI   5320   5117   4918   4726   4542   4371   4214   4067   3937   3824
 79          QI   3731   3649   3564   3475   3382   3286   3188   3093   2996   2897
 80          QI   2799   2702   2607   2515   2425   2339   2257   2179   2109   2043
 81          QI   1981   1921   1863   1805   1748   1692   1636   1579   1519   1452
 82          QI   1375   1284   1170   1060    984    933    897    870    848    830
 83          QI    813    797    782    767    752    737    722    709    694    680
 84          QI    665    650    636    622    608    595    582    570    559    549
 85          QI    540    531    521    512    503    494    485    477    468    460
 86          QI    452    444    436    428    420    413    405    398    390    383
 87          QI    376    369    362    355    349    342    336    330    324    318
 88          QI    311    305    299    293    287    282    277    271    265    259
 89          QI    252    245    238    231    224    217    210    202    195    188
 90          QI    181    174    167    160    153    146    140    134    128    123
 91          QI    118    115    111    108    105    103    100     97     94     91
 92          QI     88     86     83     81     78     76     74     72     70     68
 93          QI     66     64     62     60     58     56     54     52     50     48
 94          QI     46     44     42     41     40     38     37     35     33     32
 95          QI     30     29     27     25     24     23     21     20     19     18
 96          QI     18     17     16     16     15     15     14     14     13     13
 97          QI     12     12     11     11     10     10      9      9      8      8
 98          QI      7      7      7      6      6      5      5      5      4      4
 99          QI      4      4      3      3      3      3      2      2      2      2
100          QI      2      2      1      1      1      1      1      1      1      1
101          QI      1      1      1      1      1      0      0      0      0      0
102          IN     10
             *
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1 HEC-1 INPUT

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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

103          KK     AW
104          KM       Inflow hydrograph to Cave Buttes Dam from Apache Wash
105          BA   30.64
106          QI      0      1      2      4      5      6      6      6      5      4
107          QI      4      4      4      5      6      7      8      7      6      6
108          QI      7      9      9      9      9     10     12     15     17     19
109          QI     21     26     37     49    335   1217   2448   3071   2721   2227
110          QI   1834   1496   1459   1374   4100   6969   9305  10359  10045   9252
111          QI   8565   8917   9238   8346   7348   6451   5675   5011   4442   3956
112          QI   3539   3175   2855   2580   2349   2158   1996   1851   1717   1598
113          QI   1495   1406   1330   1268   1221   1180   1138   1091   1046   1008
114          QI    976    949    924    904    888    870    847    826    867    990
115          QI   1102   1117   1032    943    875    817    777    777    832    935
116          QI   1052   1142   1200   1255   1317   1382   1417   1366   1268   1171
117          QI   1098   1041    968    889    827    878    885    814    741    676
118          QI    619    570    529    493    462    434    406    380    356    333
119          QI    311    292    275    259    245    233    222    211    202    193
120          QI    183    172    162    151    141      0
121          IN      5
             *

122          KK   C550
123          KO      1                                   21
124          KM       Total inflow from Apache Wash and Cave Creek
125          HC      2
             *

126          KK   EAST
127          KM
128          BA     19
129          QI      0      0      0      0      0      0      0      0      0      0
130          QI      1      1      1      2      3      4      5      6      7      9
131          QI     10     12     13     15     16     18     19     20     21     22
132          QI     23     24     25     26     26     27     27     28     28     28
133          QI     29     29     29     30     30     30     30     30     30     31
134          QI     31     31     31     31     31     31     32     32     32     32
135          QI     33     33     34     34     35     35     36     36     37     37
136          QI     38     38     39     39     39     40     40     40     40     41
137          QI     41     41     41     41     42     42     43     43     43     44
138          QI     44     45     46     46     47     47     48     48     49     49
139          QI     49     50     50     50     51     51     51     52     52     53
140          QI     54     55     56     57     58     59     61     62     64     65
141          QI     67     68     70     71     73     74     75     76     77     79
142          QI     80     82     83     85     87     89     92     95     98    102
143          QI    106    110    119    129    139    178    225    276    347    470
144          QI    619    759    948   1171   1414   1630   1838   2023   2185   2322
145          QI   2429   2485   2505   2495   2433   2337   2213   2067   1909   1743
146          QI   1594   1456   1331   1218   1112   1017    930    848    778    710
147          QI    653    604    550    508    468    430    391    358    336    313
148          QI    290    265    246    227    205    183    161    156    153    150
149          QI    147    145    143    140    138    135    126    116    107     95
150          QI     83     72     70     68     67     66     65     64     63     62
151          QI     61     60     59     58     57     56     55     54     53     52
152          QI     52     51     50     49     49     48     47     47     46     46
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1 HEC-1 INPUT

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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

153          QI     45     45     45     45     44     44     44     43     43     43
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154          QI      42      42      42      41      41      40      39      39      38      38
155          QI      37      37      36      36      35      35      35      34      34      34
156          QI      34      33      33      33      33      33      33      32      32      32
157          QI      32      32      32      32      32      32      32      32      32      32
158          QI      32      32      32      32      31      31      31      30      30      29
159          QI      28      27      26      25      23       0
             *

160          KK   CBD-I
161          KO       1                                  21
162          KM        Total inflow to Cave Buttes Dam
163          HC       2
             *

164          KK   CBD-O
165          KO       1
166          RS       1    FLOW      -1
167          SV       0     250     700    1100    1800    2600    4000    6300    9400   13000
168          SV   17500   23000   29200   37000   46000
169          SE  1560.7    1595    1600    1605    1610    1615    1620    1625    1630    1635
170          SE    1640    1645    1650    1655    1660
171          SQ       0     132     215     243     268     290     311     330     347     365
172          SQ     381     398     413     428     442     455     468     481     493
173          SE  1560.7    1570    1580    1585    1590    1595    1600    1605    1610    1615
174          SE    1620    1625    1630    1635    1640    1645    1650    1655    1660
             *
175          ZZ
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1*****************************************                    *****************************************
*                                         *                    *                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)     *                    *   U.S. ARMY CORPS OF ENGINEERS        *
*              JUN   1998                 *                    *   HYDROLOGIC ENGINEERING CENTER       *
*            VERSION 4.1                  *                    *         609 SECOND STREET             *
*                                         *                    *      DAVIS, CALIFORNIA 95616          *
*  RUN DATE   06MAR01  TIME  16:28:37     *                    *          (916) 756-1104               *
*                                         *                    *                                       *
*****************************************                    *****************************************
```

Upper Cave Creek/Apache Wash Watercourse Master Plan File: FUCBD-10.I
By: Stantec Consulting, Inc. Original: 07/22/99
For: Flood Control District of Maricopa County Revised:

This is a future condition model of the total inflow to Cave Buttes Dam
Inflow hydrographs for Cave Creek and Apache Wash are developed from the
following:

Cave Creek Watershed at Cave Buttes Dam
Combined HEC-1 models from:

1. George V. Sabol Consulting Engineers FCD 95-28
   Cave Creek Watershed at the Carefree Highway
   Original model dated 06-17-96 by mcg
   GVSCE Project No. 84

2. Willdan Associates FCD 95-30
   Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   Original model dated 11-29-96
   Willdan Project No. 08855

Model Basis:
10-year, 24-hr rainfall with SCS Type II distribution
Green & Ampt Loss Rate Method
NMIN = 5
Phoenix Mountain and Desert/Rangeland S-Graph
Clark Unit Hydrograph
Modified Puls channel storage routing
200 Scale 2' CI mapping of study reach by Aerial Mapping Company

Apache Wash Watershed at Cave Buttes Dam
Jerry Jones and Associates, Inc. FCD 89-66
Apache Wash Flood Insurance Study
Original model dated 2-15-89

Model Basis:
10-year, 24-hr rainfall with SCS Type IIA distribution
SCS Curve Number with RTIMP
NMIN = 10
SCS dimensionless unit hydrograph

The remaining portion of the Cave Buttes Dam watershed is modeled as a
single basin for existing conditions and is based on the following:
10-year, 24-hour rainfall with SCS Type II distribution
Green & Ampt Loss Rate Method
NMIN = 5
Phoenix Mountain and Desert/Rangeland S-Graph
USGS 7.5 Minutes Series Quadrangle Maps

```
51 IO          OUTPUT CONTROL VARIABLES
                     IPRNT          5  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

   IT          HYDROGRAPH TIME DATA
                      NMIN          5  MINUTES IN COMPUTATION INTERVAL
                     IDATE      1   0  STARTING DATE
                     ITIME       0000  STARTING TIME
                        NQ        900  NUMBER OF HYDROGRAPH ORDINATES
                    NDDATE      4   0  ENDING DATE
                    NDTIME       0255  ENDING TIME
                     ICENT         19  CENTURY MARK

                COMPUTATION INTERVAL     .08 HOURS
```

TOTAL TIME BASE 74.92 HOURS

ENGLISH UNITS

DRAINAGE AREA	SQUARE MILES
PRECIPITATION DEPTH	INCHES
LENGTH, ELEVATION	FEET
FLOW	CUBIC FEET PER SECOND
STORAGE VOLUME	ACRE-FEET
SURFACE AREA	ACRES
TEMPERATURE	DEGREES FAHRENHEIT

*** ***

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              **************
              *            *
122 KK        *     C550   *
              *            *
              **************

123 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                          Total inflow from Apache Wash and Cave Creek

125 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
                                                   ***
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HYDROGRAPH AT STATION C550
SUM OF 2 HYDROGRAPHS

****

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	5300.	2		1330	451	142.	3		0815	676	142.
1		0005	2	1.	1		1850	227	5103.	2		1335	452	142.	3		0820	677	142.
1		0010	3	1.	1		1855	228	4925.	2		1340	453	142.	3		0825	678	142.
1		0015	4	2.	1		1900	229	4764.	2		1345	454	142.	3		0830	679	142.
1		0020	5	2.	1		1905	230	4677.	2		1350	455	142.	3		0835	680	142.
1		0025	6	3.	1		1910	231	4609.	2		1355	456	142.	3		0840	681	142.
1		0030	7	4.	1		1915	232	4531.	2		1400	457	142.	3		0845	682	142.
1		0035	8	5.	1		1920	233	4449.	2		1405	458	142.	3		0850	683	142.
1		0040	9	5.	1		1925	234	4325.	2		1410	459	142.	3		0855	684	142.
1		0045	10	6.	1		1930	235	4196.	2		1415	460	142.	3		0900	685	142.
1		0050	11	7.	1		1935	236	4064.	2		1420	461	142.	3		0905	686	142.
1		0055	12	7.	1		1940	237	3929.	2		1425	462	142.	3		0910	687	142.
1		0100	13	7.	1		1945	238	3802.	2		1430	463	142.	3		0915	688	142.
1		0105	14	7.	1		1950	239	3672.	2		1435	464	142.	3		0920	689	142.
1		0110	15	8.	1		1955	240	3545.	2		1440	465	142.	3		0925	690	142.
1		0115	16	8.	1		2000	241	3418.	2		1445	466	142.	3		0930	691	142.
1		0120	17	7.	1		2005	242	3297.	2		1450	467	142.	3		0935	692	142.
1		0125	18	7.	1		2010	243	3177.	2		1455	468	142.	3		0940	693	142.
1		0130	19	6.	1		2015	244	3065.	2		1500	469	142.	3		0945	694	142.
1		0135	20	7.	1		2020	245	2954.	2		1505	470	142.	3		0950	695	142.
1		0140	21	7.	1		2025	246	2850.	2		1510	471	142.	3		0955	696	142.
1		0145	22	7.	1		2030	247	2750.	2		1515	472	142.	3		1000	697	142.
1		0150	23	7.	1		2035	248	2657.	2		1520	473	142.	3		1005	698	142.
1		0155	24	8.	1		2040	249	2571.	2		1525	474	142.	3		1010	699	142.
1		0200	25	8.	1		2045	250	2491.	2		1530	475	142.	3		1015	700	142.
1		0205	26	9.	1		2050	251	2415.	2		1535	476	142.	3		1020	701	142.
1		0210	27	10.	1		2055	252	2341.	2		1540	477	142.	3		1025	702	142.
1		0215	28	11.	1		2100	253	2269.	2		1545	478	142.	3		1030	703	142.
1		0220	29	12.	1		2105	254	2198.	2		1550	479	142.	3		1035	704	142.
1		0225	30	13.	1		2110	255	2128.	2		1555	480	142.	3		1040	705	142.
1		0230	31	13.	1		2115	256	2060.	2		1600	481	142.	3		1045	706	142.
1		0235	32	15.	1		2120	257	1992.	2		1605	482	142.	3		1050	707	142.
1		0240	33	15.	1		2125	258	1924.	2		1610	483	142.	3		1055	708	142.
1		0245	34	16.	1		2130	259	1852.	2		1615	484	142.	3		1100	709	142.
1		0250	35	15.	1		2135	260	1774.	2		1620	485	142.	3		1105	710	142.
1		0255	36	16.	1		2140	261	1686.	2		1625	486	142.	3		1110	711	142.
1		0300	37	15.	1		2145	262	1586.	2		1630	487	142.	3		1115	712	142.
1		0305	38	16.	1		2150	263	1462.	2		1635	488	142.	3		1120	713	142.
1		0310	39	17.	1		2155	264	1344.	2		1640	489	142.	3		1125	714	142.
1		0315	40	18.	1		2200	265	1259.	2		1645	490	142.	3		1130	715	142.
1		0320	41	19.	1		2205	266	1200.	2		1650	491	142.	3		1135	716	142.
1		0325	42	20.	1		2210	267	1156.	2		1655	492	142.	3		1140	717	142.
1		0330	43	22.	1		2215	268	1122.	2		1700	493	142.	3		1145	718	142.
1		0335	44	22.	1		2220	269	1093.	2		1705	494	142.	3		1150	719	142.
1		0340	45	23.	1		2225	270	1069.	2		1710	495	142.	3		1155	720	142.
1		0345	46	24.	1		2230	271	1046.	2		1715	496	142.	3		1200	721	142.
1		0350	47	24.	1		2235	272	1025.	2		1720	497	142.	3		1205	722	142.
1		0355	48	25.	1		2240	273	1004.	2		1725	498	142.	3		1210	723	142.
1		0400	49	26.	1		2245	274	984.	2		1730	499	142.	3		1215	724	142.
1		0405	50	28.	1		2250	275	963.	2		1735	500	142.	3		1220	725	142.
1		0410	51	29.	1		2255	276	944.	2		1740	501	142.	3		1225	726	142.
1		0415	52	31.	1		2300	277	924.	2		1745	502	142.	3		1230	727	142.
1		0420	53	33.	1		2305	278	907.	2		1750	503	142.	3		1235	728	142.
1		0425	54	37.	1		2310	279	887.	2		1755	504	142.	3		1240	729	142.
1		0430	55	40.	1		2315	280	868.	2		1800	505	142.	3		1245	730	142.
1		0435	56	44.	1		2320	281	848.	2		1805	506	142.	3		1250	731	142.
1		0440	57	47.	1		2325	282	828.	2		1810	507	142.	3		1255	732	142.
1		0445	58	51.	1		2330	283	808.	2		1815	508	142.	3		1300	733	142.

1	0450	59	55.	*	1	2335	284	789.	*	2	1820	509	142.	*	3	1305	734	142.
1	0455	60	59.	*	1	2340	285	770.	*	2	1825	510	142.	*	3	1310	735	142.
1	0500	61	63.	*	1	2345	286	752.	*	2	1830	511	142.	*	3	1315	736	142.
1	0505	62	69.	*	1	2350	287	733.	*	2	1835	512	142.	*	3	1320	737	142.
1	0510	63	75.	*	1	2355	288	716.	*	2	1840	513	142.	*	3	1325	738	142.
1	0515	64	84.	*	2	0000	289	700.	*	2	1845	514	142.	*	3	1330	739	142.
1	0520	65	93.	*	2	0005	290	690.	*	2	1850	515	142.	*	3	1335	740	142.
1	0525	66	102.	*	2	0010	291	681.	*	2	1855	516	142.	*	3	1340	741	142.
1	0530	67	112.	*	2	0015	292	672.	*	2	1900	517	142.	*	3	1345	742	142.
1	0535	68	259.	*	2	0020	293	662.	*	2	1905	518	142.	*	3	1350	743	142.
1	0540	69	409.	*	2	0025	294	653.	*	2	1910	519	142.	*	3	1355	744	142.
1	0545	70	856.	*	2	0030	295	644.	*	2	1915	520	142.	*	3	1400	745	142.
1	0550	71	1302.	*	2	0035	296	635.	*	2	1920	521	142.	*	3	1405	746	142.
1	0555	72	1924.	*	2	0040	297	626.	*	2	1925	522	142.	*	3	1410	747	142.
1	0600	73	2546.	*	2	0045	298	618.	*	2	1930	523	142.	*	3	1415	748	142.
1	0605	74	2865.	*	2	0050	299	609.	*	2	1935	524	142.	*	3	1420	749	142.
1	0610	75	3183.	*	2	0055	300	601.	*	2	1940	525	142.	*	3	1425	750	142.
1	0615	76	3017.	*	2	0100	301	593.	*	2	1945	526	142.	*	3	1430	751	142.
1	0620	77	2852.	*	2	0105	302	585.	*	2	1950	527	142.	*	3	1435	752	142.
1	0625	78	2615.	*	2	0110	303	577.	*	2	1955	528	142.	*	3	1440	753	142.
1	0630	79	2379.	*	2	0115	304	569.	*	2	2000	529	142.	*	3	1445	754	142.
1	0635	80	2192.	*	2	0120	305	561.	*	2	2005	530	142.	*	3	1450	755	142.
1	0640	81	2003.	*	2	0125	306	554.	*	2	2010	531	142.	*	3	1455	756	142.
1	0645	82	1842.	*	2	0130	307	546.	*	2	2015	532	142.	*	3	1500	757	142.
1	0650	83	1679.	*	2	0135	308	539.	*	2	2020	533	142.	*	3	1505	758	142.
1	0655	84	1667.	*	2	0140	309	531.	*	2	2025	534	142.	*	3	1510	759	142.
1	0700	85	1653.	*	2	0145	310	524.	*	2	2030	535	142.	*	3	1515	760	142.
1	0705	86	1616.	*	2	0150	311	517.	*	2	2035	536	142.	*	3	1520	761	142.
1	0710	87	1577.	*	2	0155	312	510.	*	2	2040	537	142.	*	3	1525	762	142.
1	0715	88	2944.	*	2	0200	313	503.	*	2	2045	538	142.	*	3	1530	763	142.
1	0720	89	4311.	*	2	0205	314	496.	*	2	2050	539	142.	*	3	1535	764	142.
1	0725	90	5750.	*	2	0210	315	490.	*	2	2055	540	142.	*	3	1540	765	142.
1	0730	91	7188.	*	2	0215	316	483.	*	2	2100	541	142.	*	3	1545	766	142.
1	0735	92	8360.	*	2	0220	317	477.	*	2	2105	542	142.	*	3	1550	767	142.
1	0740	93	9531.	*	2	0225	318	471.	*	2	2110	543	142.	*	3	1555	768	142.
1	0745	94	10062.	*	2	0230	319	465.	*	2	2115	544	142.	*	3	1600	769	142.
1	0750	95	10593.	*	2	0235	320	459.	*	2	2120	545	142.	*	3	1605	770	142.
1	0755	96	10439.	*	2	0240	321	452.	*	2	2125	546	142.	*	3	1610	771	142.
1	0800	97	10286.	*	2	0245	322	446.	*	2	2130	547	142.	*	3	1615	772	142.
1	0805	98	9894.	*	2	0250	323	440.	*	2	2135	548	142.	*	3	1620	773	142.
1	0810	99	9501.	*	2	0255	324	434.	*	2	2140	549	142.	*	3	1625	774	142.
1	0815	100	9161.	*	2	0300	325	428.	*	2	2145	550	142.	*	3	1630	775	142.
1	0820	101	8821.	*	2	0305	326	423.	*	2	2150	551	142.	*	3	1635	776	142.
1	0825	102	9001.	*	2	0310	327	418.	*	2	2155	552	142.	*	3	1640	777	142.
1	0830	103	9181.	*	2	0315	328	412.	*	2	2200	553	142.	*	3	1645	778	142.
1	0835	104	9346.	*	2	0320	329	406.	*	2	2205	554	142.	*	3	1650	779	142.
1	0840	105	9510.	*	2	0325	330	400.	*	2	2210	555	142.	*	3	1655	780	142.
1	0845	106	9068.	*	2	0330	331	393.	*	2	2215	556	142.	*	3	1700	781	142.
1	0850	107	8627.	*	2	0335	332	386.	*	2	2220	557	142.	*	3	1705	782	142.
1	0855	108	8132.	*	2	0340	333	379.	*	2	2225	558	142.	*	3	1710	783	142.
1	0900	109	7638.	*	2	0345	334	372.	*	2	2230	559	142.	*	3	1715	784	142.
1	0905	110	7195.	*	2	0350	335	365.	*	2	2235	560	142.	*	3	1720	785	142.
1	0910	111	6751.	*	2	0355	336	358.	*	2	2240	561	142.	*	3	1725	786	142.
1	0915	112	6368.	*	2	0400	337	351.	*	2	2245	562	142.	*	3	1730	787	142.
1	0920	113	5986.	*	2	0405	338	343.	*	2	2250	563	142.	*	3	1735	788	142.
1	0925	114	5661.	*	2	0410	339	336.	*	2	2255	564	142.	*	3	1740	789	142.
1	0930	115	5337.	*	2	0415	340	329.	*	2	2300	565	142.	*	3	1745	790	142.
1	0935	116	5060.	*	2	0420	341	322.	*	2	2305	566	142.	*	3	1750	791	142.
1	0940	117	4782.	*	2	0425	342	315.	*	2	2310	567	142.	*	3	1755	792	142.
1	0945	118	4546.	*	2	0430	343	308.	*	2	2315	568	142.	*	3	1800	793	142.
1	0950	119	4310.	*	2	0435	344	301.	*	2	2320	569	142.	*	3	1805	794	142.
1	0955	120	4109.	*	2	0440	345	294.	*	2	2325	570	142.	*	3	1810	795	142.
1	1000	121	3907.	*	2	0445	346	287.	*	2	2330	571	142.	*	3	1815	796	142.
1	1005	122	3733.	*	2	0450	347	281.	*	2	2335	572	142.	*	3	1820	797	142.
1	1010	123	3559.	*	2	0455	348	275.	*	2	2340	573	142.	*	3	1825	798	142.
1	1015	124	3408.	*	2	0500	349	269.	*	2	2345	574	142.	*	3	1830	799	142.
1	1020	125	3258.	*	2	0505	350	264.	*	2	2350	575	142.	*	3	1835	800	142.
1	1025	126	3131.	*	2	0510	351	259.	*	2	2355	576	142.	*	3	1840	801	142.
1	1030	127	3004.	*	2	0515	352	256.	*	3	0000	577	142.	*	3	1845	802	142.
1	1035	128	2900.	*	2	0520	353	252.	*	3	0005	578	142.	*	3	1850	803	142.
1	1040	129	2795.	*	2	0525	354	249.	*	3	0010	579	142.	*	3	1855	804	142.
1	1045	130	2712.	*	2	0530	355	246.	*	3	0015	580	142.	*	3	1900	805	142.
1	1050	131	2627.	*	2	0535	356	244.	*	3	0020	581	142.	*	3	1905	806	142.
1	1055	132	2558.	*	2	0540	357	241.	*	3	0025	582	142.	*	3	1910	807	142.
1	1100	133	2488.	*	2	0545	358	238.	*	3	0030	583	142.	*	3	1915	808	142.
1	1105	134	2428.	*	2	0550	359	235.	*	3	0035	584	142.	*	3	1920	809	142.
1	1110	135	2368.	*	2	0555	360	232.	*	3	0040	585	142.	*	3	1925	810	142.
1	1115	136	2314.	*	2	0600	361	229.	*	3	0045	586	142.	*	3	1930	811	142.
1	1120	137	2261.	*	2	0605	362	227.	*	3	0050	587	142.	*	3	1935	812	142.
1	1125	138	2216.	*	2	0610	363	224.	*	3	0055	588	142.	*	3	1940	813	142.
1	1130	139	2172.	*	2	0615	364	222.	*	3	0100	589	142.	*	3	1945	814	142.
1	1135	140	2140.	*	2	0620	365	219.	*	3	0105	590	142.	*	3	1950	815	142.
1	1140	141	2112.	*	2	0625	366	217.	*	3	0110	591	142.	*	3	1955	816	142.
1	1145	142	2099.	*	2	0630	367	215.	*	3	0115	592	142.	*	3	2000	817	142.
1	1150	143	2095.	*	2	0635	368	213.	*	3	0120	593	142.	*	3	2005	818	142.
1	1155	144	2117.	*	2	0640	369	211.	*	3	0125	594	142.	*	3	2010	819	142.
1	1200	145	2178.	*	2	0645	370	209.	*	3	0130	595	142.	*	3	2015	820	142.
1	1205	146	2315.	*	2	0650	371	207.	*	3	0135	596	142.	*	3	2020	821	142.
1	1210	147	2513.	*	2	0655	372	205.	*	3	0140	597	142.	*	3	2025	822	142.
1	1215	148	2775.	*	2	0700	373	203.	*	3	0145	598	142.	*	3	2030	823	142.
1	1220	149	3079.	*	2	0705	374	201.	*	3	0150	599	142.	*	3	2035	824	142.
1	1225	150	3390.	*	2	0710	375	199.	*	3	0155	600	142.	*	3	2040	825	142.
1	1230	151	3638.	*	2	0715	376	197.	*	3	0200	601	142.	*	3	2045	826	142.
1	1235	152	3808.	*	2	0720	377	195.	*	3	0205	602	142.	*	3	2050	827	142.
1	1240	153	3942.	*	2	0725	378	193.	*	3	0210	603	142.	*	3	2055	828	142.
1	1245	154	4087.	*	2	0730	379	191.	*	3	0215	604	142.	*	3	2100	829	142.
1	1250	155	4265.	*	2	0735	380	189.	*	3	0220	605	142.	*	3	2105	830	142.
1	1255	156	4488.	*	2	0740	381	187.	*	3	0225	606	142.	*	3	2110	831	142.
1	1300	157	4760.	*	2	0745	382	185.	*	3	0230	607	142.	*	3	2115	832	142.
1	1305	158	5124.	*	2	0750	383	183.	*	3	0235	608	142.	*	3	2120	833	142.
1	1310	159	5625.	*	2	0755	384	182.	*	3	0240	609	142.	*	3	2125	834	142.
1	1315	160	6348.	*	2	0800	385	181.	*	3	0245	610	142.	*	3	2130	835	142.
1	1320	161	7433.	*	2	0805	386	179.	*	3	0250	611	142.	*	3	2135	836	142.
1	1325	162	8918.	*	2	0810	387	178.	*	3	0255	612	142.	*	3	2140	837	142.
1	1330	163	10643.	*	2	0815	388	176.	*	3	0300	613	142.	*	3	2145	838	142.
1	1335	164	12424.	*	2	0820	389	174.	*	3	0305	614	142.	*	3	2150	839	142.

1	1340	165	14284.	*	2	0825	390	173.	*	3	0310	615	142.	*	3	2155	840	142.
1	1345	166	16224.	*	2	0830	391	171.	*	3	0315	616	142.	*	3	2200	841	142.
1	1350	167	17957.	*	2	0835	392	170.	*	3	0320	617	142.	*	3	2205	842	142.
1	1355	168	19363.	*	2	0840	393	168.	*	3	0325	618	142.	*	3	2210	843	142.
1	1400	169	20393.	*	2	0845	394	166.	*	3	0330	619	142.	*	3	2215	844	142.
1	1405	170	21113.	*	2	0850	395	165.	*	3	0335	620	142.	*	3	2220	845	142.
1	1410	171	21523.	*	2	0855	396	164.	*	3	0340	621	142.	*	3	2225	846	142.
1	1415	172	21705.	*	2	0900	397	162.	*	3	0345	622	142.	*	3	2230	847	142.
1	1420	173	21695.	*	2	0905	398	161.	*	3	0350	623	142.	*	3	2235	848	142.
1	1425	174	21524.	*	2	0910	399	160.	*	3	0355	624	142.	*	3	2240	849	142.
1	1430	175	21221.	*	2	0915	400	159.	*	3	0400	625	142.	*	3	2245	850	142.
1	1435	176	20848.	*	2	0920	401	159.	*	3	0405	626	142.	*	3	2250	851	142.
1	1440	177	20382.	*	2	0925	402	158.	*	3	0410	627	142.	*	3	2255	852	142.
1	1445	178	19908.	*	2	0930	403	157.	*	3	0415	628	142.	*	3	2300	853	142.
1	1450	179	19432.	*	2	0935	404	157.	*	3	0420	629	142.	*	3	2305	854	142.
1	1455	180	18979.	*	2	0940	405	156.	*	3	0425	630	142.	*	3	2310	855	142.
1	1500	181	18547.	*	2	0945	406	156.	*	3	0430	631	142.	*	3	2315	856	142.
1	1505	182	18071.	*	2	0950	407	155.	*	3	0435	632	142.	*	3	2320	857	142.
1	1510	183	17612.	*	2	0955	408	155.	*	3	0440	633	142.	*	3	2325	858	142.
1	1515	184	17133.	*	2	1000	409	154.	*	3	0445	634	142.	*	3	2330	859	142.
1	1520	185	16687.	*	2	1005	410	154.	*	3	0450	635	142.	*	3	2335	860	142.
1	1525	186	16276.	*	2	1010	411	153.	*	3	0455	636	142.	*	3	2340	861	142.
1	1530	187	15885.	*	2	1015	412	153.	*	3	0500	637	142.	*	3	2345	862	142.
1	1535	188	15526.	*	2	1020	413	152.	*	3	0505	638	142.	*	3	2350	863	142.
1	1540	189	15188.	*	2	1025	414	152.	*	3	0510	639	142.	*	3	2355	864	142.
1	1545	190	14871.	*	2	1030	415	151.	*	3	0515	640	142.	*	4	0000	865	142.
1	1550	191	14570.	*	2	1035	416	151.	*	3	0520	641	142.	*	4	0005	866	142.
1	1555	192	14289.	*	2	1040	417	150.	*	3	0525	642	142.	*	4	0010	867	142.
1	1600	193	14006.	*	2	1045	418	150.	*	3	0530	643	142.	*	4	0015	868	142.
1	1605	194	13731.	*	2	1050	419	149.	*	3	0535	644	142.	*	4	0020	869	142.
1	1610	195	13443.	*	2	1055	420	149.	*	3	0540	645	142.	*	4	0025	870	142.
1	1615	196	13178.	*	2	1100	421	148.	*	3	0545	646	142.	*	4	0030	871	142.
1	1620	197	12899.	*	2	1105	422	148.	*	3	0550	647	142.	*	4	0035	872	142.
1	1625	198	12627.	*	2	1110	423	148.	*	3	0555	648	142.	*	4	0040	873	142.
1	1630	199	12341.	*	2	1115	424	147.	*	3	0600	649	142.	*	4	0045	874	142.
1	1635	200	12054.	*	2	1120	425	147.	*	3	0605	650	142.	*	4	0050	875	142.
1	1640	201	11764.	*	2	1125	426	146.	*	3	0610	651	142.	*	4	0055	876	142.
1	1645	202	11466.	*	2	1130	427	146.	*	3	0615	652	142.	*	4	0100	877	142.
1	1650	203	11182.	*	2	1135	428	146.	*	3	0620	653	142.	*	4	0105	878	142.
1	1655	204	10901.	*	2	1140	429	145.	*	3	0625	654	142.	*	4	0110	879	142.
1	1700	205	10635.	*	2	1145	430	145.	*	3	0630	655	142.	*	4	0115	880	142.
1	1705	206	10371.	*	2	1150	431	145.	*	3	0635	656	142.	*	4	0120	881	142.
1	1710	207	10098.	*	2	1155	432	145.	*	3	0640	657	142.	*	4	0125	882	142.
1	1715	208	9823.	*	2	1200	433	144.	*	3	0645	658	142.	*	4	0130	883	142.
1	1720	209	9548.	*	2	1205	434	144.	*	3	0650	659	142.	*	4	0135	884	142.
1	1725	210	9276.	*	2	1210	435	144.	*	3	0655	660	142.	*	4	0140	885	142.
1	1730	211	8996.	*	2	1215	436	144.	*	3	0700	661	142.	*	4	0145	886	142.
1	1735	212	8693.	*	2	1220	437	143.	*	3	0705	662	142.	*	4	0150	887	142.
1	1740	213	8429.	*	2	1225	438	143.	*	3	0710	663	142.	*	4	0155	888	142.
1	1745	214	8144.	*	2	1230	439	143.	*	3	0715	664	142.	*	4	0200	889	142.
1	1750	215	7882.	*	2	1235	440	143.	*	3	0720	665	142.	*	4	0205	890	142.
1	1755	216	7628.	*	2	1240	441	143.	*	3	0725	666	142.	*	4	0210	891	142.
1	1800	217	7390.	*	2	1245	442	143.	*	3	0730	667	142.	*	4	0215	892	142.
1	1805	218	7146.	*	2	1250	443	142.	*	3	0735	668	142.	*	4	0220	893	142.
1	1810	219	6901.	*	2	1255	444	142.	*	3	0740	669	142.	*	4	0225	894	142.
1	1815	220	6661.	*	2	1300	445	142.	*	3	0745	670	142.	*	4	0230	895	142.
1	1820	221	6418.	*	2	1305	446	142.	*	3	0750	671	142.	*	4	0235	896	142.
1	1825	222	6187.	*	2	1310	447	142.	*	3	0755	672	142.	*	4	0240	897	142.
1	1830	223	5959.	*	2	1315	448	142.	*	3	0800	673	142.	*	4	0245	898	142.
1	1835	224	5731.	*	2	1320	449	142.	*	3	0805	674	142.	*	4	0250	899	142.
1	1840	225	5510.	*	2	1325	450	142.	*	3	0810	675	142.	*	4	0255	900	142.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 21705.	14.25		12567.	5053.	1779.	1710.
		(INCHES)	.676	1.087	1.148	1.148
		(AC-FT)	6232.	10023.	10584.	10585.

CUMULATIVE AREA = 172.93 SQ MI

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              **************
              *            *
160 KK        *    CBD-I   *
              *            *
              **************

161 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                            Total inflow to Cave Buttes Dam

163 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION CBD-I

SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	5356.	2		1330	451	165.	3		0815	676	165.
1		0005	2	1.	1		1850	227	5158.	2		1335	452	165.	3		0820	677	165.
1		0010	3	1.	1		1855	228	4979.	2		1340	453	165.	3		0825	678	165.
1		0015	4	2.	1		1900	229	4817.	2		1345	454	165.	3		0830	679	165.
1		0020	5	2.	1		1905	230	4729.	2		1350	455	165.	3		0835	680	165.
1		0025	6	3.	1		1910	231	4661.	2		1355	456	165.	3		0840	681	165.
1		0030	7	4.	1		1915	232	4582.	2		1400	457	165.	3		0845	682	165.
1		0035	8	5.	1		1920	233	4499.	2		1405	458	165.	3		0850	683	165.
1		0040	9	5.	1		1925	234	4374.	2		1410	459	165.	3		0855	684	165.
1		0045	10	6.	1		1930	235	4245.	2		1415	460	165.	3		0900	685	165.
1		0050	11	8.	1		1935	236	4112.	2		1420	461	165.	3		0905	686	165.
1		0055	12	8.	1		1940	237	3976.	2		1425	462	165.	3		0910	687	165.
1		0100	13	8.	1		1945	238	3849.	2		1430	463	165.	3		0915	688	165.
1		0105	14	9.	1		1950	239	3718.	2		1435	464	165.	3		0920	689	165.
1		0110	15	11.	1		1955	240	3591.	2		1440	465	165.	3		0925	690	165.
1		0115	16	12.	1		2000	241	3463.	2		1445	466	165.	3		0930	691	165.
1		0120	17	12.	1		2005	242	3342.	2		1450	467	165.	3		0935	692	165.
1		0125	18	13.	1		2010	243	3222.	2		1455	468	165.	3		0940	693	165.
1		0130	19	13.	1		2015	244	3110.	2		1500	469	165.	3		0945	694	165.
1		0135	20	16.	1		2020	245	2998.	2		1505	470	165.	3		0950	695	165.
1		0140	21	17.	1		2025	246	2894.	2		1510	471	165.	3		0955	696	165.
1		0145	22	19.	1		2030	247	2794.	2		1515	472	165.	3		1000	697	165.
1		0150	23	20.	1		2035	248	2700.	2		1520	473	165.	3		1005	698	165.
1		0155	24	23.	1		2040	249	2614.	2		1525	474	165.	3		1010	699	165.
1		0200	25	24.	1		2045	250	2534.	2		1530	475	165.	3		1015	700	165.
1		0205	26	27.	1		2050	251	2457.	2		1535	476	165.	3		1020	701	165.
1		0210	27	29.	1		2055	252	2383.	2		1540	477	165.	3		1025	702	165.
1		0215	28	31.	1		2100	253	2311.	2		1545	478	165.	3		1030	703	165.
1		0220	29	33.	1		2105	254	2239.	2		1550	479	165.	3		1035	704	165.
1		0225	30	35.	1		2110	255	2169.	2		1555	480	165.	3		1040	705	165.
1		0230	31	36.	1		2115	256	2100.	2		1600	481	165.	3		1045	706	165.
1		0235	32	39.	1		2120	257	2031.	2		1605	482	165.	3		1050	707	165.
1		0240	33	40.	1		2125	258	1963.	2		1610	483	165.	3		1055	708	165.
1		0245	34	42.	1		2130	259	1890.	2		1615	484	165.	3		1100	709	165.
1		0250	35	41.	1		2135	260	1812.	2		1620	485	165.	3		1105	710	165.
1		0255	36	43.	1		2140	261	1723.	2		1625	486	165.	3		1110	711	165.
1		0300	37	42.	1		2145	262	1623.	2		1630	487	165.	3		1115	712	165.
1		0305	38	44.	1		2150	263	1498.	2		1635	488	165.	3		1120	713	165.
1		0310	39	45.	1		2155	264	1380.	2		1640	489	165.	3		1125	714	165.
1		0315	40	46.	1		2200	265	1294.	2		1645	490	165.	3		1130	715	165.
1		0320	41	48.	1		2205	266	1235.	2		1650	491	165.	3		1135	716	165.
1		0325	42	49.	1		2210	267	1191.	2		1655	492	165.	3		1140	717	165.
1		0330	43	51.	1		2215	268	1156.	2		1700	493	165.	3		1145	718	165.
1		0335	44	52.	1		2220	269	1127.	2		1705	494	165.	3		1150	719	165.
1		0340	45	53.	1		2225	270	1103.	2		1710	495	165.	3		1155	720	165.
1		0345	46	54.	1		2230	271	1080.	2		1715	496	165.	3		1200	721	165.
1		0350	47	54.	1		2235	272	1058.	2		1720	497	165.	3		1205	722	165.
1		0355	48	55.	1		2240	273	1037.	2		1725	498	165.	3		1210	723	165.
1		0400	49	56.	1		2245	274	1017.	2		1730	499	165.	3		1215	724	165.
1		0405	50	59.	1		2250	275	996.	2		1735	500	165.	3		1220	725	165.
1		0410	51	60.	1		2255	276	977.	2		1740	501	165.	3		1225	726	165.
1		0415	52	62.	1		2300	277	957.	2		1745	502	165.	3		1230	727	165.
1		0420	53	64.	1		2305	278	939.	2		1750	503	165.	3		1235	728	165.
1		0425	54	68.	1		2310	279	919.	2		1755	504	165.	3		1240	729	165.
1		0430	55	71.	1		2315	280	900.	2		1800	505	165.	3		1245	730	165.
1		0435	56	75.	1		2320	281	880.	2		1805	506	165.	3		1250	731	165.
1		0440	57	79.	1		2325	282	860.	2		1810	507	165.	3		1255	732	165.
1		0445	58	83.	1		2330	283	840.	2		1815	508	165.	3		1300	733	165.
1		0450	59	87.	1		2335	284	821.	2		1820	509	165.	3		1305	734	165.
1		0455	60	91.	1		2340	285	802.	2		1825	510	165.	3		1310	735	165.
1		0500	61	96.	1		2345	286	784.	2		1830	511	165.	3		1315	736	165.
1		0505	62	102.	1		2350	287	765.	2		1835	512	165.	3		1320	737	165.
1		0510	63	109.	1		2355	288	748.	2		1840	513	165.	3		1325	738	165.
1		0515	64	118.	2		0000	289	732.	2		1845	514	165.	3		1330	739	165.
1		0520	65	128.	2		0005	290	722.	2		1850	515	165.	3		1335	740	165.
1		0525	66	137.	2		0010	291	713.	2		1855	516	165.	3		1340	741	165.
1		0530	67	148.	2		0015	292	704.	2		1900	517	165.	3		1345	742	165.
1		0535	68	295.	2		0020	293	694.	2		1905	518	165.	3		1350	743	165.
1		0540	69	446.	2		0025	294	685.	2		1910	519	165.	3		1355	744	165.
1		0545	70	893.	2		0030	295	675.	2		1915	520	165.	3		1400	745	165.
1		0550	71	1340.	2		0035	296	666.	2		1920	521	165.	3		1405	746	165.
1		0555	72	1962.	2		0040	297	657.	2		1925	522	165.	3		1410	747	165.
1		0600	73	2585.	2		0045	298	648.	2		1930	523	165.	3		1415	748	165.
1		0605	74	2904.	2		0050	299	639.	2		1935	524	165.	3		1420	749	165.
1		0610	75	3222.	2		0055	300	630.	2		1940	525	165.	3		1425	750	165.
1		0615	76	3057.	2		0100	301	621.	2		1945	526	165.	3		1430	751	165.
1		0620	77	2892.	2		0105	302	612.	2		1950	527	165.	3		1435	752	165.
1		0625	78	2655.	2		0110	303	603.	2		1955	528	165.	3		1440	753	165.
1		0630	79	2419.	2		0115	304	594.	2		2000	529	165.	3		1445	754	165.
1		0635	80	2233.	2		0120	305	584.	2		2005	530	165.	3		1450	755	165.
1		0640	81	2044.	2		0125	306	577.	2		2010	531	165.	3		1455	756	165.
1		0645	82	1883.	2		0130	307	569.	2		2015	532	165.	3		1500	757	165.
1		0650	83	1720.	2		0135	308	562.	2		2020	533	165.	3		1505	758	165.
1		0655	84	1708.	2		0140	309	554.	2		2025	534	165.	3		1510	759	165.
1		0700	85	1695.	2		0145	310	547.	2		2030	535	165.	3		1515	760	165.
1		0705	86	1658.	2		0150	311	540.	2		2035	536	165.	3		1520	761	165.
1		0710	87	1620.	2		0155	312	533.	2		2040	537	165.	3		1525	762	165.
1		0715	88	2987.	2		0200	313	526.	2		2045	538	165.	3		1530	763	165.
1		0720	89	4354.	2		0205	314	519.	2		2050	539	165.	3		1535	764	165.
1		0725	90	5794.	2		0210	315	513.	2		2055	540	165.	3		1540	765	165.
1		0730	91	7232.	2		0215	316	506.	2		2100	541	165.	3		1545	766	165.
1		0735	92	8405.	2		0220	317	500.	2		2105	542	165.	3		1550	767	165.
1		0740	93	9577.	2		0225	318	494.	2		2110	543	165.	3		1555	768	165.
1		0745	94	10108.	2		0230	319	488.	2		2115	544	165.	3		1600	769	165.
1		0750	95	10640.	2		0235	320	482.	2		2120	545	165.	3		1605	770	165.
1		0755	96	10486.	2		0240	321	475.	2		2125	546	165.	3		1610	771	165.
1		0800	97	10334.	2		0245	322	469.	2		2130	547	165.	3		1615	772	165.
1		0805	98	9942.	2		0250	323	463.	2		2135	548	165.	3		1620	773	165.
1		0810	99	9550.	2		0255	324	457.	2		2140	549	165.	3		1625	774	165.
1		0815	100	9210.	2		0300	325	451.	2		2145	550	165.	3		1630	775	165.

1	0820	101	8870.	*	2	0305	326	446.	*	2	2150	551	165.	*	3	1635	776	165.
1	0825	102	9051.	*	2	0310	327	441.	*	2	2155	552	165.	*	3	1640	777	165.
1	0830	103	9231.	*	2	0315	328	435.	*	2	2200	553	165.	*	3	1645	778	165.
1	0835	104	9396.	*	2	0320	329	429.	*	2	2205	554	165.	*	3	1650	779	165.
1	0840	105	9561.	*	2	0325	330	423.	*	2	2210	555	165.	*	3	1655	780	165.
1	0845	106	9119.	*	2	0330	331	416.	*	2	2215	556	165.	*	3	1700	781	165.
1	0850	107	8678.	*	2	0335	332	409.	*	2	2220	557	165.	*	3	1705	782	165.
1	0855	108	8184.	*	2	0340	333	402.	*	2	2225	558	165.	*	3	1710	783	165.
1	0900	109	7690.	*	2	0345	334	395.	*	2	2230	559	165.	*	3	1715	784	165.
1	0905	110	7248.	*	2	0350	335	388.	*	2	2235	560	165.	*	3	1720	785	165.
1	0910	111	6805.	*	2	0355	336	381.	*	2	2240	561	165.	*	3	1725	786	165.
1	0915	112	6423.	*	2	0400	337	374.	*	2	2245	562	165.	*	3	1730	787	165.
1	0920	113	6042.	*	2	0405	338	366.	*	2	2250	563	165.	*	3	1735	788	165.
1	0925	114	5718.	*	2	0410	339	359.	*	2	2255	564	165.	*	3	1740	789	165.
1	0930	115	5395.	*	2	0415	340	352.	*	2	2300	565	165.	*	3	1745	790	165.
1	0935	116	5119.	*	2	0420	341	345.	*	2	2305	566	165.	*	3	1750	791	165.
1	0940	117	4843.	*	2	0425	342	338.	*	2	2310	567	165.	*	3	1755	792	165.
1	0945	118	4608.	*	2	0430	343	331.	*	2	2315	568	165.	*	3	1800	793	165.
1	0950	119	4374.	*	2	0435	344	324.	*	2	2320	569	165.	*	3	1805	794	165.
1	0955	120	4174.	*	2	0440	345	317.	*	2	2325	570	165.	*	3	1810	795	165.
1	1000	121	3974.	*	2	0445	346	310.	*	2	2330	571	165.	*	3	1815	796	165.
1	1005	122	3801.	*	2	0450	347	304.	*	2	2335	572	165.	*	3	1820	797	165.
1	1010	123	3629.	*	2	0455	348	298.	*	2	2340	573	165.	*	3	1825	798	165.
1	1015	124	3479.	*	2	0500	349	292.	*	2	2345	574	165.	*	3	1830	799	165.
1	1020	125	3331.	*	2	0505	350	287.	*	2	2350	575	165.	*	3	1835	800	165.
1	1025	126	3205.	*	2	0510	351	282.	*	2	2355	576	165.	*	3	1840	801	165.
1	1030	127	3079.	*	2	0515	352	279.	*	3	0000	577	165.	*	3	1845	802	165.
1	1035	128	2976.	*	2	0520	353	275.	*	3	0005	578	165.	*	3	1850	803	165.
1	1040	129	2872.	*	2	0525	354	272.	*	3	0010	579	165.	*	3	1855	804	165.
1	1045	130	2791.	*	2	0530	355	269.	*	3	0015	580	165.	*	3	1900	805	165.
1	1050	131	2707.	*	2	0535	356	267.	*	3	0020	581	165.	*	3	1905	806	165.
1	1055	132	2640.	*	2	0540	357	264.	*	3	0025	582	165.	*	3	1910	807	165.
1	1100	133	2571.	*	2	0545	358	261.	*	3	0030	583	165.	*	3	1915	808	165.
1	1105	134	2513.	*	2	0550	359	258.	*	3	0035	584	165.	*	3	1920	809	165.
1	1110	135	2455.	*	2	0555	360	255.	*	3	0040	585	165.	*	3	1925	810	165.
1	1115	136	2403.	*	2	0600	361	252.	*	3	0045	586	165.	*	3	1930	811	165.
1	1120	137	2353.	*	2	0605	362	250.	*	3	0050	587	165.	*	3	1935	812	165.
1	1125	138	2311.	*	2	0610	363	247.	*	3	0055	588	165.	*	3	1940	813	165.
1	1130	139	2270.	*	2	0615	364	245.	*	3	0100	589	165.	*	3	1945	814	165.
1	1135	140	2242.	*	2	0620	365	242.	*	3	0105	590	165.	*	3	1950	815	165.
1	1140	141	2218.	*	2	0625	366	240.	*	3	0110	591	165.	*	3	1955	816	165.
1	1145	142	2209.	*	2	0630	367	238.	*	3	0115	592	165.	*	3	2000	817	165.
1	1150	143	2214.	*	2	0635	368	236.	*	3	0120	593	165.	*	3	2005	818	165.
1	1155	144	2246.	*	2	0640	369	234.	*	3	0125	594	165.	*	3	2010	819	165.
1	1200	145	2317.	*	2	0645	370	232.	*	3	0130	595	165.	*	3	2015	820	165.
1	1205	146	2493.	*	2	0650	371	230.	*	3	0135	596	165.	*	3	2020	821	165.
1	1210	147	2738.	*	2	0655	372	228.	*	3	0140	597	165.	*	3	2025	822	165.
1	1215	148	3051.	*	2	0700	373	226.	*	3	0145	598	165.	*	3	2030	823	165.
1	1220	149	3426.	*	2	0705	374	224.	*	3	0150	599	165.	*	3	2035	824	165.
1	1225	150	3860.	*	2	0710	375	222.	*	3	0155	600	165.	*	3	2040	825	165.
1	1230	151	4257.	*	2	0715	376	220.	*	3	0200	601	165.	*	3	2045	826	165.
1	1235	152	4567.	*	2	0720	377	218.	*	3	0205	602	165.	*	3	2050	827	165.
1	1240	153	4890.	*	2	0725	378	216.	*	3	0210	603	165.	*	3	2055	828	165.
1	1245	154	5258.	*	2	0730	379	214.	*	3	0215	604	165.	*	3	2100	829	165.
1	1250	155	5679.	*	2	0735	380	212.	*	3	0220	605	165.	*	3	2105	830	165.
1	1255	156	6118.	*	2	0740	381	210.	*	3	0225	606	165.	*	3	2110	831	165.
1	1300	157	6598.	*	2	0745	382	208.	*	3	0230	607	165.	*	3	2115	832	165.
1	1305	158	7147.	*	2	0750	383	206.	*	3	0235	608	165.	*	3	2120	833	165.
1	1310	159	7810.	*	2	0755	384	205.	*	3	0240	609	165.	*	3	2125	834	165.
1	1315	160	8670.	*	2	0800	385	204.	*	3	0245	610	165.	*	3	2130	835	165.
1	1320	161	9862.	*	2	0805	386	202.	*	3	0250	611	165.	*	3	2135	836	165.
1	1325	162	11403.	*	2	0810	387	201.	*	3	0255	612	165.	*	3	2140	837	165.
1	1330	163	13148.	*	2	0815	388	199.	*	3	0300	613	165.	*	3	2145	838	165.
1	1335	164	14919.	*	2	0820	389	197.	*	3	0305	614	165.	*	3	2150	839	165.
1	1340	165	16717.	*	2	0825	390	196.	*	3	0310	615	165.	*	3	2155	840	165.
1	1345	166	18561.	*	2	0830	391	194.	*	3	0315	616	165.	*	3	2200	841	165.
1	1350	167	20170.	*	2	0835	392	193.	*	3	0320	617	165.	*	3	2205	842	165.
1	1355	168	21430.	*	2	0840	393	191.	*	3	0325	618	165.	*	3	2210	843	165.
1	1400	169	22302.	*	2	0845	394	189.	*	3	0330	619	165.	*	3	2215	844	165.
1	1405	170	22856.	*	2	0850	395	188.	*	3	0335	620	165.	*	3	2220	845	165.
1	1410	171	23117.	*	2	0855	396	187.	*	3	0340	621	165.	*	3	2225	846	165.
1	1415	172	23161.	*	2	0900	397	185.	*	3	0345	622	165.	*	3	2230	847	165.
1	1420	173	23026.	*	2	0905	398	184.	*	3	0350	623	165.	*	3	2235	848	165.
1	1425	174	22742.	*	2	0910	399	183.	*	3	0355	624	165.	*	3	2240	849	165.
1	1430	175	22333.	*	2	0915	400	182.	*	3	0400	625	165.	*	3	2245	850	165.
1	1435	176	21865.	*	2	0920	401	182.	*	3	0405	626	165.	*	3	2250	851	165.
1	1440	177	21312.	*	2	0925	402	181.	*	3	0410	627	165.	*	3	2255	852	165.
1	1445	178	20756.	*	2	0930	403	180.	*	3	0415	628	165.	*	3	2300	853	165.
1	1450	179	20210.	*	2	0935	404	180.	*	3	0420	629	165.	*	3	2305	854	165.
1	1455	180	19689.	*	2	0940	405	179.	*	3	0425	630	165.	*	3	2310	855	165.
1	1500	181	19200.	*	2	0945	406	179.	*	3	0430	631	165.	*	3	2315	856	165.
1	1505	182	18675.	*	2	0950	407	178.	*	3	0435	632	165.	*	3	2320	857	165.
1	1510	183	18162.	*	2	0955	408	178.	*	3	0440	633	165.	*	3	2325	858	165.
1	1515	184	17641.	*	2	1000	409	177.	*	3	0445	634	165.	*	3	2330	859	165.
1	1520	185	17155.	*	2	1005	410	177.	*	3	0450	635	165.	*	3	2335	860	165.
1	1525	186	16706.	*	2	1010	411	176.	*	3	0455	636	165.	*	3	2340	861	165.
1	1530	187	16276.	*	2	1015	412	176.	*	3	0500	637	165.	*	3	2345	862	165.
1	1535	188	15884.	*	2	1020	413	175.	*	3	0505	638	165.	*	3	2350	863	165.
1	1540	189	15524.	*	2	1025	414	175.	*	3	0510	639	165.	*	3	2355	864	165.
1	1545	190	15184.	*	2	1030	415	174.	*	3	0515	640	165.	*	4	0000	865	165.
1	1550	191	14860.	*	2	1035	416	174.	*	3	0520	641	165.	*	4	0005	866	165.
1	1555	192	14554.	*	2	1040	417	173.	*	3	0525	642	165.	*	4	0010	867	165.
1	1600	193	14252.	*	2	1045	418	173.	*	3	0530	643	165.	*	4	0015	868	165.
1	1605	194	13958.	*	2	1050	419	172.	*	3	0535	644	165.	*	4	0020	869	165.
1	1610	195	13648.	*	2	1055	420	172.	*	3	0540	645	165.	*	4	0025	870	165.
1	1615	196	13361.	*	2	1100	421	171.	*	3	0545	646	165.	*	4	0030	871	165.
1	1620	197	13060.	*	2	1105	422	171.	*	3	0550	647	165.	*	4	0035	872	165.
1	1625	198	12783.	*	2	1110	423	171.	*	3	0555	648	165.	*	4	0040	873	165.
1	1630	199	12494.	*	2	1115	424	170.	*	3	0600	649	165.	*	4	0045	874	165.
1	1635	200	12204.	*	2	1120	425	170.	*	3	0605	650	165.	*	4	0050	875	165.
1	1640	201	11911.	*	2	1125	426	169.	*	3	0610	651	165.	*	4	0055	876	165.
1	1645	202	11611.	*	2	1130	427	169.	*	3	0615	652	165.	*	4	0100	877	165.
1	1650	203	11325.	*	2	1135	428	169.	*	3	0620	653	165.	*	4	0105	878	165.
1	1655	204	11041.	*	2	1140	429	168.	*	3	0625	654	165.	*	4	0110	879	165.
1	1700	205	10773.	*	2	1145	430	168.	*	3	0630	655	165.	*	4	0115	880	165.
1	1705	206	10506.	*	2	1150	431	168.	*	3	0635	656	165.	*	4	0120	881	165.

1	1710	207	10224.	*	2	1155	432	168.	*	3	0640	657	165.	*	4	0125	882	165.
1	1715	208	9939.	*	2	1200	433	167.	*	3	0645	658	165.	*	4	0130	883	165.
1	1720	209	9655.	*	2	1205	434	167.	*	3	0650	659	165.	*	4	0135	884	165.
1	1725	210	9371.	*	2	1210	435	167.	*	3	0655	660	165.	*	4	0140	885	165.
1	1730	211	9079.	*	2	1215	436	167.	*	3	0700	661	165.	*	4	0145	886	165.
1	1735	212	8765.	*	2	1220	437	166.	*	3	0705	662	165.	*	4	0150	887	165.
1	1740	213	8499.	*	2	1225	438	166.	*	3	0710	663	165.	*	4	0155	888	165.
1	1745	214	8212.	*	2	1230	439	166.	*	3	0715	664	165.	*	4	0200	889	165.
1	1750	215	7949.	*	2	1235	440	166.	*	3	0720	665	165.	*	4	0205	890	165.
1	1755	216	7694.	*	2	1240	441	166.	*	3	0725	666	165.	*	4	0210	891	165.
1	1800	217	7455.	*	2	1245	442	166.	*	3	0730	667	165.	*	4	0215	892	165.
1	1805	218	7210.	*	2	1250	443	165.	*	3	0735	668	165.	*	4	0220	893	165.
1	1810	219	6964.	*	2	1255	444	165.	*	3	0740	669	165.	*	4	0225	894	165.
1	1815	220	6723.	*	2	1300	445	165.	*	3	0745	670	165.	*	4	0230	895	165.
1	1820	221	6479.	*	2	1305	446	165.	*	3	0750	671	165.	*	4	0235	896	165.
1	1825	222	6247.	*	2	1310	447	165.	*	3	0755	672	165.	*	4	0240	897	165.
1	1830	223	6018.	*	2	1315	448	165.	*	3	0800	673	165.	*	4	0245	898	165.
1	1835	224	5789.	*	2	1320	449	165.	*	3	0805	674	165.	*	4	0250	899	165.
1	1840	225	5567.	*	2	1325	450	165.	*	3	0810	675	165.	*	4	0255	900	165.
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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 23161.	14.25		13298.	5289.	1873.	1801.
		(INCHES)	.644	1.025	1.089	1.089
		(AC-FT)	6594.	10490.	11144.	11148.

CUMULATIVE AREA = 191.93 SQ MI

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              *            *
164 KK        *     CBD-O  *
              *            *
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165 KO            OUTPUT CONTROL VARIABLES
                       IPRNT          1  PRINT CONTROL
                       IPLOT          0  PLOT CONTROL
                       QSCAL         0.  HYDROGRAPH PLOT SCALE

                HYDROGRAPH ROUTING DATA

166 RS            STORAGE ROUTING
                       NSTPS          1  NUMBER OF SUBREACHES
                        ITYP       FLOW  TYPE OF INITIAL CONDITION
                      RSVRIC      -1.00  INITIAL CONDITION
                           X        .00 WORKING R AND D COEFFICIENT

167 SV              STORAGE         .0     250.0     700.0    1100.0    1800.0    2600.0    4000.0    6300.0    9400.0   13000.0
                                 17500.0  23000.0   29200.0   37000.0   46000.0

169 SE              ELEVATION     1560.70   1595.00   1600.00   1605.00   1610.00   1615.00   1620.00   1625.00   1630.00   1635.00
                                  1640.00   1645.00   1650.00   1655.00   1660.00

171 SQ              DISCHARGE         0.      132.      215.      243.      268.      290.      311.      330.      347.      365.
                                    381.      398.      413.      428.      442.      455.      468.      481.      493.

173 SE              ELEVATION     1560.70   1570.00   1580.00   1585.00   1590.00   1595.00   1600.00   1605.00   1610.00   1615.00
                                  1620.00   1625.00   1630.00   1635.00   1640.00   1645.00   1650.00   1655.00   1660.00
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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	67.78	140.67	177.11	213.56	250.00	700.00	1100.00	1800.00	2600.00
OUTFLOW	.00	132.00	215.00	243.00	268.00	290.00	311.00	330.00	347.00	365.00
ELEVATION	1560.70	1570.00	1580.00	1585.00	1590.00	1595.00	1600.00	1605.00	1610.00	1615.00
STORAGE	4000.00	6300.00	9400.00	13000.00	17500.00	23000.00	29200.00	37000.00	46000.00	
OUTFLOW	381.00	398.00	413.00	428.00	442.00	455.00	468.00	481.00	493.00	
ELEVATION	1620.00	1625.00	1630.00	1635.00	1640.00	1645.00	1650.00	1655.00	1660.00	

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HYDROGRAPH AT STATION CBD-O

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1560.7	*	2		0100	301	414.	9754.3	1630.5	*	3		0200	601	413.	9358.5	1629.9
1		0005	2	0.	.0	1560.7	*	2		0105	302	414.	9755.7	1630.5	*	3		0205	602	413.	9356.8	1629.9
1		0010	3	0.	.0	1560.7	*	2		0110	303	414.	9757.0	1630.5	*	3		0210	603	413.	9355.0	1629.9
1		0015	4	0.	.0	1560.7	*	2		0115	304	414.	9758.2	1630.5	*	3		0215	604	413.	9353.3	1629.9
1		0020	5	0.	.0	1560.7	*	2		0120	305	414.	9759.5	1630.5	*	3		0220	605	413.	9351.6	1629.9
1		0025	6	0.	.0	1560.7	*	2		0125	306	415.	9760.6	1630.5	*	3		0225	606	413.	9349.9	1629.9
1		0030	7	0.	.1	1560.7	*	2		0130	307	415.	9761.7	1630.5	*	3		0230	607	413.	9348.2	1629.9
1		0035	8	0.	.1	1560.7	*	2		0135	308	415.	9762.7	1630.5	*	3		0235	608	413.	9346.5	1629.9
1		0040	9	0.	.1	1560.7	*	2		0140	309	415.	9763.7	1630.5	*	3		0240	609	413.	9344.8	1629.9
1		0045	10	0.	.2	1560.7	*	2		0145	310	415.	9764.7	1630.5	*	3		0245	610	413.	9343.1	1629.9
1		0050	11	0.	.2	1560.7	*	2		0150	311	415.	9765.5	1630.5	*	3		0250	611	413.	9341.4	1629.9
1		0055	12	1.	.3	1560.7	*	2		0155	312	415.	9766.4	1630.5	*	3		0255	612	413.	9339.7	1629.9
1		0100	13	1.	.3	1560.7	*	2		0200	313	415.	9767.2	1630.5	*	3		0300	613	413.	9338.0	1629.9
1		0105	14	1.	.4	1560.7	*	2		0205	314	415.	9767.9	1630.5	*	3		0305	614	413.	9336.3	1629.9
1		0110	15	1.	.4	1560.8	*	2		0210	315	415.	9768.6	1630.5	*	3		0310	615	413.	9334.6	1629.9
1		0115	16	1.	.5	1560.8	*	2		0215	316	415.	9769.3	1630.5	*	3		0315	616	413.	9332.9	1629.9
1		0120	17	1.	.6	1560.8	*	2		0220	317	415.	9769.9	1630.5	*	3		0320	617	413.	9331.2	1629.9

1	0125	18	1.	.6	1560.8	*	2	0225	318	415.	9770.4	1630.5	*	3	0325	618	413.	9329.5	1629.9
1	0130	19	1.	.7	1560.8	*	2	0230	319	415.	9771.0	1630.5	*	3	0330	619	413.	9327.8	1629.9
1	0135	20	2.	.8	1560.8	*	2	0235	320	415.	9771.5	1630.5	*	3	0335	620	413.	9326.0	1629.9
1	0140	21	2.	.9	1560.8	*	2	0240	321	415.	9771.9	1630.5	*	3	0340	621	413.	9324.3	1629.9
1	0145	22	2.	1.0	1560.8	*	2	0245	322	415.	9772.3	1630.5	*	3	0345	622	413.	9322.6	1629.9
1	0150	23	2.	1.1	1560.9	*	2	0250	323	415.	9772.6	1630.5	*	3	0350	623	413.	9320.9	1629.9
1	0155	24	2.	1.3	1560.9	*	2	0255	324	415.	9773.0	1630.5	*	3	0355	624	413.	9319.2	1629.9
1	0200	25	3.	1.4	1560.9	*	2	0300	325	415.	9773.2	1630.5	*	3	0400	625	413.	9317.5	1629.9
1	0205	26	3.	1.6	1560.9	*	2	0305	326	415.	9773.5	1630.5	*	3	0405	626	413.	9315.8	1629.9
1	0210	27	3.	1.7	1560.9	*	2	0310	327	415.	9773.7	1630.5	*	3	0410	627	413.	9314.1	1629.9
1	0215	28	4.	1.9	1561.0	*	2	0315	328	415.	9773.8	1630.5	*	3	0415	628	413.	9312.4	1629.9
1	0220	29	4.	2.1	1561.0	*	2	0320	329	415.	9774.0	1630.5	*	3	0420	629	413.	9310.7	1629.9
1	0225	30	5.	2.3	1561.0	*	2	0325	330	415.	9774.0	1630.5	*	3	0425	630	413.	9309.0	1629.9
1	0230	31	5.	2.5	1561.0	*	2	0330	331	415.	9774.1	1630.5	*	3	0430	631	413.	9307.3	1629.9
1	0235	32	5.	2.8	1561.1	*	2	0335	332	415.	9774.1	1630.5	*	3	0435	632	413.	9305.6	1629.8
1	0240	33	6.	3.0	1561.1	*	2	0340	333	415.	9774.0	1630.5	*	3	0440	633	413.	9303.9	1629.8
1	0245	34	6.	3.2	1561.1	*	2	0345	334	415.	9773.9	1630.5	*	3	0445	634	413.	9302.2	1629.8
1	0250	35	7.	3.5	1561.2	*	2	0350	335	415.	9773.7	1630.5	*	3	0450	635	413.	9300.5	1629.8
1	0255	36	7.	3.7	1561.2	*	2	0355	336	415.	9773.5	1630.5	*	3	0455	636	413.	9298.8	1629.8
1	0300	37	8.	3.9	1561.2	*	2	0400	337	415.	9773.3	1630.5	*	3	0500	637	413.	9297.1	1629.8
1	0305	38	8.	4.2	1561.3	*	2	0405	338	415.	9773.0	1630.5	*	3	0505	638	412.	9295.4	1629.8
1	0310	39	9.	4.4	1561.3	*	2	0410	339	415.	9772.6	1630.5	*	3	0510	639	412.	9293.7	1629.8
1	0315	40	9.	4.7	1561.3	*	2	0415	340	415.	9772.2	1630.5	*	3	0515	640	412.	9291.9	1629.8
1	0320	41	10.	4.9	1561.4	*	2	0420	341	415.	9771.7	1630.5	*	3	0520	641	412.	9290.2	1629.8
1	0325	42	10.	5.2	1561.4	*	2	0425	342	415.	9771.2	1630.5	*	3	0525	642	412.	9288.5	1629.8
1	0330	43	11.	5.5	1561.5	*	2	0430	343	415.	9770.7	1630.5	*	3	0530	643	412.	9286.8	1629.8
1	0335	44	11.	5.8	1561.5	*	2	0435	344	415.	9770.1	1630.5	*	3	0535	644	412.	9285.1	1629.8
1	0340	45	12.	6.0	1561.5	*	2	0440	345	415.	9769.4	1630.5	*	3	0540	645	412.	9283.4	1629.8
1	0345	46	12.	6.3	1561.6	*	2	0445	346	415.	9768.7	1630.5	*	3	0545	646	412.	9281.7	1629.8
1	0350	47	13.	6.6	1561.6	*	2	0450	347	415.	9768.0	1630.5	*	3	0550	647	412.	9280.0	1629.8
1	0355	48	13.	6.9	1561.6	*	2	0455	348	415.	9767.2	1630.5	*	3	0555	648	412.	9278.3	1629.8
1	0400	49	14.	7.2	1561.7	*	2	0500	349	415.	9766.4	1630.5	*	3	0600	649	412.	9276.6	1629.8
1	0405	50	15.	7.5	1561.7	*	2	0505	350	415.	9765.5	1630.5	*	3	0605	650	412.	9274.9	1629.8
1	0410	51	15.	7.8	1561.8	*	2	0510	351	415.	9764.6	1630.5	*	3	0610	651	412.	9273.2	1629.8
1	0415	52	16.	8.1	1561.8	*	2	0515	352	415.	9763.7	1630.5	*	3	0615	652	412.	9271.5	1629.8
1	0420	53	16.	8.4	1561.9	*	2	0520	353	415.	9762.8	1630.5	*	3	0620	653	412.	9269.8	1629.8
1	0425	54	17.	8.8	1561.9	*	2	0525	354	415.	9761.8	1630.5	*	3	0625	654	412.	9268.1	1629.8
1	0430	55	18.	9.1	1562.0	*	2	0530	355	415.	9760.8	1630.5	*	3	0630	655	412.	9266.4	1629.8
1	0435	56	18.	9.5	1562.0	*	2	0535	356	414.	9759.8	1630.5	*	3	0635	656	412.	9264.7	1629.8
1	0440	57	19.	9.9	1562.1	*	2	0540	357	414.	9758.8	1630.5	*	3	0640	657	412.	9263.0	1629.8
1	0445	58	20.	10.3	1562.1	*	2	0545	358	414.	9757.7	1630.5	*	3	0645	658	412.	9261.3	1629.8
1	0450	59	21.	10.8	1562.2	*	2	0550	359	414.	9756.7	1630.5	*	3	0650	659	412.	9259.6	1629.8
1	0455	60	22.	11.2	1562.2	*	2	0555	360	414.	9755.6	1630.5	*	3	0655	660	412.	9257.9	1629.8
1	0500	61	23.	11.7	1562.3	*	2	0600	361	414.	9754.5	1630.5	*	3	0700	661	412.	9256.2	1629.8
1	0505	62	24.	12.2	1562.4	*	2	0605	362	414.	9753.3	1630.5	*	3	0705	662	412.	9254.5	1629.8
1	0510	63	25.	12.8	1562.5	*	2	0610	363	414.	9752.2	1630.5	*	3	0710	663	412.	9252.8	1629.8
1	0515	64	26.	13.4	1562.5	*	2	0615	364	414.	9751.0	1630.5	*	3	0715	664	412.	9251.1	1629.8
1	0520	65	27.	14.1	1562.6	*	2	0620	365	414.	9749.9	1630.5	*	3	0720	665	412.	9249.4	1629.8
1	0525	66	29.	14.8	1562.7	*	2	0625	366	414.	9748.7	1630.5	*	3	0725	666	412.	9247.7	1629.8
1	0530	67	30.	15.6	1562.8	*	2	0630	367	414.	9747.4	1630.5	*	3	0730	667	412.	9246.0	1629.8
1	0535	68	33.	16.9	1563.0	*	2	0635	368	414.	9746.2	1630.5	*	3	0735	668	412.	9244.2	1629.7
1	0540	69	37.	19.2	1563.3	*	2	0640	369	414.	9745.0	1630.5	*	3	0740	669	412.	9242.5	1629.7
1	0545	70	46.	23.5	1563.9	*	2	0645	370	414.	9743.7	1630.5	*	3	0745	670	412.	9240.8	1629.7
1	0550	71	60.	30.8	1564.9	*	2	0650	371	414.	9742.5	1630.5	*	3	0750	671	412.	9239.1	1629.7
1	0555	72	81.	41.7	1566.4	*	2	0655	372	414.	9741.2	1630.5	*	3	0755	672	412.	9237.4	1629.7
1	0600	73	110.	56.7	1568.5	*	2	0700	373	414.	9739.9	1630.5	*	3	0800	673	412.	9235.7	1629.7
1	0605	74	140.	74.7	1571.0	*	2	0705	374	414.	9738.6	1630.5	*	3	0805	674	412.	9234.0	1629.7
1	0610	75	163.	94.8	1573.7	*	2	0710	375	414.	9737.3	1630.5	*	3	0810	675	412.	9232.3	1629.7
1	0615	76	186.	115.2	1576.5	*	2	0715	376	414.	9736.0	1630.5	*	3	0815	676	412.	9230.6	1629.7
1	0620	77	208.	134.3	1579.1	*	2	0720	377	414.	9734.6	1630.5	*	3	0820	677	412.	9228.9	1629.7
1	0625	78	224.	152.0	1581.5	*	2	0725	378	414.	9733.3	1630.5	*	3	0825	678	412.	9227.2	1629.7
1	0630	79	236.	167.8	1583.7	*	2	0730	379	414.	9731.9	1630.5	*	3	0830	679	412.	9225.5	1629.7
1	0635	80	246.	182.2	1585.7	*	2	0735	380	414.	9730.5	1630.5	*	3	0835	680	412.	9223.8	1629.7
1	0640	81	255.	195.2	1587.5	*	2	0740	381	414.	9729.1	1630.5	*	3	0840	681	412.	9222.1	1629.7
1	0645	82	263.	206.9	1589.1	*	2	0745	382	414.	9727.7	1630.5	*	3	0845	682	412.	9220.4	1629.7
1	0650	83	270.	217.5	1590.5	*	2	0750	383	414.	9726.2	1630.5	*	3	0850	683	412.	9218.7	1629.7
1	0655	84	276.	227.4	1591.9	*	2	0755	384	414.	9724.8	1630.5	*	3	0855	684	412.	9217.0	1629.7
1	0700	85	282.	237.2	1593.2	*	2	0800	385	414.	9723.4	1630.4	*	3	0900	685	412.	9215.3	1629.7
1	0705	86	288.	246.8	1594.6	*	2	0805	386	414.	9721.9	1630.4	*	3	0905	686	412.	9213.6	1629.7
1	0710	87	290.	256.1	1595.1	*	2	0810	387	414.	9720.4	1630.4	*	3	0910	687	412.	9211.9	1629.7
1	0715	88	291.	270.0	1595.2	*	2	0815	388	414.	9719.0	1630.4	*	3	0915	688	412.	9210.2	1629.7
1	0720	89	292.	293.2	1595.5	*	2	0820	389	414.	9717.5	1630.4	*	3	0920	689	412.	9208.5	1629.7
1	0725	90	294.	326.2	1595.8	*	2	0825	390	414.	9716.0	1630.4	*	3	0925	690	412.	9206.8	1629.7
1	0730	91	296.	369.0	1596.3	*	2	0830	391	414.	9714.5	1630.4	*	3	0930	691	412.	9205.1	1629.7
1	0735	92	298.	420.8	1596.9	*	2	0835	392	414.	9712.9	1630.4	*	3	0935	692	412.	9203.4	1629.7
1	0740	93	301.	480.6	1597.6	*	2	0840	393	414.	9711.4	1630.4	*	3	0940	693	412.	9201.7	1629.7
1	0745	94	304.	546.3	1598.3	*	2	0845	394	414.	9709.9	1630.4	*	3	0945	694	412.	9200.0	1629.7
1	0750	95	307.	615.7	1599.1	*	2	0850	395	414.	9708.3	1630.4	*	3	0950	695	412.	9198.3	1629.7
1	0755	96	310.	686.3	1599.8	*	2	0855	396	414.	9706.8	1630.4	*	3	0955	696	412.	9196.6	1629.7
1	0800	97	314.	755.9	1600.7	*	2	0900	397	414.	9705.2	1630.4	*	3	1000	697	412.	9194.9	1629.7
1	0805	98	317.	823.5	1601.5	*	2	0905	398	414.	9703.6	1630.4	*	3	1005	698	412.	9193.2	1629.7
1	0810	99	320.	888.4	1602.4	*	2	0910	399	414.	9702.0	1630.4	*	3	1010	699	412.	9191.5	1629.7
1	0815	100	323.	950.8	1603.1	*	2	0915	400	414.	9700.4	1630.4	*	3	1015	700	412.	9189.8	1629.7
1	0820	101	326.	1010.8	1603.9	*	2	0920	401	414.	9698.8	1630.4	*	3	1020	701	412.	9188.1	1629.7
1	0825	102	329.	1070.3	1604.6	*	2	0925	402	414.	9697.2	1630.4	*	3	1025	702	412.	9186.4	1629.7
1	0830	103	331.	1131.0	1605.2	*	2	0930	403	414.	9695.6	1630.4	*	3	1030	703	412.	9184.7	1629.7
1	0835	104	332.	1192.8	1605.7	*	2	0935	404	414.	9694.0	1630.4	*	3	1035	704	412.	9183.0	1629.7
1	0840	105	334.	1255.8	1606.1	*	2	0940	405	414.	9692.4	1630.4	*	3	1040	705	412.	9181.3	1629.6
1	0845	106	335.	1317.8	1606.6	*	2	0945	406	414.	9690.8	1630.4	*	3	1045	706	412.	9179.6	1629.6
1	0850	107	337.	1376.8	1607.0	*	2	0950	407	414.	9689.1	1630.4	*	3	1050	707	412.	9177.9	1629.6
1	0855	108	338.	1432.6	1607.4	*	2	0955	408	414.	9687.5	1630.4	*	3	1055	708	412.	9176.2	1629.6
1	0900	109	339.	1484.9	1607.7	*	2	1000	409	414.	9685.9	1630.4	*	3	1100	709	412.	9174.5	1629.6
1	0905	110	341.	1534.0	1608.1	*	2	1005	410	414.	9684.2	1630.4	*	3	1105	710	412.	9172.8	1629.6
1	0910	111	342.	1580.0	1608.4	*	2	1010	411	414.	9682.6	1630.4	*	3	1110	711	412.	9171.1	1629.6
1	0915	112	343.	1623.2	1608.7	*	2	1015	412	414.	9681.0	1630.4	*	3	1115	712	412.	9169.4	1629.6
1	0920	113	344.	1663.8	1609.0	*	2	1020	413	414.	9679.3	1630.4	*	3	1120	713	412.	9167.7	1629.6
1	0925	114	345.	1701.9	1609.3	*	2	1025	414	414.	9677.7	1630.4	*	3	1125	714	412.	9166.0	1629.6
1	0930	115	345.	1737.8	1609.6	*	2	1030	415	414.	9676.0	1630.4	*	3	1130	715	412.	9164.3	1629.6
1	0935	116	346.	1771.6	1609.8	*	2	1035	416	414.	9674.4	1630.4	*	3	1135	716	412.	9162.6	1629.6
1	0940	117	347.	1803.5	1610.0	*	2	1040	417	414.	9672.7	1630.4	*	3	1140	717	412.	9160.9	1629.6
1	0945	118	348.	1833.7	1610.2	*	2	1045	418	414.	9671.0	1630.4	*	3	1145	718	412.	9159.2	1629.6
1	0950	119	348.	1862.2	1610.4	*	2	1050	419	414.	9669.4	1630.4	*	3	1150	719	412.	9157.5	1629.6
1	0955	120	349.	1889.2	1610.6	*	2	1055	420	414.	9667.7	1630.4	*	3	1155	720	412.	9155.8	1629.6
1	1000	121	350.	1914.9	1610.7	*	2	1100	421	414.	9666.0	1630.4	*	3	1200	721	412.	9154.1	1629.6
1	1005	122	350.	1939.3	1610.9	*	2	1105	422	414.	9664.4	1630.4	*	3	1205	722	412.	9152.4	1629.6
1	1010	123	351.	1962.4	1611.0	*	2	1110	423	414.	9662.7	1630.4	*	3	1210	723	412.	9150.7	1629.6

1	1015	124	351.	1984.5	1611.2	*	2	1115	424	414.	9661.0	1630.4	*	3	1215	724	412.	9149.0	1629.6
1	1020	125	352.	2005.5	1611.3	*	2	1120	425	414.	9659.3	1630.4	*	3	1220	725	412.	9147.3	1629.6
1	1025	126	352.	2025.6	1611.4	*	2	1125	426	414.	9657.7	1630.4	*	3	1225	726	412.	9145.6	1629.6
1	1030	127	353.	2044.8	1611.5	*	2	1130	427	414.	9656.0	1630.4	*	3	1230	727	412.	9143.9	1629.6
1	1035	128	353.	2063.2	1611.6	*	2	1135	428	414.	9654.3	1630.4	*	3	1235	728	412.	9142.2	1629.6
1	1040	129	353.	2080.9	1611.8	*	2	1140	429	414.	9652.6	1630.4	*	3	1240	729	412.	9140.5	1629.6
1	1045	130	354.	2098.0	1611.9	*	2	1145	430	414.	9650.9	1630.3	*	3	1245	730	412.	9138.8	1629.6
1	1050	131	354.	2114.5	1612.0	*	2	1150	431	414.	9649.2	1630.3	*	3	1250	731	412.	9137.1	1629.6
1	1055	132	354.	2130.5	1612.1	*	2	1155	432	414.	9647.5	1630.3	*	3	1255	732	412.	9135.4	1629.6
1	1100	133	355.	2146.0	1612.2	*	2	1200	433	414.	9645.8	1630.3	*	3	1300	733	412.	9133.7	1629.6
1	1105	134	355.	2161.0	1612.3	*	2	1205	434	414.	9644.1	1630.3	*	3	1305	734	412.	9132.0	1629.6
1	1110	135	355.	2175.7	1612.3	*	2	1210	435	414.	9642.4	1630.3	*	3	1310	735	412.	9130.3	1629.6
1	1115	136	356.	2190.0	1612.4	*	2	1215	436	414.	9640.7	1630.3	*	3	1315	736	412.	9128.6	1629.6
1	1120	137	356.	2203.9	1612.5	*	2	1220	437	414.	9639.0	1630.3	*	3	1320	737	412.	9126.9	1629.6
1	1125	138	356.	2217.5	1612.6	*	2	1225	438	414.	9637.3	1630.3	*	3	1325	738	412.	9125.2	1629.6
1	1130	139	357.	2230.8	1612.7	*	2	1230	439	414.	9635.6	1630.3	*	3	1330	739	412.	9123.5	1629.6
1	1135	140	357.	2243.9	1612.8	*	2	1235	440	414.	9633.9	1630.3	*	3	1335	740	412.	9121.8	1629.6
1	1140	141	357.	2256.8	1612.9	*	2	1240	441	414.	9632.2	1630.3	*	3	1340	741	412.	9120.1	1629.5
1	1145	142	358.	2269.6	1612.9	*	2	1245	442	414.	9630.5	1630.3	*	3	1345	742	412.	9118.4	1629.5
1	1150	143	358.	2282.3	1613.0	*	2	1250	443	414.	9628.7	1630.3	*	3	1350	743	412.	9116.7	1629.5
1	1155	144	358.	2295.2	1613.1	*	2	1255	444	414.	9627.0	1630.3	*	3	1355	744	412.	9115.0	1629.5
1	1200	145	358.	2308.5	1613.2	*	2	1300	445	414.	9625.3	1630.3	*	3	1400	745	412.	9113.3	1629.5
1	1205	146	359.	2322.6	1613.3	*	2	1305	446	414.	9623.6	1630.3	*	3	1405	746	412.	9111.6	1629.5
1	1210	147	359.	2338.1	1613.4	*	2	1310	447	414.	9621.9	1630.3	*	3	1410	747	412.	9109.9	1629.5
1	1215	148	360.	2355.6	1613.5	*	2	1315	448	414.	9620.2	1630.3	*	3	1415	748	412.	9108.2	1629.5
1	1220	149	360.	2375.4	1613.6	*	2	1320	449	414.	9618.5	1630.3	*	3	1420	749	412.	9106.5	1629.5
1	1225	150	360.	2398.0	1613.7	*	2	1325	450	414.	9616.7	1630.3	*	3	1425	750	412.	9104.8	1629.5
1	1230	151	361.	2423.5	1613.9	*	2	1330	451	414.	9615.0	1630.3	*	3	1430	751	412.	9103.1	1629.5
1	1235	152	362.	2451.4	1614.1	*	2	1335	452	414.	9613.3	1630.3	*	3	1435	752	412.	9101.4	1629.5
1	1240	153	362.	2481.4	1614.3	*	2	1340	453	414.	9611.6	1630.3	*	3	1440	753	412.	9099.7	1629.5
1	1245	154	363.	2513.9	1614.5	*	2	1345	454	414.	9609.9	1630.3	*	3	1445	754	412.	9098.0	1629.5
1	1250	155	364.	2549.0	1614.7	*	2	1350	455	414.	9608.2	1630.3	*	3	1450	755	412.	9096.3	1629.5
1	1255	156	365.	2587.2	1614.9	*	2	1355	456	414.	9606.5	1630.3	*	3	1455	756	412.	9094.6	1629.5
1	1300	157	365.	2628.4	1615.1	*	2	1400	457	414.	9604.7	1630.3	*	3	1500	757	412.	9092.9	1629.5
1	1305	158	366.	2673.2	1615.3	*	2	1405	458	414.	9603.0	1630.3	*	3	1505	758	412.	9091.2	1629.5
1	1310	159	366.	2722.2	1615.4	*	2	1410	459	414.	9601.3	1630.3	*	3	1510	759	411.	9089.5	1629.5
1	1315	160	367.	2776.4	1615.6	*	2	1415	460	414.	9599.6	1630.3	*	3	1515	760	411.	9087.8	1629.5
1	1320	161	368.	2837.7	1615.8	*	2	1420	461	414.	9597.9	1630.3	*	3	1520	761	411.	9086.1	1629.5
1	1325	162	369.	2908.4	1616.1	*	2	1425	462	414.	9596.2	1630.3	*	3	1525	762	411.	9084.4	1629.5
1	1330	163	369.	2990.4	1616.4	*	2	1430	463	414.	9594.5	1630.3	*	3	1530	763	411.	9082.7	1629.5
1	1335	164	371.	3084.5	1616.7	*	2	1435	464	414.	9592.8	1630.3	*	3	1535	764	411.	9081.0	1629.5
1	1340	165	372.	3190.9	1617.1	*	2	1440	465	414.	9591.0	1630.3	*	3	1540	765	411.	9079.3	1629.5
1	1345	166	373.	3309.8	1617.5	*	2	1445	466	414.	9589.3	1630.3	*	3	1545	766	411.	9077.6	1629.5
1	1350	167	375.	3440.6	1618.0	*	2	1450	467	414.	9587.6	1630.3	*	3	1550	767	411.	9075.9	1629.5
1	1355	168	376.	3581.3	1618.5	*	2	1455	468	414.	9585.9	1630.3	*	3	1555	768	411.	9074.3	1629.5
1	1400	169	378.	3729.3	1619.0	*	2	1500	469	414.	9584.2	1630.3	*	3	1600	769	411.	9072.6	1629.5
1	1405	170	380.	3882.2	1619.6	*	2	1505	470	414.	9582.5	1630.3	*	3	1605	770	411.	9070.9	1629.5
1	1410	171	381.	4037.9	1620.1	*	2	1510	471	414.	9580.8	1630.3	*	3	1610	771	411.	9069.2	1629.5
1	1415	172	382.	4194.6	1620.4	*	2	1515	472	414.	9579.0	1630.2	*	3	1615	772	411.	9067.5	1629.5
1	1420	173	384.	4351.0	1620.8	*	2	1520	473	414.	9577.3	1630.2	*	3	1620	773	411.	9065.8	1629.5
1	1425	174	385.	4505.9	1621.1	*	2	1525	474	414.	9575.6	1630.2	*	3	1625	774	411.	9064.1	1629.5
1	1430	175	386.	4658.5	1621.4	*	2	1530	475	414.	9573.9	1630.2	*	3	1630	775	411.	9062.4	1629.5
1	1435	176	387.	4808.0	1621.8	*	2	1535	476	414.	9572.2	1630.2	*	3	1635	776	411.	9060.7	1629.5
1	1440	177	388.	4954.1	1622.1	*	2	1540	477	414.	9570.5	1630.2	*	3	1640	777	411.	9059.0	1629.4
1	1445	178	389.	5096.2	1622.4	*	2	1545	478	414.	9568.8	1630.2	*	3	1645	778	411.	9057.3	1629.4
1	1450	179	390.	5234.6	1622.7	*	2	1550	479	414.	9567.1	1630.2	*	3	1650	779	411.	9055.6	1629.4
1	1455	180	391.	5369.3	1623.0	*	2	1555	480	414.	9565.3	1630.2	*	3	1655	780	411.	9053.9	1629.4
1	1500	181	392.	5500.5	1623.3	*	2	1600	481	414.	9563.6	1630.2	*	3	1700	781	411.	9052.2	1629.4
1	1505	182	393.	5628.3	1623.5	*	2	1605	482	414.	9561.9	1630.2	*	3	1705	782	411.	9050.5	1629.4
1	1510	183	394.	5752.4	1623.8	*	2	1610	483	414.	9560.2	1630.2	*	3	1710	783	411.	9048.8	1629.4
1	1515	184	395.	5873.0	1624.1	*	2	1615	484	414.	9558.5	1630.2	*	3	1715	784	411.	9047.1	1629.4
1	1520	185	396.	5990.1	1624.3	*	2	1620	485	414.	9556.8	1630.2	*	3	1720	785	411.	9045.4	1629.4
1	1525	186	397.	6103.9	1624.6	*	2	1625	486	414.	9555.1	1630.2	*	3	1725	786	411.	9043.7	1629.4
1	1530	187	397.	6214.8	1624.8	*	2	1630	487	414.	9553.4	1630.2	*	3	1730	787	411.	9042.0	1629.4
1	1535	188	398.	6322.8	1625.0	*	2	1635	488	414.	9551.6	1630.2	*	3	1735	788	411.	9040.3	1629.4
1	1540	189	399.	6428.2	1625.2	*	2	1640	489	414.	9549.9	1630.2	*	3	1740	789	411.	9038.6	1629.4
1	1545	190	399.	6531.2	1625.4	*	2	1645	490	414.	9548.2	1630.2	*	3	1745	790	411.	9036.9	1629.4
1	1550	191	400.	6631.9	1625.5	*	2	1650	491	414.	9546.5	1630.2	*	3	1750	791	411.	9035.2	1629.4
1	1555	192	400.	6730.4	1625.7	*	2	1655	492	414.	9544.8	1630.2	*	3	1755	792	411.	9033.5	1629.4
1	1600	193	401.	6826.9	1625.8	*	2	1700	493	414.	9543.1	1630.2	*	3	1800	793	411.	9031.8	1629.4
1	1605	194	401.	6921.2	1626.0	*	2	1705	494	414.	9541.4	1630.2	*	3	1805	794	411.	9030.1	1629.4
1	1610	195	401.	7013.5	1626.2	*	2	1710	495	414.	9539.7	1630.2	*	3	1810	795	411.	9028.4	1629.4
1	1615	196	402.	7103.8	1626.3	*	2	1715	496	414.	9537.9	1630.2	*	3	1815	796	411.	9026.8	1629.4
1	1620	197	402.	7192.0	1626.4	*	2	1720	497	414.	9536.2	1630.2	*	3	1820	797	411.	9025.1	1629.4
1	1625	198	403.	7278.2	1626.6	*	2	1725	498	414.	9534.5	1630.2	*	3	1825	798	411.	9023.4	1629.4
1	1630	199	403.	7362.5	1626.7	*	2	1730	499	414.	9532.8	1630.2	*	3	1830	799	411.	9021.7	1629.4
1	1635	200	404.	7444.7	1626.8	*	2	1735	500	414.	9531.1	1630.2	*	3	1835	800	411.	9020.0	1629.4
1	1640	201	404.	7525.0	1627.0	*	2	1740	501	414.	9529.4	1630.2	*	3	1840	801	411.	9018.3	1629.4
1	1645	202	404.	7603.2	1627.1	*	2	1745	502	414.	9527.7	1630.2	*	3	1845	802	411.	9016.6	1629.4
1	1650	203	405.	7679.4	1627.2	*	2	1750	503	414.	9526.0	1630.2	*	3	1850	803	411.	9014.9	1629.4
1	1655	204	405.	7753.6	1627.3	*	2	1755	504	414.	9524.2	1630.2	*	3	1855	804	411.	9013.2	1629.4
1	1700	205	405.	7826.0	1627.5	*	2	1800	505	414.	9522.5	1630.2	*	3	1900	805	411.	9011.5	1629.4
1	1705	206	406.	7896.5	1627.6	*	2	1805	506	414.	9520.8	1630.2	*	3	1905	806	411.	9009.8	1629.4
1	1710	207	406.	7965.0	1627.7	*	2	1810	507	413.	9519.1	1630.2	*	3	1910	807	411.	9008.1	1629.4
1	1715	208	406.	8031.7	1627.8	*	2	1815	508	413.	9517.4	1630.2	*	3	1915	808	411.	9006.4	1629.4
1	1720	209	407.	8096.3	1627.9	*	2	1820	509	413.	9515.7	1630.2	*	3	1920	809	411.	9004.7	1629.4
1	1725	210	407.	8159.1	1628.0	*	2	1825	510	413.	9514.0	1630.2	*	3	1925	810	411.	9003.0	1629.4
1	1730	211	407.	8219.8	1628.1	*	2	1830	511	413.	9512.3	1630.2	*	3	1930	811	411.	9001.3	1629.4
1	1735	212	408.	8278.4	1628.2	*	2	1835	512	413.	9510.6	1630.2	*	3	1935	812	411.	8999.6	1629.4
1	1740	213	408.	8335.1	1628.3	*	2	1840	513	413.	9508.8	1630.2	*	3	1940	813	411.	8997.9	1629.4
1	1745	214	408.	8389.8	1628.4	*	2	1845	514	413.	9507.1	1630.1	*	3	1945	814	411.	8996.2	1629.3
1	1750	215	408.	8442.6	1628.5	*	2	1850	515	413.	9505.4	1630.1	*	3	1950	815	411.	8994.5	1629.3
1	1755	216	409.	8493.7	1628.5	*	2	1855	516	413.	9503.7	1630.1	*	3	1955	816	411.	8992.9	1629.3
1	1800	217	409.	8543.0	1628.6	*	2	1900	517	413.	9502.0	1630.1	*	3	2000	817	411.	8991.2	1629.3
1	1805	218	409.	8590.7	1628.7	*	2	1905	518	413.	9500.3	1630.1	*	3	2005	818	411.	8989.5	1629.3
1	1810	219	409.	8636.7	1628.8	*	2	1910	519	413.	9498.6	1630.1	*	3	2010	819	411.	8987.8	1629.3
1	1815	220	410.	8681.0	1628.8	*	2	1915	520	413.	9496.9	1630.1	*	3	2015	820	411.	8986.1	1629.3
1	1820	221	410.	8723.7	1628.9	*	2	1920	521	413.	9495.2	1630.1	*	3	2020	821	411.	8984.4	1629.3
1	1825	222	410.	8764.7	1629.0	*	2	1925	522	413.	9493.4	1630.1	*	3	2025	822	411.	8982.7	1629.3
1	1830	223	410.	8804.1	1629.0	*	2	1930	523	413.	9491.7	1630.1	*	3	2030	823	411.	8981.0	1629.3
1	1835	224	410.	8841.9	1629.1	*	2	1935	524	413.	9490.0	1630.1	*	3	2035	824	411.	8979.3	1629.3
1	1840	225	410.	8878.2	1629.2	*	2	1940	525	413.	9488.3	1630.1	*	3	2040	825	411.	8977.6	1629.3
1	1845	226	411.	8913.0	1629.2	*	2	1945	526	413.	9486.6	1630.1	*	3	2045	826	411.	8975.9	1629.3
1	1850	227	411.	8946.3	1629.3	*	2	1950	527	413.	9484.9	1630.1	*	3	2050	827	411.	8974.2	1629.3
1	1855	228	411.	8978.4	1629.3	*	2	1955	528	413.	9483.2	1630.1	*	3	2055	828	411.	8972.5	1629.3
1	1900	229	411.	9009.3	1629.4	*	2	2000	529	413.	9481.5	1630.1	*	3	2100	829	411.	8970.8	1629.3

1	1905	230	411.	9039.4	1629.4	*	2	2005	530	413.	9479.8	1630.1	*	3	2105	830	411.	8969.1	1629.3
1	1910	231	411.	9068.9	1629.5	*	2	2010	531	413.	9478.1	1630.1	*	3	2110	831	411.	8967.4	1629.3
1	1915	232	412.	9097.8	1629.5	*	2	2015	532	413.	9476.3	1630.1	*	3	2115	832	411.	8965.7	1629.3
1	1920	233	412.	9126.3	1629.6	*	2	2020	533	413.	9474.6	1630.1	*	3	2120	833	411.	8964.1	1629.3
1	1925	234	412.	9154.0	1629.6	*	2	2025	534	413.	9472.9	1630.1	*	3	2125	834	411.	8962.4	1629.3
1	1930	235	412.	9180.8	1629.6	*	2	2030	535	413.	9471.2	1630.1	*	3	2130	835	411.	8960.7	1629.3
1	1935	236	412.	9206.8	1629.7	*	2	2035	536	413.	9469.5	1630.1	*	3	2135	836	411.	8959.0	1629.3
1	1940	237	412.	9231.8	1629.7	*	2	2040	537	413.	9467.8	1630.1	*	3	2140	837	411.	8957.3	1629.3
1	1945	238	412.	9255.9	1629.8	*	2	2045	538	413.	9466.1	1630.1	*	3	2145	838	411.	8955.6	1629.3
1	1950	239	412.	9279.1	1629.8	*	2	2050	539	413.	9464.4	1630.1	*	3	2150	839	411.	8953.9	1629.3
1	1955	240	413.	9301.4	1629.8	*	2	2055	540	413.	9462.7	1630.1	*	3	2155	840	411.	8952.2	1629.3
1	2000	241	413.	9322.9	1629.9	*	2	2100	541	413.	9461.0	1630.1	*	3	2200	841	411.	8950.5	1629.3
1	2005	242	413.	9343.5	1629.9	*	2	2105	542	413.	9459.2	1630.1	*	3	2205	842	411.	8948.8	1629.3
1	2010	243	413.	9363.2	1629.9	*	2	2110	543	413.	9457.5	1630.1	*	3	2210	843	411.	8947.1	1629.3
1	2015	244	413.	9382.2	1630.0	*	2	2115	544	413.	9455.8	1630.1	*	3	2215	844	411.	8945.4	1629.3
1	2020	245	413.	9400.4	1630.0	*	2	2120	545	413.	9454.1	1630.1	*	3	2220	845	411.	8943.7	1629.3
1	2025	246	413.	9417.8	1630.0	*	2	2125	546	413.	9452.4	1630.1	*	3	2225	846	411.	8942.0	1629.3
1	2030	247	413.	9434.6	1630.0	*	2	2130	547	413.	9450.7	1630.1	*	3	2230	847	411.	8940.4	1629.3
1	2035	248	413.	9450.6	1630.1	*	2	2135	548	413.	9449.0	1630.1	*	3	2235	848	411.	8938.7	1629.3
1	2040	249	413.	9466.1	1630.1	*	2	2140	549	413.	9447.3	1630.1	*	3	2240	849	411.	8937.0	1629.3
1	2045	250	413.	9481.0	1630.1	*	2	2145	550	413.	9445.6	1630.1	*	3	2245	850	411.	8935.3	1629.3
1	2050	251	413.	9495.3	1630.1	*	2	2150	551	413.	9443.9	1630.1	*	3	2250	851	411.	8933.6	1629.2
1	2055	252	413.	9509.1	1630.2	*	2	2155	552	413.	9442.2	1630.1	*	3	2255	852	411.	8931.9	1629.2
1	2100	253	414.	9522.4	1630.2	*	2	2200	553	413.	9440.4	1630.1	*	3	2300	853	411.	8930.2	1629.2
1	2105	254	414.	9535.3	1630.2	*	2	2205	554	413.	9438.7	1630.1	*	3	2305	854	411.	8928.5	1629.2
1	2110	255	414.	9547.6	1630.2	*	2	2210	555	413.	9437.0	1630.1	*	3	2310	855	411.	8926.8	1629.2
1	2115	256	414.	9559.4	1630.2	*	2	2215	556	413.	9435.3	1630.0	*	3	2315	856	411.	8925.1	1629.2
1	2120	257	414.	9570.8	1630.2	*	2	2220	557	413.	9433.6	1630.0	*	3	2320	857	411.	8923.4	1629.2
1	2125	258	414.	9581.7	1630.3	*	2	2225	558	413.	9431.9	1630.0	*	3	2325	858	411.	8921.7	1629.2
1	2130	259	414.	9592.1	1630.3	*	2	2230	559	413.	9430.2	1630.0	*	3	2330	859	411.	8920.0	1629.2
1	2135	260	414.	9602.0	1630.3	*	2	2235	560	413.	9428.5	1630.0	*	3	2335	860	411.	8918.4	1629.2
1	2140	261	414.	9611.4	1630.3	*	2	2240	561	413.	9426.8	1630.0	*	3	2340	861	411.	8916.7	1629.2
1	2145	262	414.	9620.0	1630.3	*	2	2245	562	413.	9425.1	1630.0	*	3	2345	862	411.	8915.0	1629.2
1	2150	263	414.	9627.9	1630.3	*	2	2250	563	413.	9423.4	1630.0	*	3	2350	863	411.	8913.3	1629.2
1	2155	264	414.	9635.0	1630.3	*	2	2255	564	413.	9421.6	1630.0	*	3	2355	864	411.	8911.6	1629.2
1	2200	265	414.	9641.3	1630.3	*	2	2300	565	413.	9419.9	1630.0	*	4	0000	865	411.	8909.9	1629.2
1	2205	266	414.	9647.2	1630.3	*	2	2305	566	413.	9418.2	1630.0	*	4	0005	866	411.	8908.2	1629.2
1	2210	267	414.	9652.7	1630.4	*	2	2310	567	413.	9416.5	1630.0	*	4	0010	867	411.	8906.5	1629.2
1	2215	268	414.	9657.9	1630.4	*	2	2315	568	413.	9414.8	1630.0	*	4	0015	868	411.	8904.8	1629.2
1	2220	269	414.	9662.9	1630.4	*	2	2320	569	413.	9413.1	1630.0	*	4	0020	869	411.	8903.1	1629.2
1	2225	270	414.	9667.8	1630.4	*	2	2325	570	413.	9411.4	1630.0	*	4	0025	870	411.	8901.4	1629.2
1	2230	271	414.	9672.4	1630.4	*	2	2330	571	413.	9409.7	1630.0	*	4	0030	871	411.	8899.7	1629.2
1	2235	272	414.	9676.9	1630.4	*	2	2335	572	413.	9408.0	1630.0	*	4	0035	872	411.	8898.1	1629.2
1	2240	273	414.	9681.3	1630.4	*	2	2340	573	413.	9406.3	1630.0	*	4	0040	873	411.	8896.4	1629.2
1	2245	274	414.	9685.5	1630.4	*	2	2345	574	413.	9404.6	1630.0	*	4	0045	874	411.	8894.7	1629.2
1	2250	275	414.	9689.6	1630.4	*	2	2350	575	413.	9402.9	1630.0	*	4	0050	875	411.	8893.0	1629.2
1	2255	276	414.	9693.5	1630.4	*	2	2355	576	413.	9401.1	1630.0	*	4	0055	876	411.	8891.3	1629.2
1	2300	277	414.	9697.3	1630.4	*	3	0000	577	413.	9399.4	1630.0	*	4	0100	877	411.	8889.6	1629.2
1	2305	278	414.	9701.0	1630.4	*	3	0005	578	413.	9397.7	1630.0	*	4	0105	878	411.	8887.9	1629.2
1	2310	279	414.	9704.6	1630.4	*	3	0010	579	413.	9396.0	1630.0	*	4	0110	879	411.	8886.2	1629.2
1	2315	280	414.	9708.0	1630.4	*	3	0015	580	413.	9394.3	1630.0	*	4	0115	880	411.	8884.5	1629.2
1	2320	281	414.	9711.2	1630.4	*	3	0020	581	413.	9392.6	1630.0	*	4	0120	881	410.	8882.8	1629.2
1	2325	282	414.	9714.4	1630.4	*	3	0025	582	413.	9390.9	1630.0	*	4	0125	882	410.	8881.1	1629.2
1	2330	283	414.	9717.4	1630.4	*	3	0030	583	413.	9389.2	1630.0	*	4	0130	883	410.	8879.5	1629.2
1	2335	284	414.	9720.2	1630.4	*	3	0035	584	413.	9387.5	1630.0	*	4	0135	884	410.	8877.8	1629.2
1	2340	285	414.	9723.0	1630.4	*	3	0040	585	413.	9385.8	1630.0	*	4	0140	885	410.	8876.1	1629.2
1	2345	286	414.	9725.6	1630.5	*	3	0045	586	413.	9384.1	1630.0	*	4	0145	886	410.	8874.4	1629.2
1	2350	287	414.	9728.1	1630.5	*	3	0050	587	413.	9382.4	1630.0	*	4	0150	887	410.	8872.7	1629.1
1	2355	288	414.	9730.4	1630.5	*	3	0055	588	413.	9380.7	1630.0	*	4	0155	888	410.	8871.0	1629.1
2	0000	289	414.	9732.7	1630.5	*	3	0100	589	413.	9378.9	1630.0	*	4	0200	889	410.	8869.3	1629.1
2	0005	290	414.	9734.8	1630.5	*	3	0105	590	413.	9377.2	1630.0	*	4	0205	890	410.	8867.6	1629.1
2	0010	291	414.	9736.9	1630.5	*	3	0110	591	413.	9375.5	1630.0	*	4	0210	891	410.	8865.9	1629.1
2	0015	292	414.	9738.9	1630.5	*	3	0115	592	413.	9373.8	1630.0	*	4	0215	892	410.	8864.2	1629.1
2	0020	293	414.	9740.9	1630.5	*	3	0120	593	413.	9372.1	1630.0	*	4	0220	893	410.	8862.5	1629.1
2	0025	294	414.	9742.8	1630.5	*	3	0125	594	413.	9370.4	1630.0	*	4	0225	894	410.	8860.9	1629.1
2	0030	295	414.	9744.6	1630.5	*	3	0130	595	413.	9368.7	1629.9	*	4	0230	895	410.	8859.2	1629.1
2	0035	296	414.	9746.4	1630.5	*	3	0135	596	413.	9367.0	1629.9	*	4	0235	896	410.	8857.5	1629.1
2	0040	297	414.	9748.1	1630.5	*	3	0140	597	413.	9365.3	1629.9	*	4	0240	897	410.	8855.8	1629.1
2	0045	298	414.	9749.7	1630.5	*	3	0145	598	413.	9363.6	1629.9	*	4	0245	898	410.	8854.1	1629.1
2	0050	299	414.	9751.3	1630.5	*	3	0150	599	413.	9361.9	1629.9	*	4	0250	899	410.	8852.4	1629.1
2	0055	300	414.	9752.8	1630.5	*	3	0155	600	413.	9360.2	1629.9	*	4	0255	900	410.	8850.7	1629.1
						*							*						

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 415.	27.33		415.	414.	386.	371.
		(INCHES)	.020	.080	.224	.224
		(AC-FT)	206.	821.	2297.	2297.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	74.92-HR
+ (AC-FT)	(HR)				
9774.	27.50	9765.	9657.	7954.	7644.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	74.92-HR
+ (FEET)	(HR)				
1630.52	27.42	1630.51	1630.36	1624.11	1621.65

CUMULATIVE AREA = 191.93 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	CC	20848.	14.33	11546.	3496.	1170.	142.29		

```
          HYDROGRAPH AT
+                          AW     10359.   7.83       4479.      1557.       609.     30.64
          2 COMBINED AT
+                        C550     21705.  14.25      12567.      5053.      1779.    172.93
          HYDROGRAPH AT
+                        EAST      2505.  13.50        816.       236.        94.     19.00
          2 COMBINED AT
+                       CBD-I     23161.  14.25      13298.      5289.      1873.    191.93
          ROUTED TO
+                       CBD-O       415.  27.33        415.       414.       386.    191.93
+                                                                                   1630.52       27.42
```

*** NORMAL END OF HEC-1 ***

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1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN   1998              *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   07MAR01  TIME  09:50:49  *
*                                      *
****************************************
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****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                    HEC-1 INPUT                                                    PAGE  1

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

    1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File:EXCBD-10.IH1
    2           ID           By: Stantec Consulting, Inc.                    Original: 07/22/99
    3           ID         For: Flood Control District of Maricopa County   Revised:
    4           ID
    5           ID        This is an existing condition model of the total inflow to Cave Buttes
    6           ID        Dam.  Inflow hydrographs for Cave Creek and Apache Wash are developed
    7           ID        from the following:
    8           ID
    9           ID        Cave Creek Watershed at Cave Buttes Dam
   10           ID           Combined HEC-1 models from:
   11           ID             1.  George V. Sabol Consulting Engineers FCD 95-28
   12           ID                 Cave Creek Watershed at the Carefree Highway
   13           ID                 Original model dated 06-17-96 by mcg
   14           ID                 GVSCE Project No. 84
   15           ID
   16           ID             2.  Willdan Associates FCD 95-30
   17           ID                 Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   18           ID                 Original model dated 11-29-96
   19           ID                 Willdan Project No. 08855
   20           ID
   21           ID        Model Basis:
   22           ID           10-year, 24-hr rainfall with SCS Type II distribution
   23           ID           Green & Ampt Loss Rate Method
   24           ID           NMIN = 5
   25           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   26           ID           Clark Unit Hydrograph
   27           ID           Modified Puls channel storage routing
   28           ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Comp
   29           ID
   30           ID        Apache Wash Watershed at Cave Buttes Dam
   31           ID           Jerry Jones and Associates, Inc. FCD 89-66
   32           ID           Apache Wash Flood Insurance Study
   33           ID           Original model dated 2-15-89
   34           ID
   35           ID        Model Basis:
   36           ID           10-year, 24-hr rainfall with SCS Type IIA distribution
   37           ID           SCS Curve Number with RTIMP
   38           ID           NMIN = 10
   39           ID           SCS dimensionless unit hydrograph
   40           ID
   41           ID
   42           ID        The remaining portion of the Cave Buttes Dam watershed is modele
   43           ID        single basin for existing conditions and is based on the followi
   44           ID           10-year, 24-hour rainfall with SCS Type II distribution
   45           ID           Green & Ampt Loss Rate Method
   46           ID           NMIN = 5
   47           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   48           ID           USGS 7.5 Minutes Series Quadrangle Maps
   49           ID
                *
   50           IT       5                    900
   51           IO       5
   52           IN       5
                *
1                                    HEC-1 INPUT                                                    PAGE  2

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   53           KK      CC
   54           KM         Inflow hydrograph at Cave Buttes Dam from Cave Creek
   55           BA  142.29
   56           QI       0       0       0       0       0       0       0       0       0       0
   57           QI       0       0       0       0       0       0       0       0       0       0
   58           QI       0       0       0       0       0       0       0       0       0       0
   59           QI       0       0       0       0       0       0       0       1       1       1
   60           QI       1       1       1       1       1       1       1       1       2       2
   61           QI       2       2       2       2       2       2       3       3       3       3
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 62      QI      3      4      4      4      4      5      5      5      6      6
 63      QI      6      7      7      7      8      8      9     10     10     11
 64      QI     12     13     14     16     18     20     22     24     27     29
 65      QI     32     34     36     39     41     44     49     54     58     63
 66      QI     67     71     75     79     83     86     90     93     97    101
 67      QI    105    109    114    118    121    125    128    131    134    137
 68      QI    139    142    145    148    152    155    158    162    166    170
 69      QI    174    178    183    187    192    198    203    209    216    223
 70      QI    231    242    256    275    314    374    462    585    752    996
 71      QI   1295   1618   1924   2114   2224   2329   2470   2668   2943   3329
 72      QI   3856   4627   5784   7362   9128  10859  12568  14206  15624  16660
 73      QI  17372  17801  18019  18073  17992  17795  17507  17180  16851  16513
 74      QI  16166  15815  15477  15144  14824  14522  14240  13975  13727  13494
 75      QI  13262  13019  12764  12495  12227  11935  11626  11305  10973  10636
 76      QI  10302   9982   9683   9396   9108   8808   8500   8190   7882   7565
 77      QI   7241   6957   6696   6463   6263   6075   5877   5676   5466   5254
 78      QI   5044   4839   4641   4453   4281   4121   3976   3851   3747   3662
 79      QI   3580   3492   3398   3298   3196   3094   2991   2885   2779   2674
 80      QI   2572   2472   2375   2283   2196   2115   2043   1974   1909   1846
 81      QI   1783   1721   1658   1593   1524   1445   1350   1229   1089    975
 82      QI    903    857    825    799    777    757    739    722    706    690
 83      QI    674    658    641    624    607    590    574    558    543    530
 84      QI    517    505    493    481    468    457    445    434    423    413
 85      QI    403    393    384    375    367    359    351    344    337    330
 86      QI    324    318    313    309    304    300    296    292    288    284
 87      QI    281    277    274    270    267    263    258    253    248    243
 88      QI    238    233    228    223    218    213    207    202    197    191
 89      QI    186    181    175    170    164    159    153    148    142    137
 90      QI    131    126    121    117    113    110    107    104    101     99
 91      QI     96     93     90     87     84     81     78     75     73     71
 92      QI     69     67     65     64     62     61     59     58     56     55
 93      QI     53     52     50     49     47     46     44     43     41     40
 94      QI     39     38     37     35     34     32     31     29     28     26
 95      QI     25     24     22     21     20     19     18     18     17     16
 96      QI     16     15     15     15     14     14     13     13     12     12
 97      QI     11     11     10     10      9      9      8      8      7      7
 98      QI      7      6      6      5      5      5      4      4      4      3
 99      QI      3      3      3      2      2      2      2      2      2      1
100      QI      1      1      1      1      1      1      1      1      1      1
101      QI      1      0      0      0      0      0      0      0      0      0
102      IN     10
         *
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LINE     ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

103      KK     AW
104      KM        Inflow hydrograph to Cave Buttes Dam from Apache Wash
105      BA   30.64
106      QI      0      0      0      0      0      0      0      0      0      0
107      QI      0      0      0      0      0      0      0      0      0      0
108      QI      0      0      0      0      0      0      0      0      0      0
109      QI      0      0      0      0    225    999   2168   2795   2485   2038
110      QI   1689   1310   1303   1259   1160   5506   7621   9473   9447   8791
111      QI   8045   7926   8596   8108   7189   6326   5573   4927   4373   3898
112      QI   3488   3132   2817   2546   2319   2130   1970   1827   1696   1578
113      QI   1477   1389   1313   1252   1204   1164   1122   1075   1031    994
114      QI    963    935    911    891    875    857    834    813    854    975
115      QI   1085   1099   1015    926    859    803    764    764    815    911
116      QI   1024   1112   1169   1221   1284   1347   1389   1351   1258   1161
117      QI   1086   1033    962    885    818    855    877    812    740    674
118      QI    617    569    527    491    460    432    405    379    354    331
119      QI    310    291    273    258    244    231    220    210    200    191
120      QI    182    172    161    151    141      0
121      IN      5
         *

122      KK   C550
123      KO      1                                21
124      KM        Total inflow from Apache Wash and Cave Creek
125      HC      2
         *

126      KK   EAST
127      KM        Inflow hydrograph to Cave Buttes Dam from Apache Wash
128      BA   16.96
129      QI      0      0      0      0      0      0      0      1      1      1
130      QI      1      1      2      2      2      3      3      4      4      4
131      QI      5      5      5      5      6      6      6      6      6      6
132      QI      7      7      7      7      7      7      7      7      7      7
133      QI      7      7      7      7      7      7      7      8      8      8
134      QI      8      8      8      8      8      8      8      8      8      9
135      QI      9      9      9      9      9      9      9      9      9     10
136      QI     10     10     10     10     10     10     10     10     10     10
137      QI     10     10     10     11     11     11     11     11     11     11
138      QI     11     12     12     12     12     12     12     12     12     12
139      QI     12     12     13     13     13     13     13     14     14     14
140      QI     15     15     15     16     16     16     17     17     17     18
141      QI     18     18     19     19     19     20     20     20     21     21
142      QI     22     23     23     24     25     26     30     35     39     73
143      QI    112    154    216    329    468    597    776    989   1221   1428
144      QI   1627   1805   1960   2092   2195   2249   2268   2259   2200   2107
145      QI   1986   1844   1691   1532   1389   1257   1139   1032    933    845
146      QI    764    689    625    564    512    469    421    384    349    316
147      QI    282    252    235    216    196    175    160    144    124    105
148      QI     85     82     81     80     79     79     78     77     76     75
149      QI     67     58     50     39     29     18     17     17     16     16
150      QI     16     15     15     15     15     14     14     14     14     13
151      QI     13     13     13     13     12     12     12     12     12     11
152      QI     11     11     11     11     11     11     11     11     11     11
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LINE     ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

153      QI     11     10     10     10     10     10     10     10     10      0
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                    *
154                 KK   CBD-I
155                 KO       1                                  21
156                 KM        Total inflow to Cave Buttes Dam
157                 HC       2
                    *

158                 KK   CBD-O
159                 KO       1
160                 RS       1    FLOW      -1
161                 SV       0     250     700    1100    1800    2600    4000    6300    9400   13000
162                 SV   17500   23000   29200   37000   46000
163                 SE  1560.7    1595    1600    1605    1610    1615    1620    1625    1630    1635
164                 SE    1640    1645    1650    1655    1660
165                 SQ       0     132     215     243     268     290     311     330     347     365
166                 SQ     381     398     413     428     442     455     468     481     493
167                 SE  1560.7    1570    1580    1585    1590    1595    1600    1605    1610    1615
168                 SE    1620    1625    1630    1635    1640    1645    1650    1655    1660
                    *
169                 ZZ
1*****************************************                                    *****************************************
*                                         *                                    *                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)     *                                    *   U.S. ARMY CORPS OF ENGINEERS        *
*              JUN   1998                 *                                    *   HYDROLOGIC ENGINEERING CENTER       *
*            VERSION 4.1                  *                                    *          609 SECOND STREET            *
*                                         *                                    *       DAVIS, CALIFORNIA 95616         *
*  RUN DATE   07MAR01  TIME  09:50:49     *                                    *          (916) 756-1104               *
*                                         *                                    *                                       *
*****************************************                                    *****************************************
```

```
                    *                    Upper Cave Creek/Apache Wash Watercourse Master Plan  File:EXCBD-10.IH1
                                            By: Stantec Consulting, Inc.                          Original: 07/22/99
                                           For: Flood Control District of Maricopa County   Revised:

                                         This is an existing condition model of the total inflow to Cave Buttes
                                         Dam.  Inflow hydrographs for Cave Creek and Apache Wash are developed
                                         from the following:

                                         Cave Creek Watershed at Cave Buttes Dam
                                            Combined HEC-1 models from:
                                               1.  George V. Sabol Consulting Engineers FCD 95-28
                                                   Cave Creek Watershed at the Carefree Highway
                                                   Original model dated 06-17-96 by mcg
                                                   GVSCE Project No. 84

                                               2.  Willdan Associates FCD 95-30
                                                   Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
                                                   Original model dated 11-29-96
                                                   Willdan Project No. 08855

                                         Model Basis:
                                            10-year, 24-hr rainfall with SCS Type II distribution
                                            Green & Ampt Loss Rate Method
                                            NMIN = 5
                                            Phoenix Mountain and Desert/Rangeland S-Graph
                                            Clark Unit Hydrograph
                                            Modified Puls channel storage routing
                                            200 Scale 2' CI mapping of study reach by Aerial Mapping Comp

                                         Apache Wash Watershed at Cave Buttes Dam
                                            Jerry Jones and Associates, Inc. FCD 89-66
                                            Apache Wash Flood Insurance Study
                                            Original model dated 2-15-89

                                         Model Basis:
                                            10-year, 24-hr rainfall with SCS Type IIA distribution
                                            SCS Curve Number with RTIMP
                                            NMIN = 10
                                            SCS dimensionless unit hydrograph


                                         The remaining portion of the Cave Buttes Dam watershed is modele
                                         single basin for existing conditions and is based on the followi
                                            10-year, 24-hour rainfall with SCS Type II distribution
                                            Green & Ampt Loss Rate Method
                                            NMIN = 5
                                            Phoenix Mountain and Desert/Rangeland S-Graph
                                            USGS 7.5 Minutes Series Quadrangle Maps


 51 IO          OUTPUT CONTROL VARIABLES
                      IPRNT           5  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

    IT          HYDROGRAPH TIME DATA
                       NMIN           5  MINUTES IN COMPUTATION INTERVAL
                      IDATE      1    0  STARTING DATE
                      ITIME        0000  STARTING TIME
                         NQ         900  NUMBER OF HYDROGRAPH ORDINATES
                     NDDATE      4    0  ENDING DATE
                     NDTIME        0255  ENDING TIME
                      ICENT          19  CENTURY MARK

                 COMPUTATION INTERVAL     .08 HOURS
                      TOTAL TIME BASE   74.92 HOURS

          ENGLISH UNITS
               DRAINAGE AREA          SQUARE MILES
               PRECIPITATION DEPTH    INCHES
               LENGTH, ELEVATION      FEET
```

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FLOW                    CUBIC FEET PER SECOND
STORAGE VOLUME          ACRE-FEET
SURFACE AREA            ACRES
TEMPERATURE             DEGREES FAHRENHEIT

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

          **************
          *            *
122 KK    *     C550   *
          *            *
          **************

123 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .083  TIME INTERVAL IN HOURS

                         Total inflow from Apache Wash and Cave Creek

125 HC          HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                  ***

*****************************************************************************************************************************

                                   HYDROGRAPH AT STATION     C550
                                        SUM OF  2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	5045.	*	2		1330	451	142.	*	3		0815	676	142.
1		0005	2	0.	*	1		1850	227	4861.	*	2		1335	452	142.	*	3		0820	677	142.
1		0010	3	0.	*	1		1855	228	4703.	*	2		1340	453	142.	*	3		0825	678	142.
1		0015	4	0.	*	1		1900	229	4565.	*	2		1345	454	142.	*	3		0830	679	142.
1		0020	5	0.	*	1		1905	230	4499.	*	2		1350	455	142.	*	3		0835	680	142.
1		0025	6	0.	*	1		1910	231	4435.	*	2		1355	456	142.	*	3		0840	681	142.
1		0030	7	0.	*	1		1915	232	4358.	*	2		1400	457	142.	*	3		0845	682	142.
1		0035	8	0.	*	1		1920	233	4275.	*	2		1405	458	142.	*	3		0850	683	142.
1		0040	9	0.	*	1		1925	234	4143.	*	2		1410	459	142.	*	3		0855	684	142.
1		0045	10	0.	*	1		1930	235	4008.	*	2		1415	460	142.	*	3		0900	685	142.
1		0050	11	0.	*	1		1935	236	3870.	*	2		1420	461	142.	*	3		0905	686	142.
1		0055	12	0.	*	1		1940	237	3731.	*	2		1425	462	142.	*	3		0910	687	142.
1		0100	13	0.	*	1		1945	238	3592.	*	2		1430	463	142.	*	3		0915	688	142.
1		0105	14	0.	*	1		1950	239	3453.	*	2		1435	464	142.	*	3		0920	689	142.
1		0110	15	0.	*	1		1955	240	3320.	*	2		1440	465	142.	*	3		0925	690	142.
1		0115	16	0.	*	1		2000	241	3189.	*	2		1445	466	142.	*	3		0930	691	142.
1		0120	17	0.	*	1		2005	242	3065.	*	2		1450	467	142.	*	3		0935	692	142.
1		0125	18	0.	*	1		2010	243	2944.	*	2		1455	468	142.	*	3		0940	693	142.
1		0130	19	0.	*	1		2015	244	2831.	*	2		1500	469	142.	*	3		0945	694	142.
1		0135	20	0.	*	1		2020	245	2723.	*	2		1505	470	142.	*	3		0950	695	142.
1		0140	21	0.	*	1		2025	246	2624.	*	2		1510	471	142.	*	3		0955	696	142.
1		0145	22	0.	*	1		2030	247	2534.	*	2		1515	472	142.	*	3		1000	697	142.
1		0150	23	0.	*	1		2035	248	2450.	*	2		1520	473	142.	*	3		1005	698	142.
1		0155	24	0.	*	1		2040	249	2369.	*	2		1525	474	142.	*	3		1010	699	142.
1		0200	25	0.	*	1		2045	250	2292.	*	2		1530	475	142.	*	3		1015	700	142.
1		0205	26	0.	*	1		2050	251	2215.	*	2		1535	476	142.	*	3		1020	701	142.
1		0210	27	0.	*	1		2055	252	2140.	*	2		1540	477	142.	*	3		1025	702	142.
1		0215	28	0.	*	1		2100	253	2063.	*	2		1545	478	142.	*	3		1030	703	142.
1		0220	29	0.	*	1		2105	254	1985.	*	2		1550	479	142.	*	3		1035	704	142.
1		0225	30	0.	*	1		2110	255	1903.	*	2		1555	480	142.	*	3		1040	705	142.
1		0230	31	0.	*	1		2115	256	1812.	*	2		1600	481	142.	*	3		1045	706	142.
1		0235	32	0.	*	1		2120	257	1704.	*	2		1605	482	142.	*	3		1050	707	142.
1		0240	33	0.	*	1		2125	258	1572.	*	2		1610	483	142.	*	3		1055	708	142.
1		0245	34	0.	*	1		2130	259	1420.	*	2		1615	484	142.	*	3		1100	709	142.
1		0250	35	0.	*	1		2135	260	1296.	*	2		1620	485	142.	*	3		1105	710	142.
1		0255	36	0.	*	1		2140	261	1213.	*	2		1625	486	142.	*	3		1110	711	142.
1		0300	37	0.	*	1		2145	262	1158.	*	2		1630	487	142.	*	3		1115	712	142.
1		0305	38	1.	*	1		2150	263	1116.	*	2		1635	488	142.	*	3		1120	713	142.
1		0310	39	1.	*	1		2155	264	1081.	*	2		1640	489	142.	*	3		1125	714	142.
1		0315	40	1.	*	1		2200	265	1050.	*	2		1645	490	142.	*	3		1130	715	142.
1		0320	41	1.	*	1		2205	266	1023.	*	2		1650	491	142.	*	3		1135	716	142.
1		0325	42	1.	*	1		2210	267	997.	*	2		1655	492	142.	*	3		1140	717	142.
1		0330	43	1.	*	1		2215	268	973.	*	2		1700	493	142.	*	3		1145	718	142.
1		0335	44	1.	*	1		2220	269	950.	*	2		1705	494	142.	*	3		1150	719	142.
1		0340	45	1.	*	1		2225	270	928.	*	2		1710	495	142.	*	3		1155	720	142.
1		0345	46	1.	*	1		2230	271	905.	*	2		1715	496	142.	*	3		1200	721	142.
1		0350	47	1.	*	1		2235	272	884.	*	2		1720	497	142.	*	3		1205	722	142.
1		0355	48	1.	*	1		2240	273	861.	*	2		1725	498	142.	*	3		1210	723	142.
1		0400	49	2.	*	1		2245	274	839.	*	2		1730	499	142.	*	3		1215	724	142.
1		0405	50	2.	*	1		2250	275	817.	*	2		1735	500	142.	*	3		1220	725	142.
1		0410	51	2.	*	1		2255	276	795.	*	2		1740	501	142.	*	3		1225	726	142.
1		0415	52	2.	*	1		2300	277	774.	*	2		1745	502	142.	*	3		1230	727	142.
1		0420	53	2.	*	1		2305	278	754.	*	2		1750	503	142.	*	3		1235	728	142.
1		0425	54	2.	*	1		2310	279	734.	*	2		1755	504	142.	*	3		1240	729	142.
1		0430	55	2.	*	1		2315	280	717.	*	2		1800	505	142.	*	3		1245	730	142.
1		0435	56	2.	*	1		2320	281	699.	*	2		1805	506	142.	*	3		1250	731	142.
1		0440	57	3.	*	1		2325	282	682.	*	2		1810	507	142.	*	3		1255	732	142.
1		0445	58	3.	*	1		2330	283	665.	*	2		1815	508	142.	*	3		1300	733	142.
1		0450	59	3.	*	1		2335	284	648.	*	2		1820	509	142.	*	3		1305	734	142.
1		0455	60	3.	*	1		2340	285	629.	*	2		1825	510	142.	*	3		1310	735	142.
1		0500	61	3.	*	1		2345	286	613.	*	2		1830	511	142.	*	3		1315	736	142.
1		0505	62	4.	*	1		2350	287	596.	*	2		1835	512	142.	*	3		1320	737	142.
1		0510	63	4.	*	1		2355	288	580.	*	2		1840	513	142.	*	3		1325	738	142.
1		0515	64	4.	*	2		0000	289	564.	*	2		1845	514	142.	*	3		1330	739	142.

1	0520	65	4.	*	2	0005	290	554.	*	2	1850	515	142.	*	3	1335	740	142.
1	0525	66	5.	*	2	0010	291	544.	*	2	1855	516	142.	*	3	1340	741	142.
1	0530	67	5.	*	2	0015	292	534.	*	2	1900	517	142.	*	3	1345	742	142.
1	0535	68	118.	*	2	0020	293	525.	*	2	1905	518	142.	*	3	1350	743	142.
1	0540	69	231.	*	2	0025	294	516.	*	2	1910	519	142.	*	3	1355	744	142.
1	0545	70	618.	*	2	0030	295	508.	*	2	1915	520	142.	*	3	1400	745	142.
1	0550	71	1005.	*	2	0035	296	500.	*	2	1920	521	142.	*	3	1405	746	142.
1	0555	72	1591.	*	2	0040	297	492.	*	2	1925	522	142.	*	3	1410	747	142.
1	0600	73	2175.	*	2	0045	298	485.	*	2	1930	523	142.	*	3	1415	748	142.
1	0605	74	2489.	*	2	0050	299	478.	*	2	1935	524	142.	*	3	1420	749	142.
1	0610	75	2803.	*	2	0055	300	471.	*	2	1940	525	142.	*	3	1425	750	142.
1	0615	76	2648.	*	2	0100	301	465.	*	2	1945	526	142.	*	3	1430	751	142.
1	0620	77	2494.	*	2	0105	302	459.	*	2	1950	527	142.	*	3	1435	752	142.
1	0625	78	2272.	*	2	0110	303	454.	*	2	1955	528	142.	*	3	1440	753	142.
1	0630	79	2048.	*	2	0115	304	450.	*	2	2000	529	142.	*	3	1445	754	142.
1	0635	80	1875.	*	2	0120	305	445.	*	2	2005	530	142.	*	3	1450	755	142.
1	0640	81	1701.	*	2	0125	306	441.	*	2	2010	531	142.	*	3	1455	756	142.
1	0645	82	1513.	*	2	0130	307	437.	*	2	2015	532	142.	*	3	1500	757	142.
1	0650	83	1324.	*	2	0135	308	433.	*	2	2020	533	142.	*	3	1505	758	142.
1	0655	84	1323.	*	2	0140	309	429.	*	2	2025	534	142.	*	3	1510	759	142.
1	0700	85	1321.	*	2	0145	310	425.	*	2	2030	535	142.	*	3	1515	760	142.
1	0705	86	1301.	*	2	0150	311	422.	*	2	2035	536	142.	*	3	1520	761	142.
1	0710	87	1281.	*	2	0155	312	418.	*	2	2040	537	142.	*	3	1525	762	142.
1	0715	88	1234.	*	2	0200	313	415.	*	2	2045	538	142.	*	3	1530	763	142.
1	0720	89	1187.	*	2	0205	314	411.	*	2	2050	539	142.	*	3	1535	764	142.
1	0725	90	3362.	*	2	0210	315	408.	*	2	2055	540	142.	*	3	1540	765	142.
1	0730	91	5538.	*	2	0215	316	404.	*	2	2100	541	142.	*	3	1545	766	142.
1	0735	92	6598.	*	2	0220	317	399.	*	2	2105	542	142.	*	3	1550	767	142.
1	0740	93	7657.	*	2	0225	318	394.	*	2	2110	543	142.	*	3	1555	768	142.
1	0745	94	8586.	*	2	0230	319	389.	*	2	2115	544	142.	*	3	1600	769	142.
1	0750	95	9514.	*	2	0235	320	384.	*	2	2120	545	142.	*	3	1605	770	142.
1	0755	96	9504.	*	2	0240	321	379.	*	2	2125	546	142.	*	3	1610	771	142.
1	0800	97	9496.	*	2	0245	322	374.	*	2	2130	547	142.	*	3	1615	772	142.
1	0805	98	9173.	*	2	0250	323	369.	*	2	2135	548	142.	*	3	1620	773	142.
1	0810	99	8849.	*	2	0255	324	364.	*	2	2140	549	142.	*	3	1625	774	142.
1	0815	100	8481.	*	2	0300	325	359.	*	2	2145	550	142.	*	3	1630	775	142.
1	0820	101	8113.	*	2	0305	326	354.	*	2	2150	551	142.	*	3	1635	776	142.
1	0825	102	8057.	*	2	0310	327	348.	*	2	2155	552	142.	*	3	1640	777	142.
1	0830	103	8001.	*	2	0315	328	343.	*	2	2200	553	142.	*	3	1645	778	142.
1	0835	104	8340.	*	2	0320	329	338.	*	2	2205	554	142.	*	3	1650	779	142.
1	0840	105	8679.	*	2	0325	330	332.	*	2	2210	555	142.	*	3	1655	780	142.
1	0845	106	8438.	*	2	0330	331	327.	*	2	2215	556	142.	*	3	1700	781	142.
1	0850	107	8198.	*	2	0335	332	322.	*	2	2220	557	142.	*	3	1705	782	142.
1	0855	108	7742.	*	2	0340	333	316.	*	2	2225	558	142.	*	3	1710	783	142.
1	0900	109	7286.	*	2	0345	334	311.	*	2	2230	559	142.	*	3	1715	784	142.
1	0905	110	6859.	*	2	0350	335	305.	*	2	2235	560	142.	*	3	1720	785	142.
1	0910	111	6431.	*	2	0355	336	300.	*	2	2240	561	142.	*	3	1725	786	142.
1	0915	112	6059.	*	2	0400	337	294.	*	2	2245	562	142.	*	3	1730	787	142.
1	0920	113	5687.	*	2	0405	338	289.	*	2	2250	563	142.	*	3	1735	788	142.
1	0925	114	5368.	*	2	0410	339	283.	*	2	2255	564	142.	*	3	1740	789	142.
1	0930	115	5048.	*	2	0415	340	278.	*	2	2300	565	142.	*	3	1745	790	142.
1	0935	116	4775.	*	2	0420	341	272.	*	2	2305	566	142.	*	3	1750	791	142.
1	0940	117	4501.	*	2	0425	342	267.	*	2	2310	567	142.	*	3	1755	792	142.
1	0945	118	4267.	*	2	0430	343	262.	*	2	2315	568	142.	*	3	1800	793	142.
1	0950	119	4032.	*	2	0435	344	258.	*	2	2320	569	142.	*	3	1805	794	142.
1	0955	120	3830.	*	2	0440	345	254.	*	2	2325	570	142.	*	3	1810	795	142.
1	1000	121	3627.	*	2	0445	346	251.	*	2	2330	571	142.	*	3	1815	796	142.
1	1005	122	3452.	*	2	0450	347	248.	*	2	2335	572	142.	*	3	1820	797	142.
1	1010	123	3277.	*	2	0455	348	245.	*	2	2340	573	142.	*	3	1825	798	142.
1	1015	124	3123.	*	2	0500	349	242.	*	2	2345	574	142.	*	3	1830	799	142.
1	1020	125	2969.	*	2	0505	350	240.	*	2	2350	575	142.	*	3	1835	800	142.
1	1025	126	2837.	*	2	0510	351	237.	*	2	2355	576	142.	*	3	1840	801	142.
1	1030	127	2704.	*	2	0515	352	234.	*	3	0000	577	142.	*	3	1845	802	142.
1	1035	128	2595.	*	2	0520	353	231.	*	3	0005	578	142.	*	3	1850	803	142.
1	1040	129	2485.	*	2	0525	354	228.	*	3	0010	579	142.	*	3	1855	804	142.
1	1045	130	2395.	*	2	0530	355	225.	*	3	0015	580	142.	*	3	1900	805	142.
1	1050	131	2304.	*	2	0535	356	222.	*	3	0020	581	142.	*	3	1905	806	142.
1	1055	132	2228.	*	2	0540	357	219.	*	3	0025	582	142.	*	3	1910	807	142.
1	1100	133	2153.	*	2	0545	358	216.	*	3	0030	583	142.	*	3	1915	808	142.
1	1105	134	2086.	*	2	0550	359	214.	*	3	0035	584	142.	*	3	1920	809	142.
1	1110	135	2019.	*	2	0555	360	212.	*	3	0040	585	142.	*	3	1925	810	142.
1	1115	136	1960.	*	2	0600	361	210.	*	3	0045	586	142.	*	3	1930	811	142.
1	1120	137	1899.	*	2	0605	362	208.	*	3	0050	587	142.	*	3	1935	812	142.
1	1125	138	1846.	*	2	0610	363	206.	*	3	0055	588	142.	*	3	1940	813	142.
1	1130	139	1794.	*	2	0615	364	205.	*	3	0100	589	142.	*	3	1945	814	142.
1	1135	140	1751.	*	2	0620	365	203.	*	3	0105	590	142.	*	3	1950	815	142.
1	1140	141	1708.	*	2	0625	366	202.	*	3	0110	591	142.	*	3	1955	816	142.
1	1145	142	1675.	*	2	0630	367	200.	*	3	0115	592	142.	*	3	2000	817	142.
1	1150	143	1645.	*	2	0635	368	199.	*	3	0120	593	142.	*	3	2005	818	142.
1	1155	144	1626.	*	2	0640	369	197.	*	3	0125	594	142.	*	3	2010	819	142.
1	1200	145	1627.	*	2	0645	370	196.	*	3	0130	595	142.	*	3	2015	820	142.
1	1205	146	1657.	*	2	0650	371	194.	*	3	0135	596	142.	*	3	2020	821	142.
1	1210	147	1714.	*	2	0655	372	193.	*	3	0140	597	142.	*	3	2025	822	142.
1	1215	148	1813.	*	2	0700	373	191.	*	3	0145	598	142.	*	3	2030	823	142.
1	1220	149	1956.	*	2	0705	374	190.	*	3	0150	599	142.	*	3	2035	824	142.
1	1225	150	2180.	*	2	0710	375	188.	*	3	0155	600	142.	*	3	2040	825	142.
1	1230	151	2459.	*	2	0715	376	187.	*	3	0200	601	142.	*	3	2045	826	142.
1	1235	152	2761.	*	2	0720	377	185.	*	3	0205	602	142.	*	3	2050	827	142.
1	1240	153	3046.	*	2	0725	378	184.	*	3	0210	603	142.	*	3	2055	828	142.
1	1245	154	3213.	*	2	0730	379	182.	*	3	0215	604	142.	*	3	2100	829	142.
1	1250	155	3299.	*	2	0735	380	181.	*	3	0220	605	142.	*	3	2105	830	142.
1	1255	156	3382.	*	2	0740	381	180.	*	3	0225	606	142.	*	3	2110	831	142.
1	1300	157	3501.	*	2	0745	382	179.	*	3	0230	607	142.	*	3	2115	832	142.
1	1305	158	3681.	*	2	0750	383	178.	*	3	0235	608	142.	*	3	2120	833	142.
1	1310	159	3937.	*	2	0755	384	176.	*	3	0240	609	142.	*	3	2125	834	142.
1	1315	160	4308.	*	2	0800	385	175.	*	3	0245	610	142.	*	3	2130	835	142.
1	1320	161	4819.	*	2	0805	386	173.	*	3	0250	611	142.	*	3	2135	836	142.
1	1325	162	5576.	*	2	0810	387	172.	*	3	0255	612	142.	*	3	2140	837	142.
1	1330	163	6719.	*	2	0815	388	170.	*	3	0300	613	142.	*	3	2145	838	142.
1	1335	164	8285.	*	2	0820	389	169.	*	3	0305	614	142.	*	3	2150	839	142.
1	1340	165	10039.	*	2	0825	390	167.	*	3	0310	615	142.	*	3	2155	840	142.
1	1345	166	11760.	*	2	0830	391	166.	*	3	0315	616	142.	*	3	2200	841	142.
1	1350	167	13459.	*	2	0835	392	165.	*	3	0320	617	142.	*	3	2205	842	142.
1	1355	168	15089.	*	2	0840	393	163.	*	3	0325	618	142.	*	3	2210	843	142.
1	1400	169	16499.	*	2	0845	394	162.	*	3	0330	619	142.	*	3	2215	844	142.
1	1405	170	17526.	*	2	0850	395	161.	*	3	0335	620	142.	*	3	2220	845	142.

1	1410	171	18229.	*	2	0855	396	160.	*	3	0340	621	142.	*	3	2225	846	142.
1	1415	172	18647.	*	2	0900	397	159.	*	3	0345	622	142.	*	3	2230	847	142.
1	1420	173	18853.	*	2	0905	398	159.	*	3	0350	623	142.	*	3	2235	848	142.
1	1425	174	18897.	*	2	0910	399	158.	*	3	0355	624	142.	*	3	2240	849	142.
1	1430	175	18805.	*	2	0915	400	157.	*	3	0400	625	142.	*	3	2245	850	142.
1	1435	176	18629.	*	2	0920	401	157.	*	3	0405	626	142.	*	3	2250	851	142.
1	1440	177	18361.	*	2	0925	402	156.	*	3	0410	627	142.	*	3	2255	852	142.
1	1445	178	18095.	*	2	0930	403	156.	*	3	0415	628	142.	*	3	2300	853	142.
1	1450	179	17826.	*	2	0935	404	156.	*	3	0420	629	142.	*	3	2305	854	142.
1	1455	180	17543.	*	2	0940	405	155.	*	3	0425	630	142.	*	3	2310	855	142.
1	1500	181	17251.	*	2	0945	406	155.	*	3	0430	631	142.	*	3	2315	856	142.
1	1505	182	16907.	*	2	0950	407	154.	*	3	0435	632	142.	*	3	2320	857	142.
1	1510	183	16576.	*	2	0955	408	154.	*	3	0440	633	142.	*	3	2325	858	142.
1	1515	184	16201.	*	2	1000	409	153.	*	3	0445	634	142.	*	3	2330	859	142.
1	1520	185	15839.	*	2	1005	410	153.	*	3	0450	635	142.	*	3	2335	860	142.
1	1525	186	15493.	*	2	1010	411	152.	*	3	0455	636	142.	*	3	2340	861	142.
1	1530	187	15166.	*	2	1015	412	152.	*	3	0500	637	142.	*	3	2345	862	142.
1	1535	188	14868.	*	2	1020	413	151.	*	3	0505	638	142.	*	3	2350	863	142.
1	1540	189	14586.	*	2	1025	414	151.	*	3	0510	639	142.	*	3	2355	864	142.
1	1545	190	14325.	*	2	1030	415	150.	*	3	0515	640	142.	*	4	0000	865	142.
1	1550	191	14065.	*	2	1035	416	150.	*	3	0520	641	142.	*	4	0005	866	142.
1	1555	192	13803.	*	2	1040	417	149.	*	3	0525	642	142.	*	4	0010	867	142.
1	1600	193	13528.	*	2	1045	418	149.	*	3	0530	643	142.	*	4	0015	868	142.
1	1605	194	13259.	*	2	1050	419	148.	*	3	0535	644	142.	*	4	0020	869	142.
1	1610	195	12991.	*	2	1055	420	148.	*	3	0540	645	142.	*	4	0025	870	142.
1	1615	196	12725.	*	2	1100	421	148.	*	3	0545	646	142.	*	4	0030	871	142.
1	1620	197	12441.	*	2	1105	422	147.	*	3	0550	647	142.	*	4	0035	872	142.
1	1625	198	12168.	*	2	1110	423	147.	*	3	0555	648	142.	*	4	0040	873	142.
1	1630	199	11884.	*	2	1115	424	146.	*	3	0600	649	142.	*	4	0045	874	142.
1	1635	200	11604.	*	2	1120	425	146.	*	3	0605	650	142.	*	4	0050	875	142.
1	1640	201	11326.	*	2	1125	426	146.	*	3	0610	651	142.	*	4	0055	876	142.
1	1645	202	11050.	*	2	1130	427	145.	*	3	0615	652	142.	*	4	0100	877	142.
1	1650	203	10795.	*	2	1135	428	145.	*	3	0620	653	142.	*	4	0105	878	142.
1	1655	204	10537.	*	2	1140	429	145.	*	3	0625	654	142.	*	4	0110	879	142.
1	1700	205	10277.	*	2	1145	430	144.	*	3	0630	655	142.	*	4	0115	880	142.
1	1705	206	10003.	*	2	1150	431	144.	*	3	0635	656	142.	*	4	0120	881	142.
1	1710	207	9721.	*	2	1155	432	144.	*	3	0640	657	142.	*	4	0125	882	142.
1	1715	208	9443.	*	2	1200	433	144.	*	3	0645	658	142.	*	4	0130	883	142.
1	1720	209	9166.	*	2	1205	434	143.	*	3	0650	659	142.	*	4	0135	884	142.
1	1725	210	8881.	*	2	1210	435	143.	*	3	0655	660	142.	*	4	0140	885	142.
1	1730	211	8588.	*	2	1215	436	143.	*	3	0700	661	142.	*	4	0145	886	142.
1	1735	212	8325.	*	2	1220	437	143.	*	3	0705	662	142.	*	4	0150	887	142.
1	1740	213	8085.	*	2	1225	438	143.	*	3	0710	663	142.	*	4	0155	888	142.
1	1745	214	7833.	*	2	1230	439	143.	*	3	0715	664	142.	*	4	0200	889	142.
1	1750	215	7614.	*	2	1235	440	142.	*	3	0720	665	142.	*	4	0205	890	142.
1	1755	216	7380.	*	2	1240	441	142.	*	3	0725	666	142.	*	4	0210	891	142.
1	1800	217	7135.	*	2	1245	442	142.	*	3	0730	667	142.	*	4	0215	892	142.
1	1805	218	6886.	*	2	1250	443	142.	*	3	0735	668	142.	*	4	0220	893	142.
1	1810	219	6627.	*	2	1255	444	142.	*	3	0740	669	142.	*	4	0225	894	142.
1	1815	220	6378.	*	2	1300	445	142.	*	3	0745	670	142.	*	4	0230	895	142.
1	1820	221	6130.	*	2	1305	446	142.	*	3	0750	671	142.	*	4	0235	896	142.
1	1825	222	5899.	*	2	1310	447	142.	*	3	0755	672	142.	*	4	0240	897	142.
1	1830	223	5674.	*	2	1315	448	142.	*	3	0800	673	142.	*	4	0245	898	142.
1	1835	224	5451.	*	2	1320	449	142.	*	3	0805	674	142.	*	4	0250	899	142.
1	1840	225	5243.	*	2	1325	450	142.	*	3	0810	675	142.	*	4	0255	900	142.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 18897.	14.42		11336.	4487.	1588.	1526.
		(INCHES)	.609	.965	1.024	1.024
		(AC-FT)	5621.	8899.	9447.	9447.

CUMULATIVE AREA = 172.93 SQ MI

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              **************
              *            *
154 KK        *    CBD-I   *
              *            *
              **************

155 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                          Total inflow to Cave Buttes Dam

157 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION CBD-I
SUM OF 2 HYDROGRAPHS

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DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW

1	0000	1	0.	*	1	1845	226	5057.	*	2	1330	451	152.	*	3	0815	676	152.
1	0005	2	0.	*	1	1850	227	4873.	*	2	1335	452	152.	*	3	0820	677	152.
1	0010	3	0.	*	1	1855	228	4715.	*	2	1340	453	152.	*	3	0825	678	152.
1	0015	4	0.	*	1	1900	229	4577.	*	2	1345	454	152.	*	3	0830	679	152.
1	0020	5	0.	*	1	1905	230	4510.	*	2	1350	455	152.	*	3	0835	680	152.
1	0025	6	0.	*	1	1910	231	4446.	*	2	1355	456	152.	*	3	0840	681	152.
1	0030	7	0.	*	1	1915	232	4369.	*	2	1400	457	152.	*	3	0845	682	152.
1	0035	8	1.	*	1	1920	233	4286.	*	2	1405	458	152.	*	3	0850	683	152.
1	0040	9	1.	*	1	1925	234	4154.	*	2	1410	459	152.	*	3	0855	684	152.
1	0045	10	1.	*	1	1930	235	4019.	*	2	1415	460	152.	*	3	0900	685	152.
1	0050	11	1.	*	1	1935	236	3881.	*	2	1420	461	152.	*	3	0905	686	152.
1	0055	12	1.	*	1	1940	237	3742.	*	2	1425	462	152.	*	3	0910	687	152.
1	0100	13	2.	*	1	1945	238	3603.	*	2	1430	463	152.	*	3	0915	688	152.
1	0105	14	2.	*	1	1950	239	3464.	*	2	1435	464	152.	*	3	0920	689	152.
1	0110	15	2.	*	1	1955	240	3331.	*	2	1440	465	152.	*	3	0925	690	152.
1	0115	16	3.	*	1	2000	241	3200.	*	2	1445	466	152.	*	3	0930	691	152.
1	0120	17	3.	*	1	2005	242	3075.	*	2	1450	467	152.	*	3	0935	692	152.
1	0125	18	4.	*	1	2010	243	2954.	*	2	1455	468	152.	*	3	0940	693	152.
1	0130	19	4.	*	1	2015	244	2841.	*	2	1500	469	152.	*	3	0945	694	152.
1	0135	20	4.	*	1	2020	245	2733.	*	2	1505	470	152.	*	3	0950	695	152.
1	0140	21	5.	*	1	2025	246	2634.	*	2	1510	471	152.	*	3	0955	696	152.
1	0145	22	5.	*	1	2030	247	2544.	*	2	1515	472	152.	*	3	1000	697	152.
1	0150	23	5.	*	1	2035	248	2460.	*	2	1520	473	152.	*	3	1005	698	152.
1	0155	24	5.	*	1	2040	249	2379.	*	2	1525	474	152.	*	3	1010	699	152.
1	0200	25	6.	*	1	2045	250	2302.	*	2	1530	475	152.	*	3	1015	700	152.
1	0205	26	6.	*	1	2050	251	2225.	*	2	1535	476	152.	*	3	1020	701	152.
1	0210	27	6.	*	1	2055	252	2150.	*	2	1540	477	152.	*	3	1025	702	152.
1	0215	28	6.	*	1	2100	253	2073.	*	2	1545	478	152.	*	3	1030	703	152.
1	0220	29	6.	*	1	2105	254	1995.	*	2	1550	479	152.	*	3	1035	704	152.
1	0225	30	6.	*	1	2110	255	1913.	*	2	1555	480	152.	*	3	1040	705	152.
1	0230	31	7.	*	1	2115	256	1822.	*	2	1600	481	152.	*	3	1045	706	152.
1	0235	32	7.	*	1	2120	257	1714.	*	2	1605	482	152.	*	3	1050	707	152.
1	0240	33	7.	*	1	2125	258	1582.	*	2	1610	483	152.	*	3	1055	708	152.
1	0245	34	7.	*	1	2130	259	1430.	*	2	1615	484	152.	*	3	1100	709	152.
1	0250	35	7.	*	1	2135	260	1306.	*	2	1620	485	152.	*	3	1105	710	152.
1	0255	36	7.	*	1	2140	261	1223.	*	2	1625	486	152.	*	3	1110	711	152.
1	0300	37	7.	*	1	2145	262	1168.	*	2	1630	487	152.	*	3	1115	712	152.
1	0305	38	8.	*	1	2150	263	1126.	*	2	1635	488	152.	*	3	1120	713	152.
1	0310	39	8.	*	1	2155	264	1091.	*	2	1640	489	152.	*	3	1125	714	152.
1	0315	40	8.	*	1	2200	265	1060.	*	2	1645	490	152.	*	3	1130	715	152.
1	0320	41	8.	*	1	2205	266	1033.	*	2	1650	491	152.	*	3	1135	716	152.
1	0325	42	8.	*	1	2210	267	1007.	*	2	1655	492	152.	*	3	1140	717	152.
1	0330	43	8.	*	1	2215	268	983.	*	2	1700	493	152.	*	3	1145	718	152.
1	0335	44	8.	*	1	2220	269	960.	*	2	1705	494	152.	*	3	1150	719	152.
1	0340	45	8.	*	1	2225	270	938.	*	2	1710	495	152.	*	3	1155	720	152.
1	0345	46	8.	*	1	2230	271	915.	*	2	1715	496	152.	*	3	1200	721	152.
1	0350	47	8.	*	1	2235	272	894.	*	2	1720	497	152.	*	3	1205	722	152.
1	0355	48	9.	*	1	2240	273	871.	*	2	1725	498	152.	*	3	1210	723	152.
1	0400	49	10.	*	1	2245	274	849.	*	2	1730	499	152.	*	3	1215	724	152.
1	0405	50	10.	*	1	2250	275	827.	*	2	1735	500	152.	*	3	1220	725	152.
1	0410	51	10.	*	1	2255	276	805.	*	2	1740	501	152.	*	3	1225	726	152.
1	0415	52	10.	*	1	2300	277	784.	*	2	1745	502	152.	*	3	1230	727	152.
1	0420	53	10.	*	1	2305	278	764.	*	2	1750	503	152.	*	3	1235	728	152.
1	0425	54	10.	*	1	2310	279	744.	*	2	1755	504	152.	*	3	1240	729	152.
1	0430	55	10.	*	1	2315	280	727.	*	2	1800	505	152.	*	3	1245	730	152.
1	0435	56	10.	*	1	2320	281	709.	*	2	1805	506	152.	*	3	1250	731	152.
1	0440	57	11.	*	1	2325	282	692.	*	2	1810	507	152.	*	3	1255	732	152.
1	0445	58	11.	*	1	2330	283	675.	*	2	1815	508	152.	*	3	1300	733	152.
1	0450	59	11.	*	1	2335	284	658.	*	2	1820	509	152.	*	3	1305	734	152.
1	0455	60	12.	*	1	2340	285	639.	*	2	1825	510	152.	*	3	1310	735	152.
1	0500	61	12.	*	1	2345	286	623.	*	2	1830	511	152.	*	3	1315	736	152.
1	0505	62	13.	*	1	2350	287	606.	*	2	1835	512	152.	*	3	1320	737	152.
1	0510	63	13.	*	1	2355	288	590.	*	2	1840	513	152.	*	3	1325	738	152.
1	0515	64	13.	*	2	0000	289	574.	*	2	1845	514	152.	*	3	1330	739	152.
1	0520	65	13.	*	2	0005	290	564.	*	2	1850	515	152.	*	3	1335	740	152.
1	0525	66	14.	*	2	0010	291	554.	*	2	1855	516	152.	*	3	1340	741	152.
1	0530	67	14.	*	2	0015	292	544.	*	2	1900	517	152.	*	3	1345	742	152.
1	0535	68	127.	*	2	0020	293	535.	*	2	1905	518	152.	*	3	1350	743	152.
1	0540	69	240.	*	2	0025	294	526.	*	2	1910	519	152.	*	3	1355	744	152.
1	0545	70	628.	*	2	0030	295	518.	*	2	1915	520	152.	*	3	1400	745	152.
1	0550	71	1015.	*	2	0035	296	510.	*	2	1920	521	152.	*	3	1405	746	152.
1	0555	72	1601.	*	2	0040	297	502.	*	2	1925	522	152.	*	3	1410	747	152.
1	0600	73	2185.	*	2	0045	298	495.	*	2	1930	523	152.	*	3	1415	748	152.
1	0605	74	2499.	*	2	0050	299	488.	*	2	1935	524	152.	*	3	1420	749	152.
1	0610	75	2813.	*	2	0055	300	481.	*	2	1940	525	152.	*	3	1425	750	152.
1	0615	76	2658.	*	2	0100	301	475.	*	2	1945	526	152.	*	3	1430	751	152.
1	0620	77	2504.	*	2	0105	302	469.	*	2	1950	527	152.	*	3	1435	752	152.
1	0625	78	2282.	*	2	0110	303	464.	*	2	1955	528	152.	*	3	1440	753	152.
1	0630	79	2058.	*	2	0115	304	460.	*	2	2000	529	152.	*	3	1445	754	152.
1	0635	80	1885.	*	2	0120	305	455.	*	2	2005	530	152.	*	3	1450	755	152.
1	0640	81	1711.	*	2	0125	306	451.	*	2	2010	531	152.	*	3	1455	756	152.
1	0645	82	1523.	*	2	0130	307	447.	*	2	2015	532	152.	*	3	1500	757	152.
1	0650	83	1334.	*	2	0135	308	443.	*	2	2020	533	152.	*	3	1505	758	152.
1	0655	84	1334.	*	2	0140	309	439.	*	2	2025	534	152.	*	3	1510	759	152.
1	0700	85	1332.	*	2	0145	310	435.	*	2	2030	535	152.	*	3	1515	760	152.
1	0705	86	1312.	*	2	0150	311	432.	*	2	2035	536	152.	*	3	1520	761	152.
1	0710	87	1292.	*	2	0155	312	428.	*	2	2040	537	152.	*	3	1525	762	152.
1	0715	88	1245.	*	2	0200	313	425.	*	2	2045	538	152.	*	3	1530	763	152.
1	0720	89	1198.	*	2	0205	314	421.	*	2	2050	539	152.	*	3	1535	764	152.
1	0725	90	3373.	*	2	0210	315	418.	*	2	2055	540	152.	*	3	1540	765	152.
1	0730	91	5549.	*	2	0215	316	414.	*	2	2100	541	152.	*	3	1545	766	152.
1	0735	92	6610.	*	2	0220	317	409.	*	2	2105	542	152.	*	3	1550	767	152.
1	0740	93	7669.	*	2	0225	318	404.	*	2	2110	543	152.	*	3	1555	768	152.
1	0745	94	8598.	*	2	0230	319	399.	*	2	2115	544	152.	*	3	1600	769	152.
1	0750	95	9526.	*	2	0235	320	394.	*	2	2120	545	152.	*	3	1605	770	152.
1	0755	96	9516.	*	2	0240	321	389.	*	2	2125	546	152.	*	3	1610	771	152.
1	0800	97	9508.	*	2	0245	322	384.	*	2	2130	547	152.	*	3	1615	772	152.
1	0805	98	9185.	*	2	0250	323	379.	*	2	2135	548	152.	*	3	1620	773	152.
1	0810	99	8861.	*	2	0255	324	374.	*	2	2140	549	152.	*	3	1625	774	152.
1	0815	100	8493.	*	2	0300	325	369.	*	2	2145	550	152.	*	3	1630	775	152.
1	0820	101	8124.	*	2	0305	326	364.	*	2	2150	551	152.	*	3	1635	776	152.
1	0825	102	8069.	*	2	0310	327	358.	*	2	2155	552	152.	*	3	1640	777	152.
1	0830	103	8014.	*	2	0315	328	353.	*	2	2200	553	152.	*	3	1645	778	152.
1	0835	104	8353.	*	2	0320	329	348.	*	2	2205	554	152.	*	3	1650	779	152.
1	0840	105	8692.	*	2	0325	330	342.	*	2	2210	555	152.	*	3	1655	780	152.
1	0845	106	8451.	*	2	0330	331	337.	*	2	2215	556	152.	*	3	1700	781	152.

1	0850	107	8211.	*	2	0335	332	332.	*	2	2220	557	152.	*	3	1705	782	152.
1	0855	108	7756.	*	2	0340	333	326.	*	2	2225	558	152.	*	3	1710	783	152.
1	0900	109	7300.	*	2	0345	334	321.	*	2	2230	559	152.	*	3	1715	784	152.
1	0905	110	6873.	*	2	0350	335	315.	*	2	2235	560	152.	*	3	1720	785	152.
1	0910	111	6446.	*	2	0355	336	310.	*	2	2240	561	152.	*	3	1725	786	152.
1	0915	112	6074.	*	2	0400	337	304.	*	2	2245	562	152.	*	3	1730	787	152.
1	0920	113	5702.	*	2	0405	338	299.	*	2	2250	563	152.	*	3	1735	788	152.
1	0925	114	5384.	*	2	0410	339	293.	*	2	2255	564	152.	*	3	1740	789	152.
1	0930	115	5064.	*	2	0415	340	288.	*	2	2300	565	152.	*	3	1745	790	152.
1	0935	116	4791.	*	2	0420	341	282.	*	2	2305	566	152.	*	3	1750	791	152.
1	0940	117	4518.	*	2	0425	342	277.	*	2	2310	567	152.	*	3	1755	792	152.
1	0945	118	4284.	*	2	0430	343	272.	*	2	2315	568	152.	*	3	1800	793	152.
1	0950	119	4049.	*	2	0435	344	268.	*	2	2320	569	152.	*	3	1805	794	152.
1	0955	120	3848.	*	2	0440	345	264.	*	2	2325	570	152.	*	3	1810	795	152.
1	1000	121	3645.	*	2	0445	346	261.	*	2	2330	571	152.	*	3	1815	796	152.
1	1005	122	3470.	*	2	0450	347	258.	*	2	2335	572	152.	*	3	1820	797	152.
1	1010	123	3296.	*	2	0455	348	255.	*	2	2340	573	152.	*	3	1825	798	152.
1	1015	124	3142.	*	2	0500	349	252.	*	2	2345	574	152.	*	3	1830	799	152.
1	1020	125	2988.	*	2	0505	350	250.	*	2	2350	575	152.	*	3	1835	800	152.
1	1025	126	2857.	*	2	0510	351	247.	*	2	2355	576	152.	*	3	1840	801	152.
1	1030	127	2724.	*	2	0515	352	244.	*	3	0000	577	152.	*	3	1845	802	152.
1	1035	128	2615.	*	2	0520	353	241.	*	3	0005	578	152.	*	3	1850	803	152.
1	1040	129	2506.	*	2	0525	354	238.	*	3	0010	579	152.	*	3	1855	804	152.
1	1045	130	2416.	*	2	0530	355	235.	*	3	0015	580	152.	*	3	1900	805	152.
1	1050	131	2326.	*	2	0535	356	232.	*	3	0020	581	152.	*	3	1905	806	152.
1	1055	132	2251.	*	2	0540	357	229.	*	3	0025	582	152.	*	3	1910	807	152.
1	1100	133	2176.	*	2	0545	358	226.	*	3	0030	583	152.	*	3	1915	808	152.
1	1105	134	2110.	*	2	0550	359	224.	*	3	0035	584	152.	*	3	1920	809	152.
1	1110	135	2044.	*	2	0555	360	222.	*	3	0040	585	152.	*	3	1925	810	152.
1	1115	136	1986.	*	2	0600	361	220.	*	3	0045	586	152.	*	3	1930	811	152.
1	1120	137	1929.	*	2	0605	362	218.	*	3	0050	587	152.	*	3	1935	812	152.
1	1125	138	1881.	*	2	0610	363	216.	*	3	0055	588	152.	*	3	1940	813	152.
1	1130	139	1833.	*	2	0615	364	215.	*	3	0100	589	152.	*	3	1945	814	152.
1	1135	140	1824.	*	2	0620	365	213.	*	3	0105	590	152.	*	3	1950	815	152.
1	1140	141	1820.	*	2	0625	366	212.	*	3	0110	591	152.	*	3	1955	816	152.
1	1145	142	1829.	*	2	0630	367	210.	*	3	0115	592	152.	*	3	2000	817	152.
1	1150	143	1861.	*	2	0635	368	209.	*	3	0120	593	152.	*	3	2005	818	152.
1	1155	144	1955.	*	2	0640	369	207.	*	3	0125	594	152.	*	3	2010	819	152.
1	1200	145	2095.	*	2	0645	370	206.	*	3	0130	595	152.	*	3	2015	820	152.
1	1205	146	2254.	*	2	0650	371	204.	*	3	0135	596	152.	*	3	2020	821	152.
1	1210	147	2490.	*	2	0655	372	203.	*	3	0140	597	152.	*	3	2025	822	152.
1	1215	148	2802.	*	2	0700	373	201.	*	3	0145	598	152.	*	3	2030	823	152.
1	1220	149	3177.	*	2	0705	374	200.	*	3	0150	599	152.	*	3	2035	824	152.
1	1225	150	3608.	*	2	0710	375	198.	*	3	0155	600	152.	*	3	2040	825	152.
1	1230	151	4086.	*	2	0715	376	197.	*	3	0200	601	152.	*	3	2045	826	152.
1	1235	152	4566.	*	2	0720	377	195.	*	3	0205	602	152.	*	3	2050	827	152.
1	1240	153	5006.	*	2	0725	378	194.	*	3	0210	603	152.	*	3	2055	828	152.
1	1245	154	5305.	*	2	0730	379	192.	*	3	0215	604	152.	*	3	2100	829	152.
1	1250	155	5494.	*	2	0735	380	191.	*	3	0220	605	152.	*	3	2105	830	152.
1	1255	156	5631.	*	2	0740	381	190.	*	3	0225	606	152.	*	3	2110	831	152.
1	1300	157	5769.	*	2	0745	382	189.	*	3	0230	607	152.	*	3	2115	832	152.
1	1305	158	5940.	*	2	0750	383	188.	*	3	0235	608	152.	*	3	2120	833	152.
1	1310	159	6137.	*	2	0755	384	186.	*	3	0240	609	152.	*	3	2125	834	152.
1	1315	160	6415.	*	2	0800	385	185.	*	3	0245	610	152.	*	3	2130	835	152.
1	1320	161	6805.	*	2	0805	386	183.	*	3	0250	611	152.	*	3	2135	836	152.
1	1325	162	7420.	*	2	0810	387	182.	*	3	0255	612	152.	*	3	2140	837	152.
1	1330	163	8410.	*	2	0815	388	180.	*	3	0300	613	152.	*	3	2145	838	152.
1	1335	164	9817.	*	2	0820	389	179.	*	3	0305	614	152.	*	3	2150	839	152.
1	1340	165	11428.	*	2	0825	390	177.	*	3	0310	615	152.	*	3	2155	840	152.
1	1345	166	13017.	*	2	0830	391	176.	*	3	0315	616	152.	*	3	2200	841	152.
1	1350	167	14598.	*	2	0835	392	175.	*	3	0320	617	152.	*	3	2205	842	152.
1	1355	168	16121.	*	2	0840	393	173.	*	3	0325	618	152.	*	3	2210	843	152.
1	1400	169	17432.	*	2	0845	394	172.	*	3	0330	619	152.	*	3	2215	844	152.
1	1405	170	18371.	*	2	0850	395	171.	*	3	0335	620	152.	*	3	2220	845	152.
1	1410	171	18993.	*	2	0855	396	170.	*	3	0340	621	152.	*	3	2225	846	152.
1	1415	172	19336.	*	2	0900	397	169.	*	3	0345	622	152.	*	3	2230	847	152.
1	1420	173	19478.	*	2	0905	398	169.	*	3	0350	623	152.	*	3	2235	848	152.
1	1425	174	19461.	*	2	0910	399	168.	*	3	0355	624	152.	*	3	2240	849	152.
1	1430	175	19317.	*	2	0915	400	167.	*	3	0400	625	152.	*	3	2245	850	152.
1	1435	176	19098.	*	2	0920	401	167.	*	3	0405	626	152.	*	3	2250	851	152.
1	1440	177	18782.	*	2	0925	402	166.	*	3	0410	627	152.	*	3	2255	852	152.
1	1445	178	18479.	*	2	0930	403	166.	*	3	0415	628	152.	*	3	2300	853	152.
1	1450	179	18175.	*	2	0935	404	166.	*	3	0420	629	152.	*	3	2305	854	152.
1	1455	180	17859.	*	2	0940	405	165.	*	3	0425	630	152.	*	3	2310	855	152.
1	1500	181	17533.	*	2	0945	406	165.	*	3	0430	631	152.	*	3	2315	856	152.
1	1505	182	17159.	*	2	0950	407	164.	*	3	0435	632	152.	*	3	2320	857	152.
1	1510	183	16811.	*	2	0955	408	164.	*	3	0440	633	152.	*	3	2325	858	152.
1	1515	184	16417.	*	2	1000	409	163.	*	3	0445	634	152.	*	3	2330	859	152.
1	1520	185	16035.	*	2	1005	410	163.	*	3	0450	635	152.	*	3	2335	860	152.
1	1525	186	15668.	*	2	1010	411	162.	*	3	0455	636	152.	*	3	2340	861	152.
1	1530	187	15326.	*	2	1015	412	162.	*	3	0500	637	152.	*	3	2345	862	152.
1	1535	188	15012.	*	2	1020	413	161.	*	3	0505	638	152.	*	3	2350	863	152.
1	1540	189	14710.	*	2	1025	414	161.	*	3	0510	639	152.	*	3	2355	864	152.
1	1545	190	14430.	*	2	1030	415	160.	*	3	0515	640	152.	*	4	0000	865	152.
1	1550	191	14150.	*	2	1035	416	160.	*	3	0520	641	152.	*	4	0005	866	152.
1	1555	192	13885.	*	2	1040	417	159.	*	3	0525	642	152.	*	4	0010	867	152.
1	1600	193	13609.	*	2	1045	418	159.	*	3	0530	643	152.	*	4	0015	868	152.
1	1605	194	13339.	*	2	1050	419	158.	*	3	0535	644	152.	*	4	0020	869	152.
1	1610	195	13070.	*	2	1055	420	158.	*	3	0540	645	152.	*	4	0025	870	152.
1	1615	196	12804.	*	2	1100	421	158.	*	3	0545	646	152.	*	4	0030	871	152.
1	1620	197	12519.	*	2	1105	422	157.	*	3	0550	647	152.	*	4	0035	872	152.
1	1625	198	12245.	*	2	1110	423	157.	*	3	0555	648	152.	*	4	0040	873	152.
1	1630	199	11960.	*	2	1115	424	156.	*	3	0600	649	152.	*	4	0045	874	152.
1	1635	200	11679.	*	2	1120	425	156.	*	3	0605	650	152.	*	4	0050	875	152.
1	1640	201	11393.	*	2	1125	426	156.	*	3	0610	651	152.	*	4	0055	876	152.
1	1645	202	11108.	*	2	1130	427	155.	*	3	0615	652	152.	*	4	0100	877	152.
1	1650	203	10845.	*	2	1135	428	155.	*	3	0620	653	152.	*	4	0105	878	152.
1	1655	204	10576.	*	2	1140	429	155.	*	3	0625	654	152.	*	4	0110	879	152.
1	1700	205	10306.	*	2	1145	430	154.	*	3	0630	655	152.	*	4	0115	880	152.
1	1705	206	10021.	*	2	1150	431	154.	*	3	0635	656	152.	*	4	0120	881	152.
1	1710	207	9738.	*	2	1155	432	154.	*	3	0640	657	152.	*	4	0125	882	152.
1	1715	208	9460.	*	2	1200	433	154.	*	3	0645	658	152.	*	4	0130	883	152.
1	1720	209	9182.	*	2	1205	434	153.	*	3	0650	659	152.	*	4	0135	884	152.
1	1725	210	8897.	*	2	1210	435	153.	*	3	0655	660	152.	*	4	0140	885	152.
1	1730	211	8604.	*	2	1215	436	153.	*	3	0700	661	152.	*	4	0145	886	152.
1	1735	212	8340.	*	2	1220	437	153.	*	3	0705	662	152.	*	4	0150	887	152.

1	1740	213	8100.	*	2	1225	438	153.	*	3	0710	663	152.	*	4	0155	888	152.
1	1745	214	7848.	*	2	1230	439	153.	*	3	0715	664	152.	*	4	0200	889	152.
1	1750	215	7629.	*	2	1235	440	152.	*	3	0720	665	152.	*	4	0205	890	152.
1	1755	216	7394.	*	2	1240	441	152.	*	3	0725	666	152.	*	4	0210	891	152.
1	1800	217	7149.	*	2	1245	442	152.	*	3	0730	667	152.	*	4	0215	892	152.
1	1805	218	6900.	*	2	1250	443	152.	*	3	0735	668	152.	*	4	0220	893	152.
1	1810	219	6641.	*	2	1255	444	152.	*	3	0740	669	152.	*	4	0225	894	152.
1	1815	220	6391.	*	2	1300	445	152.	*	3	0745	670	152.	*	4	0230	895	152.
1	1820	221	6143.	*	2	1305	446	152.	*	3	0750	671	152.	*	4	0235	896	152.
1	1825	222	5912.	*	2	1310	447	152.	*	3	0755	672	152.	*	4	0240	897	152.
1	1830	223	5687.	*	2	1315	448	152.	*	3	0800	673	152.	*	4	0245	898	152.
1	1835	224	5464.	*	2	1320	449	152.	*	3	0805	674	152.	*	4	0250	899	152.
1	1840	225	5255.	*	2	1325	450	152.	*	3	0810	675	152.	*	4	0255	900	152.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+			(CFS)			
+ 19478.	14.33		11754.	4665.	1654.	1590.
		(INCHES)	.576	.914	.972	.972
		(AC-FT)	5828.	9254.	9841.	9841.

CUMULATIVE AREA = 189.89 SQ MI

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            *            *
158 KK      *     CBD-O  *
            *            *
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159 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

              HYDROGRAPH ROUTING DATA

160 RS          STORAGE ROUTING
                     NSTPS          1  NUMBER OF SUBREACHES
                      ITYP       FLOW  TYPE OF INITIAL CONDITION
                    RSVRIC      -1.00  INITIAL CONDITION
                         X        .00 WORKING R AND D COEFFICIENT

161 SV            STORAGE         .0     250.0     700.0    1100.0    1800.0    2600.0    4000.0    6300.0    9400.0   13000.0
                            17500.0   23000.0   29200.0   37000.0   46000.0

163 SE          ELEVATION    1560.70   1595.00   1600.00   1605.00   1610.00   1615.00   1620.00   1625.00   1630.00   1635.00
                             1640.00   1645.00   1650.00   1655.00   1660.00

165 SQ          DISCHARGE         0.      132.      215.      243.      268.      290.      311.      330.      347.      365.
                                381.      398.      413.      428.      442.      455.      468.      481.      493.

167 SE          ELEVATION    1560.70   1570.00   1580.00   1585.00   1590.00   1595.00   1600.00   1605.00   1610.00   1615.00
                             1620.00   1625.00   1630.00   1635.00   1640.00   1645.00   1650.00   1655.00   1660.00
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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	67.78	140.67	177.11	213.56	250.00	700.00	1100.00	1800.00	2600.00
OUTFLOW	.00	132.00	215.00	243.00	268.00	290.00	311.00	330.00	347.00	365.00
ELEVATION	1560.70	1570.00	1580.00	1585.00	1590.00	1595.00	1600.00	1605.00	1610.00	1615.00
STORAGE	4000.00	6300.00	9400.00	13000.00	17500.00	23000.00	29200.00	37000.00	46000.00	
OUTFLOW	381.00	398.00	413.00	428.00	442.00	455.00	468.00	481.00	493.00	
ELEVATION	1620.00	1625.00	1630.00	1635.00	1640.00	1645.00	1650.00	1655.00	1660.00	

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HYDROGRAPH AT STATION CBD-O

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1560.7	*	2		0100	301	409.	8547.6	1628.6	*	3		0200	601	407.	8108.2	1627.9
1		0005	2	0.	.0	1560.7	*	2		0105	302	409.	8548.0	1628.6	*	3		0205	602	407.	8106.4	1627.9
1		0010	3	0.	.0	1560.7	*	2		0110	303	409.	8548.4	1628.6	*	3		0210	603	407.	8104.7	1627.9
1		0015	4	0.	.0	1560.7	*	2		0115	304	409.	8548.8	1628.6	*	3		0215	604	407.	8102.9	1627.9
1		0020	5	0.	.0	1560.7	*	2		0120	305	409.	8549.1	1628.6	*	3		0220	605	407.	8101.1	1627.9
1		0025	6	0.	.0	1560.7	*	2		0125	306	409.	8549.4	1628.6	*	3		0225	606	407.	8099.4	1627.9
1		0030	7	0.	.0	1560.7	*	2		0130	307	409.	8549.7	1628.6	*	3		0230	607	407.	8097.6	1627.9
1		0035	8	0.	.0	1560.7	*	2		0135	308	409.	8549.9	1628.6	*	3		0235	608	407.	8095.9	1627.9
1		0040	9	0.	.0	1560.7	*	2		0140	309	409.	8550.2	1628.6	*	3		0240	609	407.	8094.1	1627.9
1		0045	10	0.	.0	1560.7	*	2		0145	310	409.	8550.4	1628.6	*	3		0245	610	407.	8092.4	1627.9
1		0050	11	0.	.0	1560.7	*	2		0150	311	409.	8550.5	1628.6	*	3		0250	611	407.	8090.6	1627.9
1		0055	12	0.	.0	1560.7	*	2		0155	312	409.	8550.7	1628.6	*	3		0255	612	407.	8088.9	1627.9
1		0100	13	0.	.0	1560.7	*	2		0200	313	409.	8550.8	1628.6	*	3		0300	613	407.	8087.1	1627.9
1		0105	14	0.	.1	1560.7	*	2		0205	314	409.	8550.9	1628.6	*	3		0305	614	407.	8085.4	1627.9
1		0110	15	0.	.1	1560.7	*	2		0210	315	409.	8551.0	1628.6	*	3		0310	615	407.	8083.6	1627.9
1		0115	16	0.	.1	1560.7	*	2		0215	316	409.	8551.0	1628.6	*	3		0315	616	407.	8081.9	1627.9
1		0120	17	0.	.1	1560.7	*	2		0220	317	409.	8551.0	1628.6	*	3		0320	617	407.	8080.1	1627.9
1		0125	18	0.	.1	1560.7	*	2		0225	318	409.	8551.0	1628.6	*	3		0325	618	407.	8078.3	1627.9
1		0130	19	0.	.2	1560.7	*	2		0230	319	409.	8551.0	1628.6	*	3		0330	619	407.	8076.6	1627.9
1		0135	20	0.	.2	1560.7	*	2		0235	320	409.	8550.9	1628.6	*	3		0335	620	407.	8074.8	1627.9
1		0140	21	0.	.2	1560.7	*	2		0240	321	409.	8550.8	1628.6	*	3		0340	621	407.	8073.1	1627.9
1		0145	22	0.	.2	1560.7	*	2		0245	322	409.	8550.6	1628.6	*	3		0345	622	407.	8071.3	1627.9
1		0150	23	1.	.3	1560.7	*	2		0250	323	409.	8550.4	1628.6	*	3		0350	623	407.	8069.6	1627.9

1	0155	24	1.	.3	1560.7	*	2	0255	324	409.	8550.2	1628.6	*	3	0355	624	407.	8067.8	1627.9
1	0200	25	1.	.3	1560.7	*	2	0300	325	409.	8549.9	1628.6	*	3	0400	625	407.	8066.1	1627.8
1	0205	26	1.	.4	1560.8	*	2	0305	326	409.	8549.6	1628.6	*	3	0405	626	407.	8064.3	1627.8
1	0210	27	1.	.4	1560.8	*	2	0310	327	409.	8549.3	1628.6	*	3	0410	627	407.	8062.6	1627.8
1	0215	28	1.	.4	1560.8	*	2	0315	328	409.	8548.9	1628.6	*	3	0415	628	407.	8060.8	1627.8
1	0220	29	1.	.5	1560.8	*	2	0320	329	409.	8548.5	1628.6	*	3	0420	629	407.	8059.1	1627.8
1	0225	30	1.	.5	1560.8	*	2	0325	330	409.	8548.1	1628.6	*	3	0425	630	407.	8057.3	1627.8
1	0230	31	1.	.5	1560.8	*	2	0330	331	409.	8547.6	1628.6	*	3	0430	631	406.	8055.6	1627.8
1	0235	32	1.	.6	1560.8	*	2	0335	332	409.	8547.1	1628.6	*	3	0435	632	406.	8053.8	1627.8
1	0240	33	1.	.6	1560.8	*	2	0340	333	409.	8546.6	1628.6	*	3	0440	633	406.	8052.1	1627.8
1	0245	34	1.	.7	1560.8	*	2	0345	334	409.	8546.0	1628.6	*	3	0445	634	406.	8050.3	1627.8
1	0250	35	1.	.7	1560.8	*	2	0350	335	409.	8545.3	1628.6	*	3	0450	635	406.	8048.5	1627.8
1	0255	36	1.	.7	1560.8	*	2	0355	336	409.	8544.7	1628.6	*	3	0455	636	406.	8046.8	1627.8
1	0300	37	2.	.8	1560.8	*	2	0400	337	409.	8544.0	1628.6	*	3	0500	637	406.	8045.0	1627.8
1	0305	38	2.	.8	1560.8	*	2	0405	338	409.	8543.2	1628.6	*	3	0505	638	406.	8043.3	1627.8
1	0310	39	2.	.9	1560.8	*	2	0410	339	409.	8542.5	1628.6	*	3	0510	639	406.	8041.5	1627.8
1	0315	40	2.	.9	1560.8	*	2	0415	340	409.	8541.6	1628.6	*	3	0515	640	406.	8039.8	1627.8
1	0320	41	2.	1.0	1560.8	*	2	0420	341	409.	8540.8	1628.6	*	3	0520	641	406.	8038.0	1627.8
1	0325	42	2.	1.0	1560.8	*	2	0425	342	409.	8539.9	1628.6	*	3	0525	642	406.	8036.3	1627.8
1	0330	43	2.	1.0	1560.8	*	2	0430	343	409.	8539.0	1628.6	*	3	0530	643	406.	8034.5	1627.8
1	0335	44	2.	1.1	1560.8	*	2	0435	344	409.	8538.0	1628.6	*	3	0535	644	406.	8032.8	1627.8
1	0340	45	2.	1.1	1560.9	*	2	0440	345	409.	8537.0	1628.6	*	3	0540	645	406.	8031.0	1627.8
1	0345	46	2.	1.2	1560.9	*	2	0445	346	409.	8536.0	1628.6	*	3	0545	646	406.	8029.3	1627.8
1	0350	47	2.	1.2	1560.9	*	2	0450	347	409.	8535.0	1628.6	*	3	0550	647	406.	8027.5	1627.8
1	0355	48	2.	1.2	1560.9	*	2	0455	348	409.	8534.0	1628.6	*	3	0555	648	406.	8025.8	1627.8
1	0400	49	3.	1.3	1560.9	*	2	0500	349	409.	8532.9	1628.6	*	3	0600	649	406.	8024.0	1627.8
1	0405	50	3.	1.3	1560.9	*	2	0505	350	409.	8531.8	1628.6	*	3	0605	650	406.	8022.3	1627.8
1	0410	51	3.	1.4	1560.9	*	2	0510	351	409.	8530.7	1628.6	*	3	0610	651	406.	8020.5	1627.8
1	0415	52	3.	1.4	1560.9	*	2	0515	352	409.	8529.6	1628.6	*	3	0615	652	406.	8018.8	1627.8
1	0420	53	3.	1.5	1560.9	*	2	0520	353	409.	8528.4	1628.6	*	3	0620	653	406.	8017.0	1627.8
1	0425	54	3.	1.5	1560.9	*	2	0525	354	409.	8527.3	1628.6	*	3	0625	654	406.	8015.3	1627.8
1	0430	55	3.	1.6	1560.9	*	2	0530	355	409.	8526.1	1628.6	*	3	0630	655	406.	8013.5	1627.8
1	0435	56	3.	1.6	1560.9	*	2	0535	356	409.	8524.9	1628.6	*	3	0635	656	406.	8011.8	1627.8
1	0440	57	3.	1.7	1560.9	*	2	0540	357	409.	8523.6	1628.6	*	3	0640	657	406.	8010.0	1627.8
1	0445	58	3.	1.7	1560.9	*	2	0545	358	409.	8522.4	1628.6	*	3	0645	658	406.	8008.3	1627.8
1	0450	59	3.	1.8	1560.9	*	2	0550	359	409.	8521.1	1628.6	*	3	0650	659	406.	8006.5	1627.8
1	0455	60	4.	1.8	1561.0	*	2	0555	360	409.	8519.8	1628.6	*	3	0655	660	406.	8004.8	1627.7
1	0500	61	4.	1.9	1561.0	*	2	0600	361	409.	8518.6	1628.6	*	3	0700	661	406.	8003.0	1627.7
1	0505	62	4.	2.0	1561.0	*	2	0605	362	409.	8517.2	1628.6	*	3	0705	662	406.	8001.3	1627.7
1	0510	63	4.	2.0	1561.0	*	2	0610	363	409.	8515.9	1628.6	*	3	0710	663	406.	7999.5	1627.7
1	0515	64	4.	2.1	1561.0	*	2	0615	364	409.	8514.6	1628.6	*	3	0715	664	406.	7997.8	1627.7
1	0520	65	4.	2.1	1561.0	*	2	0620	365	409.	8513.3	1628.6	*	3	0720	665	406.	7996.0	1627.7
1	0525	66	4.	2.2	1561.0	*	2	0625	366	409.	8511.9	1628.6	*	3	0725	666	406.	7994.2	1627.7
1	0530	67	4.	2.3	1561.0	*	2	0630	367	409.	8510.5	1628.6	*	3	0730	667	406.	7992.5	1627.7
1	0535	68	5.	2.7	1561.1	*	2	0635	368	409.	8509.2	1628.6	*	3	0735	668	406.	7990.7	1627.7
1	0540	69	8.	3.9	1561.2	*	2	0640	369	409.	8507.8	1628.6	*	3	0740	669	406.	7989.0	1627.7
1	0545	70	13.	6.9	1561.6	*	2	0645	370	409.	8506.4	1628.6	*	3	0745	670	406.	7987.2	1627.7
1	0550	71	24.	12.4	1562.4	*	2	0650	371	409.	8505.0	1628.6	*	3	0750	671	406.	7985.5	1627.7
1	0555	72	41.	21.2	1563.6	*	2	0655	372	409.	8503.6	1628.6	*	3	0755	672	406.	7983.7	1627.7
1	0600	73	66.	33.8	1565.3	*	2	0700	373	409.	8502.2	1628.6	*	3	0800	673	406.	7982.0	1627.7
1	0605	74	96.	49.4	1567.5	*	2	0705	374	409.	8500.7	1628.5	*	3	0805	674	406.	7980.2	1627.7
1	0610	75	130.	66.9	1569.9	*	2	0710	375	409.	8499.3	1628.5	*	3	0810	675	406.	7978.5	1627.7
1	0615	76	151.	84.8	1572.3	*	2	0715	376	409.	8497.8	1628.5	*	3	0815	676	406.	7976.7	1627.7
1	0620	77	170.	101.5	1574.6	*	2	0720	377	409.	8496.4	1628.5	*	3	0820	677	406.	7975.0	1627.7
1	0625	78	188.	116.7	1576.7	*	2	0725	378	409.	8494.9	1628.5	*	3	0825	678	406.	7973.2	1627.7
1	0630	79	203.	130.3	1578.6	*	2	0730	379	409.	8493.4	1628.5	*	3	0830	679	406.	7971.5	1627.7
1	0635	80	216.	142.4	1580.2	*	2	0735	380	409.	8491.9	1628.5	*	3	0835	680	406.	7969.7	1627.7
1	0640	81	225.	153.3	1581.7	*	2	0740	381	409.	8490.4	1628.5	*	3	0840	681	406.	7968.0	1627.7
1	0645	82	232.	162.9	1583.0	*	2	0745	382	409.	8488.9	1628.5	*	3	0845	682	406.	7966.2	1627.7
1	0650	83	238.	171.1	1584.2	*	2	0750	383	409.	8487.4	1628.5	*	3	0850	683	406.	7964.5	1627.7
1	0655	84	244.	178.6	1585.2	*	2	0755	384	409.	8485.8	1628.5	*	3	0855	684	406.	7962.7	1627.7
1	0700	85	249.	186.1	1586.2	*	2	0800	385	409.	8484.3	1628.5	*	3	0900	685	406.	7961.0	1627.7
1	0705	86	254.	193.4	1587.2	*	2	0805	386	409.	8482.8	1628.5	*	3	0905	686	406.	7959.2	1627.7
1	0710	87	259.	200.6	1588.2	*	2	0810	387	409.	8481.2	1628.5	*	3	0910	687	406.	7957.5	1627.7
1	0715	88	264.	207.6	1589.2	*	2	0815	388	409.	8479.6	1628.5	*	3	0915	688	406.	7955.7	1627.7
1	0720	89	268.	214.2	1590.1	*	2	0820	389	409.	8478.1	1628.5	*	3	0920	689	406.	7954.0	1627.7
1	0725	90	277.	228.0	1592.0	*	2	0825	390	409.	8476.5	1628.5	*	3	0925	690	406.	7952.2	1627.7
1	0730	91	290.	256.8	1595.1	*	2	0830	391	409.	8474.9	1628.5	*	3	0930	691	406.	7950.5	1627.7
1	0735	92	292.	296.7	1595.5	*	2	0835	392	409.	8473.3	1628.5	*	3	0935	692	406.	7948.8	1627.7
1	0740	93	294.	343.8	1596.0	*	2	0840	393	409.	8471.7	1628.5	*	3	0940	693	406.	7947.0	1627.7
1	0745	94	297.	397.8	1596.6	*	2	0845	394	409.	8470.0	1628.5	*	3	0945	694	406.	7945.3	1627.7
1	0750	95	300.	458.1	1597.3	*	2	0850	395	408.	8468.4	1628.5	*	3	0950	695	406.	7943.5	1627.7
1	0755	96	303.	521.6	1598.0	*	2	0855	396	408.	8466.8	1628.5	*	3	0955	696	406.	7941.8	1627.6
1	0800	97	306.	585.0	1598.7	*	2	0900	397	408.	8465.1	1628.5	*	3	1000	697	406.	7940.0	1627.6
1	0805	98	309.	647.3	1599.4	*	2	0905	398	408.	8463.5	1628.5	*	3	1005	698	406.	7938.3	1627.6
1	0810	99	311.	707.3	1600.1	*	2	0910	399	408.	8461.8	1628.5	*	3	1010	699	406.	7936.5	1627.6
1	0815	100	314.	764.9	1600.8	*	2	0915	400	408.	8460.2	1628.5	*	3	1015	700	406.	7934.8	1627.6
1	0820	101	317.	820.0	1601.5	*	2	0920	401	408.	8458.5	1628.5	*	3	1020	701	406.	7933.0	1627.6
1	0825	102	319.	873.5	1602.2	*	2	0925	402	408.	8456.8	1628.5	*	3	1025	702	406.	7931.3	1627.6
1	0830	103	322.	926.7	1602.8	*	2	0930	403	408.	8455.2	1628.5	*	3	1030	703	406.	7929.5	1627.6
1	0835	104	324.	980.8	1603.5	*	2	0935	404	408.	8453.5	1628.5	*	3	1035	704	406.	7927.8	1627.6
1	0840	105	327.	1037.3	1604.2	*	2	0940	405	408.	8451.8	1628.5	*	3	1040	705	406.	7926.0	1627.6
1	0845	106	330.	1094.1	1604.9	*	2	0945	406	408.	8450.1	1628.5	*	3	1045	706	406.	7924.3	1627.6
1	0850	107	331.	1149.2	1605.4	*	2	0950	407	408.	8448.5	1628.5	*	3	1050	707	406.	7922.5	1627.6
1	0855	108	332.	1201.9	1605.7	*	2	0955	408	408.	8446.8	1628.5	*	3	1055	708	406.	7920.8	1627.6
1	0900	109	334.	1251.4	1606.1	*	2	1000	409	408.	8445.1	1628.5	*	3	1100	709	406.	7919.0	1627.6
1	0905	110	335.	1297.9	1606.4	*	2	1005	410	408.	8443.4	1628.5	*	3	1105	710	406.	7917.3	1627.6
1	0910	111	336.	1341.5	1606.7	*	2	1010	411	408.	8441.7	1628.5	*	3	1110	711	406.	7915.5	1627.6
1	0915	112	337.	1382.3	1607.0	*	2	1015	412	408.	8440.0	1628.5	*	3	1115	712	406.	7913.8	1627.6
1	0920	113	338.	1420.5	1607.3	*	2	1020	413	408.	8438.3	1628.4	*	3	1120	713	406.	7912.0	1627.6
1	0925	114	339.	1456.3	1607.5	*	2	1025	414	408.	8436.6	1628.4	*	3	1125	714	406.	7910.3	1627.6
1	0930	115	339.	1490.0	1607.8	*	2	1030	415	408.	8434.9	1628.4	*	3	1130	715	406.	7908.5	1627.6
1	0935	116	340.	1521.6	1608.0	*	2	1035	416	408.	8433.2	1628.4	*	3	1135	716	406.	7906.8	1627.6
1	0940	117	341.	1551.3	1608.2	*	2	1040	417	408.	8431.5	1628.4	*	3	1140	717	406.	7905.0	1627.6
1	0945	118	342.	1579.2	1608.4	*	2	1045	418	408.	8429.8	1628.4	*	3	1145	718	406.	7903.3	1627.6
1	0950	119	342.	1605.6	1608.6	*	2	1050	419	408.	8428.0	1628.4	*	3	1150	719	406.	7901.5	1627.6
1	0955	120	343.	1630.4	1608.8	*	2	1055	420	408.	8426.3	1628.4	*	3	1155	720	406.	7899.8	1627.6
1	1000	121	343.	1653.9	1609.0	*	2	1100	421	408.	8424.6	1628.4	*	3	1200	721	406.	7898.1	1627.6
1	1005	122	344.	1676.0	1609.1	*	2	1105	422	408.	8422.9	1628.4	*	3	1205	722	406.	7896.3	1627.6
1	1010	123	344.	1696.9	1609.3	*	2	1110	423	408.	8421.1	1628.4	*	3	1210	723	406.	7894.6	1627.6
1	1015	124	345.	1716.7	1609.4	*	2	1115	424	408.	8419.4	1628.4	*	3	1215	724	406.	7892.8	1627.6
1	1020	125	345.	1735.4	1609.5	*	2	1120	425	408.	8417.7	1628.4	*	3	1220	725	406.	7891.1	1627.6
1	1025	126	346.	1753.2	1609.7	*	2	1125	426	408.	8415.9	1628.4	*	3	1225	726	406.	7889.3	1627.6
1	1030	127	346.	1770.0	1609.8	*	2	1130	427	408.	8414.2	1628.4	*	3	1230	727	406.	7887.6	1627.6
1	1035	128	347.	1786.0	1609.9	*	2	1135	428	408.	8412.4	1628.4	*	3	1235	728	406.	7885.8	1627.6
1	1040	129	347.	1801.3	1610.0	*	2	1140	429	408.	8410.7	1628.4	*	3	1240	729	406.	7884.1	1627.6

1	1045	130	347.	1815.8	1610.1	*	2	1145	430	408.	8408.9	1628.4	*	3	1245	730	406.	7882.3	1627.6
1	1050	131	348.	1829.7	1610.2	*	2	1150	431	408.	8407.2	1628.4	*	3	1250	731	406.	7880.6	1627.5
1	1055	132	348.	1843.1	1610.3	*	2	1155	432	408.	8405.4	1628.4	*	3	1255	732	406.	7878.8	1627.5
1	1100	133	348.	1856.0	1610.3	*	2	1200	433	408.	8403.7	1628.4	*	3	1300	733	406.	7877.1	1627.5
1	1105	134	349.	1868.3	1610.4	*	2	1205	434	408.	8401.9	1628.4	*	3	1305	734	406.	7875.3	1627.5
1	1110	135	349.	1880.2	1610.5	*	2	1210	435	408.	8400.2	1628.4	*	3	1310	735	406.	7873.6	1627.5
1	1115	136	349.	1891.7	1610.6	*	2	1215	436	408.	8398.4	1628.4	*	3	1315	736	406.	7871.8	1627.5
1	1120	137	349.	1902.8	1610.6	*	2	1220	437	408.	8396.7	1628.4	*	3	1320	737	406.	7870.1	1627.5
1	1125	138	350.	1913.5	1610.7	*	2	1225	438	408.	8394.9	1628.4	*	3	1325	738	406.	7868.4	1627.5
1	1130	139	350.	1923.9	1610.8	*	2	1230	439	408.	8393.2	1628.4	*	3	1330	739	406.	7866.6	1627.5
1	1135	140	350.	1934.0	1610.8	*	2	1235	440	408.	8391.4	1628.4	*	3	1335	740	406.	7864.9	1627.5
1	1140	141	350.	1944.2	1610.9	*	2	1240	441	408.	8389.6	1628.4	*	3	1340	741	406.	7863.1	1627.5
1	1145	142	350.	1954.3	1611.0	*	2	1245	442	408.	8387.9	1628.4	*	3	1345	742	406.	7861.4	1627.5
1	1150	143	351.	1964.6	1611.0	*	2	1250	443	408.	8386.1	1628.4	*	3	1350	743	406.	7859.6	1627.5
1	1155	144	351.	1975.3	1611.1	*	2	1255	444	408.	8384.3	1628.4	*	3	1355	744	406.	7857.9	1627.5
1	1200	145	351.	1986.9	1611.2	*	2	1300	445	408.	8382.6	1628.4	*	3	1400	745	406.	7856.1	1627.5
1	1205	146	351.	1999.4	1611.2	*	2	1305	446	408.	8380.8	1628.4	*	3	1405	746	406.	7854.4	1627.5
1	1210	147	352.	2013.3	1611.3	*	2	1310	447	408.	8379.0	1628.4	*	3	1410	747	406.	7852.6	1627.5
1	1215	148	352.	2029.1	1611.4	*	2	1315	448	408.	8377.3	1628.4	*	3	1415	748	406.	7850.9	1627.5
1	1220	149	353.	2047.3	1611.5	*	2	1320	449	408.	8375.5	1628.3	*	3	1420	749	405.	7849.1	1627.5
1	1225	150	353.	2068.2	1611.7	*	2	1325	450	408.	8373.8	1628.3	*	3	1425	750	405.	7847.4	1627.5
1	1230	151	354.	2092.3	1611.8	*	2	1330	451	408.	8372.0	1628.3	*	3	1430	751	405.	7845.7	1627.5
1	1235	152	354.	2119.7	1612.0	*	2	1335	452	408.	8370.2	1628.3	*	3	1435	752	405.	7843.9	1627.5
1	1240	153	355.	2150.2	1612.2	*	2	1340	453	408.	8368.5	1628.3	*	3	1440	753	405.	7842.2	1627.5
1	1245	154	356.	2183.2	1612.4	*	2	1345	454	408.	8366.7	1628.3	*	3	1445	754	405.	7840.4	1627.5
1	1250	155	356.	2218.0	1612.6	*	2	1350	455	408.	8364.9	1628.3	*	3	1450	755	405.	7838.7	1627.5
1	1255	156	357.	2253.8	1612.8	*	2	1355	456	408.	8363.2	1628.3	*	3	1455	756	405.	7836.9	1627.5
1	1300	157	358.	2290.6	1613.1	*	2	1400	457	408.	8361.4	1628.3	*	3	1500	757	405.	7835.2	1627.5
1	1305	158	359.	2328.5	1613.3	*	2	1405	458	408.	8359.7	1628.3	*	3	1505	758	405.	7833.4	1627.5
1	1310	159	360.	2367.6	1613.5	*	2	1410	459	408.	8357.9	1628.3	*	3	1510	759	405.	7831.7	1627.5
1	1315	160	361.	2408.3	1613.8	*	2	1415	460	408.	8356.1	1628.3	*	3	1515	760	405.	7829.9	1627.5
1	1320	161	362.	2451.3	1614.1	*	2	1420	461	408.	8354.4	1628.3	*	3	1520	761	405.	7828.2	1627.5
1	1325	162	363.	2497.8	1614.4	*	2	1425	462	408.	8352.6	1628.3	*	3	1525	762	405.	7826.5	1627.5
1	1330	163	364.	2549.8	1614.7	*	2	1430	463	408.	8350.8	1628.3	*	3	1530	763	405.	7824.7	1627.5
1	1335	164	365.	2610.1	1615.0	*	2	1435	464	408.	8349.1	1628.3	*	3	1535	764	405.	7823.0	1627.5
1	1340	165	366.	2680.7	1615.3	*	2	1440	465	408.	8347.3	1628.3	*	3	1540	765	405.	7821.2	1627.5
1	1345	166	367.	2762.4	1615.6	*	2	1445	466	408.	8345.6	1628.3	*	3	1545	766	405.	7819.5	1627.5
1	1350	167	368.	2855.0	1615.9	*	2	1450	467	408.	8343.8	1628.3	*	3	1550	767	405.	7817.7	1627.4
1	1355	168	369.	2958.2	1616.3	*	2	1455	468	408.	8342.0	1628.3	*	3	1555	768	405.	7816.0	1627.4
1	1400	169	370.	3071.2	1616.7	*	2	1500	469	408.	8340.3	1628.3	*	3	1600	769	405.	7814.2	1627.4
1	1405	170	372.	3191.9	1617.1	*	2	1505	470	408.	8338.5	1628.3	*	3	1605	770	405.	7812.5	1627.4
1	1410	171	373.	3318.0	1617.6	*	2	1510	471	408.	8336.7	1628.3	*	3	1610	771	405.	7810.7	1627.4
1	1415	172	375.	3447.4	1618.0	*	2	1515	472	408.	8335.0	1628.3	*	3	1615	772	405.	7809.0	1627.4
1	1420	173	376.	3578.5	1618.5	*	2	1520	473	408.	8333.2	1628.3	*	3	1620	773	405.	7807.3	1627.4
1	1425	174	378.	3710.0	1619.0	*	2	1525	474	408.	8331.5	1628.3	*	3	1625	774	405.	7805.5	1627.4
1	1430	175	379.	3840.9	1619.4	*	2	1530	475	408.	8329.7	1628.3	*	3	1630	775	405.	7803.8	1627.4
1	1435	176	381.	3970.6	1619.9	*	2	1535	476	408.	8327.9	1628.3	*	3	1635	776	405.	7802.0	1627.4
1	1440	177	382.	4098.4	1620.2	*	2	1540	477	408.	8326.2	1628.3	*	3	1640	777	405.	7800.3	1627.4
1	1445	178	383.	4224.1	1620.5	*	2	1545	478	408.	8324.4	1628.3	*	3	1645	778	405.	7798.5	1627.4
1	1450	179	384.	4347.7	1620.8	*	2	1550	479	408.	8322.6	1628.3	*	3	1650	779	405.	7796.8	1627.4
1	1455	180	384.	4469.1	1621.0	*	2	1555	480	408.	8320.9	1628.3	*	3	1655	780	405.	7795.1	1627.4
1	1500	181	385.	4588.3	1621.3	*	2	1600	481	408.	8319.1	1628.3	*	3	1700	781	405.	7793.3	1627.4
1	1505	182	386.	4705.1	1621.5	*	2	1605	482	408.	8317.4	1628.3	*	3	1705	782	405.	7791.6	1627.4
1	1510	183	387.	4819.4	1621.8	*	2	1610	483	408.	8315.6	1628.3	*	3	1710	783	405.	7789.8	1627.4
1	1515	184	388.	4931.2	1622.0	*	2	1615	484	408.	8313.8	1628.2	*	3	1715	784	405.	7788.1	1627.4
1	1520	185	389.	5040.3	1622.3	*	2	1620	485	408.	8312.1	1628.2	*	3	1720	785	405.	7786.3	1627.4
1	1525	186	389.	5146.7	1622.5	*	2	1625	486	408.	8310.3	1628.2	*	3	1725	786	405.	7784.6	1627.4
1	1530	187	390.	5250.8	1622.7	*	2	1630	487	408.	8308.6	1628.2	*	3	1730	787	405.	7782.8	1627.4
1	1535	188	391.	5352.6	1622.9	*	2	1635	488	408.	8306.8	1628.2	*	3	1735	788	405.	7781.1	1627.4
1	1540	189	392.	5452.2	1623.2	*	2	1640	489	408.	8305.0	1628.2	*	3	1740	789	405.	7779.4	1627.4
1	1545	190	392.	5549.9	1623.4	*	2	1645	490	408.	8303.3	1628.2	*	3	1745	790	405.	7777.6	1627.4
1	1550	191	393.	5645.6	1623.6	*	2	1650	491	408.	8301.5	1628.2	*	3	1750	791	405.	7775.9	1627.4
1	1555	192	394.	5739.4	1623.8	*	2	1655	492	408.	8299.8	1628.2	*	3	1755	792	405.	7774.1	1627.4
1	1600	193	395.	5831.4	1624.0	*	2	1700	493	408.	8298.0	1628.2	*	3	1800	793	405.	7772.4	1627.4
1	1605	194	395.	5921.4	1624.2	*	2	1705	494	408.	8296.2	1628.2	*	3	1805	794	405.	7770.6	1627.4
1	1610	195	396.	6009.7	1624.4	*	2	1710	495	408.	8294.5	1628.2	*	3	1810	795	405.	7768.9	1627.4
1	1615	196	396.	6096.0	1624.6	*	2	1715	496	408.	8292.7	1628.2	*	3	1815	796	405.	7767.2	1627.4
1	1620	197	397.	6180.5	1624.7	*	2	1720	497	408.	8290.9	1628.2	*	3	1820	797	405.	7765.4	1627.4
1	1625	198	398.	6263.0	1624.9	*	2	1725	498	408.	8289.2	1628.2	*	3	1825	798	405.	7763.7	1627.4
1	1630	199	398.	6343.6	1625.1	*	2	1730	499	408.	8287.4	1628.2	*	3	1830	799	405.	7761.9	1627.4
1	1635	200	399.	6422.3	1625.2	*	2	1735	500	408.	8285.7	1628.2	*	3	1835	800	405.	7760.2	1627.4
1	1640	201	399.	6499.0	1625.3	*	2	1740	501	408.	8283.9	1628.2	*	3	1840	801	405.	7758.4	1627.4
1	1645	202	399.	6573.7	1625.4	*	2	1745	502	408.	8282.1	1628.2	*	3	1845	802	405.	7756.7	1627.3
1	1650	203	400.	6646.6	1625.6	*	2	1750	503	408.	8280.4	1628.2	*	3	1850	803	405.	7755.0	1627.3
1	1655	204	400.	6717.6	1625.7	*	2	1755	504	408.	8278.6	1628.2	*	3	1855	804	405.	7753.2	1627.3
1	1700	205	400.	6786.7	1625.8	*	2	1800	505	408.	8276.9	1628.2	*	3	1900	805	405.	7751.5	1627.3
1	1705	206	401.	6854.0	1625.9	*	2	1805	506	408.	8275.1	1628.2	*	3	1905	806	405.	7749.7	1627.3
1	1710	207	401.	6919.2	1626.0	*	2	1810	507	408.	8273.3	1628.2	*	3	1910	807	405.	7748.0	1627.3
1	1715	208	401.	6982.6	1626.1	*	2	1815	508	408.	8271.6	1628.2	*	3	1915	808	405.	7746.2	1627.3
1	1720	209	402.	7044.0	1626.2	*	2	1820	509	408.	8269.8	1628.2	*	3	1920	809	405.	7744.5	1627.3
1	1725	210	402.	7103.5	1626.3	*	2	1825	510	408.	8268.1	1628.2	*	3	1925	810	405.	7742.8	1627.3
1	1730	211	402.	7161.0	1626.4	*	2	1830	511	408.	8266.3	1628.2	*	3	1930	811	405.	7741.0	1627.3
1	1735	212	402.	7216.6	1626.5	*	2	1835	512	408.	8264.5	1628.2	*	3	1935	812	405.	7739.3	1627.3
1	1740	213	403.	7270.4	1626.6	*	2	1840	513	407.	8262.8	1628.2	*	3	1940	813	405.	7737.5	1627.3
1	1745	214	403.	7322.6	1626.6	*	2	1845	514	407.	8261.0	1628.2	*	3	1945	814	405.	7735.8	1627.3
1	1750	215	403.	7373.1	1626.7	*	2	1850	515	407.	8259.3	1628.2	*	3	1950	815	405.	7734.0	1627.3
1	1755	216	403.	7422.0	1626.8	*	2	1855	516	407.	8257.5	1628.2	*	3	1955	816	405.	7732.3	1627.3
1	1800	217	404.	7469.3	1626.9	*	2	1900	517	407.	8255.7	1628.2	*	3	2000	817	405.	7730.6	1627.3
1	1805	218	404.	7514.9	1627.0	*	2	1905	518	407.	8254.0	1628.2	*	3	2005	818	405.	7728.8	1627.3
1	1810	219	404.	7558.8	1627.0	*	2	1910	519	407.	8252.2	1628.1	*	3	2010	819	405.	7727.1	1627.3
1	1815	220	404.	7600.9	1627.1	*	2	1915	520	407.	8250.5	1628.1	*	3	2015	820	405.	7725.3	1627.3
1	1820	221	404.	7641.2	1627.2	*	2	1920	521	407.	8248.7	1628.1	*	3	2020	821	405.	7723.6	1627.3
1	1825	222	405.	7680.0	1627.2	*	2	1925	522	407.	8247.0	1628.1	*	3	2025	822	405.	7721.9	1627.3
1	1830	223	405.	7717.1	1627.3	*	2	1930	523	407.	8245.2	1628.1	*	3	2030	823	405.	7720.1	1627.3
1	1835	224	405.	7752.7	1627.3	*	2	1935	524	407.	8243.4	1628.1	*	3	2035	824	405.	7718.4	1627.3
1	1840	225	405.	7786.8	1627.4	*	2	1940	525	407.	8241.7	1628.1	*	3	2040	825	405.	7716.6	1627.3
1	1845	226	405.	7819.6	1627.5	*	2	1945	526	407.	8239.9	1628.1	*	3	2045	826	405.	7714.9	1627.3
1	1850	227	406.	7851.0	1627.5	*	2	1950	527	407.	8238.2	1628.1	*	3	2050	827	405.	7713.1	1627.3
1	1855	228	406.	7881.2	1627.6	*	2	1955	528	407.	8236.4	1628.1	*	3	2055	828	405.	7711.4	1627.3
1	1900	229	406.	7910.4	1627.6	*	2	2000	529	407.	8234.6	1628.1	*	3	2100	829	405.	7709.7	1627.3
1	1905	230	406.	7938.9	1627.6	*	2	2005	530	407.	8232.9	1628.1	*	3	2105	830	405.	7707.9	1627.3
1	1910	231	406.	7966.9	1627.7	*	2	2010	531	407.	8231.1	1628.1	*	3	2110	831	405.	7706.2	1627.3
1	1915	232	406.	7994.5	1627.7	*	2	2015	532	407.	8229.4	1628.1	*	3	2115	832	405.	7704.4	1627.3
1	1920	233	406.	8021.5	1627.8	*	2	2020	533	407.	8227.6	1628.1	*	3	2120	833	405.	7702.7	1627.3
1	1925	234	406.	8047.7	1627.8	*	2	2025	534	407.	8225.8	1628.1	*	3	2125	834	405.	7701.0	1627.3
1	1930	235	407.	8073.1	1627.9	*	2	2030	535	407.	8224.1	1628.1	*	3	2130	835	405.	7699.2	1627.3

1	1935	236	407.	8097.5	1627.9	*	2	2035	536	407.	8222.3	1628.1	*	3	2135	836	405.	7697.5	1627.3
1	1940	237	407.	8120.9	1627.9	*	2	2040	537	407.	8220.6	1628.1	*	3	2140	837	405.	7695.7	1627.3
1	1945	238	407.	8143.4	1628.0	*	2	2045	538	407.	8218.8	1628.1	*	3	2145	838	405.	7694.0	1627.2
1	1950	239	407.	8165.0	1628.0	*	2	2050	539	407.	8217.1	1628.1	*	3	2150	839	405.	7692.3	1627.2
1	1955	240	407.	8185.6	1628.0	*	2	2055	540	407.	8215.3	1628.1	*	3	2155	840	405.	7690.5	1627.2
1	2000	241	407.	8205.2	1628.1	*	2	2100	541	407.	8213.5	1628.1	*	3	2200	841	405.	7688.8	1627.2
1	2005	242	407.	8224.0	1628.1	*	2	2105	542	407.	8211.8	1628.1	*	3	2205	842	405.	7687.0	1627.2
1	2010	243	407.	8242.0	1628.1	*	2	2110	543	407.	8210.0	1628.1	*	3	2210	843	405.	7685.3	1627.2
1	2015	244	407.	8259.1	1628.2	*	2	2115	544	407.	8208.3	1628.1	*	3	2215	844	405.	7683.5	1627.2
1	2020	245	408.	8275.5	1628.2	*	2	2120	545	407.	8206.5	1628.1	*	3	2220	845	405.	7681.8	1627.2
1	2025	246	408.	8291.2	1628.2	*	2	2125	546	407.	8204.8	1628.1	*	3	2225	846	405.	7680.1	1627.2
1	2030	247	408.	8306.2	1628.2	*	2	2130	547	407.	8203.0	1628.1	*	3	2230	847	405.	7678.3	1627.2
1	2035	248	408.	8320.7	1628.3	*	2	2135	548	407.	8201.2	1628.1	*	3	2235	848	405.	7676.6	1627.2
1	2040	249	408.	8334.5	1628.3	*	2	2140	549	407.	8199.5	1628.1	*	3	2240	849	405.	7674.8	1627.2
1	2045	250	408.	8347.8	1628.3	*	2	2145	550	407.	8197.7	1628.1	*	3	2245	850	405.	7673.1	1627.2
1	2050	251	408.	8360.6	1628.3	*	2	2150	551	407.	8196.0	1628.1	*	3	2250	851	405.	7671.4	1627.2
1	2055	252	408.	8372.8	1628.3	*	2	2155	552	407.	8194.2	1628.1	*	3	2255	852	405.	7669.6	1627.2
1	2100	253	408.	8384.6	1628.4	*	2	2200	553	407.	8192.4	1628.1	*	3	2300	853	405.	7667.9	1627.2
1	2105	254	408.	8395.8	1628.4	*	2	2205	554	407.	8190.7	1628.0	*	3	2305	854	405.	7666.2	1627.2
1	2110	255	408.	8406.4	1628.4	*	2	2210	555	407.	8188.9	1628.0	*	3	2310	855	405.	7664.4	1627.2
1	2115	256	408.	8416.5	1628.4	*	2	2215	556	407.	8187.2	1628.0	*	3	2315	856	405.	7662.7	1627.2
1	2120	257	408.	8425.8	1628.4	*	2	2220	557	407.	8185.4	1628.0	*	3	2320	857	405.	7660.9	1627.2
1	2125	258	408.	8434.4	1628.4	*	2	2225	558	407.	8183.7	1628.0	*	3	2325	858	405.	7659.2	1627.2
1	2130	259	408.	8441.9	1628.5	*	2	2230	559	407.	8181.9	1628.0	*	3	2330	859	405.	7657.5	1627.2
1	2135	260	408.	8448.5	1628.5	*	2	2235	560	407.	8180.1	1628.0	*	3	2335	860	405.	7655.7	1627.2
1	2140	261	408.	8454.4	1628.5	*	2	2240	561	407.	8178.4	1628.0	*	3	2340	861	405.	7654.0	1627.2
1	2145	262	408.	8459.8	1628.5	*	2	2245	562	407.	8176.6	1628.0	*	3	2345	862	405.	7652.2	1627.2
1	2150	263	408.	8464.9	1628.5	*	2	2250	563	407.	8174.9	1628.0	*	3	2350	863	405.	7650.5	1627.2
1	2155	264	408.	8469.8	1628.5	*	2	2255	564	407.	8173.1	1628.0	*	3	2355	864	405.	7648.8	1627.2
1	2200	265	409.	8474.3	1628.5	*	2	2300	565	407.	8171.4	1628.0	*	4	0000	865	405.	7647.0	1627.2
1	2205	266	409.	8478.7	1628.5	*	2	2305	566	407.	8169.6	1628.0	*	4	0005	866	405.	7645.3	1627.2
1	2210	267	409.	8482.9	1628.5	*	2	2310	567	407.	8167.9	1628.0	*	4	0010	867	405.	7643.5	1627.2
1	2215	268	409.	8487.0	1628.5	*	2	2315	568	407.	8166.1	1628.0	*	4	0015	868	404.	7641.8	1627.2
1	2220	269	409.	8490.9	1628.5	*	2	2320	569	407.	8164.3	1628.0	*	4	0020	869	404.	7640.1	1627.2
1	2225	270	409.	8494.6	1628.5	*	2	2325	570	407.	8162.6	1628.0	*	4	0025	870	404.	7638.3	1627.2
1	2230	271	409.	8498.1	1628.5	*	2	2330	571	407.	8160.8	1628.0	*	4	0030	871	404.	7636.6	1627.2
1	2235	272	409.	8501.6	1628.6	*	2	2335	572	407.	8159.1	1628.0	*	4	0035	872	404.	7634.8	1627.2
1	2240	273	409.	8504.8	1628.6	*	2	2340	573	407.	8157.3	1628.0	*	4	0040	873	404.	7633.1	1627.2
1	2245	274	409.	8507.9	1628.6	*	2	2345	574	407.	8155.6	1628.0	*	4	0045	874	404.	7631.4	1627.1
1	2250	275	409.	8510.9	1628.6	*	2	2350	575	407.	8153.8	1628.0	*	4	0050	875	404.	7629.6	1627.1
1	2255	276	409.	8513.7	1628.6	*	2	2355	576	407.	8152.0	1628.0	*	4	0055	876	404.	7627.9	1627.1
1	2300	277	409.	8516.3	1628.6	*	3	0000	577	407.	8150.3	1628.0	*	4	0100	877	404.	7626.2	1627.1
1	2305	278	409.	8518.9	1628.6	*	3	0005	578	407.	8148.5	1628.0	*	4	0105	878	404.	7624.4	1627.1
1	2310	279	409.	8521.2	1628.6	*	3	0010	579	407.	8146.8	1628.0	*	4	0110	879	404.	7622.7	1627.1
1	2315	280	409.	8523.5	1628.6	*	3	0015	580	407.	8145.0	1628.0	*	4	0115	880	404.	7620.9	1627.1
1	2320	281	409.	8525.6	1628.6	*	3	0020	581	407.	8143.3	1628.0	*	4	0120	881	404.	7619.2	1627.1
1	2325	282	409.	8527.6	1628.6	*	3	0025	582	407.	8141.5	1628.0	*	4	0125	882	404.	7617.5	1627.1
1	2330	283	409.	8529.5	1628.6	*	3	0030	583	407.	8139.8	1628.0	*	4	0130	883	404.	7615.7	1627.1
1	2335	284	409.	8531.3	1628.6	*	3	0035	584	407.	8138.0	1628.0	*	4	0135	884	404.	7614.0	1627.1
1	2340	285	409.	8532.9	1628.6	*	3	0040	585	407.	8136.2	1628.0	*	4	0140	885	404.	7612.2	1627.1
1	2345	286	409.	8534.5	1628.6	*	3	0045	586	407.	8134.5	1628.0	*	4	0145	886	404.	7610.5	1627.1
1	2350	287	409.	8535.9	1628.6	*	3	0050	587	407.	8132.7	1628.0	*	4	0150	887	404.	7608.8	1627.1
1	2355	288	409.	8537.2	1628.6	*	3	0055	588	407.	8131.0	1628.0	*	4	0155	888	404.	7607.0	1627.1
2	0000	289	409.	8538.4	1628.6	*	3	0100	589	407.	8129.2	1628.0	*	4	0200	889	404.	7605.3	1627.1
2	0005	290	409.	8539.5	1628.6	*	3	0105	590	407.	8127.5	1627.9	*	4	0205	890	404.	7603.6	1627.1
2	0010	291	409.	8540.5	1628.6	*	3	0110	591	407.	8125.7	1627.9	*	4	0210	891	404.	7601.8	1627.1
2	0015	292	409.	8541.5	1628.6	*	3	0115	592	407.	8124.0	1627.9	*	4	0215	892	404.	7600.1	1627.1
2	0020	293	409.	8542.4	1628.6	*	3	0120	593	407.	8122.2	1627.9	*	4	0220	893	404.	7598.3	1627.1
2	0025	294	409.	8543.2	1628.6	*	3	0125	594	407.	8120.4	1627.9	*	4	0225	894	404.	7596.6	1627.1
2	0030	295	409.	8544.0	1628.6	*	3	0130	595	407.	8118.7	1627.9	*	4	0230	895	404.	7594.9	1627.1
2	0035	296	409.	8544.7	1628.6	*	3	0135	596	407.	8116.9	1627.9	*	4	0235	896	404.	7593.1	1627.1
2	0040	297	409.	8545.4	1628.6	*	3	0140	597	407.	8115.2	1627.9	*	4	0240	897	404.	7591.4	1627.1
2	0045	298	409.	8546.0	1628.6	*	3	0145	598	407.	8113.4	1627.9	*	4	0245	898	404.	7589.7	1627.1
2	0050	299	409.	8546.6	1628.6	*	3	0150	599	407.	8111.7	1627.9	*	4	0250	899	404.	7587.9	1627.1
2	0055	300	409.	8547.1	1628.6	*	3	0155	600	407.	8109.9	1627.9	*	4	0255	900	404.	7586.2	1627.1
						*							*						

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 409.	26.25		409.	408.	379.	364.
		(INCHES)	.020	.080	.223	.223
		(AC-FT)	203.	810.	2255.	2255.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	74.92-HR
+ (AC-FT)	(HR)				
8551.	26.33	8544.	8432.	6895.	6627.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	74.92-HR
+ (FEET)	(HR)				
1628.63	26.33	1628.62	1628.44	1622.12	1619.73

CUMULATIVE AREA = 189.89 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	CC	18073.	14.42	10339.	3031.	1012.	142.29		
+	HYDROGRAPH AT	AW	9473.	7.83	4117.	1460.	575.	30.64		
+	2 COMBINED AT	C550	18897.	14.42	11336.	4487.	1588.	172.93		

```
          HYDROGRAPH AT
+                         EAST      2268.   13.00        680.       179.        66.     16.96
          2 COMBINED AT
+                         CBD-I    19478.   14.33      11754.      4665.      1654.    189.89
          ROUTED TO
+                         CBD-O      409.   26.25        409.       408.       379.    189.89
+                                                                                      1628.63       26.33

 *** NORMAL END OF HEC-1 ***
```

Appendix 3-3D:

HEC-1 Output

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*            FEBRUARY 1981             *
*           REVISED 02 AUG 88          *
*                                      *
*  RUN DATE  03/05/2001  TIME  10:05:45 *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*  THE HYDROLOGIC ENGINEERING CENTER   *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*          (916) 551-1748              *
*                                      *
****************************************
```

```
X     X  XXXXXXX   XXXXX           X
X     X  X        X     X         XX
X     X  X        X                X
XXXXXXX  XXXX     X        XXXXX   X
X     X  X        X                X
X     X  X        X     X          X
X     X  XXXXXXX   XXXXX          XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                          HEC-1 INPUT                                                    PAGE  1

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

    1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File: AWFIS100.IH1
    2           ID           By: ASL Consulting Engineers                    Original: 07/02/99
    3           ID          For: Flood Control District of Maricopa County   Revised:
    4           ID
    5           ID            Apache Wash Existing Condition HEC-1 Input File
    6           ID           HEC-1 model from:
    7           ID             1.  Jerry R. Jones & Associates, Inc.
    8           ID                 Apache Wash Hydrology Report
    9           ID                 Original model dated November 1991
   10           ID                 Contract FCDMC 98-66
   11           ID                 JJA/DEA Job No. MARI0001
   12           ID
   13           ID        Model Basis:
   14           ID
   15           ID           100-year, 24-hr rainfall with SCS Type II distribution
   16           ID           SCS Curve Number Method
   17           ID           NMIN = 10
   18           ID           SCS Unit Hydrograph
   19           ID           Kinematic Wave channel routing
   20           ID           200 Scale 2' CI mapping of study reach by Kenny Aerial Mapping Co.
                *Diagram
   21           IT      10  1Jun90            145
   22           IO       5       0
                *

   23           KK      70
   24           KM  RUNOFF FROM 70
   25           BA     2.2
   26           IN      30
   27           PB     4.6
   28           PC       0   0.005   0.009    0.01   0.013   0.019   0.021   0.028   0.032   0.044
   29           PC   0.057     0.1    0.66   0.745   0.776     0.8   0.816    0.83    0.84    0.85
   30           PC   0.861   0.868   0.878   0.884   0.891     0.9   0.905   0.912   0.919   0.923
   31           PC   0.974   0.979   0.981   0.985   0.989   0.991   0.993   0.996     1.0
   32           LS       0    84.9       1
   33           UD    0.92
                *

   34           KK      80
   35           KM   RUNOFF FROM 80
   36           BA    1.35
   37           LS       0    83.6       1
   38           UD    0.92
                *

   39           KK     80T
   40           KM  COMBINE 70,80
   41           HC       2
                *
1                                          HEC-1 INPUT                                                    PAGE  2

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   42           KK       G
   43           KM  ROUTE 80T TO G
   44           RK    3000   0.005    0.03            TRAP       0      50
                *

   45           KK       G
   46           KM  RUNOFF FROM G
   47           KO       3
   48           BA    0.89
   49           LS       0    85.1       5
   50           UD    0.35
                *

   51           KK      GT
```

```
 52          KM  COMBINE 80T+G
 53          HC       2
             *

 54          KK      60
 55          KM  RUNOFF FROM 60
 56          KO       3
 57          BA    0.59
 58          LS       0       83        1
 59          UD    0.37
             *

 60          KK     60T
 61          KM  COMBINE GT+60
 62          HC       2
             *

 63          KK      50
 64          KM  RUNOFF FROM 50
 65          KO       3
 66          BA    1.15
 67          LS       0     84.3      1.5
 68          UD    0.85
             *

 69          KK     50T
 70          KM  COMBINE 60T+50
 71          HC       2
             *

 72          KK    40MT
 73          KM  ROUTE 50T TO 40
 74          RK    1000    0.005    0.03            TRAP      10       25
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 75          KK      44
 76          KM  RUNOFF FROM 44
 77          BA    0.62
 78          LS       0     84.7
 79          UD    0.39
             *

 80          KK     42T
 81          KM  ROUTE TO 42T
 82          RK    2000    0.016   0.035            TRAP       5       10
             *

 83          KK      43
 84          KM  RUNOFF FROM 43
 85          BA    1.39
 86          LS       0     85.2       1
 87          UD    0.52
             *

 88          KK     42T
 89          KM  ROUTE 44 TO 42T
 90          RK    1500    0.016   0.035            TRAP       5       10
             *

 91          KK      42
 92          KM  RUNOFF FROM 42
 93          BA    0.11
 94          LS       0     80.5       1
 95          UD    0.13
             *

 96          KK     42T
 97          KM  COMBINE 44T,43T,42T
 98          HC       3
             *

 99          KK     41T
100          KM  ROUTE TO 41T
101          RK    4200     0.01   0.035            TRAP       5       50
             *

102          KK      41
103          KM  RUNOFF FROM 41
104          BA    0.89
105          LS       0     83.7     1.5
106          UD    0.51
             *

107          KK     41T
108          KM  COMBINE 40T,42T
109          HC       2
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

110          KK     40T
111          KM  ROUTE 41T TO 40
112          RK    6500    0.006   0.035            TRAP       5       50
             *

113          KK      40
114          KM  RUNOFF FROM 40
115          BA    0.58
116          LS       0     82.2       2
117          UD    0.54
```

```
                *

 118            KK     40T
 119            KM  COMBINE 40,41T
 120            HC       2
                *

 121            KK    40MT
 122            KM  COMBINE WITH 50T
 123            HC       2
                *

 124            KK     F1T
 125            KM  ROUTE 40MT TO F1
 126            RK    1600   0.003   0.035            TRAP      12      50
                *

 127            KK      F1
 128            KM  RUNOFF FROM F1
 129            BA    0.26
 130            LS       0    85.7       1
 131            UD    0.25
                *

 132            KK     F1T
 133            KM  COMBIN 40MT+F1
 134            HC       2
                *

 135            KK     F2T
 136            KM   ROUTE TO F2
 137            RK     500   0.003   0.035            TRAP      12      50
                *

 138            KK      F2
 139            KM  RUNOFF FROM F2
 140            BA    0.46
 141            LS       0    82.7       0
 142            UD    0.59
                *
```



```
LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 143            KK     F2T
 144            KM  COMBINE F1T+F2
 145            HC       2
                *

 146            KK     30T
 147            KM  ROUTE F2T TO 30
 148            RK     800   0.003   0.035            TRAP      12      50
                *

 149            KK      30
 150            KM  RUNOFF FROM 30
 151            BA     0.5
 152            LS       0    84.3     1.2
 153            UD    0.65
                *

 154            KK     30T
 155            KM  COMBINE F2T+30
 156            HC       2
                *

 157            KK     F3T
 158            KM  ROUTE TO F3
 159            RK    1000   0.003   0.035            TRAP      12      50
                *

 160            KK      F3
 161            KM  RUNOFF FROM F3
 162            BA    0.27
 163            LS       0    84.3       1
 164            UD    0.28
                *

 165            KK     F3T
 166            KM  COMBINE 30T+F3
 167            HC       2
                *

 168            KK     F4T
 169            KM  ROUTE TO F4
 170            RK    1500   0.003   0.035            TRAP      12      50
                *

 171            KK      F4
 172            KM  RUNOFF FROM F4
 173            BA    0.14
 174            LS       0    84.3       0
 175            UD    0.22
                *
```



```
LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 176            KK     F4T
 177            KM  COMBINE F3T+F4
 178            HC       2
                *

 179            KK     F5T
```

```
180          KM  ROUTE TO F5
181          RK     500   0.003   0.035            TRAP      12      50
             *

182          KK      F5
183          KM  RUNOFF FROM F5
184          BA    0.68
185          LS       0    86.8       0
186          UD    0.84
             *

187          KK     F5T
188          KO       1                              21
189          KM  COMBINE F4T+F5
190          HC       2
             *

191          KK     F6T
192          KM  ROUTE TO F6
193          RK    2500   0.003   0.035            TRAP      12      50
             *

194          KK      F6
195          KM  RUNOFF FROM F6
196          BA    0.49
197          LS       0    84.3       0
198          UD    0.35
             *

199          KK     F6T
200          KM  COMBINE F5T+F6
201          HC       2
             *

202          KK      25
203          KM  RUNOFF FROM 25
204          BA    1.41
205          LS       0    85.7       1
206          UD    0.38
             *

207          KK      24
208          KM  RUNOFF FROM 24
209          BA    2.91
210          LS       0    86.3       1
211          UD    0.53
             *
1                                        HEC-1 INPUT                                          PAGE  7

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

212          KK     24T
213          KM  COMBINE 24,25
214          HC       2
             *

215          KK     23T
216          KO       1                              21
217          KM  ROUTE TO 23
218          RK    9500  0.0092   0.065            TRAP       8      50
             *

219          KK      23
220          KM  RUNOFF FROM 23
221          BA    1.71
222          LS       0    85.5       1
223          UD    0.49
             *

224          KK     23T
225          KM  COMBINE 24T,23
226          HC       2
             *

227          KK     22T
228          KM  ROUTE TO 22T
229          RK    8000   0.007   0.065            TRAP       8      50
             *

230          KK      22
231          KM  RUNOFF FROM 22
232          BA    0.51
233          LS       0    85.5       1
234          UD    0.46
             *

235          KK     22T
236          KO       1                              21
237          KM  COMBINE 22,23T
238          HC       2
             *

239          KK     21T
240          KM  ROUTE TO 20T
241          RK    8500   0.005   0.065            TRAP      10      50
             *

242          KK      21
243          KM  RUNOFF FROM 21
244          BA    0.51
245          LS       0    85.1       2
246          UD    0.63
             *
1                                        HEC-1 INPUT                                          PAGE  8
```

```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 247          KK     20T
 248          KM  ROUTE TO 20T
 249          RK    7000   0.005   0.035            TRAP       5      50
              *

 250          KK      20
 251          KM  RUNOFF FROM 20
 252          BA    0.68
 253          LS       0    83.4
 254          UD    0.56
              *

 255          KK     20T
 256          KO       1                              21
 257          KM  COMBINE 21,22T,20
 258          HC       3
              *

 259          KK    20MT
 260          KO       1                              21
 261          KM  COMBINE WITH MAINLINE
 262          HC       2
              *

 263          KK    10MT
 264          KM  ROUTE TO 10
 265          RK    1000   0.004    0.02            TRAP      12      25
              *

 266          KK      14
 267          KM  RUNOFF FROM 14
 268          BA    1.25
 269          LS       0    86.7
 270          UD    0.56
              *

 271          KK     13T
 272          KM  ROUTE TO 13T
 273          RK    5000   0.016   0.035            TRAP      12      50
              *

 274          KK      13
 275          KM  RUNOFF FROM 13
 276          BA    0.15
 277          LS       0    78.9
 278          UD    0.31
              *

 279          KK     13T
 280          KM  COMBINE 14,13
 281          HC       2
              *
```

1 HEC-1 INPUT PAGE 9

```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 282          KK      12
 283          KM  RUNOFF FROM 12
 284          BA    1.89
 285          LS       0    86.4
 286          UD    0.57
              *

 287          KK     12T
 288          KO       1                              21
 289          KM  COMBINE 13T,12
 290          HC       2
              *

 291          KK     11A
 292          KM  ROUTE TO 11
 293          RK    3000   0.016   0.155            TRAP      12      50
              *

 294          KK     11A
 295          KM  RUNOFF FROM 11A
 296          BA    0.37
 297          LS       0    83.6       0
 298          UD    0.28
              *

 299          KK    11AT
 300          KM  COMBINE 12T+11AT
 301          HC       2
              *

 302          KK      11
 303          KM  RUNOFF FROM 11
 304          BA    0.99
 305          LS       0    85.6
 306          UD    0.67
              *

 307          KK     11T
 308          KO       1                              21
 309          KM  COMBINE 11,11AT
 310          HC       2
              *

 311          KK     10T
 312          KM  ROUTE TO 10
 313          RK    7000   0.006   0.065            TRAP      12      50
```

```
                    *
 314                KK      10
 315                KM  RUNOFF FROM 10
 316                BA    0.96
 317                LS       0     85.7        1
 318                UD    0.65
                    *
1                                          HEC-1 INPUT                                                    PAGE 10

LINE                ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 319                KK     10T
 320                KO       1                                  21
 321                KM  COMBINE 10,11T
 322                HC       2
                    *

 323                KK    10MT
 324                KM  COMBINE WITH MAINLINE
 325                HC       2
                    *

 326                KK      ET
 327                KM  ROUTE TO E
 328                RK   13000   0.003   0.055            TRAP      12      50
                    *

 329                KK       E
 330                KM  RUNOFF FROM E
 331                BA    1.11
 332                LS       0     84.6
 333                UD    0.60
                    *

 334                KK      ET
 335                KO       1                                  21
 336                KM  COMBINE 10T,E
 337                HC       2
                    *

 338                KK       2
 339                KM  RUNOFF 2
 340                BA    1.06
 341                LS       0     87.7
 342                UD    0.96
                    *

 343                KK      1T
 344                KM  ROUTE TO 1
 345                RK    9000   0.006   0.035            TRAP      12      50
                    *

 346                KK       1
 347                KM  RUNOFF FROM 1
 348                BA    0.66
 349                LS       0     85.5
 350                UD    0.63
                    *

 351                KK      1T
 352                KM  COMBINE 1,2
 353                HC       2
                    *
1                                          HEC-1 INPUT                                                    PAGE 11

LINE                ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 354                KK       D
 355                KM  RUNOFF FROM AREA D
 356                BA    1.90
 357                LS       0     86.8
 358                UD    0.26
                    *

 359                KK      DT
 360                KO       1                                  21
 361                KM  COMBINE ET,1T,D
 362                HC       3
                    *
 363                ZZ
1
          SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE     (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.     (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   23          70
                .
                .
   34           .          80
                .           .
                .           .
   39         80T............
               V
               V
   42          G
                .
                .
   45           .           G
                .           .
                .           .
   51         GT............
```

```
                .
                .
  54            .          60
                .           .
                .           .
  60         60T............
                .
                .
  63            .          50
                .           .
                .           .
  69         50T............
               V
               V
  72         40MT
                .
                .
  75            .          44
                .           V
                .           V
  80            .         42T
                .           .
                .           .
  83            .           .          43
                .           .           V
                .           .           V
  88            .           .         42T
                .           .           .
                .           .           .
  91            .           .           .          42
                .           .           .           .
                .           .           .           .
  96            .         42T.......................
                .           V
                .           V
  99            .         41T
                .           .
                .           .
 102            .           .          41
                .           .           .
                .           .           .
 107            .         41T............
                .           V
                .           V
 110            .         40T
                .           .
                .           .
 113            .           .          40
                .           .           .
                .           .           .
 118            .         40T............
                .           .
                .           .
 121         40MT............
               V
               V
 124         F1T
                .
                .
 127            .          F1
                .           .
                .           .
 132         F1T............
               V
               V
 135         F2T
                .
                .
 138            .          F2
                .           .
                .           .
 143         F2T............
               V
               V
 146         30T
                .
                .
 149            .          30
                .           .
                .           .
 154         30T............
               V
               V
 157         F3T
                .
                .
 160            .          F3
                .           .
                .           .
 165         F3T............
               V
               V
 168         F4T
                .
                .
 171            .          F4
                .           .
                .           .
 176         F4T............
               V
               V
 179         F5T
                .
                .
 182            .          F5
                .           .
```

```
187        F5T............
             V
             V
191        F6T
             .
             .
194          .          F6
             .           .
             .           .
199        F6T............
             .
             .
202          .          25
             .           .
             .           .
207          .           .          24
             .           .           .
             .           .           .
212          .         24T............
             .           V
             .           V
215          .         23T
             .           .
             .           .
219          .           .          23
             .           .           .
             .           .           .
224          .         23T............
             .           V
             .           V
227          .         22T
             .           .
             .           .
230          .           .          22
             .           .           .
             .           .           .
235          .         22T............
             .           V
             .           V
239          .         21T
             .           .
             .           .
242          .           .          21
             .           .           V
             .           .           V
247          .           .         20T
             .           .           .
             .           .           .
250          .           .           .          20
             .           .           .           .
             .           .           .           .
255          .         20T........................
             .           .
             .           .
259        20MT............
             V
             V
263        10MT
             .
             .
266          .          14
             .           V
             .           V
271          .         13T
             .           .
             .           .
274          .           .          13
             .           .           .
             .           .           .
279          .         13T............
             .           .
             .           .
282          .           .          12
             .           .           .
             .           .           .
287          .         12T............
             .           V
             .           V
291          .         11A
             .           .
             .           .
294          .           .         11A
             .           .           .
             .           .           .
299          .        11AT............
             .           .
             .           .
302          .           .          11
             .           .           .
             .           .           .
307          .         11T............
             .           V
             .           V
311          .         10T
             .           .
             .           .
314          .           .          10
             .           .           .
             .           .           .
319          .         10T............
             .           .
             .           .
323        10MT............
             V
             V
```

```
326          ET
              .
              .
329           .           E
              .           .
              .           .
334          ET............
              .
              .
338           .           2
              .           V
              .           V
343           .          1T
              .           .
              .           .
346           .           .           1
              .           .           .
              .           .           .
351           .          1T............
              .           .
              .           .
354           .           .           D
              .           .           .
              .           .           .
359          DT........................
```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*            FEBRUARY 1981             *
*          REVISED 02 AUG 88           *
*                                      *
*  RUN DATE  03/05/2001  TIME  10:05:45 *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*  THE HYDROLOGIC ENGINEERING CENTER   *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 551-1748             *
*                                      *
****************************************
```

```
Upper Cave Creek/Apache Wash Watercourse Master Plan  File: AWFIS100.IH1
   By: ASL Consulting Engineers                    Original: 07/02/99
  For: Flood Control District of Maricopa County   Revised:

       Apache Wash Existing Condition HEC-1 Input File
   HEC-1 model from:
     1.  Jerry R. Jones & Associates, Inc.
         Apache Wash Hydrology Report
         Original model dated November 1991
         Contract FCDMC 98-66
         JJA/DEA Job No. MARI0001

Model Basis:

   100-year, 24-hr rainfall with SCS Type II distribution
   SCS Curve Number Method
   NMIN = 10
   SCS Unit Hydrograph
   Kinematic Wave channel routing
   200 Scale 2' CI mapping of study reach by Kenny Aerial Mapping Co.

22 IO          OUTPUT CONTROL VARIABLES
                     IPRNT          5  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

   IT          HYDROGRAPH TIME DATA
                      NMIN         10  MINUTES IN COMPUTATION INTERVAL
                     IDATE     1Jun90  STARTING DATE
                     ITIME       0000  STARTING TIME
                        NQ        145  NUMBER OF HYDROGRAPH ORDINATES
                    NDDATE     2   90  ENDING DATE
                    NDTIME       0000  ENDING TIME
                     ICENT         19  CENTURY MARK

                COMPUTATION INTERVAL     .17 HOURS
                     TOTAL TIME BASE   24.00 HOURS

         ENGLISH UNITS
              DRAINAGE AREA          SQUARE MILES
              PRECIPITATION DEPTH    INCHES
              LENGTH, ELEVATION      FEET
              FLOW                   CUBIC FEET PER SECOND
              STORAGE VOLUME         ACRE-FEET
              SURFACE AREA           ACRES
              TEMPERATURE            DEGREES FAHRENHEIT


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


           **************
           *            *
45 KK      *          G *
           *            *
           **************

47 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          3  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

              SUBBASIN RUNOFF DATA
```

```
48 BA          SUBBASIN CHARACTERISTICS
                    TAREA          .89  SUBBASIN AREA

               PRECIPITATION DATA

27 PB               STORM        4.60  BASIN TOTAL PRECIPITATION

28 PI            INCREMENTAL PRECIPITATION PATTERN
                    .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .01       .01       .01       .19       .19       .19       .03       .03       .03       .01
                    .01       .01       .01       .01       .01       .01       .01       .01       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .02       .02       .02
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00

49 LS          SCS LOSS RATE
                    STRTL         .35  INITIAL ABSTRACTION
                   CRVNBR       85.10  CURVE NUMBER
                    RTIMP        5.00  PERCENT IMPERVIOUS AREA

50 UD          SCS DIMENSIONLESS UNITGRAPH
                     TLAG         .35  LAG

                                                    ***

                                                UNIT HYDROGRAPH
                                            12 END-OF-PERIOD ORDINATES
             290.      891.      952.      630.      316.      174.       93.       49.       26.       14.
               8.        4.

    ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION        G

   TOTAL RAINFALL =    4.60, TOTAL LOSS =    1.51, TOTAL EXCESS =    3.09

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.00-HR
+   (CFS)       (HR)
                              (CFS)
+    1463.      6.17          245.        74.         74.         74.
                         (INCHES)      2.561       3.089       3.089       3.089
                          (AC-FT)        122.        147.        147.        147.

                       CUMULATIVE AREA =     .89 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
54 KK       *        60  *
            *            *
            **************

56 KO          OUTPUT CONTROL VARIABLES
                    IPRNT           3  PRINT CONTROL
                    IPLOT           0  PLOT CONTROL
                    QSCAL          0.  HYDROGRAPH PLOT SCALE

            SUBBASIN RUNOFF DATA

57 BA          SUBBASIN CHARACTERISTICS
                    TAREA          .59  SUBBASIN AREA

               PRECIPITATION DATA

27 PB               STORM        4.60  BASIN TOTAL PRECIPITATION

28 PI            INCREMENTAL PRECIPITATION PATTERN
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .01       .01       .01       .19       .19       .19       .03       .03       .03       .01
                    .01       .01       .01       .01       .01       .01       .01       .01       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .02       .02       .02
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00

58 LS          SCS LOSS RATE
                    STRTL         .41  INITIAL ABSTRACTION
                   CRVNBR       83.00  CURVE NUMBER
                    RTIMP        1.00  PERCENT IMPERVIOUS AREA

59 UD          SCS DIMENSIONLESS UNITGRAPH
                     TLAG         .37  LAG

                                                    ***

                                                UNIT HYDROGRAPH
                                            13 END-OF-PERIOD ORDINATES
             170.      538.      619.      445.      230.      129.       70.       39.       21.       12.
               7.        4.        1.
```

```
     ***             ***             ***             ***             ***

                    HYDROGRAPH AT STATION        60

   TOTAL RAINFALL =    4.60, TOTAL LOSS =    1.77, TOTAL EXCESS =    2.83

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.00-HR
+  (CFS)       (HR)
                                   (CFS)
+    836.      6.17                148.         45.         45.         45.
                              (INCHES)      2.331       2.832       2.832       2.832
                               (AC-FT)        73.         89.         89.         89.

                    CUMULATIVE AREA =      .59 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


          **************
          *            *
  63 KK   *        50  *
          *            *
          **************

  65 KO          OUTPUT CONTROL VARIABLES
                       IPRNT           3  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

             SUBBASIN RUNOFF DATA

  66 BA          SUBBASIN CHARACTERISTICS
                       TAREA        1.15  SUBBASIN AREA

                 PRECIPITATION DATA

  27 PB                STORM        4.60  BASIN TOTAL PRECIPITATION

  28 PI            INCREMENTAL PRECIPITATION PATTERN
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .01       .01       .01       .19       .19       .19       .03       .03       .03       .01
                     .01       .01       .01       .01       .01       .01       .01       .01       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .02       .02       .02
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00

  67 LS          SCS LOSS RATE
                       STRTL         .37  INITIAL ABSTRACTION
                      CRVNBR       84.30  CURVE NUMBER
                       RTIMP        1.50  PERCENT IMPERVIOUS AREA

  68 UD          SCS DIMENSIONLESS UNITGRAPH
                        TLAG         .85  LAG

                                                          ***

                                                   UNIT HYDROGRAPH
                                             27 END-OF-PERIOD ORDINATES
                 51.      154.      320.      497.      586.      591.      532.      447.      329.      238.
                177.      136.      101.       76.       57.       42.       31.       23.       17.       13.
                 10.        7.        6.        5.        3.        2.        1.

     ***             ***             ***             ***             ***

                    HYDROGRAPH AT STATION        60

   TOTAL RAINFALL =    4.60, TOTAL LOSS =    1.64, TOTAL EXCESS =    2.96

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.00-HR
+  (CFS)       (HR)
                                   (CFS)
+   1023.      6.67                299.         92.         92.         92.
                              (INCHES)      2.414       2.960       2.960       2.960
                               (AC-FT)       148.        182.        182.        182.

                    CUMULATIVE AREA =     1.15 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


          **************
          *            *
 187 KK   *       F5T  *
          *            *
          **************

 188 KO          OUTPUT CONTROL VARIABLES
                       IPRNT           1  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE
                       IPNCH           0  PUNCH COMPUTED HYDROGRAPH
```

```
                IOUT          21  SAVE HYDROGRAPH ON THIS UNIT
               ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
               ISAV2         145  LAST ORDINATE PUNCHED OR SAVED
              TIMINT        .167  TIME INTERVAL IN HOURS

                 COMBINE F4T+F5

190 HC        HYDROGRAPH COMBINATION
                ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE
                                                    ***
```

HYDROGRAPH AT STATION F5T
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	3576.	1		1220	75	510.	1		1830	112	221.
1		0010	2	0.	1		0620	39	5688.	1		1230	76	503.	1		1840	113	210.
1		0020	3	0.	1		0630	40	7897.	1		1240	77	497.	1		1850	114	201.
1		0030	4	0.	1		0640	41	9653.	1		1250	78	490.	1		1900	115	195.
1		0040	5	0.	1		0650	42	10259.	1		1300	79	481.	1		1910	116	191.
1		0050	6	0.	1		0700	43	9824.	1		1310	80	471.	1		1920	117	187.
1		0100	7	0.	1		0710	44	8820.	1		1320	81	463.	1		1930	118	182.
1		0110	8	0.	1		0720	45	7614.	1		1330	82	458.	1		1940	119	174.
1		0120	9	0.	1		0730	46	6431.	1		1340	83	455.	1		1950	120	164.
1		0130	10	0.	1		0740	47	5372.	1		1350	84	452.	1		2000	121	153.
1		0140	11	0.	1		0750	48	4473.	1		1400	85	448.	1		2010	122	142.
1		0150	12	0.	1		0800	49	3739.	1		1410	86	442.	1		2020	123	132.
1		0200	13	0.	1		0810	50	3151.	1		1420	87	433.	1		2030	124	121.
1		0210	14	0.	1		0820	51	2682.	1		1430	88	422.	1		2040	125	109.
1		0220	15	0.	1		0830	52	2305.	1		1440	89	426.	1		2050	126	97.
1		0230	16	1.	1		0840	53	2000.	1		1450	90	473.	1		2100	127	84.
1		0240	17	1.	1		0850	54	1749.	1		1500	91	582.	1		2110	128	71.
1		0250	18	2.	1		0900	55	1539.	1		1510	92	746.	1		2120	129	60.
1		0300	19	2.	1		0910	56	1365.	1		1520	93	910.	1		2130	130	50.
1		0310	20	2.	1		0920	57	1221.	1		1530	94	1032.	1		2140	131	41.
1		0320	21	2.	1		0930	58	1103.	1		1540	95	1119.	1		2150	132	34.
1		0330	22	2.	1		0940	59	1006.	1		1550	96	1192.	1		2200	133	29.
1		0340	23	2.	1		0950	60	927.	1		1600	97	1223.	1		2210	134	24.
1		0350	24	2.	1		1000	61	864.	1		1610	98	1181.	1		2220	135	20.
1		0400	25	3.	1		1010	62	813.	1		1620	99	1076.	1		2230	136	17.
1		0410	26	3.	1		1020	63	769.	1		1630	100	941.	1		2240	137	14.
1		0420	27	3.	1		1030	64	730.	1		1640	101	805.	1		2250	138	12.
1		0430	28	3.	1		1040	65	696.	1		1650	102	681.	1		2300	139	10.
1		0440	29	3.	1		1050	66	668.	1		1700	103	578.	1		2310	140	9.
1		0450	30	3.	1		1100	67	646.	1		1710	104	495.	1		2320	141	8.
1		0500	31	4.	1		1110	68	629.	1		1720	105	430.	1		2330	142	6.
1		0510	32	4.	1		1120	69	612.	1		1730	106	378.	1		2340	143	6.
1		0520	33	4.	1		1130	70	592.	1		1740	107	336.	1		2350	144	5.
1		0530	34	6.	1		1140	71	571.	1		1750	108	302.	2		0000	145	4.
1		0540	35	47.	1		1150	72	550.	1		1800	109	275.					
1		0550	36	310.	1		1200	73	532.	1		1810	110	253.					
1		0600	37	1530.	1		1210	74	519.	1		1820	111	236.					

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+ 10259.	6.83	(CFS)	3110.	963.	963.	963.
		(INCHES)	2.393	2.965	2.965	2.965
		(AC-FT)	1542.	1910.	1910.	1910.

CUMULATIVE AREA = 12.08 SQ MI

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215 KK          **************
                *            *
                *      23T   *
                *            *
                **************

216 KO        OUTPUT CONTROL VARIABLES
                IPRNT           1  PRINT CONTROL
                IPLOT           0  PLOT CONTROL
                QSCAL          0.  HYDROGRAPH PLOT SCALE
                IPNCH           0  PUNCH COMPUTED HYDROGRAPH
                 IOUT          21  SAVE HYDROGRAPH ON THIS UNIT
                ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
                ISAV2         145  LAST ORDINATE PUNCHED OR SAVED
               TIMINT        .167  TIME INTERVAL IN HOURS

                  ROUTE TO 23

            HYDROGRAPH ROUTING DATA

218 RK        KINEMATIC WAVE STREAM ROUTING
                  L        9500.  CHANNEL LENGTH
                  S        .0092  SLOPE
                  N         .065  CHANNEL ROUGHNESS COEFFICIENT
                 CA          .00  CONTRIBUTING AREA
              SHAPE         TRAP  CHANNEL SHAPE
                 WD         8.00  BOTTOM WIDTH OR DIAMETER
                  Z        50.00  SIDE SLOPE
              DXMIN            2  MINIMUM NUMBER OF DX INTERVALS
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***

COMPUTED KINEMATIC PARAMETERS
VARIABLE TIME STEP
(DT SHOWN IS A MINIMUM)

ELEMENT	ALPHA	M	DT (MIN)	DX (FT)	PEAK (CFS)	TIME TO PEAK (MIN)	VOLUME (IN)	MAXIMUM CELERITY (FPS)
3	.37	1.33	1.66	558.82	5901.79	406.11	3.12	5.62

CONTINUITY SUMMARY (AC-FT) - INFLOW= 718.964 EXCESS= .000 OUTFLOW= 718.346 BASIN STORAGE= .277 PERCENT ERROR= .047

INTERPOLATED TO SPECIFIED COMPUTATION INTERVAL

3	.37	1.33	10.00	5705.73	410.00	3.10

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HYDROGRAPH AT STATION 23T

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	1.	1		1220	75	204.	1		1830	112	91.
1		0010	2	0.	1		0620	39	1.	1		1230	76	192.	1		1840	113	84.
1		0020	3	0.	1		0630	40	1409.	1		1240	77	178.	1		1850	114	75.
1		0030	4	0.	1		0640	41	5519.	1		1250	78	168.	1		1900	115	68.
1		0040	5	0.	1		0650	42	5706.	1		1300	79	163.	1		1910	116	62.
1		0050	6	0.	1		0700	43	4990.	1		1310	80	163.	1		1920	117	57.
1		0100	7	0.	1		0710	44	4062.	1		1320	81	168.	1		1930	118	54.
1		0110	8	0.	1		0720	45	3218.	1		1330	82	178.	1		1940	119	54.
1		0120	9	0.	1		0730	46	2538.	1		1340	83	186.	1		1950	120	57.
1		0130	10	0.	1		0740	47	2012.	1		1350	84	183.	1		2000	121	62.
1		0140	11	0.	1		0750	48	1609.	1		1400	85	172.	1		2010	122	70.
1		0150	12	0.	1		0800	49	1304.	1		1410	86	159.	1		2020	123	77.
1		0200	13	0.	1		0810	50	1078.	1		1420	87	150.	1		2030	124	77.
1		0210	14	0.	1		0820	51	910.	1		1430	88	147.	1		2040	125	69.
1		0220	15	0.	1		0830	52	778.	1		1440	89	150.	1		2050	126	58.
1		0230	16	0.	1		0840	53	670.	1		1450	90	154.	1		2100	127	48.
1		0240	17	0.	1		0850	54	582.	1		1500	91	158.	1		2110	128	39.
1		0250	18	0.	1		0900	55	513.	1		1510	92	158.	1		2120	129	32.
1		0300	19	0.	1		0910	56	459.	1		1520	93	157.	1		2130	130	26.
1		0310	20	0.	1		0920	57	417.	1		1530	94	162.	1		2140	131	21.
1		0320	21	0.	1		0930	58	381.	1		1540	95	230.	1		2150	132	18.
1		0330	22	0.	1		0940	59	349.	1		1550	96	568.	1		2200	133	15.
1		0340	23	0.	1		0950	60	320.	1		1600	97	727.	1		2210	134	12.
1		0350	24	0.	1		1000	61	294.	1		1610	98	667.	1		2220	135	10.
1		0400	25	0.	1		1010	62	273.	1		1620	99	556.	1		2230	136	9.
1		0410	26	0.	1		1020	63	259.	1		1630	100	445.	1		2240	137	7.
1		0420	27	0.	1		1030	64	249.	1		1640	101	352.	1		2250	138	6.
1		0430	28	0.	1		1040	65	244.	1		1650	102	279.	1		2300	139	5.
1		0440	29	0.	1		1050	66	243.	1		1700	103	223.	1		2310	140	5.
1		0450	30	0.	1		1100	67	245.	1		1710	104	181.	1		2320	141	4.
1		0500	31	0.	1		1110	68	243.	1		1720	105	150.	1		2330	142	3.
1		0510	32	0.	1		1120	69	232.	1		1730	106	128.	1		2340	143	3.
1		0520	33	0.	1		1130	70	216.	1		1740	107	114.	1		2350	144	3.
1		0530	34	0.	1		1140	71	204.	1		1750	108	106.	2		0000	145	2.
1		0540	35	0.	1		1150	72	199.	1		1800	109	101.					
1		0550	36	0.	1		1200	73	203.	1		1810	110	99.					
1		0600	37	0.	1		1210	74	209.	1		1820	111	96.					

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+ 5706.	6.83	(CFS)	1173.	360.	360.	360.
		(INCHES)	2.525	3.096	3.096	3.096
		(AC-FT)	582.	713.	713.	713.

CUMULATIVE AREA = 4.32 SQ MI

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            **************
            *            *
235 KK      *     22T    *
            *            *
            **************

236 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .167  TIME INTERVAL IN HOURS

                        COMBINE 22,23T

238 HC          HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION 22T
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	646.	1		1220	75	315.	1		1830	112	169.
1		0010	2	0.	1		0620	39	712.	1		1230	76	299.	1		1840	113	153.
1		0020	3	0.	1		0630	40	619.	1		1240	77	288.	1		1850	114	142.
1		0030	4	0.	1		0640	41	1726.	1		1250	78	287.	1		1900	115	135.
1		0040	5	0.	1		0650	42	2707.	1		1300	79	290.	1		1910	116	131.
1		0050	6	0.	1		0700	43	5174.	1		1310	80	289.	1		1920	117	127.
1		0100	7	0.	1		0710	44	7213.	1		1320	81	282.	1		1930	118	122.
1		0110	8	0.	1		0720	45	6473.	1		1330	82	273.	1		1940	119	116.
1		0120	9	0.	1		0730	46	5463.	1		1340	83	263.	1		1950	120	109.
1		0130	10	0.	1		0740	47	4489.	1		1350	84	253.	1		2000	121	103.
1		0140	11	0.	1		0750	48	3658.	1		1400	85	245.	1		2010	122	98.
1		0150	12	0.	1		0800	49	2991.	1		1410	86	243.	1		2020	123	93.
1		0200	13	0.	1		0810	50	2465.	1		1420	87	247.	1		2030	124	86.
1		0210	14	0.	1		0820	51	2049.	1		1430	88	257.	1		2040	125	78.
1		0220	15	0.	1		0830	52	1719.	1		1440	89	265.	1		2050	126	72.
1		0230	16	0.	1		0840	53	1460.	1		1450	90	278.	1		2100	127	68.
1		0240	17	0.	1		0850	54	1256.	1		1500	91	296.	1		2110	128	67.
1		0250	18	0.	1		0900	55	1093.	1		1510	92	305.	1		2120	129	70.
1		0300	19	0.	1		0910	56	960.	1		1520	93	295.	1		2130	130	77.
1		0310	20	0.	1		0920	57	850.	1		1530	94	278.	1		2140	131	79.
1		0320	21	0.	1		0930	58	759.	1		1540	95	300.	1		2150	132	73.
1		0330	22	0.	1		0940	59	683.	1		1550	96	396.	1		2200	133	65.
1		0340	23	0.	1		0950	60	621.	1		1600	97	462.	1		2210	134	57.
1		0350	24	0.	1		1000	61	572.	1		1610	98	450.	1		2220	135	50.
1		0400	25	0.	1		1010	62	531.	1		1620	99	423.	1		2230	136	43.
1		0410	26	0.	1		1020	63	495.	1		1630	100	566.	1		2240	137	38.
1		0420	27	0.	1		1030	64	462.	1		1640	101	813.	1		2250	138	33.
1		0430	28	0.	1		1040	65	433.	1		1650	102	750.	1		2300	139	29.
1		0440	29	0.	1		1050	66	411.	1		1700	103	650.	1		2310	140	25.
1		0450	30	0.	1		1100	67	392.	1		1710	104	552.	1		2320	141	22.
1		0500	31	0.	1		1110	68	376.	1		1720	105	466.	1		2330	142	19.
1		0510	32	0.	1		1120	69	359.	1		1730	106	394.	1		2340	143	17.
1		0520	33	1.	1		1130	70	346.	1		1740	107	335.	1		2350	144	15.
1		0530	34	2.	1		1140	71	341.	1		1750	108	287.	2		0000	145	13.
1		0540	35	36.	1		1150	72	343.	1		1800	109	247.					
1		0550	36	168.	1		1200	73	343.	1		1810	110	215.					
1		0600	37	412.	1		1210	74	333.	1		1820	111	189.					

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+		(CFS)				
+ 7213.	7.17		1701.	540.	540.	540.
		(INCHES)	2.418	3.072	3.072	3.072
		(AC-FT)	843.	1071.	1071.	1071.

CUMULATIVE AREA = 6.54 SQ MI

*** ***

```
255 KK      **************
            *            *
            *     20T    *
            *            *
            **************

256 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .167  TIME INTERVAL IN HOURS

                       COMBINE 21,22T,20

258 HC          HYDROGRAPH COMBINATION
                     ICOMP          3  NUMBER OF HYDROGRAPHS TO COMBINE
                                                    ***
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HYDROGRAPH AT STATION 20T
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	582.	1		1220	75	410.	1		1830	112	412.
1		0010	2	0.	1		0620	39	751.	1		1230	76	398.	1		1840	113	364.
1		0020	3	0.	1		0630	40	785.	1		1240	77	392.	1		1850	114	323.
1		0030	4	0.	1		0640	41	1027.	1		1250	78	391.	1		1900	115	289.
1		0040	5	0.	1		0650	42	1071.	1		1300	79	389.	1		1910	116	259.
1		0050	6	0.	1		0700	43	993.	1		1310	80	378.	1		1920	117	233.
1		0100	7	0.	1		0710	44	1388.	1		1320	81	361.	1		1930	118	209.
1		0110	8	0.	1		0720	45	1947.	1		1330	82	347.	1		1940	119	188.

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0120	9	0.	*	1	0730	46	5004.	*	1	1340	83	336.	*	1	1950	120	172.	
1	0130	10	0.	*	1	0740	47	7534.	*	1	1350	84	332.	*	1	2000	121	159.	
1	0140	11	0.	*	1	0750	48	6751.	*	1	1400	85	333.	*	1	2010	122	150.	
1	0150	12	0.	*	1	0800	49	5803.	*	1	1410	86	333.	*	1	2020	123	145.	
1	0200	13	0.	*	1	0810	50	4911.	*	1	1420	87	327.	*	1	2030	124	140.	
1	0210	14	0.	*	1	0820	51	4135.	*	1	1430	88	317.	*	1	2040	125	135.	
1	0220	15	0.	*	1	0830	52	3486.	*	1	1440	89	310.	*	1	2050	126	129.	
1	0230	16	0.	*	1	0840	53	2951.	*	1	1450	90	316.	*	1	2100	127	122.	
1	0240	17	0.	*	1	0850	54	2513.	*	1	1500	91	336.	*	1	2110	128	115.	
1	0250	18	0.	*	1	0900	55	2153.	*	1	1510	92	357.	*	1	2120	129	109.	
1	0300	19	0.	*	1	0910	56	1858.	*	1	1520	93	369.	*	1	2130	130	103.	
1	0310	20	0.	*	1	0920	57	1618.	*	1	1530	94	366.	*	1	2140	131	98.	
1	0320	21	0.	*	1	0930	58	1422.	*	1	1540	95	360.	*	1	2150	132	92.	
1	0330	22	0.	*	1	0940	59	1260.	*	1	1550	96	369.	*	1	2200	133	86.	
1	0340	23	0.	*	1	0950	60	1125.	*	1	1600	97	396.	*	1	2210	134	79.	
1	0350	24	0.	*	1	1000	61	1012.	*	1	1610	98	406.	*	1	2220	135	74.	
1	0400	25	0.	*	1	1010	62	915.	*	1	1620	99	389.	*	1	2230	136	70.	
1	0410	26	0.	*	1	1020	63	831.	*	1	1630	100	363.	*	1	2240	137	69.	
1	0420	27	0.	*	1	1030	64	759.	*	1	1640	101	366.	*	1	2250	138	71.	
1	0430	28	0.	*	1	1040	65	699.	*	1	1650	102	447.	*	1	2300	139	77.	
1	0440	29	0.	*	1	1050	66	649.	*	1	1700	103	500.	*	1	2310	140	78.	
1	0450	30	0.	*	1	1100	67	609.	*	1	1710	104	483.	*	1	2320	141	73.	
1	0500	31	0.	*	1	1110	68	574.	*	1	1720	105	527.	*	1	2330	142	67.	
1	0510	32	0.	*	1	1120	69	541.	*	1	1730	106	810.	*	1	2340	143	61.	
1	0520	33	0.	*	1	1130	70	510.	*	1	1740	107	776.	*	1	2350	144	55.	
1	0530	34	0.	*	1	1140	71	481.	*	1	1750	108	690.	*	2	0000	145	50.	
1	0540	35	23.	*	1	1150	72	458.	*	1	1800	109	607.	*					
1	0550	36	119.	*	1	1200	73	440.	*	1	1810	110	533.	*					
1	0600	37	328.	*	1	1210	74	424.	*	1	1820	111	468.	*					

****

PEAK FLOW (CFS)	TIME (HR)		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	24.00-HR
+		(CFS)				
+ 7534.	7.67		1930.	631.	631.	631.
		(INCHES)	2.322	3.036	3.036	3.036
		(AC-FT)	957.	1252.	1252.	1252.

CUMULATIVE AREA = 7.73 SQ MI

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              **************
              *            *
259 KK        *    20MT    *
              *            *
              **************
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260 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                        COMBINE WITH MAINLINE

262 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION 20MT
SUM OF 2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0000	1	0.	*	1	0610	38	3441.	*	1	1220	75	949.	*	1	1830	112	658.	
1	0010	2	0.	*	1	0620	39	5892.	*	1	1230	76	929.	*	1	1840	113	596.	
1	0020	3	0.	*	1	0630	40	8028.	*	1	1240	77	917.	*	1	1850	114	544.	
1	0030	4	0.	*	1	0640	41	10176.	*	1	1250	78	908.	*	1	1900	115	501.	
1	0040	5	0.	*	1	0650	42	11292.	*	1	1300	79	895.	*	1	1910	116	465.	
1	0050	6	0.	*	1	0700	43	11191.	*	1	1310	80	874.	*	1	1920	117	431.	
1	0100	7	0.	*	1	0710	44	10811.	*	1	1320	81	849.	*	1	1930	118	401.	
1	0110	8	0.	*	1	0720	45	10252.	*	1	1330	82	827.	*	1	1940	119	373.	
1	0120	9	0.	*	1	0730	46	12121.	*	1	1340	83	812.	*	1	1950	120	349.	
1	0130	10	0.	*	1	0740	47	13541.	*	1	1350	84	805.	*	1	2000	121	327.	
1	0140	11	0.	*	1	0750	48	11784.	*	1	1400	85	803.	*	1	2010	122	307.	
1	0150	12	0.	*	1	0800	49	10020.	*	1	1410	86	798.	*	1	2020	123	291.	
1	0200	13	0.	*	1	0810	50	8465.	*	1	1420	87	784.	*	1	2030	124	276.	
1	0210	14	0.	*	1	0820	51	7156.	*	1	1430	88	763.	*	1	2040	125	260.	
1	0220	15	0.	*	1	0830	52	6079.	*	1	1440	89	756.	*	1	2050	126	243.	
1	0230	16	0.	*	1	0840	53	5197.	*	1	1450	90	798.	*	1	2100	127	225.	
1	0240	17	0.	*	1	0850	54	4472.	*	1	1500	91	899.	*	1	2110	128	206.	
1	0250	18	0.	*	1	0900	55	3875.	*	1	1510	92	1047.	*	1	2120	129	188.	
1	0300	19	0.	*	1	0910	56	3382.	*	1	1520	93	1211.	*	1	2130	130	171.	
1	0310	20	0.	*	1	0920	57	2978.	*	1	1530	94	1346.	*	1	2140	131	155.	
1	0320	21	0.	*	1	0930	58	2646.	*	1	1540	95	1439.	*	1	2150	132	140.	
1	0330	22	1.	*	1	0940	59	2372.	*	1	1550	96	1524.	*	1	2200	133	126.	
1	0340	23	1.	*	1	0950	60	2145.	*	1	1600	97	1608.	*	1	2210	134	114.	
1	0350	24	2.	*	1	1000	61	1957.	*	1	1610	98	1631.	*	1	2220	135	103.	
1	0400	25	2.	*	1	1010	62	1799.	*	1	1620	99	1558.	*	1	2230	136	95.	
1	0410	26	2.	*	1	1020	63	1663.	*	1	1630	100	1425.	*	1	2240	137	90.	

1	0420	27	2.	*	1	1030	64	1546.	*	1	1640	101	1297.	*	1	2250	138	89.
1	0430	28	2.	*	1	1040	65	1446.	*	1	1650	102	1248.	*	1	2300	139	92.
1	0440	29	3.	*	1	1050	66	1365.	*	1	1700	103	1184.	*	1	2310	140	91.
1	0450	30	3.	*	1	1100	67	1299.	*	1	1710	104	1069.	*	1	2320	141	85.
1	0500	31	3.	*	1	1110	68	1243.	*	1	1720	105	1033.	*	1	2330	142	77.
1	0510	32	3.	*	1	1120	69	1191.	*	1	1730	106	1250.	*	1	2340	143	69.
1	0520	33	3.	*	1	1130	70	1139.	*	1	1740	107	1165.	*	1	2350	144	62.
1	0530	34	4.	*	1	1140	71	1090.	*	1	1750	108	1037.	*	2	0000	145	56.
1	0540	35	79.	*	1	1150	72	1046.	*	1	1800	109	920.	*				
1	0550	36	372.	*	1	1200	73	1007.	*	1	1810	110	818.	*				
1	0600	37	1156.	*	1	1210	74	975.	*	1	1820	111	731.	*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+ (CFS)	(HR)	(CFS)				
+ 13541.	7.67		5144.	1631.	1631.	1631.
		(INCHES)	2.356	2.988	2.988	2.988
		(AC-FT)	2551.	3235.	3235.	3235.

CUMULATIVE AREA = 20.30 SQ MI

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              **************
              *            *
287 KK        *     12T    *
              *            *
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288 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                        COMBINE 13T,12

290 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION 12T
SUM OF 2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		0610	38	2766.	*	1		1220	75	128.	*	1		1830	112	44.
1		0010	2	0.	*	1		0620	39	3808.	*	1		1230	76	132.	*	1		1840	113	45.
1		0020	3	0.	*	1		0630	40	4049.	*	1		1240	77	136.	*	1		1850	114	48.
1		0030	4	0.	*	1		0640	41	3653.	*	1		1250	78	137.	*	1		1900	115	52.
1		0040	5	0.	*	1		0650	42	2974.	*	1		1300	79	134.	*	1		1910	116	55.
1		0050	6	0.	*	1		0700	43	2290.	*	1		1310	80	127.	*	1		1920	117	55.
1		0100	7	0.	*	1		0710	44	1761.	*	1		1320	81	120.	*	1		1930	118	49.
1		0110	8	0.	*	1		0720	45	1366.	*	1		1330	82	116.	*	1		1940	119	42.
1		0120	9	0.	*	1		0730	46	1069.	*	1		1340	83	115.	*	1		1950	120	32.
1		0130	10	0.	*	1		0740	47	856.	*	1		1350	84	117.	*	1		2000	121	24.
1		0140	11	0.	*	1		0750	48	703.	*	1		1400	85	119.	*	1		2010	122	17.
1		0150	12	0.	*	1		0800	49	585.	*	1		1410	86	120.	*	1		2020	123	12.
1		0200	13	0.	*	1		0810	50	494.	*	1		1420	87	117.	*	1		2030	124	9.
1		0210	14	0.	*	1		0820	51	425.	*	1		1430	88	112.	*	1		2040	125	6.
1		0220	15	0.	*	1		0830	52	372.	*	1		1440	89	122.	*	1		2050	126	5.
1		0230	16	0.	*	1		0840	53	331.	*	1		1450	90	171.	*	1		2100	127	3.
1		0240	17	0.	*	1		0850	54	296.	*	1		1500	91	271.	*	1		2110	128	2.
1		0250	18	0.	*	1		0900	55	265.	*	1		1510	92	389.	*	1		2120	129	2.
1		0300	19	0.	*	1		0910	56	240.	*	1		1520	93	480.	*	1		2130	130	1.
1		0310	20	0.	*	1		0920	57	220.	*	1		1530	94	488.	*	1		2140	131	1.
1		0320	21	0.	*	1		0930	58	205.	*	1		1540	95	425.	*	1		2150	132	1.
1		0330	22	0.	*	1		0940	59	195.	*	1		1550	96	335.	*	1		2200	133	1.
1		0340	23	0.	*	1		0950	60	190.	*	1		1600	97	251.	*	1		2210	134	0.
1		0350	24	0.	*	1		1000	61	188.	*	1		1610	98	188.	*	1		2220	135	0.
1		0400	25	0.	*	1		1010	62	187.	*	1		1620	99	143.	*	1		2230	136	0.
1		0410	26	0.	*	1		1020	63	183.	*	1		1630	100	115.	*	1		2240	137	0.
1		0420	27	0.	*	1		1030	64	175.	*	1		1640	101	97.	*	1		2250	138	0.
1		0430	28	0.	*	1		1040	65	166.	*	1		1650	102	87.	*	1		2300	139	0.
1		0440	29	0.	*	1		1050	66	159.	*	1		1700	103	82.	*	1		2310	140	0.
1		0450	30	0.	*	1		1100	67	156.	*	1		1710	104	77.	*	1		2320	141	0.
1		0500	31	0.	*	1		1110	68	156.	*	1		1720	105	73.	*	1		2330	142	0.
1		0510	32	0.	*	1		1120	69	156.	*	1		1730	106	67.	*	1		2340	143	0.
1		0520	33	1.	*	1		1130	70	151.	*	1		1740	107	61.	*	1		2350	144	0.
1		0530	34	4.	*	1		1140	71	144.	*	1		1750	108	55.	*	2		0000	145	0.
1		0540	35	101.	*	1		1150	72	136.	*	1		1800	109	49.	*					
1		0550	36	468.	*	1		1200	73	130.	*	1		1810	110	45.	*					
1		0600	37	1371.	*	1		1210	74	127.	*	1		1820	111	44.	*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+ (CFS)	(HR)	(CFS)				

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+    4049.      6.50                    910.        275.        275.        275.
                          (INCHES)     2.571       3.111       3.111       3.111
                           (AC-FT)      451.        546.        546.        546.

                        CUMULATIVE AREA =    3.29 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
 307 KK     *      11T   *
            *            *
            **************

 308 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           1  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE
                      IPNCH           0  PUNCH COMPUTED HYDROGRAPH
                       IOUT          21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2         145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT        .167  TIME INTERVAL IN HOURS

                         COMBINE 11,11AT

 310 HC          HYDROGRAPH COMBINATION
                      ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE

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                                                  HYDROGRAPH AT STATION      11T
                                                       SUM OF  2 HYDROGRAPHS
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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	1419.	1		1220	75	191.	1		1830	112	73.
1		0010	2	0.	1		0620	39	3232.	1		1230	76	187.	1		1840	113	69.
1		0020	3	0.	1		0630	40	4774.	1		1240	77	184.	1		1850	114	67.
1		0030	4	0.	1		0640	41	5232.	1		1250	78	183.	1		1900	115	67.
1		0040	5	0.	1		0650	42	4845.	1		1300	79	183.	1		1910	116	67.
1		0050	6	0.	1		0700	43	4081.	1		1310	80	184.	1		1920	117	66.
1		0100	7	0.	1		0710	44	3272.	1		1320	81	185.	1		1930	118	65.
1		0110	8	0.	1		0720	45	2585.	1		1330	82	181.	1		1940	119	65.
1		0120	9	0.	1		0730	46	2050.	1		1340	83	176.	1		1950	120	64.
1		0130	10	0.	1		0740	47	1640.	1		1350	84	170.	1		2000	121	60.
1		0140	11	0.	1		0750	48	1326.	1		1400	85	167.	1		2010	122	54.
1		0150	12	0.	1		0800	49	1091.	1		1410	86	164.	1		2020	123	46.
1		0200	13	0.	1		0810	50	914.	1		1420	87	162.	1		2030	124	38.
1		0210	14	0.	1		0820	51	777.	1		1430	88	161.	1		2040	125	31.
1		0220	15	0.	1		0830	52	668.	1		1440	89	177.	1		2050	126	24.
1		0230	16	0.	1		0840	53	583.	1		1450	90	220.	1		2100	127	20.
1		0240	17	0.	1		0850	54	514.	1		1500	91	271.	1		2110	128	16.
1		0250	18	0.	1		0900	55	459.	1		1510	92	314.	1		2120	129	12.
1		0300	19	0.	1		0910	56	413.	1		1520	93	373.	1		2130	130	10.
1		0310	20	0.	1		0920	57	374.	1		1530	94	491.	1		2140	131	8.
1		0320	21	0.	1		0930	58	340.	1		1540	95	594.	1		2150	132	7.
1		0330	22	0.	1		0940	59	314.	1		1550	96	600.	1		2200	133	5.
1		0340	23	0.	1		0950	60	295.	1		1600	97	530.	1		2210	134	4.
1		0350	24	0.	1		1000	61	281.	1		1610	98	437.	1		2220	135	4.
1		0400	25	0.	1		1010	62	271.	1		1620	99	351.	1		2230	136	3.
1		0410	26	0.	1		1020	63	263.	1		1630	100	279.	1		2240	137	2.
1		0420	27	0.	1		1030	64	256.	1		1640	101	225.	1		2250	138	2.
1		0430	28	0.	1		1040	65	252.	1		1650	102	185.	1		2300	139	2.
1		0440	29	0.	1		1050	66	247.	1		1700	103	156.	1		2310	140	1.
1		0450	30	0.	1		1100	67	240.	1		1710	104	136.	1		2320	141	1.
1		0500	31	0.	1		1110	68	231.	1		1720	105	122.	1		2330	142	1.
1		0510	32	0.	1		1120	69	222.	1		1730	106	111.	1		2340	143	1.
1		0520	33	0.	1		1130	70	215.	1		1740	107	103.	1		2350	144	1.
1		0530	34	1.	1		1140	71	212.	1		1750	108	97.	2		0000	145	1.
1		0540	35	89.	1		1150	72	209.	1		1800	109	90.					
1		0550	36	390.	1		1200	73	203.	1		1810	110	84.					
1		0600	37	894.	1		1210	74	196.	1		1820	111	78.					

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  PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR        24-HR       72-HR      24.00-HR
+   (CFS)        (HR)
                           (CFS)
+    5232.       6.67                1253.        384.        384.        384.
                          (INCHES)     2.505       3.073       3.073       3.073
                           (AC-FT)      621.        762.        762.        762.

                        CUMULATIVE AREA =    4.65 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
 319 KK     *      10T   *
            *            *
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320 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                         COMBINE 10,11T

322 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION 10T
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	721.	1		1220	75	254.	1		1830	112	126.
1		0010	2	0.	1		0620	39	994.	1		1230	76	251.	1		1840	113	119.
1		0020	3	0.	1		0630	40	1094.	1		1240	77	250.	1		1850	114	113.
1		0030	4	0.	1		0640	41	2047.	1		1250	78	245.	1		1900	115	109.
1		0040	5	0.	1		0650	42	4806.	1		1300	79	237.	1		1910	116	104.
1		0050	6	0.	1		0700	43	5763.	1		1310	80	229.	1		1920	117	98.
1		0100	7	0.	1		0710	44	5524.	1		1320	81	223.	1		1930	118	91.
1		0110	8	0.	1		0720	45	4837.	1		1330	82	219.	1		1940	119	84.
1		0120	9	0.	1		0730	46	4050.	1		1340	83	217.	1		1950	120	78.
1		0130	10	0.	1		0740	47	3323.	1		1350	84	217.	1		2000	121	74.
1		0140	11	0.	1		0750	48	2716.	1		1400	85	218.	1		2010	122	71.
1		0150	12	0.	1		0800	49	2230.	1		1410	86	220.	1		2020	123	70.
1		0200	13	0.	1		0810	50	1845.	1		1420	87	217.	1		2030	124	68.
1		0210	14	0.	1		0820	51	1541.	1		1430	88	211.	1		2040	125	66.
1		0220	15	0.	1		0830	52	1301.	1		1440	89	208.	1		2050	126	66.
1		0230	16	0.	1		0840	53	1113.	1		1450	90	218.	1		2100	127	65.
1		0240	17	0.	1		0850	54	963.	1		1500	91	246.	1		2110	128	61.
1		0250	18	0.	1		0900	55	840.	1		1510	92	278.	1		2120	129	56.
1		0300	19	0.	1		0910	56	738.	1		1520	93	300.	1		2130	130	50.
1		0310	20	0.	1		0920	57	655.	1		1530	94	310.	1		2140	131	44.
1		0320	21	0.	1		0930	58	587.	1		1540	95	331.	1		2150	132	38.
1		0330	22	0.	1		0940	59	533.	1		1550	96	367.	1		2200	133	33.
1		0340	23	0.	1		0950	60	487.	1		1600	97	405.	1		2210	134	29.
1		0350	24	0.	1		1000	61	448.	1		1610	98	500.	1		2220	135	25.
1		0400	25	0.	1		1010	62	415.	1		1620	99	622.	1		2230	136	21.
1		0410	26	0.	1		1020	63	386.	1		1630	100	632.	1		2240	137	19.
1		0420	27	0.	1		1030	64	361.	1		1640	101	567.	1		2250	138	16.
1		0430	28	0.	1		1040	65	341.	1		1650	102	489.	1		2300	139	14.
1		0440	29	0.	1		1050	66	327.	1		1700	103	416.	1		2310	140	12.
1		0450	30	1.	1		1100	67	316.	1		1710	104	352.	1		2320	141	11.
1		0500	31	1.	1		1110	68	308.	1		1720	105	298.	1		2330	142	9.
1		0510	32	1.	1		1120	69	302.	1		1730	106	253.	1		2340	143	8.
1		0520	33	1.	1		1130	70	296.	1		1740	107	217.	1		2350	144	7.
1		0530	34	2.	1		1140	71	288.	1		1750	108	188.	2		0000	145	6.
1		0540	35	33.	1		1150	72	279.	1		1800	109	166.					
1		0550	36	145.	1		1200	73	269.	1		1810	110	149.					
1		0600	37	395.	1		1210	74	260.	1		1820	111	135.					

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  PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR        24-HR        72-HR      24.00-HR
+   (CFS)        (HR)
                                    (CFS)
+    5763.       7.00                1475.         462.         462.         462.
                              (INCHES)  2.445       3.066        3.066        3.066
                               (AC-FT)   731.         917.         917.         917.

                          CUMULATIVE AREA =    5.61 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
334 KK      *        ET  *
            *            *
            **************

335 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                         COMBINE 10T,E

337 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION ET
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	900.	1		1220	75	1602.	1		1830	112	1385.
1		0010	2	0.	1		0620	39	1199.	1		1230	76	1548.	1		1840	113	1457.
1		0020	3	0.	1		0630	40	1262.	1		1240	77	1495.	1		1850	114	1421.
1		0030	4	0.	1		0640	41	1140.	1		1250	78	1442.	1		1900	115	1309.
1		0040	5	0.	1		0650	42	930.	1		1300	79	1389.	1		1910	116	1192.
1		0050	6	0.	1		0700	43	712.	1		1310	80	1339.	1		1920	117	1084.
1		0100	7	0.	1		0710	44	3669.	1		1320	81	1295.	1		1930	118	986.
1		0110	8	0.	1		0720	45	11607.	1		1330	82	1259.	1		1940	119	900.
1		0120	9	0.	1		0730	46	16409.	1		1340	83	1233.	1		1950	120	824.
1		0130	10	0.	1		0740	47	17136.	1		1350	84	1215.	1		2000	121	759.
1		0140	11	0.	1		0750	48	16426.	1		1400	85	1201.	1		2010	122	704.
1		0150	12	0.	1		0800	49	15444.	1		1410	86	1185.	1		2020	123	656.
1		0200	13	0.	1		0810	50	16269.	1		1420	87	1162.	1		2030	124	614.
1		0210	14	0.	1		0820	51	16577.	1		1430	88	1131.	1		2040	125	577.
1		0220	15	0.	1		0830	52	14688.	1		1440	89	1107.	1		2050	126	542.
1		0230	16	0.	1		0840	53	12771.	1		1450	90	1104.	1		2100	127	509.
1		0240	17	0.	1		0850	54	11071.	1		1500	91	1131.	1		2110	128	478.
1		0250	18	0.	1		0900	55	9605.	1		1510	92	1167.	1		2120	129	450.
1		0300	19	0.	1		0910	56	8353.	1		1520	93	1189.	1		2130	130	424.
1		0310	20	0.	1		0920	57	7293.	1		1530	94	1176.	1		2140	131	402.
1		0320	21	0.	1		0930	58	6401.	1		1540	95	1131.	1		2150	132	382.
1		0330	22	0.	1		0940	59	5649.	1		1550	96	1078.	1		2200	133	365.
1		0340	23	0.	1		0950	60	5011.	1		1600	97	1052.	1		2210	134	350.
1		0350	24	0.	1		1000	61	4469.	1		1610	98	1104.	1		2220	135	335.
1		0400	25	0.	1		1010	62	4008.	1		1620	99	1270.	1		2230	136	320.
1		0410	26	0.	1		1020	63	3614.	1		1630	100	1495.	1		2240	137	304.
1		0420	27	0.	1		1030	64	3276.	1		1640	101	1676.	1		2250	138	287.
1		0430	28	0.	1		1040	65	2988.	1		1650	102	1815.	1		2300	139	268.
1		0440	29	0.	1		1050	66	2742.	1		1700	103	1951.	1		2310	140	249.
1		0450	30	0.	1		1100	67	2533.	1		1710	104	2088.	1		2320	141	231.
1		0500	31	0.	1		1110	68	2353.	1		1720	105	2187.	1		2330	142	214.
1		0510	32	0.	1		1120	69	2195.	1		1730	106	2148.	1		2340	143	198.
1		0520	33	0.	1		1130	70	2054.	1		1740	107	2007.	1		2350	144	182.
1		0530	34	1.	1		1140	71	1930.	1		1750	108	1856.	2		0000	145	168.
1		0540	35	37.	1		1150	72	1823.	1		1800	109	1733.					
1		0550	36	181.	1		1200	73	1734.	1		1810	110	1609.					
1		0600	37	501.	1		1210	74	1662.	1		1820	111	1474.					

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+		(CFS)				
+ 17136.	7.67		6636.	2167.	2167.	2167.
		(INCHES)	2.283	2.983	2.983	2.983
		(AC-FT)	3291.	4299.	4299.	4299.

CUMULATIVE AREA = 27.02 SQ MI

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              **************
              *            *
359 KK        *        DT  *
              *            *
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360 KO            OUTPUT CONTROL VARIABLES
                        IPRNT          1  PRINT CONTROL
                        IPLOT          0  PLOT CONTROL
                        QSCAL         0.  HYDROGRAPH PLOT SCALE
                        IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                         IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                        ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                        ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                       TIMINT       .167  TIME INTERVAL IN HOURS

                          COMBINE ET,1T,D

362 HC            HYDROGRAPH COMBINATION
                        ICOMP          3  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION DT
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	5040.	1		1220	75	1764.	1		1830	112	1455.
1		0010	2	0.	1		0620	39	4423.	1		1230	76	1716.	1		1840	113	1528.
1		0020	3	0.	1		0630	40	3597.	1		1240	77	1658.	1		1850	114	1495.
1		0030	4	0.	1		0640	41	2959.	1		1250	78	1589.	1		1900	115	1385.
1		0040	5	0.	1		0650	42	2707.	1		1300	79	1523.	1		1910	116	1261.
1		0050	6	0.	1		0700	43	2470.	1		1310	80	1468.	1		1920	117	1136.
1		0100	7	0.	1		0710	44	5358.	1		1320	81	1427.	1		1930	118	1024.
1		0110	8	0.	1		0720	45	13179.	1		1330	82	1395.	1		1940	119	929.
1		0120	9	0.	1		0730	46	17843.	1		1340	83	1371.	1		1950	120	849.
1		0130	10	0.	1		0740	47	18413.	1		1350	84	1355.	1		2000	121	781.

1	0140	11	0.	*	1	0750	48	17529.	*	1	1400	85	1342.	*	1	2010	122	723.
1	0150	12	0.	*	1	0800	49	16388.	*	1	1410	86	1320.	*	1	2020	123	675.
1	0200	13	0.	*	1	0810	50	17086.	*	1	1420	87	1284.	*	1	2030	124	633.
1	0210	14	0.	*	1	0820	51	17290.	*	1	1430	88	1243.	*	1	2040	125	595.
1	0220	15	0.	*	1	0830	52	15318.	*	1	1440	89	1296.	*	1	2050	126	559.
1	0230	16	0.	*	1	0840	53	13326.	*	1	1450	90	1481.	*	1	2100	127	525.
1	0240	17	0.	*	1	0850	54	11557.	*	1	1500	91	1659.	*	1	2110	128	493.
1	0250	18	0.	*	1	0900	55	10033.	*	1	1510	92	1697.	*	1	2120	129	463.
1	0300	19	0.	*	1	0910	56	8737.	*	1	1520	93	1584.	*	1	2130	130	435.
1	0310	20	0.	*	1	0920	57	7643.	*	1	1530	94	1454.	*	1	2140	131	412.
1	0320	21	0.	*	1	0930	58	6724.	*	1	1540	95	1342.	*	1	2150	132	391.
1	0330	22	0.	*	1	0940	59	5950.	*	1	1550	96	1244.	*	1	2200	133	373.
1	0340	23	0.	*	1	0950	60	5299.	*	1	1600	97	1201.	*	1	2210	134	356.
1	0350	24	0.	*	1	1000	61	4745.	*	1	1610	98	1265.	*	1	2220	135	340.
1	0400	25	0.	*	1	1010	62	4265.	*	1	1620	99	1449.	*	1	2230	136	324.
1	0410	26	0.	*	1	1020	63	3845.	*	1	1630	100	1679.	*	1	2240	137	308.
1	0420	27	0.	*	1	1030	64	3486.	*	1	1640	101	1854.	*	1	2250	138	290.
1	0430	28	0.	*	1	1040	65	3189.	*	1	1650	102	1983.	*	1	2300	139	271.
1	0440	29	0.	*	1	1050	66	2946.	*	1	1700	103	2107.	*	1	2310	140	252.
1	0450	30	0.	*	1	1100	67	2739.	*	1	1710	104	2227.	*	1	2320	141	233.
1	0500	31	0.	*	1	1110	68	2552.	*	1	1720	105	2304.	*	1	2330	142	216.
1	0510	32	0.	*	1	1120	69	2377.	*	1	1730	106	2248.	*	1	2340	143	199.
1	0520	33	7.	*	1	1130	70	2221.	*	1	1740	107	2096.	*	1	2350	144	184.
1	0530	34	26.	*	1	1140	71	2088.	*	1	1750	108	1937.	*	2	0000	145	169.
1	0540	35	565.	*	1	1150	72	1978.	*	1	1800	109	1807.	*				
1	0550	36	2113.	*	1	1200	73	1888.	*	1	1810	110	1679.	*				
1	0600	37	4109.	*	1	1210	74	1818.	*	1	1820	111	1544.	*				
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+		(CFS)				
+ 18413.	7.67		7485.	2476.	2476.	2476.
		(INCHES)	2.271	3.006	3.006	3.006
		(AC-FT)	3712.	4912.	4912.	4912.

CUMULATIVE AREA = 30.64 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	70	1899.	6.83	581.	178.	178.	2.20		
+	HYDROGRAPH AT	80	1107.	6.83	340.	105.	105.	1.35		
+	2 COMBINED AT	80T	3006.	6.83	921.	283.	283.	3.55		
+	ROUTED TO	G	2957.	7.00	918.	282.	282.	3.55		
+	HYDROGRAPH AT	G	1463.	6.17	245.	74.	74.	.89		
+	2 COMBINED AT	GT	3406.	6.83	1156.	356.	356.	4.44		
+	HYDROGRAPH AT	60	836.	6.17	148.	45.	45.	.59		
+	2 COMBINED AT	60T	3749.	6.67	1304.	401.	401.	5.03		
+	HYDROGRAPH AT	50	1023.	6.67	299.	92.	92.	1.15		
+	2 COMBINED AT	50T	4772.	6.67	1602.	493.	493.	6.18		
+	ROUTED TO	40MT	4747.	6.67	1602.	493.	493.	6.18		
+	HYDROGRAPH AT	44	898.	6.17	164.	50.	50.	.62		
+	ROUTED TO	42T	880.	6.33	165.	50.	50.	.62		
+	HYDROGRAPH AT	43	1787.	6.33	375.	113.	113.	1.39		
+	ROUTED TO	42T	1744.	6.33	376.	114.	114.	1.39		
+	HYDROGRAPH AT	42	218.	6.00	25.	8.	8.	.11		
+	3 COMBINED AT	42T	2692.	6.33	565.	171.	171.	2.12		
+	ROUTED TO	41T	2638.	6.50	562.	171.	171.	2.12		
+	HYDROGRAPH AT	41	1095.	6.33	229.	70.	70.	.89		

+	2 COMBINED AT	41T	3669.	6.50	788.	240.	240.	3.01
+	ROUTED TO	40T	3607.	6.67	780.	239.	239.	3.01
+	HYDROGRAPH AT	40	641.	6.33	142.	43.	43.	.58
+	2 COMBINED AT	40T	4143.	6.67	912.	282.	282.	3.59
+	2 COMBINED AT	40MT	8890.	6.67	2512.	775.	775.	9.77
+	ROUTED TO	F1T	8692.	6.67	2511.	775.	775.	9.77
+	HYDROGRAPH AT	F1	482.	6.17	72.	22.	22.	.26
+	2 COMBINED AT	F1T	8833.	6.67	2578.	797.	797.	10.03
+	ROUTED TO	F2T	8758.	6.83	2579.	797.	797.	10.03
+	HYDROGRAPH AT	F2	488.	6.50	113.	34.	34.	.46
+	2 COMBINED AT	F2T	9171.	6.67	2691.	832.	832.	10.49
+	ROUTED TO	30T	9123.	6.83	2692.	832.	832.	10.49
+	HYDROGRAPH AT	30	539.	6.50	130.	40.	40.	.50
+	2 COMBINED AT	30T	9560.	6.83	2822.	872.	872.	10.99
+	ROUTED TO	F3T	9552.	6.83	2821.	872.	872.	10.99
+	HYDROGRAPH AT	F3	467.	6.17	71.	21.	21.	.27
+	2 COMBINED AT	F3T	9657.	6.83	2889.	894.	894.	11.26
+	ROUTED TO	F4T	9602.	6.83	2885.	894.	894.	11.26
+	HYDROGRAPH AT	F4	249.	6.00	37.	11.	11.	.14
+	2 COMBINED AT	F4T	9644.	6.83	2919.	905.	905.	11.40
+	ROUTED TO	F5T	9600.	6.83	2919.	905.	905.	11.40
+	HYDROGRAPH AT	F5	671.	6.67	191.	58.	58.	.68
+	2 COMBINED AT	F5T	10259.	6.83	3110.	963.	963.	12.08
+	ROUTED TO	F6T	10027.	7.00	3100.	961.	961.	12.08
+	HYDROGRAPH AT	F6	759.	6.17	128.	39.	39.	.49
+	2 COMBINED AT	F6T	10221.	6.83	3214.	1000.	1000.	12.57
+	HYDROGRAPH AT	25	2191.	6.17	388.	117.	117.	1.41
+	HYDROGRAPH AT	24	3853.	6.33	815.	246.	246.	2.91
+	2 COMBINED AT	24T	5927.	6.33	1203.	362.	362.	4.32
+	ROUTED TO	23T	5706.	6.83	1173.	360.	360.	4.32
+	HYDROGRAPH AT	23	2314.	6.33	467.	141.	141.	1.71
+	2 COMBINED AT	23T	7187.	6.67	1617.	501.	501.	6.03
+	ROUTED TO	22T	7024.	7.17	1597.	498.	498.	6.03
+	HYDROGRAPH AT	22	712.	6.33	139.	42.	42.	.51
+	2 COMBINED AT	22T	7213.	7.17	1701.	540.	540.	6.54
	ROUTED TO							

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+                          21T      7098.   7.67      1692.      537.      537.      6.54
        HYDROGRAPH AT
+                           21       581.   6.50       137.       42.       42.       .51
        ROUTED TO
+                          20T       566.   7.00       135.       42.       42.       .51
        HYDROGRAPH AT
+                           20       757.   6.50       171.       52.       52.       .68
        3 COMBINED AT
+                          20T      7534.   7.67      1930.      631.      631.      7.73
        2 COMBINED AT
+                         20MT     13541.   7.67      5144.     1631.     1631.     20.30
        ROUTED TO
+                         10MT     13433.   7.67      5145.     1631.     1631.     20.30
        HYDROGRAPH AT
+                           14      1590.   6.33       353.      106.      106.      1.25
        ROUTED TO
+                          13T      1587.   6.50       351.      106.      106.      1.25
        HYDROGRAPH AT
+                           13       199.   6.17        32.       10.       10.       .15
        2 COMBINED AT
+                          13T      1701.   6.50       382.      116.      116.      1.40
        HYDROGRAPH AT
+                           12      2348.   6.50       529.      159.      159.      1.89
        2 COMBINED AT
+                          12T      4049.   6.50       910.      275.      275.      3.29
        ROUTED TO
+                          11A      3967.   6.67       902.      274.      274.      3.29
        HYDROGRAPH AT
+                          11A       621.   6.17        94.       29.       29.       .37
        2 COMBINED AT
+                         11AT      4179.   6.67       985.      303.      303.      3.66
        HYDROGRAPH AT
+                           11      1092.   6.50       269.       81.       81.       .99
        2 COMBINED AT
+                          11T      5232.   6.67      1253.      384.      384.      4.65
        ROUTED TO
+                          10T      5070.   7.00      1239.      383.      383.      4.65
        HYDROGRAPH AT
+                           10      1093.   6.50       263.       80.       80.       .96
        2 COMBINED AT
+                          10T      5763.   7.00      1475.      462.      462.      5.61
        2 COMBINED AT
+                         10MT     16962.   7.00      6620.     2094.     2094.     25.91
        ROUTED TO
+                           ET     16861.   7.67      6515.     2079.     2079.     25.91
        HYDROGRAPH AT
+                            E      1262.   6.50       291.       88.       88.      1.11
        2 COMBINED AT
+                           ET     17136.   7.67      6636.     2167.     2167.     27.02
        HYDROGRAPH AT
+                            2       985.   6.83       306.       93.       93.      1.06
        ROUTED TO
+                           1T       979.   7.33       303.       93.       93.      1.06
        HYDROGRAPH AT
+                            1       756.   6.50       179.       54.       54.       .66
        2 COMBINED AT
+                           1T      1305.   7.17       473.      147.      147.      1.72
        HYDROGRAPH AT
+                            D      3626.   6.17       543.      162.      162.      1.90
        3 COMBINED AT
+                           DT     18413.   7.67      7485.     2476.     2476.     30.64
1
                                   SUMMARY OF KINEMATIC WAVE ROUTING
                                (FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)
                                                                   INTERPOLATED TO
                                                                  COMPUTATION INTERVAL
      ISTAQ    ELEMENT      DT        PEAK    TIME TO      VOLUME      DT       PEAK    TIME TO      VOLUME
                                                PEAK                                      PEAK

                          (MIN)      (CFS)     (MIN)       (IN)    (MIN)      (CFS)     (MIN)        (IN)

          G        3       1.48    3003.59    415.69       2.96    10.00    2957.17    420.00        2.96

CONTINUITY SUMMARY (AC-FT) - INFLOW=  560.690 EXCESS=     .000 OUTFLOW=  560.354 BASIN STORAGE=     .014 PERCENT ERROR=     .057
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          40MT     3        .62   4771.58    401.22      2.96     10.00   4747.14    400.00        2.97
CONTINUITY SUMMARY (AC-FT) - INFLOW=  977.131 EXCESS=     .000 OUTFLOW=  976.933 BASIN STORAGE=     .008 PERCENT ERROR=     .019

           42T     3       1.09    896.75    372.89      2.98     10.00    879.65    380.00        2.99
CONTINUITY SUMMARY (AC-FT) - INFLOW=   98.278 EXCESS=     .000 OUTFLOW=   98.674 BASIN STORAGE=     .000 PERCENT ERROR=    -.403

           42T     3        .68   1784.20    381.28      3.03     10.00   1743.78    380.00        3.04
CONTINUITY SUMMARY (AC-FT) - INFLOW=  225.001 EXCESS=     .000 OUTFLOW=  224.923 BASIN STORAGE=     .000 PERCENT ERROR=     .035

           41T     3       1.85   2691.50    387.43      3.00     10.00   2638.23    390.00        3.00
CONTINUITY SUMMARY (AC-FT) - INFLOW=  339.437 EXCESS=     .000 OUTFLOW=  338.838 BASIN STORAGE=     .004 PERCENT ERROR=     .175

           40T     3       1.61   3657.58    404.73      2.96     10.00   3607.43    400.00        2.95
CONTINUITY SUMMARY (AC-FT) - INFLOW=  476.556 EXCESS=     .000 OUTFLOW=  475.482 BASIN STORAGE=     .092 PERCENT ERROR=     .206

           F1T     3       1.37   8863.40    403.57      2.95     10.00   8691.56    400.00        2.95
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1537.937 EXCESS=     .000 OUTFLOW= 1536.906 BASIN STORAGE=     .063 PERCENT ERROR=     .063

           F2T     3        .43   8831.46    401.09      2.95     10.00   8757.89    410.00        2.96
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1580.111 EXCESS=     .000 OUTFLOW= 1579.880 BASIN STORAGE=     .022 PERCENT ERROR=     .013

           30T     3        .68   9168.82    401.69      2.95     10.00   9123.46    410.00        2.95
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1649.470 EXCESS=     .000 OUTFLOW= 1649.065 BASIN STORAGE=     .039 PERCENT ERROR=     .022

           F3T     3        .84   9559.48    411.56      2.95     10.00   9551.84    410.00        2.95
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1729.380 EXCESS=     .000 OUTFLOW= 1728.796 BASIN STORAGE=     .054 PERCENT ERROR=     .031

           F4T     3       1.25   9639.20    411.69      2.95     10.00   9601.81    410.00        2.95
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1772.854 EXCESS=     .000 OUTFLOW= 1771.694 BASIN STORAGE=     .102 PERCENT ERROR=     .060

           F5T     3        .42   9642.92    410.85      2.95     10.00   9600.01    410.00        2.95
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1794.389 EXCESS=     .000 OUTFLOW= 1794.141 BASIN STORAGE=     .038 PERCENT ERROR=     .012

           F6T     3       1.54  10255.95    414.57      2.96     10.00  10027.05    420.00        2.96
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1910.466 EXCESS=     .000 OUTFLOW= 1908.370 BASIN STORAGE=     .285 PERCENT ERROR=     .095

           23T     3       1.66   5901.79    406.11      3.12     10.00   5705.73    410.00        3.10
CONTINUITY SUMMARY (AC-FT) - INFLOW=  718.964 EXCESS=     .000 OUTFLOW=  718.346 BASIN STORAGE=     .277 PERCENT ERROR=     .047

           22T     3       1.67   7148.75    423.42      3.08     10.00   7024.40    430.00        3.07
CONTINUITY SUMMARY (AC-FT) - INFLOW=  992.770 EXCESS=     .000 OUTFLOW=  990.263 BASIN STORAGE=    1.535 PERCENT ERROR=     .098

           21T     3       1.68   7150.67    459.19      3.05     10.00   7098.12    460.00        3.06
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1071.343 EXCESS=     .000 OUTFLOW= 1063.732 BASIN STORAGE=    5.964 PERCENT ERROR=     .154

           20T     3       3.26    575.74    417.54      3.03     10.00    565.58    420.00        3.03
CONTINUITY SUMMARY (AC-FT) - INFLOW=   82.732 EXCESS=     .000 OUTFLOW=   82.457 BASIN STORAGE=     .037 PERCENT ERROR=     .288

          10MT     3        .38  13530.48    460.81      2.99     10.00  13432.91    460.00        2.99
CONTINUITY SUMMARY (AC-FT) - INFLOW= 3234.897 EXCESS=     .000 OUTFLOW= 3234.340 BASIN STORAGE=     .282 PERCENT ERROR=     .009

           13T     3       2.64   1587.73    387.86      3.16     10.00   1586.90    390.00        3.16
CONTINUITY SUMMARY (AC-FT) - INFLOW=  210.867 EXCESS=     .000 OUTFLOW=  210.322 BASIN STORAGE=     .003 PERCENT ERROR=     .257

           11A     3       1.91   4029.99    402.55      3.11     10.00   3966.73    400.00        3.10
CONTINUITY SUMMARY (AC-FT) - INFLOW=  545.858 EXCESS=     .000 OUTFLOW=  545.044 BASIN STORAGE=     .076 PERCENT ERROR=     .135

           10T     3       1.79   5204.37    424.08      3.07     10.00   5070.08    420.00        3.06
CONTINUITY SUMMARY (AC-FT) - INFLOW=  762.088 EXCESS=     .000 OUTFLOW=  760.083 BASIN STORAGE=     .756 PERCENT ERROR=     .164

            ET     3       1.37  16960.74    458.32      2.99     10.00  16861.10    460.00        2.98
CONTINUITY SUMMARY (AC-FT) - INFLOW= 4153.112 EXCESS=     .000 OUTFLOW= 4127.352 BASIN STORAGE=   27.243 PERCENT ERROR=    -.036

            1T     3       2.81    983.43    438.52      3.25     10.00    979.48    440.00        3.25
```

```
CONTINUITY SUMMARY (AC-FT) - INFLOW=  184.341 EXCESS=     .000 OUTFLOW=  183.777 BASIN STORAGE=     .166 PERCENT ERROR=     .216


*** NORMAL END OF HEC-1 ***
```

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*            FEBRUARY 1981             *
*          REVISED 02 AUG 88           *
*                                      *
*  RUN DATE  03/07/2001  TIME  15:01:41 *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*  THE HYDROLOGIC ENGINEERING CENTER   *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*          (916) 551-1748              *
*                                      *
****************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                          HEC-1 INPUT                                                    PAGE  1

      LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

         1          ID        Upper Cave Creek/Apache Wash Watercourse Master Plan   File: AWFUT10.IH1
         2          ID           By: ASL Consulting Engineers                    Original: 07/02/99
         3          ID          For: Flood Control District of Maricopa County   Revised:
         4          ID
         5          ID            Apache Wash Future Condition HEC-1 Input File
         6          ID           HEC-1 model from:
         7          ID             1.  Jerry R. Jones & Associates, Inc.
         8          ID                 Apache Wash Hydrology Report
         9          ID                 Original model dated November 1991
        10          ID                 Contract FCDMC 98-66
        11          ID                 JJA/DEA Job No. MARI0001
        12          ID
        13          ID        Model Basis:
        14          ID
        15          ID           10-year, 24-hr rainfall with SCS Type II distribution
        16          ID           SCS Curve Number Method
        17          ID           NMIN = 10
        18          ID           SCS Unit Hydrograph
        19          ID           Kinematic Wave channel routing
        20          ID           200 Scale 2' CI mapping of study reach by Kenny Aerial Mapping Co.
                    *Diagram
        21          IT      10  1Jun90            145
        22          IO       5       0
                    *

        23          KK      70
        24          KM  RUNOFF FROM 70
        25          BA     2.2
        26          IN      30
        27          PB     4.6
        28          PC       0   0.005   0.009    0.01   0.013   0.019   0.021   0.028   0.032   0.044
        29          PC   0.057     0.1    0.66   0.745   0.776     0.8   0.816    0.83    0.84    0.85
        30          PC   0.861   0.868   0.878   0.884   0.891     0.9   0.905   0.912   0.919   0.923
        31          PC   0.974   0.979   0.981   0.985   0.989   0.991   0.993   0.996     1.0
        32          LS       0    84.9     5.9
        33          UD    0.92
                    *

        34          KK      80
        35          KM   RUNOFF FROM 80
        36          BA    1.35
        37          LS       0    83.6     8.3
        38          UD    0.92
                    *

        39          KK     80T
        40          KM  COMBINE 70,80
        41          HC       2
                    *
1                                          HEC-1 INPUT                                                    PAGE  2

      LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

        42          KK       G
        43          KM  ROUTE 80T TO G
        44          RK    3000   0.005    0.03            TRAP       0      50
                    *

        45          KK       G
        46          KM  RUNOFF FROM G
        47          KO       3
        48          BA    0.89
        49          LS       0    85.1     8.6
        50          UD    0.35
                    *

        51          KK      GT
```

```
 52          KM  COMBINE 80T+G
 53          HC       2
             *

 54          KK      60
 55          KM  RUNOFF FROM 60
 56          KO       3
 57          BA    0.59
 58          LS       0       83    16.1
 59          UD    0.37
             *

 60          KK     60T
 61          KM  COMBINE GT+60
 62          HC       2
             *

 63          KK      50
 64          KM  RUNOFF FROM 50
 65          KO       3
 66          BA    1.15
 67          LS       0     84.3    10.0
 68          UD    0.85
             *

 69          KK     50T
 70          KM  COMBINE 60T+50
 71          HC       2
             *

 72          KK    40MT
 73          KM  ROUTE 50T TO 40
 74          RK    1000   0.005    0.03            TRAP      10      25
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 75          KK      44
 76          KM  RUNOFF FROM 44
 77          BA    0.62
 78          LS       0     84.7     7.6
 79          UD    0.39
             *

 80          KK     42T
 81          KM  ROUTE TO 42T
 82          RK    2000   0.016   0.035            TRAP       5      10
             *

 83          KK      43
 84          KM  RUNOFF FROM 43
 85          BA    1.39
 86          LS       0     85.2     7.7
 87          UD    0.52
             *

 88          KK     42T
 89          KM  ROUTE 44 TO 42T
 90          RK    1500   0.016   0.035            TRAP       5      10
             *

 91          KK      42
 92          KM  RUNOFF FROM 42
 93          BA    0.11
 94          LS       0     80.5     9.0
 95          UD    0.13
             *

 96          KK     42T
 97          KM  COMBINE 44T,43T,42T
 98          HC       3
             *

 99          KK     41T
100          KM  ROUTE TO 41T
101          RK    4200    0.01   0.035            TRAP       5      50
             *

102          KK      41
103          KM  RUNOFF FROM 41
104          BA    0.89
105          LS       0     83.7     8.7
106          UD    0.51
             *

107          KK     41T
108          KM  COMBINE 40T,42T
109          HC       2
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

110          KK     40T
111          KM  ROUTE 41T TO 40
112          RK    6500   0.006   0.035            TRAP       5      50
             *

113          KK      40
114          KM  RUNOFF FROM 40
115          BA    0.58
116          LS       0     82.2     6.5
117          UD    0.54
```

```
                 *

118              KK     40T
119              KM  COMBINE 40,41T
120              HC       2
                 *

121              KK    40MT
122              KM  COMBINE WITH 50T
123              HC       2
                 *

124              KK     F1T
125              KM  ROUTE 40MT TO F1
126              RK    1600   0.003   0.035            TRAP      12      50
                 *

127              KK      F1
128              KM  RUNOFF FROM F1
129              BA    0.26
130              LS       0     85.7    14.8
131              UD    0.25
                 *

132              KK     F1T
133              KM  COMBIN 40MT+F1
134              HC       2
                 *

135              KK     F2T
136              KM   ROUTE TO F2
137              RK     500   0.003   0.035            TRAP      12      50
                 *

138              KK      F2
139              KM  RUNOFF FROM F2
140              BA    0.46
141              LS       0     82.7    14.8
142              UD    0.59
                 *
1                                          HEC-1 INPUT                                          PAGE  5

LINE             ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

143              KK     F2T
144              KM  COMBINE F1T+F2
145              HC       2
                 *

146              KK     30T
147              KM  ROUTE F2T TO 30
148              RK     800   0.003   0.035            TRAP      12      50
                 *

149              KK      30
150              KM  RUNOFF FROM 30
151              BA     0.5
152              LS       0     84.3    11.9
153              UD    0.65
                 *

154              KK     30T
155              KM  COMBINE F2T+30
156              HC       2
                 *

157              KK     F3T
158              KM  ROUTE TO F3
159              RK    1000   0.003   0.035            TRAP      12      50
                 *

160              KK      F3
161              KM  RUNOFF FROM F3
162              BA    0.27
163              LS       0     84.3    14.8
164              UD    0.28
                 *

165              KK     F3T
166              KM  COMBINE 30T+F3
167              HC       2
                 *

168              KK     F4T
169              KM  ROUTE TO F4
170              RK    1500   0.003   0.035            TRAP      12      50
                 *

171              KK      F4
172              KM  RUNOFF FROM F4
173              BA    0.14
174              LS       0     84.3    14.8
175              UD    0.22
                 *
1                                          HEC-1 INPUT                                          PAGE  6

LINE             ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

176              KK     F4T
177              KM  COMBINE F3T+F4
178              HC       2
                 *

179              KK     F5T
```

```
 180          KM  ROUTE TO F5
 181          RK     500   0.003   0.035            TRAP      12      50
              *

 182          KK      F5
 183          KM  RUNOFF FROM F5
 184          BA    0.68
 185          LS       0    86.8    14.8
 186          UD    0.84
              *

 187          KK     F5T
 188          KO       1                                 21
 189          KM  COMBINE F4T+F5
 190          HC       2
              *

 191          KK     F6T
 192          KM  ROUTE TO F6
 193          RK    2500   0.003   0.035            TRAP      12      50
              *

 194          KK      F6
 195          KM  RUNOFF FROM F6
 196          BA    0.49
 197          LS       0    84.3    14.8
 198          UD    0.35
              *

 199          KK     F6T
 200          KM  COMBINE F5T+F6
 201          HC       2
              *

 202          KK      25
 203          KM  RUNOFF FROM 25
 204          BA    1.41
 205          LS       0    85.7     3.4
 206          UD    0.38
              *

 207          KK      24
 208          KM  RUNOFF FROM 24
 209          BA    2.91
 210          LS       0    86.3     8.0
 211          UD    0.53
              *
1                                          HEC-1 INPUT                                          PAGE  7

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 212          KK     24T
 213          KM  COMBINE 24,25
 214          HC       2
              *

 215          KK     23T
 216          KM  ROUTE TO 23
 217          RK    9500  0.0092   0.065            TRAP       8      50
              *

 218          KK      23
 219          KM  RUNOFF FROM 23
 220          BA    1.71
 221          LS       0    85.5     7.7
 222          UD    0.49
              *

 223          KK     23T
 224          KO       1                                 21
 225          KM  COMBINE 24T,23
 226          HC       2
              *

 227          KK     22T
 228          KM  ROUTE TO 22T
 229          RK    8000   0.007   0.065            TRAP       8      50
              *

 230          KK      22
 231          KM  RUNOFF FROM 22
 232          BA    0.51
 233          LS       0    85.5    10.3
 234          UD    0.46
              *

 235          KK     22T
 236          KO       1                                 21
 237          KM  COMBINE 22,23T
 238          HC       2
              *

 239          KK     21T
 240          KM  ROUTE TO 20T
 241          RK    8500   0.005   0.065            TRAP      10      50
              *

 242          KK      21
 243          KM  RUNOFF FROM 21
 244          BA    0.51
 245          LS       0    85.1    10.0
 246          UD    0.63
              *
1                                          HEC-1 INPUT                                          PAGE  8
```

```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 247          KK     20T
 248          KM  ROUTE TO 20T
 249          RK    7000   0.005   0.035            TRAP       5      50
              *

 250          KK      20
 251          KM  RUNOFF FROM 20
 252          BA    0.68
 253          LS       0    83.4    27.3
 254          UD    0.56
              *

 255          KK     20T
 256          KO       1                              21
 257          KM  COMBINE 21,22T,20
 258          HC       3
              *

 259          KK    20MT
 260          KO       1                              21
 261          KM  COMBINE WITH MAINLINE
 262          HC       2
              *

 263          KK    10MT
 264          KM  ROUTE TO 10
 265          RK    1000   0.004    0.02            TRAP      12      25
              *

 266          KK      14
 267          KM  RUNOFF FROM 14
 268          BA    1.25
 269          LS       0    86.7     3.0
 270          UD    0.56
              *

 271          KK     13T
 272          KM  ROUTE TO 13T
 273          RK    5000   0.016   0.035            TRAP      12      50
              *

 274          KK      13
 275          KM  RUNOFF FROM 13
 276          BA    0.15
 277          LS       0    78.9    10.0
 278          UD    0.31
              *

 279          KK     13T
 280          KM  COMBINE 14,13
 281          HC       2
              *
1                                        HEC-1 INPUT                                          PAGE  9

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 282          KK      12
 283          KM  RUNOFF FROM 12
 284          BA    1.89
 285          LS       0    86.4     6.9
 286          UD    0.57
              *

 287          KK     12T
 288          KO       1                              21
 289          KM  COMBINE 13T,12
 290          HC       2
              *

 291          KK     11A
 292          KM  ROUTE TO 11
 293          RK    3000   0.016   0.155            TRAP      12      50
              *

 294          KK     11A
 295          KM  RUNOFF FROM 11A
 296          BA    0.37
 297          LS       0    83.6    10.0
 298          UD    0.28
              *

 299          KK    11AT
 300          KM  COMBINE 12T+11AT
 301          HC       2
              *

 302          KK      11
 303          KM  RUNOFF FROM 11
 304          BA    0.99
 305          LS       0    85.6    10.0
 306          UD    0.67
              *

 307          KK     11T
 308          KO       1                              21
 309          KM  COMBINE 11,11AT
 310          HC       2
              *

 311          KK     10T
 312          KM  ROUTE TO 10
 313          RK    7000   0.006   0.065            TRAP      12      50
```

```
                    *
 314                KK      10
 315                KM  RUNOFF FROM 10
 316                BA    0.96
 317                LS       0    85.7    14.3
 318                UD    0.65
                    *
1                                          HEC-1 INPUT                                                    PAGE 10

LINE                ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 319                KK     10T
 320                KO       1                                  21
 321                KM  COMBINE 10,11T
 322                HC       2
                    *

 323                KK    10MT
 324                KM  COMBINE WITH MAINLINE
 325                HC       2
                    *

 326                KK      ET
 327                KM  ROUTE TO E
 328                RK   13000   0.003   0.055            TRAP      12      50
                    *

 329                KK       E
 330                KM  RUNOFF FROM E
 331                BA    1.11
 332                LS       0    84.6    16.2
 333                UD    0.60
                    *

 334                KK      ET
 335                KO       1                                  21
 336                KM  COMBINE 10T,E
 337                HC       2
                    *

 338                KK       2
 339                KM  RUNOFF 2
 340                BA    1.06
 341                LS       0    87.7     9.7
 342                UD    0.96
                    *

 343                KK      1T
 344                KM  ROUTE TO 1
 345                RK    9000   0.006   0.035            TRAP      12      50
                    *

 346                KK       1
 347                KM  RUNOFF FROM 1
 348                BA    0.66
 349                LS       0    85.5    10.4
 350                UD    0.63
                    *

 351                KK      1T
 352                KM  COMBINE 1,2
 353                HC       2
                    *
1                                          HEC-1 INPUT                                                    PAGE 11

LINE                ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 354                KK       D
 355                KM  RUNOFF FROM AREA D
 356                BA    1.90
 357                LS       0    86.8     9.5
 358                UD    0.26
                    *

 359                KK      DT
 360                KO       1                                  21
 361                KM  COMBINE ET,1T,D
 362                HC       3
                    *
 363                ZZ
1
          SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE     (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.     (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

    23         70
                .
                .
    34          .          80
                .           .
                .           .
    39        80T............
               V
               V
    42         G
                .
                .
    45          .           G
                .           .
                .           .
    51        GT............
```

```
                .
                .
 54             .          60
                .           .
                .           .
 60          60T............
                .
                .
 63             .          50
                .           .
                .           .
 69          50T............
               V
               V
 72          40MT
                .
                .
 75             .          44
                .           V
                .           V
 80             .         42T
                .           .
                .           .
 83             .           .          43
                .           .           V
                .           .           V
 88             .           .         42T
                .           .           .
                .           .           .
 91             .           .           .          42
                .           .           .           .
                .           .           .           .
 96             .         42T.......................
                .           V
                .           V
 99             .         41T
                .           .
                .           .
102             .           .          41
                .           .           .
                .           .           .
107             .         41T............
                .           V
                .           V
110             .         40T
                .           .
                .           .
113             .           .          40
                .           .           .
                .           .           .
118             .         40T............
                .           .
                .           .
121          40MT............
               V
               V
124          F1T
                .
                .
127             .          F1
                .           .
                .           .
132          F1T............
               V
               V
135          F2T
                .
                .
138             .          F2
                .           .
                .           .
143          F2T............
               V
               V
146          30T
                .
                .
149             .          30
                .           .
                .           .
154          30T............
               V
               V
157          F3T
                .
                .
160             .          F3
                .           .
                .           .
165          F3T............
               V
               V
168          F4T
                .
                .
171             .          F4
                .           .
                .           .
176          F4T............
               V
               V
179          F5T
                .
                .
182             .          F5
                .           .
```

```
187        F5T............
             V
             V
191        F6T
             .
             .
194          .          F6
             .           .
             .           .
199        F6T............
             .
             .
202          .          25
             .           .
             .           .
207          .           .          24
             .           .           .
             .           .           .
212          .         24T............
             .           V
             .           V
215          .         23T
             .           .
             .           .
218          .           .          23
             .           .           .
             .           .           .
223          .         23T............
             .           V
             .           V
227          .         22T
             .           .
             .           .
230          .           .          22
             .           .           .
             .           .           .
235          .         22T............
             .           V
             .           V
239          .         21T
             .           .
             .           .
242          .           .          21
             .           .           V
             .           .           V
247          .           .         20T
             .           .           .
             .           .           .
250          .           .           .          20
             .           .           .           .
             .           .           .           .
255          .         20T........................
             .           .
             .           .
259        20MT............
             V
             V
263        10MT
             .
             .
266          .          14
             .           V
             .           V
271          .         13T
             .           .
             .           .
274          .           .          13
             .           .           .
             .           .           .
279          .         13T............
             .           .
             .           .
282          .           .          12
             .           .           .
             .           .           .
287          .         12T............
             .           V
             .           V
291          .         11A
             .           .
             .           .
294          .           .         11A
             .           .           .
             .           .           .
299          .        11AT............
             .           .
             .           .
302          .           .          11
             .           .           .
             .           .           .
307          .         11T............
             .           V
             .           V
311          .         10T
             .           .
             .           .
314          .           .          10
             .           .           .
             .           .           .
319          .         10T............
             .           .
             .           .
323        10MT............
             V
             V
```

```
 326          ET
               .
               .
 329           .          E
               .          .
               .          .
 334          ET............
               .
               .
 338           .          2
               .          V
               .          V
 343           .         1T
               .          .
               .          .
 346           .          .          1
               .          .          .
               .          .          .
 351           .         1T............
               .          .
               .          .
 354           .          .          D
               .          .          .
               .          .          .
 359          DT........................
```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*             FEBRUARY 1981             *
*           REVISED 02 AUG 88           *
*                                       *
*  RUN DATE  03/07/2001  TIME  15:01:41 *
*                                       *
*****************************************
```

```
*************************************
*                                   *
*    U.S. ARMY CORPS OF ENGINEERS   *
*  THE HYDROLOGIC ENGINEERING CENTER *
*          609 SECOND STREET        *
*       DAVIS, CALIFORNIA 95616     *
*          (916) 551-1748           *
*                                   *
*************************************
```

```
Upper Cave Creek/Apache Wash Watercourse Master Plan   File: AWFUT10.IH1
   By: ASL Consulting Engineers                     Original: 07/02/99
  For: Flood Control District of Maricopa County   Revised:

      Apache Wash Future Condition HEC-1 Input File
  HEC-1 model from:
    1.  Jerry R. Jones & Associates, Inc.
        Apache Wash Hydrology Report
        Original model dated November 1991
        Contract FCDMC 98-66
        JJA/DEA Job No. MARI0001

Model Basis:

   10-year, 24-hr rainfall with SCS Type II distribution
   SCS Curve Number Method
   NMIN = 10
   SCS Unit Hydrograph
   Kinematic Wave channel routing
   200 Scale 2' CI mapping of study reach by Kenny Aerial Mapping Co.

 22 IO        OUTPUT CONTROL VARIABLES
                    IPRNT          5  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE

    IT        HYDROGRAPH TIME DATA
                     NMIN         10  MINUTES IN COMPUTATION INTERVAL
                    IDATE     1Jun90  STARTING DATE
                    ITIME       0000  STARTING TIME
                       NQ        145  NUMBER OF HYDROGRAPH ORDINATES
                   NDDATE      2  90  ENDING DATE
                   NDTIME       0000  ENDING TIME
                    ICENT         19  CENTURY MARK

              COMPUTATION INTERVAL     .17 HOURS
                   TOTAL TIME BASE   24.00 HOURS

         ENGLISH UNITS
              DRAINAGE AREA          SQUARE MILES
              PRECIPITATION DEPTH    INCHES
              LENGTH, ELEVATION      FEET
              FLOW                   CUBIC FEET PER SECOND
              STORAGE VOLUME         ACRE-FEET
              SURFACE AREA           ACRES
              TEMPERATURE            DEGREES FAHRENHEIT


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
 45 KK      *          G *
            *            *
            **************

 47 KO        OUTPUT CONTROL VARIABLES
                    IPRNT          3  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE

            SUBBASIN RUNOFF DATA
```

```
48 BA          SUBBASIN CHARACTERISTICS
                    TAREA          .89  SUBBASIN AREA

               PRECIPITATION DATA

27 PB                STORM        4.60  BASIN TOTAL PRECIPITATION

28 PI            INCREMENTAL PRECIPITATION PATTERN
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .01       .01       .01       .19       .19       .19       .03       .03       .03       .01
                   .01       .01       .01       .01       .01       .01       .01       .01       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .02       .02       .02
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00

49 LS          SCS LOSS RATE
                    STRTL          .35  INITIAL ABSTRACTION
                   CRVNBR        85.10  CURVE NUMBER
                    RTIMP         8.60  PERCENT IMPERVIOUS AREA

50 UD          SCS DIMENSIONLESS UNITGRAPH
                     TLAG          .35  LAG

                                                  ***

                                              UNIT HYDROGRAPH
                                         12 END-OF-PERIOD ORDINATES
             290.      891.      952.      630.      316.      174.       93.       49.       26.       14.
               8.        4.

    ***          ***          ***          ***          ***

                     HYDROGRAPH AT STATION        G

   TOTAL RAINFALL =    4.60, TOTAL LOSS =    1.45, TOTAL EXCESS =    3.15

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR      72-HR     24.00-HR
+   (CFS)       (HR)
                          (CFS)
+   1491.       6.17                249.        75.        75.         75.
                         (INCHES)   2.605      3.147      3.147       3.147
                          (AC-FT)    124.       149.       149.        149.

                     CUMULATIVE AREA =     .89 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

             **************
             *            *
54 KK        *        60  *
             *            *
             **************

56 KO          OUTPUT CONTROL VARIABLES
                    IPRNT           3  PRINT CONTROL
                    IPLOT           0  PLOT CONTROL
                    QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

57 BA          SUBBASIN CHARACTERISTICS
                    TAREA          .59  SUBBASIN AREA

               PRECIPITATION DATA

27 PB                STORM        4.60  BASIN TOTAL PRECIPITATION

28 PI            INCREMENTAL PRECIPITATION PATTERN
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .01       .01       .01       .19       .19       .19       .03       .03       .03       .01
                   .01       .01       .01       .01       .01       .01       .01       .01       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .02       .02       .02
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00

58 LS          SCS LOSS RATE
                    STRTL          .41  INITIAL ABSTRACTION
                   CRVNBR        83.00  CURVE NUMBER
                    RTIMP        16.10  PERCENT IMPERVIOUS AREA

59 UD          SCS DIMENSIONLESS UNITGRAPH
                     TLAG          .37  LAG

                                                  ***

                                              UNIT HYDROGRAPH
                                         13 END-OF-PERIOD ORDINATES
             170.      538.      619.      445.      230.      129.       70.       39.       21.       12.
               7.        4.        1.
```

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     ***             ***             ***             ***             ***

                        HYDROGRAPH AT STATION        60

   TOTAL RAINFALL =    4.60, TOTAL LOSS =    1.50, TOTAL EXCESS =    3.10

  PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR        24-HR        72-HR      24.00-HR
+   (CFS)        (HR)
                                   (CFS)
+     926.       6.17                162.          49.          49.          49.
                                (INCHES)        2.546        3.102        3.102        3.102
                                 (AC-FT)         80.          98.          98.          98.

                        CUMULATIVE AREA =     .59 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
  63 KK     *        50  *
            *            *
            **************

  65 KO          OUTPUT CONTROL VARIABLES
                       IPRNT            3  PRINT CONTROL
                       IPLOT            0  PLOT CONTROL
                       QSCAL           0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

  66 BA          SUBBASIN CHARACTERISTICS
                       TAREA         1.15  SUBBASIN AREA

                 PRECIPITATION DATA

  27 PB                STORM         4.60  BASIN TOTAL PRECIPITATION

  28 PI            INCREMENTAL PRECIPITATION PATTERN
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .01       .01       .01       .19       .19       .19       .03       .03       .03       .01
                      .01       .01       .01       .01       .01       .01       .01       .01       .00       .00
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00       .00       .00       .00       .00       .00       .02       .02       .02
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00       .00       .00

  67 LS          SCS LOSS RATE
                       STRTL          .37  INITIAL ABSTRACTION
                      CRVNBR        84.30  CURVE NUMBER
                       RTIMP        10.00  PERCENT IMPERVIOUS AREA

  68 UD          SCS DIMENSIONLESS UNITGRAPH
                        TLAG          .85  LAG

                                                    ***

                                                UNIT HYDROGRAPH
                                            27 END-OF-PERIOD ORDINATES
                 51.      154.      320.      497.      586.      591.      532.      447.      329.      238.
                177.      136.      101.       76.       57.       42.       31.       23.       17.       13.
                 10.        7.        6.        5.        3.        2.        1.

     ***             ***             ***             ***             ***

                        HYDROGRAPH AT STATION        50

   TOTAL RAINFALL =    4.60, TOTAL LOSS =    1.50, TOTAL EXCESS =    3.10

  PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR        24-HR        72-HR      24.00-HR
+   (CFS)        (HR)
                                   (CFS)
+    1079.       6.67                313.          96.          96.          96.
                                (INCHES)        2.530        3.101        3.101        3.101
                                 (AC-FT)        155.         190.         190.         190.

                        CUMULATIVE AREA =    1.15 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
 187 KK     *       F5T  *
            *            *
            **************

 188 KO          OUTPUT CONTROL VARIABLES
                       IPRNT            1  PRINT CONTROL
                       IPLOT            0  PLOT CONTROL
                       QSCAL           0.  HYDROGRAPH PLOT SCALE
                       IPNCH            0  PUNCH COMPUTED HYDROGRAPH
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                    IOUT          21  SAVE HYDROGRAPH ON THIS UNIT
                   ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
                   ISAV2         145  LAST ORDINATE PUNCHED OR SAVED
                  TIMINT        .167  TIME INTERVAL IN HOURS

                     COMBINE F4T+F5

190 HC          HYDROGRAPH COMBINATION
                   ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                   ***
```

HYDROGRAPH AT STATION F5T
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	4090.	1		1220	75	515.	1		1830	112	223.
1		0010	2	0.	1		0620	39	6316.	1		1230	76	508.	1		1840	113	212.
1		0020	3	0.	1		0630	40	8611.	1		1240	77	502.	1		1850	114	203.
1		0030	4	1.	1		0640	41	10289.	1		1250	78	495.	1		1900	115	197.
1		0040	5	1.	1		0650	42	10764.	1		1300	79	486.	1		1910	116	193.
1		0050	6	2.	1		0700	43	10216.	1		1310	80	476.	1		1920	117	188.
1		0100	7	2.	1		0710	44	9123.	1		1320	81	468.	1		1930	118	183.
1		0110	8	3.	1		0720	45	7847.	1		1330	82	462.	1		1940	119	175.
1		0120	9	4.	1		0730	46	6610.	1		1340	83	459.	1		1950	120	165.
1		0130	10	5.	1		0740	47	5509.	1		1350	84	457.	1		2000	121	154.
1		0140	11	7.	1		0750	48	4579.	1		1400	85	452.	1		2010	122	143.
1		0150	12	9.	1		0800	49	3822.	1		1410	86	446.	1		2020	123	133.
1		0200	13	11.	1		0810	50	3217.	1		1420	87	437.	1		2030	124	122.
1		0210	14	11.	1		0820	51	2735.	1		1430	88	426.	1		2040	125	110.
1		0220	15	12.	1		0830	52	2349.	1		1440	89	431.	1		2050	126	97.
1		0230	16	12.	1		0840	53	2035.	1		1450	90	478.	1		2100	127	84.
1		0240	17	14.	1		0850	54	1778.	1		1500	91	589.	1		2110	128	71.
1		0250	18	15.	1		0900	55	1563.	1		1510	92	755.	1		2120	129	60.
1		0300	19	16.	1		0910	56	1385.	1		1520	93	921.	1		2130	130	50.
1		0310	20	17.	1		0920	57	1238.	1		1530	94	1043.	1		2140	131	42.
1		0320	21	19.	1		0930	58	1118.	1		1540	95	1131.	1		2150	132	35.
1		0330	22	20.	1		0940	59	1019.	1		1550	96	1204.	1		2200	133	29.
1		0340	23	21.	1		0950	60	939.	1		1600	97	1234.	1		2210	134	24.
1		0350	24	23.	1		1000	61	875.	1		1610	98	1191.	1		2220	135	20.
1		0400	25	25.	1		1010	62	822.	1		1620	99	1084.	1		2230	136	17.
1		0410	26	26.	1		1020	63	778.	1		1630	100	948.	1		2240	137	14.
1		0420	27	28.	1		1030	64	739.	1		1640	101	810.	1		2250	138	12.
1		0430	28	30.	1		1040	65	704.	1		1650	102	686.	1		2300	139	10.
1		0440	29	32.	1		1050	66	675.	1		1700	103	582.	1		2310	140	9.
1		0450	30	35.	1		1100	67	653.	1		1710	104	499.	1		2320	141	8.
1		0500	31	39.	1		1110	68	636.	1		1720	105	433.	1		2330	142	6.
1		0510	32	45.	1		1120	69	618.	1		1730	106	381.	1		2340	143	6.
1		0520	33	53.	1		1130	70	598.	1		1740	107	339.	1		2350	144	5.
1		0530	34	65.	1		1140	71	576.	1		1750	108	305.	2		0000	145	4.
1		0540	35	145.	1		1150	72	555.	1		1800	109	277.					
1		0550	36	594.	1		1200	73	538.	1		1810	110	255.					
1		0600	37	2012.	1		1210	74	525.	1		1820	111	237.					

```
  PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR        24-HR        72-HR      24.00-HR
+   (CFS)        (HR)
                                    (CFS)
+   10764.       6.83                3261.        1008.        1008.        1008.
                              (INCHES)      2.510        3.104        3.104        3.104
                               (AC-FT)      1617.        2000.        2000.        2000.

                          CUMULATIVE AREA =   12.08 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
223 KK      *      23T   *
            *            *
            **************

224 KO          OUTPUT CONTROL VARIABLES
                   IPRNT           1  PRINT CONTROL
                   IPLOT           0  PLOT CONTROL
                   QSCAL          0.  HYDROGRAPH PLOT SCALE
                   IPNCH           0  PUNCH COMPUTED HYDROGRAPH
                    IOUT          21  SAVE HYDROGRAPH ON THIS UNIT
                   ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
                   ISAV2         145  LAST ORDINATE PUNCHED OR SAVED
                  TIMINT        .167  TIME INTERVAL IN HOURS

                     COMBINE 24T,23

226 HC          HYDROGRAPH COMBINATION
                   ICOMP           2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                   ***
```

HYDROGRAPH AT STATION 23T
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	2098.	1		1220	75	273.	1		1830	112	115.
1		0010	2	0.	1		0620	39	2406.	1		1230	76	264.	1		1840	113	109.
1		0020	3	1.	1		0630	40	4435.	1		1240	77	253.	1		1850	114	104.
1		0030	4	2.	1		0640	41	7408.	1		1250	78	241.	1		1900	115	99.
1		0040	5	2.	1		0650	42	7106.	1		1300	79	230.	1		1910	116	93.
1		0050	6	3.	1		0700	43	6038.	1		1310	80	224.	1		1920	117	86.
1		0100	7	3.	1		0710	44	4842.	1		1320	81	226.	1		1930	118	76.
1		0110	8	3.	1		0720	45	3805.	1		1330	82	237.	1		1940	119	68.
1		0120	9	3.	1		0730	46	2998.	1		1340	83	247.	1		1950	120	66.
1		0130	10	2.	1		0740	47	2385.	1		1350	84	246.	1		2000	121	68.
1		0140	11	2.	1		0750	48	1917.	1		1400	85	236.	1		2010	122	73.
1		0150	12	2.	1		0800	49	1561.	1		1410	86	223.	1		2020	123	80.
1		0200	13	2.	1		0810	50	1298.	1		1420	87	210.	1		2030	124	79.
1		0210	14	2.	1		0820	51	1100.	1		1430	88	202.	1		2040	125	70.
1		0220	15	3.	1		0830	52	945.	1		1440	89	216.	1		2050	126	59.
1		0230	16	3.	1		0840	53	821.	1		1450	90	276.	1		2100	127	49.
1		0240	17	4.	1		0850	54	720.	1		1500	91	370.	1		2110	128	40.
1		0250	18	4.	1		0900	55	637.	1		1510	92	443.	1		2120	129	32.
1		0300	19	3.	1		0910	56	573.	1		1520	93	448.	1		2130	130	26.
1		0310	20	3.	1		0920	57	523.	1		1530	94	391.	1		2140	131	22.
1		0320	21	3.	1		0930	58	483.	1		1540	95	364.	1		2150	132	18.
1		0330	22	3.	1		0940	59	448.	1		1550	96	681.	1		2200	133	15.
1		0340	23	4.	1		0950	60	418.	1		1600	97	817.	1		2210	134	12.
1		0350	24	7.	1		1000	61	393.	1		1610	98	734.	1		2220	135	10.
1		0400	25	8.	1		1010	62	372.	1		1620	99	609.	1		2230	136	9.
1		0410	26	9.	1		1020	63	353.	1		1630	100	491.	1		2240	137	7.
1		0420	27	9.	1		1030	64	336.	1		1640	101	395.	1		2250	138	6.
1		0430	28	10.	1		1040	65	325.	1		1650	102	321.	1		2300	139	5.
1		0440	29	11.	1		1050	66	323.	1		1700	103	263.	1		2310	140	5.
1		0450	30	13.	1		1100	67	327.	1		1710	104	220.	1		2320	141	4.
1		0500	31	15.	1		1110	68	327.	1		1720	105	185.	1		2330	142	3.
1		0510	32	17.	1		1120	69	314.	1		1730	106	159.	1		2340	143	3.
1		0520	33	21.	1		1130	70	293.	1		1740	107	141.	1		2350	144	3.
1		0530	34	28.	1		1140	71	273.	1		1750	108	130.	2		0000	145	2.
1		0540	35	139.	1		1150	72	265.	1		1800	109	123.					
1		0550	36	552.	1		1200	73	268.	1		1810	110	120.					
1		0600	37	1323.	1		1210	74	274.	1		1820	111	118.					

****

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	24.00-HR
+			(CFS)			
+ 7408.	6.67		1678.	517.	517.	517.
		(INCHES)	2.587	3.189	3.189	3.189
		(AC-FT)	832.	1026.	1026.	1026.

CUMULATIVE AREA = 6.03 SQ MI

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              **************
              *            *
235 KK        *      22T   *
              *            *
              **************

236 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                        COMBINE 22,23T

238 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION 22T
SUM OF 2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	691.	1		1220	75	318.	1		1830	112	170.
1		0010	2	0.	1		0620	39	754.	1		1230	76	301.	1		1840	113	154.
1		0020	3	0.	1		0630	40	660.	1		1240	77	290.	1		1850	114	143.
1		0030	4	1.	1		0640	41	2079.	1		1250	78	289.	1		1900	115	136.
1		0040	5	1.	1		0650	42	2946.	1		1300	79	292.	1		1910	116	132.
1		0050	6	1.	1		0700	43	6179.	1		1310	80	291.	1		1920	117	128.
1		0100	7	1.	1		0710	44	7403.	1		1320	81	284.	1		1930	118	123.
1		0110	8	1.	1		0720	45	6618.	1		1330	82	275.	1		1940	119	117.
1		0120	9	1.	1		0730	46	5573.	1		1340	83	265.	1		1950	120	110.
1		0130	10	1.	1		0740	47	4573.	1		1350	84	255.	1		2000	121	104.
1		0140	11	1.	1		0750	48	3721.	1		1400	85	247.	1		2010	122	99.
1		0150	12	1.	1		0800	49	3040.	1		1410	86	244.	1		2020	123	93.
1		0200	13	1.	1		0810	50	2503.	1		1420	87	249.	1		2030	124	86.
1		0210	14	1.	1		0820	51	2080.	1		1430	88	258.	1		2040	125	79.
1		0220	15	1.	1		0830	52	1744.	1		1440	89	267.	1		2050	126	72.

1	0230	16	1.	*	1	0840	53	1480.	*	1	1450	90	280.	*	1	2100	127	68.
1	0240	17	1.	*	1	0850	54	1272.	*	1	1500	91	298.	*	1	2110	128	67.
1	0250	18	1.	*	1	0900	55	1106.	*	1	1510	92	308.	*	1	2120	129	70.
1	0300	19	1.	*	1	0910	56	971.	*	1	1520	93	297.	*	1	2130	130	77.
1	0310	20	1.	*	1	0920	57	860.	*	1	1530	94	280.	*	1	2140	131	79.
1	0320	21	1.	*	1	0930	58	767.	*	1	1540	95	301.	*	1	2150	132	73.
1	0330	22	1.	*	1	0940	59	690.	*	1	1550	96	398.	*	1	2200	133	65.
1	0340	23	2.	*	1	0950	60	627.	*	1	1600	97	465.	*	1	2210	134	57.
1	0350	24	2.	*	1	1000	61	577.	*	1	1610	98	447.	*	1	2220	135	50.
1	0400	25	2.	*	1	1010	62	535.	*	1	1620	99	404.	*	1	2230	136	44.
1	0410	26	3.	*	1	1020	63	499.	*	1	1630	100	509.	*	1	2240	137	38.
1	0420	27	4.	*	1	1030	64	466.	*	1	1640	101	815.	*	1	2250	138	33.
1	0430	28	4.	*	1	1040	65	437.	*	1	1650	102	756.	*	1	2300	139	29.
1	0440	29	5.	*	1	1050	66	414.	*	1	1700	103	656.	*	1	2310	140	25.
1	0450	30	5.	*	1	1100	67	395.	*	1	1710	104	557.	*	1	2320	141	22.
1	0500	31	6.	*	1	1110	68	378.	*	1	1720	105	471.	*	1	2330	142	20.
1	0510	32	7.	*	1	1120	69	362.	*	1	1730	106	398.	*	1	2340	143	17.
1	0520	33	9.	*	1	1130	70	349.	*	1	1740	107	338.	*	1	2350	144	15.
1	0530	34	12.	*	1	1140	71	344.	*	1	1750	108	289.	*	2	0000	145	14.
1	0540	35	51.	*	1	1150	72	346.	*	1	1800	109	249.	*				
1	0550	36	196.	*	1	1200	73	346.	*	1	1810	110	217.	*				
1	0600	37	452.	*	1	1210	74	335.	*	1	1820	111	191.	*				

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+		(CFS)				
+ 7403.	7.17		1773.	559.	559.	559.
		(INCHES)	2.521	3.181	3.181	3.181
		(AC-FT)	879.	1109.	1109.	1109.

CUMULATIVE AREA = 6.54 SQ MI

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            **************
            *            *
255 KK      *      20T   *
            *            *
            **************

256 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .167  TIME INTERVAL IN HOURS

                       COMBINE 21,22T,20

258 HC          HYDROGRAPH COMBINATION
                     ICOMP          3  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION 20T
SUM OF 3 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		0610	38	735.	*	1		1220	75	413.	*	1		1830	112	415.
1		0010	2	0.	*	1		0620	39	905.	*	1		1230	76	402.	*	1		1840	113	367.
1		0020	3	1.	*	1		0630	40	950.	*	1		1240	77	395.	*	1		1850	114	326.
1		0030	4	2.	*	1		0640	41	1174.	*	1		1250	78	395.	*	1		1900	115	291.
1		0040	5	3.	*	1		0650	42	1168.	*	1		1300	79	392.	*	1		1910	116	261.
1		0050	6	4.	*	1		0700	43	1181.	*	1		1310	80	381.	*	1		1920	117	234.
1		0100	7	4.	*	1		0710	44	1542.	*	1		1320	81	365.	*	1		1930	118	210.
1		0110	8	4.	*	1		0720	45	2451.	*	1		1330	82	350.	*	1		1940	119	190.
1		0120	9	4.	*	1		0730	46	6437.	*	1		1340	83	339.	*	1		1950	120	173.
1		0130	10	3.	*	1		0740	47	7727.	*	1		1350	84	335.	*	1		2000	121	160.
1		0140	11	3.	*	1		0750	48	6895.	*	1		1400	85	336.	*	1		2010	122	151.
1		0150	12	2.	*	1		0800	49	5913.	*	1		1410	86	336.	*	1		2020	123	145.
1		0200	13	2.	*	1		0810	50	4995.	*	1		1420	87	329.	*	1		2030	124	141.
1		0210	14	3.	*	1		0820	51	4201.	*	1		1430	88	319.	*	1		2040	125	136.
1		0220	15	3.	*	1		0830	52	3539.	*	1		1440	89	313.	*	1		2050	126	130.
1		0230	16	4.	*	1		0840	53	2994.	*	1		1450	90	319.	*	1		2100	127	123.
1		0240	17	5.	*	1		0850	54	2547.	*	1		1500	91	340.	*	1		2110	128	116.
1		0250	18	5.	*	1		0900	55	2182.	*	1		1510	92	362.	*	1		2120	129	110.
1		0300	19	4.	*	1		0910	56	1882.	*	1		1520	93	374.	*	1		2130	130	104.
1		0310	20	4.	*	1		0920	57	1638.	*	1		1530	94	371.	*	1		2140	131	99.
1		0320	21	4.	*	1		0930	58	1439.	*	1		1540	95	364.	*	1		2150	132	93.
1		0330	22	5.	*	1		0940	59	1275.	*	1		1550	96	373.	*	1		2200	133	86.
1		0340	23	6.	*	1		0950	60	1138.	*	1		1600	97	400.	*	1		2210	134	80.
1		0350	24	7.	*	1		1000	61	1023.	*	1		1610	98	410.	*	1		2220	135	74.
1		0400	25	7.	*	1		1010	62	924.	*	1		1620	99	392.	*	1		2230	136	70.
1		0410	26	6.	*	1		1020	63	840.	*	1		1630	100	366.	*	1		2240	137	69.
1		0420	27	7.	*	1		1030	64	767.	*	1		1640	101	367.	*	1		2250	138	71.
1		0430	28	8.	*	1		1040	65	706.	*	1		1650	102	450.	*	1		2300	139	77.
1		0440	29	10.	*	1		1050	66	656.	*	1		1700	103	501.	*	1		2310	140	78.
1		0450	30	12.	*	1		1100	67	615.	*	1		1710	104	476.	*	1		2320	141	74.
1		0500	31	13.	*	1		1110	68	580.	*	1		1720	105	487.	*	1		2330	142	67.
1		0510	32	15.	*	1		1120	69	546.	*	1		1730	106	789.	*	1		2340	143	61.
1		0520	33	19.	*	1		1130	70	514.	*	1		1740	107	782.	*	1		2350	144	55.

1	0530	34	25.	*	1	1140	71	486.	*	1	1750	108	696.	*	2	0000	145	50.
1	0540	35	65.	*	1	1150	72	463.	*	1	1800	109	612.	*				
1	0550	36	196.	*	1	1200	73	444.	*	1	1810	110	537.	*				
1	0600	37	453.	*	1	1210	74	428.	*	1	1820	111	471.	*				

****

PEAK FLOW (CFS)	TIME (HR)		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	24.00-HR
+		(CFS)				
+ 7727.	7.67		2041.	662.	662.	662.
		(INCHES)	2.455	3.185	3.185	3.185
		(AC-FT)	1012.	1313.	1313.	1313.

CUMULATIVE AREA = 7.73 SQ MI

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              **************
              *            *
259 KK        *     20MT   *
              *            *
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260 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                        COMBINE WITH MAINLINE

262 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION 20MT
SUM OF 2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	4258.	1		1220	75	958.	1		1830	112	663.
1		0010	2	0.	1		0620	39	6698.	1		1230	76	939.	1		1840	113	601.
1		0020	3	1.	1		0630	40	8922.	1		1240	77	926.	1		1850	114	549.
1		0030	4	3.	1		0640	41	11030.	1		1250	78	916.	1		1900	115	505.
1		0040	5	4.	1		0650	42	11969.	1		1300	79	904.	1		1910	116	468.
1		0050	6	5.	1		0700	43	11827.	1		1310	80	883.	1		1920	117	435.
1		0100	7	6.	1		0710	44	11309.	1		1320	81	857.	1		1930	118	404.
1		0110	8	6.	1		0720	45	11020.	1		1330	82	835.	1		1940	119	376.
1		0120	9	5.	1		0730	46	13758.	1		1340	83	819.	1		1950	120	352.
1		0130	10	5.	1		0740	47	13891.	1		1350	84	813.	1		2000	121	329.
1		0140	11	5.	1		0750	48	12050.	1		1400	85	811.	1		2010	122	309.
1		0150	12	6.	1		0800	49	10225.	1		1410	86	806.	1		2020	123	292.
1		0200	13	8.	1		0810	50	8625.	1		1420	87	791.	1		2030	124	277.
1		0210	14	11.	1		0820	51	7283.	1		1430	88	770.	1		2040	125	262.
1		0220	15	15.	1		0830	52	6181.	1		1440	89	763.	1		2050	126	245.
1		0230	16	17.	1		0840	53	5280.	1		1450	90	806.	1		2100	127	226.
1		0240	17	18.	1		0850	54	4541.	1		1500	91	910.	1		2110	128	207.
1		0250	18	19.	1		0900	55	3932.	1		1510	92	1061.	1		2120	129	189.
1		0300	19	19.	1		0910	56	3430.	1		1520	93	1227.	1		2130	130	172.
1		0310	20	20.	1		0920	57	3017.	1		1530	94	1362.	1		2140	131	156.
1		0320	21	22.	1		0930	58	2679.	1		1540	95	1456.	1		2150	132	141.
1		0330	22	25.	1		0940	59	2401.	1		1550	96	1541.	1		2200	133	127.
1		0340	23	27.	1		0950	60	2171.	1		1600	97	1625.	1		2210	134	114.
1		0350	24	28.	1		1000	61	1980.	1		1610	98	1645.	1		2220	135	104.
1		0400	25	30.	1		1010	62	1820.	1		1620	99	1571.	1		2230	136	95.
1		0410	26	31.	1		1020	63	1682.	1		1630	100	1435.	1		2240	137	90.
1		0420	27	34.	1		1030	64	1563.	1		1640	101	1305.	1		2250	138	89.
1		0430	28	39.	1		1040	65	1462.	1		1650	102	1257.	1		2300	139	93.
1		0440	29	43.	1		1050	66	1379.	1		1700	103	1190.	1		2310	140	92.
1		0450	30	47.	1		1100	67	1312.	1		1710	104	1066.	1		2320	141	85.
1		0500	31	51.	1		1110	68	1256.	1		1720	105	995.	1		2330	142	77.
1		0510	32	57.	1		1120	69	1203.	1		1730	106	1233.	1		2340	143	70.
1		0520	33	68.	1		1130	70	1151.	1		1740	107	1173.	1		2350	144	63.
1		0530	34	85.	1		1140	71	1101.	1		1750	108	1045.	2		0000	145	56.
1		0540	35	201.	1		1150	72	1056.	1		1800	109	927.					
1		0550	36	613.	1		1200	73	1017.	1		1810	110	824.					
1		0600	37	1789.	1		1210	74	985.	1		1820	111	737.					

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PEAK FLOW (CFS)	TIME (HR)		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	24.00-HR
+		(CFS)				
+ 13891.	7.67		5417.	1710.	1710.	1710.
		(INCHES)	2.481	3.133	3.133	3.133
		(AC-FT)	2686.	3392.	3392.	3392.

CUMULATIVE AREA = 20.30 SQ MI

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                    ISAV2          145  LAST ORDINATE PUNCHED OR SAVED
                   TIMINT         .167  TIME INTERVAL IN HOURS

                      COMBINE 11,11AT

310 HC          HYDROGRAPH COMBINATION
                    ICOMP            2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION 11T
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	1654.	1		1220	75	192.	1		1830	112	73.
1		0010	2	0.	1		0620	39	3507.	1		1230	76	188.	1		1840	113	70.
1		0020	3	1.	1		0630	40	4990.	1		1240	77	186.	1		1850	114	68.
1		0030	4	1.	1		0640	41	5401.	1		1250	78	184.	1		1900	115	68.
1		0040	5	2.	1		0650	42	4969.	1		1300	79	184.	1		1910	116	67.
1		0050	6	2.	1		0700	43	4169.	1		1310	80	186.	1		1920	117	66.
1		0100	7	3.	1		0710	44	3336.	1		1320	81	186.	1		1930	118	65.
1		0110	8	3.	1		0720	45	2630.	1		1330	82	183.	1		1940	119	65.
1		0120	9	3.	1		0730	46	2083.	1		1340	83	177.	1		1950	120	64.
1		0130	10	2.	1		0740	47	1664.	1		1350	84	171.	1		2000	121	61.
1		0140	11	2.	1		0750	48	1344.	1		1400	85	168.	1		2010	122	54.
1		0150	12	2.	1		0800	49	1105.	1		1410	86	166.	1		2020	123	46.
1		0200	13	2.	1		0810	50	925.	1		1420	87	164.	1		2030	124	38.
1		0210	14	2.	1		0820	51	785.	1		1430	88	162.	1		2040	125	31.
1		0220	15	4.	1		0830	52	675.	1		1440	89	178.	1		2050	126	25.
1		0230	16	6.	1		0840	53	588.	1		1450	90	221.	1		2100	127	20.
1		0240	17	6.	1		0850	54	519.	1		1500	91	273.	1		2110	128	16.
1		0250	18	6.	1		0900	55	463.	1		1510	92	317.	1		2120	129	13.
1		0300	19	6.	1		0910	56	417.	1		1520	93	377.	1		2130	130	10.
1		0310	20	5.	1		0920	57	376.	1		1530	94	495.	1		2140	131	8.
1		0320	21	6.	1		0930	58	343.	1		1540	95	598.	1		2150	132	7.
1		0330	22	7.	1		0940	59	316.	1		1550	96	603.	1		2200	133	5.
1		0340	23	7.	1		0950	60	297.	1		1600	97	533.	1		2210	134	4.
1		0350	24	8.	1		1000	61	284.	1		1610	98	439.	1		2220	135	4.
1		0400	25	8.	1		1010	62	273.	1		1620	99	352.	1		2230	136	3.
1		0410	26	8.	1		1020	63	265.	1		1630	100	280.	1		2240	137	2.
1		0420	27	9.	1		1030	64	258.	1		1640	101	225.	1		2250	138	2.
1		0430	28	10.	1		1040	65	253.	1		1650	102	186.	1		2300	139	2.
1		0440	29	11.	1		1050	66	248.	1		1700	103	157.	1		2310	140	1.
1		0450	30	13.	1		1100	67	242.	1		1710	104	137.	1		2320	141	1.
1		0500	31	14.	1		1110	68	233.	1		1720	105	122.	1		2330	142	1.
1		0510	32	16.	1		1120	69	223.	1		1730	106	111.	1		2340	143	1.
1		0520	33	20.	1		1130	70	217.	1		1740	107	104.	1		2350	144	1.
1		0530	34	26.	1		1140	71	214.	1		1750	108	97.	2		0000	145	1.
1		0540	35	132.	1		1150	72	211.	1		1800	109	91.					
1		0550	36	466.	1		1200	73	205.	1		1810	110	84.					
1		0600	37	996.	1		1210	74	198.	1		1820	111	78.					

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	24.00-HR
+ 5401.	6.67	(CFS)	1297.	397.	397.	397.
		(INCHES)	2.593	3.178	3.178	3.178
		(AC-FT)	643.	788.	788.	788.

CUMULATIVE AREA = 4.65 SQ MI

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            **************
            *            *
319 KK      *      10T   *
            *            *
            **************

320 KO          OUTPUT CONTROL VARIABLES
                    IPRNT            1  PRINT CONTROL
                    IPLOT            0  PLOT CONTROL
                    QSCAL           0.  HYDROGRAPH PLOT SCALE
                    IPNCH            0  PUNCH COMPUTED HYDROGRAPH
                     IOUT           21  SAVE HYDROGRAPH ON THIS UNIT
                    ISAV1            1  FIRST ORDINATE PUNCHED OR SAVED
                    ISAV2          145  LAST ORDINATE PUNCHED OR SAVED
                   TIMINT         .167  TIME INTERVAL IN HOURS

                      COMBINE 10,11T

322 HC          HYDROGRAPH COMBINATION
                    ICOMP            2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION 10T
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	808.	1		1220	75	256.	1		1830	112	126.
1		0010	2	0.	1		0620	39	1088.	1		1230	76	254.	1		1840	113	119.
1		0020	3	0.	1		0630	40	1236.	1		1240	77	252.	1		1850	114	114.
1		0030	4	1.	1		0640	41	2645.	1		1250	78	247.	1		1900	115	109.
1		0040	5	2.	1		0650	42	5193.	1		1300	79	239.	1		1910	116	104.
1		0050	6	2.	1		0700	43	5992.	1		1310	80	231.	1		1920	117	99.
1		0100	7	3.	1		0710	44	5682.	1		1320	81	225.	1		1930	118	92.
1		0110	8	3.	1		0720	45	4949.	1		1330	82	221.	1		1940	119	85.
1		0120	9	3.	1		0730	46	4131.	1		1340	83	219.	1		1950	120	78.
1		0130	10	3.	1		0740	47	3382.	1		1350	84	219.	1		2000	121	74.
1		0140	11	2.	1		0750	48	2761.	1		1400	85	220.	1		2010	122	72.
1		0150	12	2.	1		0800	49	2264.	1		1410	86	221.	1		2020	123	70.
1		0200	13	2.	1		0810	50	1871.	1		1420	87	219.	1		2030	124	68.
1		0210	14	2.	1		0820	51	1561.	1		1430	88	212.	1		2040	125	67.
1		0220	15	2.	1		0830	52	1318.	1		1440	89	210.	1		2050	126	66.
1		0230	16	3.	1		0840	53	1127.	1		1450	90	219.	1		2100	127	65.
1		0240	17	3.	1		0850	54	974.	1		1500	91	248.	1		2110	128	61.
1		0250	18	3.	1		0900	55	848.	1		1510	92	281.	1		2120	129	56.
1		0300	19	3.	1		0910	56	745.	1		1520	93	303.	1		2130	130	50.
1		0310	20	3.	1		0920	57	661.	1		1530	94	313.	1		2140	131	44.
1		0320	21	3.	1		0930	58	593.	1		1540	95	334.	1		2150	132	38.
1		0330	22	3.	1		0940	59	537.	1		1550	96	371.	1		2200	133	33.
1		0340	23	4.	1		0950	60	491.	1		1600	97	410.	1		2210	134	29.
1		0350	24	4.	1		1000	61	452.	1		1610	98	507.	1		2220	135	25.
1		0400	25	5.	1		1010	62	418.	1		1620	99	630.	1		2230	136	21.
1		0410	26	6.	1		1020	63	389.	1		1630	100	637.	1		2240	137	19.
1		0420	27	6.	1		1030	64	364.	1		1640	101	569.	1		2250	138	16.
1		0430	28	7.	1		1040	65	344.	1		1650	102	491.	1		2300	139	14.
1		0440	29	9.	1		1050	66	329.	1		1700	103	418.	1		2310	140	12.
1		0450	30	12.	1		1100	67	319.	1		1710	104	353.	1		2320	141	11.
1		0500	31	14.	1		1110	68	311.	1		1720	105	299.	1		2330	142	9.
1		0510	32	15.	1		1120	69	304.	1		1730	106	254.	1		2340	143	8.
1		0520	33	17.	1		1130	70	298.	1		1740	107	218.	1		2350	144	7.
1		0530	34	22.	1		1140	71	291.	1		1750	108	189.	2		0000	145	6.
1		0540	35	62.	1		1150	72	282.	1		1800	109	167.					
1		0550	36	190.	1		1200	73	272.	1		1810	110	149.					
1		0600	37	464.	1		1210	74	262.	1		1820	111	136.					

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
		(CFS)				
5992.	7.00		1538.	480.	480.	480.
		(INCHES)	2.549	3.185	3.185	3.185
		(AC-FT)	763.	953.	953.	953.

CUMULATIVE AREA = 5.61 SQ MI

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              **************
              *            *
334 KK        *     ET     *
              *            *
              **************

335 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                        COMBINE 10T,E

337 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION ET
SUM OF 2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	1035.	1		1220	75	1617.	1		1830	112	1364.
1		0010	2	0.	1		0620	39	1346.	1		1230	76	1563.	1		1840	113	1432.
1		0020	3	1.	1		0630	40	1399.	1		1240	77	1509.	1		1850	114	1423.
1		0030	4	1.	1		0640	41	1254.	1		1250	78	1455.	1		1900	115	1316.
1		0040	5	2.	1		0650	42	1024.	1		1300	79	1402.	1		1910	116	1199.
1		0050	6	3.	1		0700	43	795.	1		1310	80	1351.	1		1920	117	1090.
1		0100	7	4.	1		0710	44	8791.	1		1320	81	1306.	1		1930	118	992.
1		0110	8	4.	1		0720	45	13564.	1		1330	82	1271.	1		1940	119	905.
1		0120	9	4.	1		0730	46	17571.	1		1340	83	1245.	1		1950	120	829.
1		0130	10	3.	1		0740	47	17947.	1		1350	84	1227.	1		2000	121	764.
1		0140	11	3.	1		0750	48	17092.	1		1400	85	1213.	1		2010	122	708.
1		0150	12	2.	1		0800	49	16440.	1		1410	86	1196.	1		2020	123	660.
1		0200	13	2.	1		0810	50	17759.	1		1420	87	1172.	1		2030	124	618.
1		0210	14	3.	1		0820	51	17002.	1		1430	88	1142.	1		2040	125	580.
1		0220	15	3.	1		0830	52	14970.	1		1440	89	1118.	1		2050	126	545.
1		0230	16	4.	1		0840	53	12990.	1		1450	90	1115.	1		2100	127	512.
1		0240	17	4.	1		0850	54	11247.	1		1500	91	1142.	1		2110	128	481.

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*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

              **************
              *            *
 287 KK       *       12T  *
              *            *
              **************

 288 KO           OUTPUT CONTROL VARIABLES
                        IPRNT          1  PRINT CONTROL
                        IPLOT          0  PLOT CONTROL
                        QSCAL         0.  HYDROGRAPH PLOT SCALE
                        IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                         IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                        ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                        ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                       TIMINT       .167  TIME INTERVAL IN HOURS

                           COMBINE 13T,12

 290 HC           HYDROGRAPH COMBINATION
                        ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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                                          HYDROGRAPH AT STATION      12T
                                               SUM OF  2 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0610	38	2900.	1		1220	75	129.	1		1830	112	44.
1		0010	2	0.	1		0620	39	3932.	1		1230	76	133.	1		1840	113	45.
1		0020	3	1.	1		0630	40	4152.	1		1240	77	137.	1		1850	114	48.
1		0030	4	1.	1		0640	41	3729.	1		1250	78	138.	1		1900	115	53.
1		0040	5	2.	1		0650	42	3027.	1		1300	79	134.	1		1910	116	55.
1		0050	6	3.	1		0700	43	2328.	1		1310	80	127.	1		1920	117	55.
1		0100	7	3.	1		0710	44	1787.	1		1320	81	121.	1		1930	118	50.
1		0110	8	3.	1		0720	45	1384.	1		1330	82	117.	1		1940	119	42.
1		0120	9	3.	1		0730	46	1082.	1		1340	83	116.	1		1950	120	32.
1		0130	10	3.	1		0740	47	866.	1		1350	84	117.	1		2000	121	24.
1		0140	11	2.	1		0750	48	710.	1		1400	85	120.	1		2010	122	17.
1		0150	12	2.	1		0800	49	591.	1		1410	86	120.	1		2020	123	12.
1		0200	13	3.	1		0810	50	499.	1		1420	87	118.	1		2030	124	9.
1		0210	14	3.	1		0820	51	428.	1		1430	88	113.	1		2040	125	6.
1		0220	15	3.	1		0830	52	375.	1		1440	89	122.	1		2050	126	5.
1		0230	16	4.	1		0840	53	334.	1		1450	90	172.	1		2100	127	3.
1		0240	17	4.	1		0850	54	298.	1		1500	91	273.	1		2110	128	2.
1		0250	18	4.	1		0900	55	267.	1		1510	92	391.	1		2120	129	2.
1		0300	19	4.	1		0910	56	241.	1		1520	93	483.	1		2130	130	1.
1		0310	20	4.	1		0920	57	221.	1		1530	94	491.	1		2140	131	1.
1		0320	21	4.	1		0930	58	206.	1		1540	95	427.	1		2150	132	1.
1		0330	22	5.	1		0940	59	197.	1		1550	96	336.	1		2200	133	1.
1		0340	23	5.	1		0950	60	191.	1		1600	97	252.	1		2210	134	0.
1		0350	24	5.	1		1000	61	189.	1		1610	98	189.	1		2220	135	0.
1		0400	25	5.	1		1010	62	188.	1		1620	99	144.	1		2230	136	0.
1		0410	26	5.	1		1020	63	184.	1		1630	100	115.	1		2240	137	0.
1		0420	27	6.	1		1030	64	176.	1		1640	101	98.	1		2250	138	0.
1		0430	28	7.	1		1040	65	167.	1		1650	102	88.	1		2300	139	0.
1		0440	29	8.	1		1050	66	160.	1		1700	103	82.	1		2310	140	0.
1		0450	30	10.	1		1100	67	157.	1		1710	104	78.	1		2320	141	0.
1		0500	31	11.	1		1110	68	157.	1		1720	105	73.	1		2330	142	0.
1		0510	32	12.	1		1120	69	157.	1		1730	106	68.	1		2340	143	0.
1		0520	33	17.	1		1130	70	152.	1		1740	107	61.	1		2350	144	0.
1		0530	34	25.	1		1140	71	145.	1		1750	108	55.	2		0000	145	0.
1		0540	35	138.	1		1150	72	137.	1		1800	109	49.					
1		0550	36	538.	1		1200	73	130.	1		1810	110	45.					
1		0600	37	1489.	1		1210	74	128.	1		1820	111	44.					

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  PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR        24-HR        72-HR      24.00-HR
+   (CFS)        (HR)
                              (CFS)
+    4152.       6.50                933.         283.         283.         283.
                            (INCHES)      2.638        3.195        3.195        3.195
                             (AC-FT)      463.         561.         561.         561.

                            CUMULATIVE AREA =    3.29 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

              **************
              *            *
 307 KK       *       11T  *
              *            *
              **************

 308 KO           OUTPUT CONTROL VARIABLES
                        IPRNT          1  PRINT CONTROL
                        IPLOT          0  PLOT CONTROL
                        QSCAL         0.  HYDROGRAPH PLOT SCALE
                        IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                         IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                        ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
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1	0250	18	5.	*	1	0900	55	9747.	*	1	1510	92	1179.	*	1	2120	129	452.
1	0300	19	4.	*	1	0910	56	8470.	*	1	1520	93	1201.	*	1	2130	130	427.
1	0310	20	4.	*	1	0920	57	7391.	*	1	1530	94	1187.	*	1	2140	131	404.
1	0320	21	4.	*	1	0930	58	6484.	*	1	1540	95	1142.	*	1	2150	132	385.
1	0330	22	4.	*	1	0940	59	5718.	*	1	1550	96	1088.	*	1	2200	133	367.
1	0340	23	5.	*	1	0950	60	5072.	*	1	1600	97	1063.	*	1	2210	134	352.
1	0350	24	5.	*	1	1000	61	4521.	*	1	1610	98	1119.	*	1	2220	135	336.
1	0400	25	6.	*	1	1010	62	4053.	*	1	1620	99	1290.	*	1	2230	136	321.
1	0410	26	6.	*	1	1020	63	3653.	*	1	1630	100	1518.	*	1	2240	137	305.
1	0420	27	6.	*	1	1030	64	3310.	*	1	1640	101	1699.	*	1	2250	138	288.
1	0430	28	7.	*	1	1040	65	3018.	*	1	1650	102	1838.	*	1	2300	139	269.
1	0440	29	8.	*	1	1050	66	2770.	*	1	1700	103	1975.	*	1	2310	140	250.
1	0450	30	10.	*	1	1100	67	2558.	*	1	1710	104	2113.	*	1	2320	141	232.
1	0500	31	11.	*	1	1110	68	2376.	*	1	1720	105	2209.	*	1	2330	142	215.
1	0510	32	13.	*	1	1120	69	2216.	*	1	1730	106	2164.	*	1	2340	143	198.
1	0520	33	16.	*	1	1130	70	2074.	*	1	1740	107	2019.	*	1	2350	144	183.
1	0530	34	22.	*	1	1140	71	1948.	*	1	1750	108	1866.	*	2	0000	145	168.
1	0540	35	73.	*	1	1150	72	1840.	*	1	1800	109	1742.	*				
1	0550	36	245.	*	1	1200	73	1751.	*	1	1810	110	1615.	*				
1	0600	37	604.	*	1	1210	74	1678.	*	1	1820	111	1473.	*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.00-HR
+		(CFS)				
+ 17947.	7.67		7035.	2278.	2278.	2278.
		(INCHES)	2.421	3.135	3.135	3.135
		(AC-FT)	3488.	4518.	4518.	4518.

CUMULATIVE AREA = 27.02 SQ MI

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          **************
          *            *
359 KK    *        DT  *
          *            *
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360 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        145  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .167  TIME INTERVAL IN HOURS

                        COMBINE ET,1T,D

362 HC          HYDROGRAPH COMBINATION
                      ICOMP          3  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT STATION DT
SUM OF 3 HYDROGRAPHS

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		0610	38	5343.	*	1		1220	75	1781.	*	1		1830	112	1435.
1		0010	2	1.	*	1		0620	39	4688.	*	1		1230	76	1732.	*	1		1840	113	1504.
1		0020	3	4.	*	1		0630	40	3817.	*	1		1240	77	1674.	*	1		1850	114	1498.
1		0030	4	6.	*	1		0640	41	3199.	*	1		1250	78	1604.	*	1		1900	115	1392.
1		0040	5	8.	*	1		0650	42	2924.	*	1		1300	79	1537.	*	1		1910	116	1268.
1		0050	6	9.	*	1		0700	43	2631.	*	1		1310	80	1482.	*	1		1920	117	1143.
1		0100	7	9.	*	1		0710	44	10543.	*	1		1320	81	1440.	*	1		1930	118	1030.
1		0110	8	9.	*	1		0720	45	15188.	*	1		1330	82	1408.	*	1		1940	119	935.
1		0120	9	8.	*	1		0730	46	19048.	*	1		1340	83	1384.	*	1		1950	120	854.
1		0130	10	6.	*	1		0740	47	19257.	*	1		1350	84	1368.	*	1		2000	121	785.
1		0140	11	6.	*	1		0750	48	18221.	*	1		1400	85	1355.	*	1		2010	122	728.
1		0150	12	6.	*	1		0800	49	17405.	*	1		1410	86	1332.	*	1		2020	123	679.
1		0200	13	6.	*	1		0810	50	18593.	*	1		1420	87	1296.	*	1		2030	124	637.
1		0210	14	7.	*	1		0820	51	17730.	*	1		1430	88	1254.	*	1		2040	125	599.
1		0220	15	9.	*	1		0830	52	15611.	*	1		1440	89	1308.	*	1		2050	126	563.
1		0230	16	11.	*	1		0840	53	13556.	*	1		1450	90	1494.	*	1		2100	127	528.
1		0240	17	11.	*	1		0850	54	11740.	*	1		1500	91	1675.	*	1		2110	128	496.
1		0250	18	10.	*	1		0900	55	10182.	*	1		1510	92	1713.	*	1		2120	129	465.
1		0300	19	9.	*	1		0910	56	8861.	*	1		1520	93	1599.	*	1		2130	130	438.
1		0310	20	9.	*	1		0920	57	7747.	*	1		1530	94	1467.	*	1		2140	131	414.
1		0320	21	11.	*	1		0930	58	6811.	*	1		1540	95	1355.	*	1		2150	132	393.
1		0330	22	12.	*	1		0940	59	6024.	*	1		1550	96	1255.	*	1		2200	133	375.
1		0340	23	13.	*	1		0950	60	5363.	*	1		1600	97	1213.	*	1		2210	134	358.
1		0350	24	14.	*	1		1000	61	4800.	*	1		1610	98	1281.	*	1		2220	135	342.
1		0400	25	13.	*	1		1010	62	4313.	*	1		1620	99	1470.	*	1		2230	136	326.
1		0410	26	15.	*	1		1020	63	3887.	*	1		1630	100	1704.	*	1		2240	137	309.
1		0420	27	19.	*	1		1030	64	3523.	*	1		1640	101	1879.	*	1		2250	138	291.
1		0430	28	22.	*	1		1040	65	3222.	*	1		1650	102	2008.	*	1		2300	139	272.
1		0440	29	25.	*	1		1050	66	2975.	*	1		1700	103	2132.	*	1		2310	140	253.
1		0450	30	28.	*	1		1100	67	2766.	*	1		1710	104	2252.	*	1		2320	141	234.
1		0500	31	31.	*	1		1110	68	2577.	*	1		1720	105	2328.	*	1		2330	142	217.
1		0510	32	39.	*	1		1120	69	2400.	*	1		1730	106	2266.	*	1		2340	143	200.
1		0520	33	61.	*	1		1130	70	2242.	*	1		1740	107	2109.	*	1		2350	144	184.
1		0530	34	94.	*	1		1140	71	2108.	*	1		1750	108	1947.	*	2		0000	145	170.
1		0540	35	701.	*	1		1150	72	1997.	*	1		1800	109	1816.	*					

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    1     0550   36     2364.   *    1     1200   73     1906.   *    1     1810  110     1686.   *
    1     0600   37     4420.   *    1     1210   74     1835.   *    1     1820  111     1544.   *
                                  *                                 *                                 *
*****************************************************************************************************************

  PEAK FLOW      TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR        24-HR        72-HR      24.00-HR
+   (CFS)        (HR)
                                    (CFS)
+  19257.        7.67                7941.        2600.        2600.        2600.
                                 (INCHES)        2.410        3.156        3.156        3.156
                                   (AC-FT)        3938.        5158.        5158.        5158.

                                 CUMULATIVE AREA =    30.64 SQ MI

1
                                                    RUNOFF SUMMARY
                                              FLOW IN CUBIC FEET PER SECOND
                                            TIME IN HOURS,  AREA IN SQUARE MILES

                                                PEAK   TIME OF   AVERAGE FLOW FOR MAXIMUM PERIOD      BASIN    MAXIMUM    TIME OF
          OPERATION          STATION           FLOW    PEAK                                          AREA     STAGE     MAX STAGE
+                                                                   6-HOUR     24-HOUR     72-HOUR
          HYDROGRAPH AT
+                                 70          1953.    6.83         596.        183.        183.      2.20
          HYDROGRAPH AT
+                                 80          1160.    6.83         355.        109.        109.      1.35
          2 COMBINED AT
+                                80T          3113.    6.83         951.        292.        292.      3.55
          ROUTED TO
+                                  G          3059.    6.83         948.        291.        291.      3.55
          HYDROGRAPH AT
+                                  G          1491.    6.17         249.         75.         75.       .89
          2 COMBINED AT
+                                 GT          3523.    6.83        1192.        367.        367.      4.44
          HYDROGRAPH AT
+                                 60           926.    6.17         162.         49.         49.       .59
          2 COMBINED AT
+                                60T          3901.    6.67        1352.        416.        416.      5.03
          HYDROGRAPH AT
+                                 50          1079.    6.67         313.         96.         96.      1.15
          2 COMBINED AT
+                                50T          4980.    6.67        1665.        512.        512.      6.18
          ROUTED TO
+                               40MT          4958.    6.67        1666.        512.        512.      6.18
          HYDROGRAPH AT
+                                 44           941.    6.17         171.         52.         52.       .62
          ROUTED TO
+                                42T           914.    6.33         171.         52.         52.       .62
          HYDROGRAPH AT
+                                 43          1855.    6.33         387.        117.        117.      1.39
          ROUTED TO
+                                42T          1813.    6.33         388.        118.        118.      1.39
          HYDROGRAPH AT
+                                 42           229.    6.00          27.          8.          8.       .11
          3 COMBINED AT
+                                42T          2797.    6.33         585.        177.        177.      2.12
          ROUTED TO
+                                41T          2735.    6.50         583.        177.        177.      2.12
          HYDROGRAPH AT
+                                 41          1147.    6.33         238.         72.         72.       .89
          2 COMBINED AT
+                                41T          3807.    6.50         819.        249.        249.      3.01
          ROUTED TO
+                                40T          3762.    6.67         813.        249.        249.      3.01
          HYDROGRAPH AT
+                                 40           664.    6.33         146.         45.         45.       .58
          2 COMBINED AT
+                                40T          4312.    6.67         951.        293.        293.      3.59
          2 COMBINED AT
+                               40MT          9269.    6.67        2614.        805.        805.      9.77
          ROUTED TO
+                                F1T          9093.    6.67        2614.        806.        806.      9.77
          HYDROGRAPH AT
+                                 F1           508.    6.17          76.         23.         23.       .26
          2 COMBINED AT
+                                F1T          9239.    6.67        2688.        829.        829.     10.03
          ROUTED TO
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+		F2T	9149.	6.67	2687.	830.	830.	10.03
+	HYDROGRAPH AT	F2	538.	6.50	123.	38.	38.	.46
+	2 COMBINED AT	F2T	9627.	6.67	2811.	868.	868.	10.49
+	ROUTED TO	30T	9499.	6.83	2811.	868.	868.	10.49
+	HYDROGRAPH AT	30	575.	6.50	138.	42.	42.	.50
+	2 COMBINED AT	30T	10018.	6.67	2948.	910.	910.	10.99
+	ROUTED TO	F3T	9967.	6.83	2950.	911.	911.	10.99
+	HYDROGRAPH AT	F3	499.	6.17	76.	23.	23.	.27
+	2 COMBINED AT	F3T	10076.	6.83	3022.	934.	934.	11.26
+	ROUTED TO	F4T	10051.	6.83	3022.	934.	934.	11.26
+	HYDROGRAPH AT	F4	272.	6.00	40.	12.	12.	.14
+	2 COMBINED AT	F4T	10094.	6.83	3058.	946.	946.	11.40
+	ROUTED TO	F5T	10062.	6.83	3058.	946.	946.	11.40
+	HYDROGRAPH AT	F5	719.	6.67	204.	62.	62.	.68
+	2 COMBINED AT	F5T	10764.	6.83	3261.	1008.	1008.	12.08
+	ROUTED TO	F6T	10545.	6.83	3252.	1006.	1006.	12.08
+	HYDROGRAPH AT	F6	826.	6.17	138.	42.	42.	.49
+	2 COMBINED AT	F6T	10801.	6.83	3380.	1048.	1048.	12.57
+	HYDROGRAPH AT	25	2219.	6.17	393.	118.	118.	1.41
+	HYDROGRAPH AT	24	3990.	6.33	840.	254.	254.	2.91
+	2 COMBINED AT	24T	6085.	6.33	1233.	372.	372.	4.32
+	ROUTED TO	23T	5847.	6.83	1219.	371.	371.	4.32
+	HYDROGRAPH AT	23	2396.	6.33	481.	146.	146.	1.71
+	2 COMBINED AT	23T	7408.	6.67	1678.	517.	517.	6.03
+	ROUTED TO	22T	7210.	7.17	1664.	515.	515.	6.03
+	HYDROGRAPH AT	22	746.	6.33	145.	44.	44.	.51
+	2 COMBINED AT	22T	7403.	7.17	1773.	559.	559.	6.54
+	ROUTED TO	21T	7272.	7.67	1771.	558.	558.	6.54
+	HYDROGRAPH AT	21	607.	6.50	143.	43.	43.	.51
+	ROUTED TO	20T	588.	7.00	141.	43.	43.	.51
+	HYDROGRAPH AT	20	902.	6.33	199.	61.	61.	.68
+	3 COMBINED AT	20T	7727.	7.67	2041.	662.	662.	7.73
+	2 COMBINED AT	20MT	13891.	7.67	5417.	1710.	1710.	20.30
+	ROUTED TO	10MT	13881.	7.67	5417.	1711.	1711.	20.30
+	HYDROGRAPH AT	14	1614.	6.33	358.	108.	108.	1.25
+	ROUTED TO	13T	1611.	6.50	356.	107.	107.	1.25

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+          HYDROGRAPH AT
                          13       217.    6.17         35.        11.        11.       .15
+          2 COMBINED AT
                         13T      1732.    6.50        389.       118.       118.      1.40
+          HYDROGRAPH AT
                          12      2420.    6.50        544.       164.       164.      1.89
+          2 COMBINED AT
                         12T      4152.    6.50        933.       283.       283.      3.29
+          ROUTED TO
                         11A      4079.    6.67        925.       282.       282.      3.29
+          HYDROGRAPH AT
                         11A       654.    6.17        100.        30.        30.       .37
+          2 COMBINED AT
                        11AT      4297.    6.67       1015.       312.       312.      3.66
+          HYDROGRAPH AT
                          11      1152.    6.50        282.        85.        85.       .99
+          2 COMBINED AT
                         11T      5401.    6.67       1297.       397.       397.      4.65
+          ROUTED TO
                         10T      5265.    7.00       1284.       396.       396.      4.65
+          HYDROGRAPH AT
                          10      1170.    6.50        279.        85.        85.       .96
+          2 COMBINED AT
                         10T      5992.    7.00       1538.       480.       480.      5.61
+          2 COMBINED AT
                        10MT     17829.    7.00       6955.      2191.      2191.     25.91
+          ROUTED TO
                          ET     17659.    7.67       6910.      2182.      2182.     25.91
+          HYDROGRAPH AT
                           E      1378.    6.50        316.        96.        96.      1.11
+          2 COMBINED AT
                          ET     17947.    7.67       7035.      2278.      2278.     27.02
+          HYDROGRAPH AT
                           2      1026.    6.83        318.        97.        97.      1.06
+          ROUTED TO
                          1T      1019.    7.33        315.        96.        96.      1.06
+          HYDROGRAPH AT
                           1       798.    6.50        188.        57.        57.       .66
+          2 COMBINED AT
                          1T      1363.    7.17        495.       153.       153.      1.72
+          HYDROGRAPH AT
                           D      3746.    6.17        564.       169.       169.      1.90
+          3 COMBINED AT
                          DT     19257.    7.67       7941.      2600.      2600.     30.64
1
                                   SUMMARY OF KINEMATIC WAVE ROUTING
                              (FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)
                                                                   INTERPOLATED TO
                                                                 COMPUTATION INTERVAL
          ISTAQ    ELEMENT      DT        PEAK    TIME TO      VOLUME      DT        PEAK    TIME TO      VOLUME
                                                    PEAK                                              PEAK
                              (MIN)      (CFS)     (MIN)      (IN)     (MIN)      (CFS)     (MIN)       (IN)
              G        3        1.47    3105.75    415.06      3.06     10.00    3059.47    410.00       3.05
CONTINUITY SUMMARY (AC-FT) - INFLOW=  579.035 EXCESS=     .000 OUTFLOW=  578.592 BASIN STORAGE=     .014 PERCENT ERROR=     .074

           40MT        3         .61    4978.42    401.40      3.08     10.00    4957.78    400.00       3.08
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1015.206 EXCESS=     .000 OUTFLOW= 1015.013 BASIN STORAGE=     .008 PERCENT ERROR=     .018

           42T         3        1.07     941.00    372.16      3.09     10.00     913.73    380.00       3.10
CONTINUITY SUMMARY (AC-FT) - INFLOW=  102.369 EXCESS=     .000 OUTFLOW=  102.301 BASIN STORAGE=     .000 PERCENT ERROR=     .067

           42T         3         .68    1851.03    381.73      3.14     10.00    1813.06    380.00       3.15
CONTINUITY SUMMARY (AC-FT) - INFLOW=  232.852 EXCESS=     .000 OUTFLOW=  232.787 BASIN STORAGE=     .000 PERCENT ERROR=     .028

           41T         3        1.83    2787.08    387.03      3.11     10.00    2735.43    390.00       3.11
CONTINUITY SUMMARY (AC-FT) - INFLOW=  351.955 EXCESS=     .000 OUTFLOW=  351.344 BASIN STORAGE=     .004 PERCENT ERROR=     .173

           40T         3        1.59    3803.62    403.93      3.08     10.00    3762.20    400.00       3.07
CONTINUITY SUMMARY (AC-FT) - INFLOW=  494.863 EXCESS=     .000 OUTFLOW=  493.867 BASIN STORAGE=     .082 PERCENT ERROR=     .185
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              F1T      3        1.35   9257.28    403.01      3.07     10.00   9093.14    400.00        3.07
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1597.569 EXCESS=      .000 OUTFLOW= 1599.041 BASIN STORAGE=      .059 PERCENT ERROR=    -.096

              F2T      3         .42   9235.93    401.06      3.08     10.00   9149.33    400.00        3.08
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1645.076 EXCESS=      .000 OUTFLOW= 1644.875 BASIN STORAGE=      .022 PERCENT ERROR=     .011

              30T      3         .67   9618.73    401.90      3.08     10.00   9498.53    410.00        3.08
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1720.981 EXCESS=      .000 OUTFLOW= 1720.622 BASIN STORAGE=      .039 PERCENT ERROR=     .019

              F3T      3         .83  10017.67    401.76      3.08     10.00   9966.97    410.00        3.08
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1805.684 EXCESS=      .000 OUTFLOW= 1805.228 BASIN STORAGE=      .057 PERCENT ERROR=     .022

              F4T      3        1.24  10074.08    412.51      3.08     10.00  10051.12    410.00        3.08
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1852.601 EXCESS=      .000 OUTFLOW= 1851.693 BASIN STORAGE=      .105 PERCENT ERROR=     .043

              F5T      3         .41  10089.54    410.71      3.09     10.00  10061.70    410.00        3.09
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1876.316 EXCESS=      .000 OUTFLOW= 1876.077 BASIN STORAGE=      .038 PERCENT ERROR=     .011

              F6T      3        1.52  10746.94    414.22      3.10     10.00  10545.39    410.00        3.10
CONTINUITY SUMMARY (AC-FT) - INFLOW= 2000.008 EXCESS=      .000 OUTFLOW= 1998.206 BASIN STORAGE=      .265 PERCENT ERROR=     .077

              23T      3        1.56   6040.00    405.67      3.20     10.00   5846.52    410.00        3.20
CONTINUITY SUMMARY (AC-FT) - INFLOW=  737.763 EXCESS=      .000 OUTFLOW=  736.473 BASIN STORAGE=      .264 PERCENT ERROR=     .139

              22T      3        1.55   7371.68    424.35      3.18     10.00   7209.70    430.00        3.18
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1025.699 EXCESS=      .000 OUTFLOW= 1022.527 BASIN STORAGE=     1.666 PERCENT ERROR=     .147

              21T      3        1.66   7378.57    458.19      3.16     10.00   7271.61    460.00        3.17
CONTINUITY SUMMARY (AC-FT) - INFLOW= 1109.403 EXCESS=      .000 OUTFLOW= 1101.564 BASIN STORAGE=     6.025 PERCENT ERROR=     .164

              20T      3        3.23    603.88    415.03      3.16     10.00    587.97    420.00        3.15
CONTINUITY SUMMARY (AC-FT) - INFLOW=   86.192 EXCESS=      .000 OUTFLOW=   85.909 BASIN STORAGE=      .039 PERCENT ERROR=     .284

             10MT      3         .38  13890.35    460.73      3.13     10.00  13880.65    460.00        3.13
CONTINUITY SUMMARY (AC-FT) - INFLOW= 3392.420 EXCESS=      .000 OUTFLOW= 3391.847 BASIN STORAGE=      .284 PERCENT ERROR=     .008

              13T      3        2.63   1613.64    388.15      3.20     10.00   1610.60    390.00        3.20
CONTINUITY SUMMARY (AC-FT) - INFLOW=  213.741 EXCESS=      .000 OUTFLOW=  213.193 BASIN STORAGE=      .004 PERCENT ERROR=     .255

              11A      3        1.89   4127.90    402.18      3.19     10.00   4078.75    400.00        3.18
CONTINUITY SUMMARY (AC-FT) - INFLOW=  560.637 EXCESS=      .000 OUTFLOW=  559.370 BASIN STORAGE=      .070 PERCENT ERROR=     .214

              10T      3        1.78   5384.38    422.73      3.17     10.00   5264.74    420.00        3.16
CONTINUITY SUMMARY (AC-FT) - INFLOW=  788.045 EXCESS=      .000 OUTFLOW=  785.957 BASIN STORAGE=      .777 PERCENT ERROR=     .166

               ET      3        1.35  17818.47    457.97      3.12     10.00  17658.84    460.00        3.13
CONTINUITY SUMMARY (AC-FT) - INFLOW= 4346.247 EXCESS=      .000 OUTFLOW= 4315.242 BASIN STORAGE=    27.600 PERCENT ERROR=     .078

               1T      3        2.78   1024.67    437.54      3.38     10.00   1018.60    440.00        3.38
CONTINUITY SUMMARY (AC-FT) - INFLOW=  191.685 EXCESS=      .000 OUTFLOW=  191.152 BASIN STORAGE=      .163 PERCENT ERROR=     .193


*** NORMAL END OF HEC-1 ***
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1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*             JUN   1998               *
*           VERSION 4.1                *
*                                      *
*  RUN DATE   07MAR01  TIME  15:11:28  *
*                                      *
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*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X        XXXXX X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX        XXX
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

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1                                    HEC-1 INPUT                                    PAGE  1

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

    1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File: CCFIS100.IH1
    2           ID           By: ASL Consulting Engineers                   Original: 07/31/98
    3           ID          For: Flood Control District of Maricopa County   Revised: 05/31/99
    4           ID
    5           ID        Cave Creek Watershed at Cave Buttes Dam
    6           ID           Combined HEC-1 models from:
    7           ID             1.  George V. Sabol Consulting Engineers FCD 95-28
    8           ID                 Cave Creek Watershed at the Carefree Highway
    9           ID                 Original model dated 06-17-96 by mcg
   10           ID                 GVSCE Project No. 84
   11           ID
   12           ID             2.  Willdan Associates FCD 95-30
   13           ID                 Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   14           ID                 Original model dated 11-29-96
   15           ID                 Willdan Project No. 08855
   16           ID
   17           ID        Model Basis:
   18           ID
   19           ID           100-year, 24-hr rainfall with SCS Type II distribution
   20           ID           Green & Ampt Loss Rate Method
   21           ID           NMIN = 5
   22           ID           Phoenix Mountain and Desert/Rangeland S-Graph
   23           ID           Clark Unit Hydrograph
   24           ID           Modified Puls channel storage routing
   25           ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Company
   26           ID
                *
   27           IT       5                    900
   28           IO       5
   29           IN      15
                *
                *DIAGRAM
                *
                *  Depth-Area reduction factors taken from Table 2.1a of FCDMC Design Manual
                *
                *  PC records are a 24-hour SCS Type II rainfall distribution
                *
   30           JD    4.98    0.01
   31           PC   0.000   0.002   0.005   0.008   0.011   0.013   0.016   0.019   0.022   0.025
   32           PC   0.028   0.032   0.035   0.038   0.041   0.044   0.048   0.053   0.056   0.060
   33           PC   0.063   0.067   0.071   0.075   0.080   0.084   0.089   0.093   0.098   0.103
   34           PC   0.109   0.114   0.120   0.127   0.133   0.140   0.147   0.155   0.163   0.172
   35           PC   0.181   0.192   0.204   0.220   0.235   0.259   0.283   0.473   0.663   0.699
   36           PC   0.735   0.754   0.772   0.785   0.799   0.810   0.820   0.829   0.838   0.846
   37           PC   0.854   0.861   0.868   0.874   0.880   0.885   0.891   0.900   0.902   0.910
   38           PC   0.912   0.920   0.921   0.926   0.929   0.930   0.937   0.941   0.945   0.950
   39           PC   0.952   0.957   0.959   0.962   0.965   0.970   0.972   0.973   0.978   0.981
   40           PC   0.984   0.987   0.989   0.992   0.995   0.998   1.000
   41           JD    4.97    1.00
   42           JD    4.68   10.00
   43           JD    4.53   20.00
   44           JD    4.26   70.00
   45           JD    4.15  130.00
   46           JD    4.15  200.00
                *
1                                    HEC-1 INPUT                                    PAGE  2

  LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   47           KK   S110L
   48           KM   Subbasin  SSW1
   49           KM
   50           KM       The Phoenix Mountain S-Graph is used for this basin.
   51           KM           Lag Used =  65.6 minutes
   52           KM
   53           BA  10.597
   54           LG    0.20    0.40    6.00    0.19    3.00
```

```
 55          UI     544     544     544    1545    2110    2807    3371    3819    4178    4753
 56          UI    5872    6285    4183    3619    3260    3068    2823    2634    2426    2231
 57          UI    2055    1817    1611    1419    1331    1256    1180    1093     893     825
 58          UI     695     695     597     596     555     417     417     417     373     266
 59          UI     266     266     266     266     246     104     104     104     104     104
 60          UI     104     104     104     104     104     104     104     104     104     104
 61          UI       0       0       0       0       0       0       0       0       0       0
 62          UI       0       0       0       0       0       0       0       0       0       0
             *

 63          KK   S110R
 64          KM   Subbasin  CC1
 65          KM
 66          KM      The Phoenix Mountain S-Graph is used for this basin.
 67          KM          Lag Used =  89.8 minutes
 68          KM
 69          BA  17.935
 70          LG    0.20    0.37    5.20    0.28    6.00
 71          UI     672     672     672     672    1765    2209    2758    3442    4026    4397
 72          UI    4807    5119    5488    6315    7397    8233    5996    4949    4441    4110
 73          UI    3925    3741    3508    3319    3164    2968    2777    2638    2451    2250
 74          UI    2089    1798    1728    1645    1577    1546    1422    1405    1132    1104
 75          UI    1008     859     859     839     736     736     736     651     515     515
 76          UI     515     515     515     330     329     329     329     329     329     329
 77          UI     329     219     129     129     129     129     129     129     129     129
 78          UI     129     129     129     129     129     129     129     129     129     129
 79          UI     129     129     129       0       0       0       0       0       0       0
 80          UI       0       0       0       0       0       0       0       0       0       0
             *

 81          KK    C110
 82          KM      Combine runoff from Subbasins S110L and S110R at C110.
 83          HC       2
             *

 84          KK  110120
 85          KM   Normal depth channel route from C110 to C120.
 86          KM       Source:  Hydrology Field Reconnaissance, page 14
 87          KM       End points were extended
 88          RS       1    FLOW      -1
 89          RC   0.100   0.045   0.100    1500  0.0067
 90          RX   998.0  1005.0  1111.0  1133.0  1175.0  1180.0  1207.0    1229
 91          RY   105.1    95.0    95.0    90.0    91.6    96.8    96.8   105.9
 92          RL                    0.40    90.0
             *
```



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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 93          KK    S120
 94          KM   Subbasin   BC1
 95          KM
 96          KM      The Phoenix Mountain S-Graph is used for this basin.
 97          KM          Lag Used =  65.5 minutes
 98          KM
 99          BA   4.774
100          LG   0.25    0.35    4.55    0.39    6.00
101          UI    245     245     245     699     954    1268    1522    1725    1886    2148
102          UI   2656    2821    1883    1629    1468    1382    1271    1186    1092    1005
103          UI    923     817     724     639     600     565     530     489     403     369
104          UI    313     312     269     269     247     188     188     188     165     120
105          UI    120     120     120     120     107      47      47      47      47      47
106          UI     47      47      47      47      47      47      47      47      47      47
107          UI      0       0       0       0       0       0       0       0       0       0
108          UI      0       0       0       0       0       0       0       0       0       0
             *

109          KK    C120
110          KM      Combine routed hydrograph from C110 w/runoff from S120 at C120.
111          HC       2
             *

112          KK  120130
113          KM   Normal depth channel route from C120 to C130.
114          KM       Source:  Hydrology Field Reconnaissance, page 14
115          KM       End points were extended
116          RS       1    FLOW      -1
117          RC   0.100   0.045   0.100    5800  0.0121
118          RX   998.0  1005.0  1111.0  1133.0  1175.0  1180.0  1207.0    1229
119          RY   105.1    95.0    95.0    90.0    91.6    96.8    96.8   105.9
120          RL                    0.40    90.0
             *

121          KK    S130
122          KM   Subbasin   CC2
123          KM
124          KM      The Phoenix Mountain S-Graph is used for this basin.
125          KM          Lag Used =  32.5 minutes
126          KM
127          BA   2.878
128          LG   0.25    0.37    5.30    0.27    6.00
129          UI    298     579    1364    1982    2470    3305    2104    1720    1476    1259
130          UI   1040     812     704     601     457     374     326     252     228     162
131          UI    146     146      80      57      57      57      57      57      57      57
132          UI      0       0       0       0       0       0       0       0       0       0
133          UI      0       0       0       0       0       0       0       0       0       0
             *
```



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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

134          KK    C130
135          KM      Combine routed hydrograph from C120 w/runoff from S130 at C130.
136          HC       2
```

```
*
KK  130140
KM   Normal depth channel route from C130 to C140.
KM       Source:  Hydrology Field Reconnaissance, page 14
KM       End points were extended
RS       1    FLOW      -1
RC   0.100   0.045   0.100    1800   0.0056
RX   998.0  1005.0  1111.0  1133.0  1175.0  1180.0  1207.0    1229
RY   105.1    95.0    95.0    90.0    91.6    96.8    96.8   105.9
RL                    0.40    90.0
*

KK    S140
KM   Subbasin   BMM1
KM
KM      The Phoenix Mountain S-Graph is used for this basin.
KM          Lag Used =  38.8 minutes
KM
BA   1.837
LG    0.20    0.35    4.45    0.36    4.00
UI     159     223     564     896    1125    1359    1824    1217     970     860
UI     760     654     560     453     389     353     295     235     202     175
UI     152     122     118      78      78      78      57      31      31      31
UI      31      31      31      31      31       0       0       0       0       0
UI       0       0       0       0       0       0       0       0       0       0
*

KK    C140
KM      Combine routed hydrograph from C130 w/runoff from S140 at C140.
HC       2
*

KK  140150
KM   Normal depth channel route from C140 to C150.
KM       Source:  Hydrology Field Reconnaissance, page 15
KM       End points were extended
RS       2    FLOW      -1
RC   0.100   0.080   0.100   10000   0.027
RX   995.0  1005.0  1019.0  1037.0  1081.0  1096.0  1170.0  1180.0
RY   106.9    96.9    94.8    90.7    90.0    93.3    96.6   106.6
RL                    0.35    90.0
*

KK    S150
KM   Subbasin   CC3
KM
KM      The Phoenix Mountain S-Graph is used for this basin.
KM          Lag Used =  27.1 minutes
KM
BA   1.065
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

LG    0.20    0.35    4.35    0.42   12.00
UI     132     358     754    1018    1430     913     731     609     494     369
UI     309     247     182     151     118     101      65      65      48      25
UI      25      25      25      25      25       0       0       0       0       0
UI       0       0       0       0       0       0       0       0       0       0
*

KK   S150R
KM   Subbasin  UNT1
KM
KM      The Phoenix Mountain S-Graph is used for this basin.
KM          Lag Used =  30.2 minutes
KM
BA   1.995
LG    0.20    0.35    4.30    0.40    9.00
UI     223     506    1120    1573    2092    2159    1391    1179     994     825
UI     631     529     450     336     273     243     171     158     109     109
UI      84      43      43      43      43      43      43       0       0       0
UI       0       0       0       0       0       0       0       0       0       0
*

KK    C150
KM      Combine routed hydrograph from C140 w/runoff from S150 and S150R at C120.
HC       3
*

KK  150160
KM   Normal depth channel route from C150 to C160.
KM       Source:  Hydrology Field Reconnaissance, page 15
KM       End points were extended
RS       1    FLOW      -1
RC   0.100   0.080   0.100    1000    0.02
RX   995.0  1005.0  1019.0  1037.0  1081.0  1096.0  1170.0  1180.0
RY   106.9    96.9    94.8    90.7    90.0    93.3    96.6   106.6
RL                    0.40    90.0
*

KK    S160
KM   Subbasin   STC1
KM
KM      The Phoenix Mountain S-Graph is used for this basin.
KM          Lag Used =  38.7 minutes
KM
BA   1.294
LG    0.25    0.35    4.80    0.33    5.00
UI     113     159     400     635     797     964    1289     851     683     605
UI     534     460     393     318     273     249     206     164     142     123
UI     105      86      81      55      55      55      38      22      22      22
UI      22      22      22      22      22       0       0       0       0       0
UI       0       0       0       0       0       0       0       0       0       0
*
```

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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 220          KK    C160
 221          KM      Combine routed hydrograph from C150 w/runoff from S160 at C160.
 222          HC       2
              *

 223          KK  160170
 224          KM   Normal depth channel route from C160 to C170.
 225          KM       Source:  Hydrology Field Reconnaissance, page 16
 226          RS       1    FLOW      -1
 227          RC   0.090   0.045   0.090    4600  0.0196
 228          RX  1000.0  1024.0  1055.0  1068.0  1115.0  1119.0  1145.0  1198.0
 229          RY   103.8    99.3    94.2    91.0    90.0    92.0    94.8   102.8
 230          RL                   0.40    90.0
              *

 231          KK    S170
 232          KM   Subbasin   CC4
 233          KM
 234          KM      The Phoenix Mountain S-Graph is used for this basin.
 235          KM          Lag Used =  24.0 minutes
 236          KM
 237          BA   0.913
 238          LG    0.20    0.39    5.80    0.20    7.00
 239          UI     128     429     833    1173    1149     744     606     479     349     288
 240          UI     212     157     128      98      68      63      40      25      25      25
 241          UI      25      25       0       0       0       0       0       0       0       0
 242          UI       0       0       0       0       0       0       0       0       0       0
              *

 243          KK   S170R
 244          KM   Subbasin  GG1
 245          KM
 246          KM      The Phoenix Mountain S-Graph is used for this basin.
 247          KM          Lag Used =  54.8 minutes
 248          KM
 249          BA   3.417
 250          LG    0.20    0.35    4.60    0.33    9.00
 251          UI     210     210     398     725    1052    1317    1513    1694    2115    2450
 252          UI    1599    1348    1229    1120    1025     932     842     755     658     551
 253          UI     512     483     440     367     328     268     259     230     230     164
 254          UI     161     161     122     103     103     103     103      71      40      40
 255          UI      40      40      40      40      40      40      40      40      40      40
 256          UI       0       0       0       0       0       0       0       0       0       0
 257          UI       0       0       0       0       0       0       0       0       0       0
              *

 258          KK    C170
 259          KM      Combine routed hydrograph from C160 w/runoff from S170 and S170R at C170.
 260          HC       3
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 261          KK  170180
 262          KM   Normal depth channel route from C170 to C180.
 263          KM       Source:  Hydrology Field Reconnaissance, page 16
 264          KM       End points were extended
 265          RS       1    FLOW      -1
 266          RC   0.090   0.045   0.090    4000  0.0174
 267          RX     994  1024.0  1055.0  1068.0  1115.0  1119.0  1145.0    1211
 268          RY   104.9    99.3    94.2    91.0    90.0    92.0    94.8   104.8
 269          RL                   0.40    90.0
              *

 270          KK    S180
 271          KM   Subbasin   MF1
 272          KM
 273          KM      The Phoenix Mountain S-Graph is used for this basin.
 274          KM          Lag Used =  52.5 minutes
 275          KM
 276          BA   3.803
 277          LG    0.25    0.39    5.80    0.20    5.00
 278          UI     244     244     513     899    1302    1582    1821    2095    2727    2417
 279          UI    1706    1482    1362    1232    1128    1009     904     787     661     600
 280          UI     563     515     428     375     312     294     267     252     187     187
 281          UI     184     119     119     119     119     111      47      47      47      47
 282          UI      47      47      47      47      47      47      47      47       0       0
 283          UI       0       0       0       0       0       0       0       0       0       0
              *

 284          KK    C180
 285          KM      Combine routed hydrograph from C170 w/runoff from S180 at C180.
 286          HC       2
              *

 287          KK  180190
 288          KM   Normal depth channel route from C180 to C190.
 289          KM       Source:  Hydrology Field Reconnaissance, page 17
 290          KM       End points were extended
 291          RS       3    FLOW      -1
 292          RC   0.120   0.045   0.120   16600  0.0157
 293          RX     981  1046.0  1111.0  1135.0  1169.0  1195.0  1223.0    1226
 294          RY   102.2    98.4    93.5    90.0    90.7    92.6    96.3   103.3
 295          RL                   0.40    90.0
              *

 296          KK   S190L
 297          KM   Subbasin  CC6
 298          KM
```

```
299          KM      The Phoenix Mountain S-Graph is used for this basin.
300          KM          Lag Used =  32.3 minutes
301          KM
302          BA   2.814
303          LG    0.20     0.38     6.40     0.16     2.00
304          UI     293      577     1361     1964     2461     3230     2042     1680     1443     1224
305          UI    1008      783      688      573      439      362      321      236      225      148
306          UI     144      144       64       56       56       56       56       56       56        0
1                                                HEC-1 INPUT                                                PAGE  8

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

307          UI       0        0        0        0        0        0        0        0        0        0
308          UI       0        0        0        0        0        0        0        0        0        0
             *

309          KK   S190R
310          KM   Subbasin  CC5
311          KM
312          KM      The Phoenix Mountain S-Graph is used for this basin.
313          KM          Lag Used =  53.7 minutes
314          KM
315          BA   4.370
316          LG    0.25     0.38     5.40     0.23     7.00
317          UI     274      274      547      970     1421     1747     2009     2266     2899     3001
318          UI    2002     1710     1570     1425     1306     1175     1073      926      796      697
319          UI     651      606      544      450      377      350      310      300      251      210
320          UI     210      185      134      134      134      134      111       53       53       53
321          UI      53       53       53       53       53       53       53       53       53        0
322          UI       0        0        0        0        0        0        0        0        0        0
323          UI       0        0        0        0        0        0        0        0        0        0
             *

324          KK    C190
325          KM      Combine routed hydrograph from C180 w/runoff from S190L and S190R at C190.
326          HC       3
             *

327          KK  190200
328          KM   Normal depth channel route from C190 to C200.
329          KM       Source:  Hydrology Field Reconnaissance, page 18
330          KM       End points were extended
331          RS       2    FLOW      -1
332          RC   0.090    0.055    0.070    11000   0.0136
333          RX  1000.0   1005.0   1064.0   1083.0   1105.0   1125.0   1150.0   1160.0
334          RY   107.8     97.8     92.7     91.2     90.0     91.8     94.5    114.5
335          RL                     0.40     90.0
             *

336          KK    S200
337          KM   Subbasin   CC7
338          KM
339          KM      The Phoenix Mountain S-Graph is used for this basin.
340          KM          Lag Used =  28.8 minutes
341          KM
342          BA   3.949
343          LG    0.20     0.35     4.90     0.31     9.00
344          UI     462     1141     2455     3379     4798     3798     2728     2302     1919     1533
345          UI    1171     1021      802      593      510      394      353      226      226      185
346          UI      88       88       88       88       88       88        0        0        0        0
347          UI       0        0        0        0        0        0        0        0        0        0
             *
1                                                HEC-1 INPUT                                                PAGE  9

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

348          KK    C200
349          KM      Combine routed hydrograph from C190 w/runoff from S200 at C200.
350          HC       2
             *

351          KK  200210
352          KM   Normal depth channel route from C200 to C210.
353          KM       Source:  200 Scale 2' CI Mapping, sheet 5
354          RS       1    FLOW      -1
355          RC   0.065    0.060    0.065     4800   0.0125
356          RX  1000.0   1150.0   1434.0   1480.0   1520.0   1535.0   1540.0   1550.0
357          RY  2156.0   2148.0   2148.0   2142.0   2142.0   2148.0   2150.0   2156.0
358          RL                     0.95     2142.0
             *

359          KK    S210
360          KM   Subbasin   CWC1
361          KM
362          KM      The Phoenix Mountain S-Graph is used for this basin.
363          KM          Lag Used =  83.6 minutes
364          KM
365          BA  10.345
366          LG    0.20     0.35     4.65     0.35    14.00
367          UI     417      417      417      539     1199     1526     1859     2428     2630     2910
368          UI    3138     3357     3891     4603     5020     3542     2980     2690     2492     2388
369          UI    2235     2110     1989     1872     1736     1643     1521     1384     1275     1102
370          UI    1048     1015      959      923      872      764      685      649      533      533
371          UI     515      457      457      457      358      320      320      320      320      238
372          UI     204      204      204      204      204      204      204       98       80       80
373          UI      80       80       80       80       80       80       80       80       80       80
374          UI      80       80       80       80       80       80       80        0        0        0
375          UI       0        0        0        0        0        0        0        0        0        0
             *

376          KK    C210
377          KM      Combine routed hydrograph from C200 w/runoff from S210 at C210.
378          HC       2
             *
```

```
 379          KK  210220
 380          KM   Normal depth channel route from C210 to C220.
 381          KM       Source:  200 Scale 2' CI Mapping, sheet 5
 382          RS       1    FLOW      -1
 383          RC   0.065   0.060   0.065    4800  0.0125
 384          RX  1000.0  1150.0  1434.0  1480.0  1520.0  1535.0  1540.0  1550.0
 385          RY  2156.0  2148.0  2148.0  2142.0  2142.0  2148.0  2150.0  2156.0
 386          RL                     0.95  2142.0
              *
1                                        HEC-1 INPUT                                                    PAGE 10

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 387          KK    S220
 388          KM   Subbasin   CC8
 389          KM
 390          KM      The Phoenix Mountain S-Graph is used for this basin.
 391          KM          Lag Used =  36.2 minutes
 392          KM
 393          BA   3.635
 394          LG    0.20    0.37    5.30    0.24   14.00
 395          UI     338     552    1303    2063    2526    3284    3443    2227    1914    1668
 396          UI    1443    1228     974     828     746     606     475     411     371     278
 397          UI     259     197     166     166     139      65      65      65      65      65
 398          UI      65      65      65       0       0       0       0       0       0       0
 399          UI       0       0       0       0       0       0       0       0       0       0
              *

 400          KK    C220
 401          KM      Combine routed hydrograph from C210 w/runoff from S220 at C220.
 402          HC       2
              *

 403          KK  220230
 404          KM   Normal depth channel route from C220 to C230.
 405          KM       Source:  200 Scale 2' CI Mapping, sheet 5
 406          RS       1    FLOW      -1
 407          RC   0.065   0.060   0.065    4800  0.0125
 408          RX  1000.0  1150.0  1434.0  1480.0  1520.0  1535.0  1540.0  1550.0
 409          RY  2156.0  2148.0  2148.0  2142.0  2142.0  2148.0  2150.0  2156.0
 410          RL                     0.95  2142.0
              *

 411          KK    S230
 412          KM   Subbasin   CC9
 413          KM
 414          KM      The Phoenix Mountain S-Graph is used for this basin.
 415          KM          Lag Used =  32.9 minutes
 416          KM
 417          BA   1.839
 418          LG    0.20    0.36    6.80    0.13   11.00
 419          UI     188     360     846    1240    1539    2109    1357    1099     949     809
 420          UI     676     529     449     399     301     240     208     172     144     114
 421          UI      92      92      65      36      36      36      36      36      36      36
 422          UI       0       0       0       0       0       0       0       0       0       0
 423          UI       0       0       0       0       0       0       0       0       0       0
              *

 424          KK    C230
 425          KM      Combine routed hydrograph from C220 w/runoff from S230 at C230.
 426          HC       2
              *
1                                        HEC-1 INPUT                                                    PAGE 11

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 427          KK  230240
 428          KM   Normal depth channel route from C230 to C240.
 429          KM       Source:  200 Scale 2' CI Mapping, sheet 5
 430          RS       1    FLOW      -1
 431          RC   0.065   0.060   0.065    2300  0.0117
 432          RX  1000.0  1003.0  1323.0  1329.0  1353.0  1371.0  1593.0  1665.0
 433          RY  2130.0  2128.0  2118.0  2116.0  2116.0  2126.0  2126.0  2130.0
 434          RL                     0.95  2116.0
              *

 435          KK    S240
 436          KM   Subbasin   CC10
 437          KM
 438          KM      The Phoenix Mountain S-Graph is used for this basin.
 439          KM          Lag Used =  39.5 minutes
 440          KM
 441          BA   2.627
 442          LG    0.20    0.35    6.80    0.14    6.00
 443          UI     224     300     774    1234    1558    1862    2544    1821    1395    1235
 444          UI    1087     950     821     667     563     513     444     356     286     257
 445          UI     241     172     172     129     110     110     110      45      43      43
 446          UI      43      43      43      43      43      43       0       0       0       0
 447          UI       0       0       0       0       0       0       0       0       0       0
              *

 448          KK    C240
 449          KM      Combine routed hydrograph from C230 w/runoff from S240 at C240.
 450          HC       2
              *

 451          KK  240250
 452          KM   Normal depth channel route from C240 to C250.
 453          KM       Source:  200 Scale 2' CI Mapping, sheet 4
 454          RS       1    FLOW      -1
 455          RC   0.070   0.060   0.070    6200  0.0105
 456          RX  1000.0  1087.0  1101.0  1128.0  1168.0  1193.0  1488.0  1490.0
 457          RY  2076.0  2072.0  2064.0  2060.0  2060.0  2066.0  2070.0  2076.0
 458          RL                     0.95  2060.0
```

```
                *
459             KK    S250
460             KM   Subbasin   WSW1
461             KM
462             KM      The Phoenix Mountain S-Graph is used for this basin.
463             KM          Lag Used =  52.9 minutes
464             KM
465             BA   5.887
466             LG    0.19    0.32    6.60    0.15   10.00
467             UI     375     375     773    1360    1978    2409    2779    3177    4081    3882
468             UI    2661    2292    2117    1910    1756    1559    1419    1227    1042     933
469             UI     873     804     688     603     479     466     410     410     292     287
470             UI     287     205     183     183     183     183      92      72      72      72
471             UI      72      72      72      72      72      72      72      72       0       0
472             UI       0       0       0       0       0       0       0       0       0       0
                *
1                                          HEC-1 INPUT                                          PAGE 12

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


473             KK    C250
474             KM      Combine routed hydrograph from C240 w/runoff from S250 at C250.
475             HC       2
                *

476             KK  250260
477             KM   Normal depth channel route from C250 to C260.
478             KM       Source:  200 Scale 2' CI Mapping, sheet 4
479             RS       1    FLOW      -1
480             RC   0.070   0.055   0.070    1500  0.0067
481             RX  1000.0  1030.0  1053.0  1055.0  1070.0  1087.0  1185.0  1305.0
482             RY  2048.0  2030.0  2028.0  2026.0  2026.0  2030.0  2040.0  2050.0
483             RL                    0.95  2026.0
                *

484             KK   S260L
485             KM   Subbasin  UNT2
486             KM
487             KM      The Phoenix Mountain S-Graph is used for this basin.
488             KM          Lag Used =  55.8 minutes
489             KM
490             BA   3.781
491             LG    0.19    0.35    5.70    0.22   13.00
492             UI     228     228     413     774    1108    1408    1622    1803    2209    2711
493             UI    1868    1515    1352    1249    1138    1046     942     852     744     635
494             UI     570     535     498     443     375     311     291     260     250     219
495             UI     175     175     171     112     112     112     112     112      56      44
496             UI      44      44      44      44      44      44      44      44      44      44
497             UI      44       0       0       0       0       0       0       0       0       0
498             UI       0       0       0       0       0       0       0       0       0       0
                *

499             KK   S260R
500             KM   Subbasin  CC11
501             KM
502             KM      The Phoenix Mountain S-Graph is used for this basin.
503             KM          Lag Used =  28.1 minutes
504             KM
505             BA   1.648
506             LG    0.20    0.34    7.00    0.12   12.00
507             UI     197     506    1076    1471    2112    1500    1134     956     787     609
508             UI     484     419     304     242     211     151     130      96      96      53
509             UI      38      38      38      38      38      38       0       0       0       0
510             UI       0       0       0       0       0       0       0       0       0       0
                *

511             KK    C260
512             KM      Combine routed hydrograph from C250 w/runoff from S260L and S260R at C210.
513             HC       3
                *
                *
                * **  260310 too short to route, L=900'
                *
                *
1                                          HEC-1 INPUT                                          PAGE 13

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


514             KK    S270
515             KM   Subbasin   GVW1
516             KM
517             KM      The Phoenix Mountain S-Graph is used for this basin.
518             KM          Lag Used =  72.0 minutes
519             KM
520             BA   4.863
521             LG    0.25    0.39    5.80    0.20   16.00
522             UI     227     227     227     520     770     988    1319    1465    1635    1770
523             UI    2008    2436    2714    1857    1568    1406    1325    1234    1154    1076
524             UI    1000     927     861     769     697     601     563     540     521     475
525             UI     429     373     337     290     290     255     249     249     188     174
526             UI     174     174     143     111     111     111     111     111     111      62
527             UI      44      44      44      44      44      44      44      44      44      44
528             UI      44      44      44      44      44      44       0       0       0       0
529             UI       0       0       0       0       0       0       0       0       0       0
                *

530             KK  270300
531             KM   Normal depth channel route from C270 to C300.
532             KM       Source:  Hydrology Field Reconnaissance, page 13
533             RS       5    FLOW      -1
534             RC   0.100   0.030   0.100   12500  0.0288
535             RX  1000.0  1015.0  1095.0  1095.5  1128.5  1129.0  1209.0  1224.0
536             RY   104.0    94.0    93.0    90.0    90.0    93.0    94.0   104.0
```

```
537          RL                    0.95     90.0
             *

538          KK    S280
539          KM   Subbasin   GVW2
540          KM
541          KM      The Phoenix Mountain S-Graph is used for this basin.
542          KM          Lag Used =  60.9 minutes
543          KM
544          BA   5.933
545          LG    0.19     0.32     4.65     0.34     9.00
546          UI     328      328      451     1015     1383     1884     2163     2438     2708     3356
547          UI    3893     2615     2193     1961     1835     1678     1554     1419     1298     1170
548          UI    1036      875      810      767      718      658      539      481      419      402
549          UI     359      359      280      252      252      244      161      161      161      161
550          UI     161      125       63       63       63       63       63       63       63       63
551          UI      63       63       63       63       63       63        0        0        0        0
552          UI       0        0        0        0        0        0        0        0        0        0
             *

553          KK  280295
554          KM   Normal depth channel route from C280 to C295.
555          KM       Source:  Hydrology Field Reconnaissance, page 12
556          RS       3    FLOW     -1
557          RC   0.080   0.050   0.070   13800  0.0249
558          RX  1000.0  1020.0  1040.0  1040.1  1202.9  1203.0  1223.0  1243.0
559          RY   110.0   100.0    90.0    90.0    90.0    90.0   100.0   110.0
560          RL                    0.80    90.0
             *
```

1 HEC-1 INPUT PAGE 14

```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

561          KK    S290
562          KM   Subbasin    GWW1
563          KM
564          KM    The Phoenix Desert/Rangeland S-Graph is used for this basin.
565          KM          Lag Used =  59.2 minutes
566          KM
567          BA   7.639
568          LG     .17      .29     5.00      .29    12.00
569          UI    434.     434.     658.    1394.    1955.    2544.    3010.    3563.    3879.    4073.
570          UI   4161.    4087.    3873.    3482.    3006.    2564.    2229.    1944.    1652.    1431.
571          UI   1243.    1051.     908.     819.     671.     627.     460.     460.     360.     297.
572          UI    297.     297.     175.     106.     106.     106.     106.     106.     106.     106.
573          UI    106.     106.     106.       0.       0.       0.       0.       0.       0.       0.
574          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
             *
             *
             * **  290295 too short to route, L=2400'  S=0.0242
             *
             *

575          KK    C295
576          KM      Combine routed hydrographs from and C280 w/runoff from S290 at C295.
577          HC       2
             *

578          KK  295300
579          KM   Normal depth channel route from C295 to C300.
580          KM       Source:  Hydrology Field Reconnaissance, page 10
581          KM       Elevations were adjusted up 0.3' from field book
582          RS       1    FLOW     -1
583          RC   0.050   0.035   0.050    3000  0.0240
584          RX  1000.0  1010.6  1021.1  1035.6  1143.2  1150.2  1168.6  1180.6
585          RY   103.8   100.3    97.8    90.3    90.0    93.9    93.2    97.5
586          RL                    0.60    90.0
             *

587          KK    C300
588          KM      Combine routed hydrographs from C270 and C295 at C300.
589          HC       2
             *

590          KK  300310
591          KM   Normal depth channel route from C300 to C310.
592          KM       Source:  Hydrology Field Reconnaissance, page 9
593          RS       1    FLOW     -1
594          RC   0.100   0.035   0.045    4000  0.0188
595          RX  1000.0  1006.0  1012.5  1026.2  1072.7  1085.6  1091.6  1097.6
596          RY    98.8    95.6    92.0    90.0    90.0    92.1    98.6   105.0
597          RL                    0.95    90.0
             *
```

1 HEC-1 INPUT PAGE 15

```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

598          KK    S310
599          KM   Subbasin    GVW3
600          KM
601          KM    The Phoenix Desert/Rangeland S-Graph is used for this basin.
602          KM          Lag Used =  39.8 minutes
603          KM
604          BA   2.387
605          LG     .16      .34     5.40      .24     4.00
606          UI    202.     265.     700.    1104.    1459.    1756.    1900.    1915.    1782.    1474.
607          UI   1174.     951.     767.     609.     489.     394.     321.     248.     214.     145.
608          UI    138.     117.      49.      49.      49.      49.      49.      49.      49.       0.
609          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
610          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
             *

611          KK   C310L
612          KM      Combine routed hydrograph from C300 w/runoff from S310 at C310L.
```

```
613          HC       2
             *

614          KK    C310
615          KM      Combine hydrograph from C260 with hydrograph from C310L at C310.
616          HC       2
             *

617          KK  310390
618          KM   Normal depth channel route from C310 to C390.
619          KM       Source:  Hydrology Field Reconnaissance, page 24
620          RS       1    FLOW      -1
621          RC   0.070   0.055   0.070    2000  0.0125
622          RX  1000.0  1016.0  1243.0  1257.0  1329.0  1426.0  1501.0  1564.0
623          RY  2024.0  2014.0  2012.0  2008.0  2008.0  2012.0  2012.0  2024.0
624          RL                    0.95  2008.0
             *
             *
             * ****************** START ANDORA HILLS WASH MAJOR BASIN ************************
             *
             *

625          KK    S320
626          KM   Subbasin   AHW1
627          KM
628          KM      The Clark Unit Hydrograph is used for this basin.
629          KM          The HEC-1 time-area relation is used for this basin.
630          KM
631          KM      Time of Concentration for this subbasin is based on the following:
632          KM          An rainfall areal reduction factor of 1.000
633          KM
634          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
635          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
636          KM   .32 .32 .32 .32 .32 .32 .04 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
637          KM
638          KM          L=   0.950 miles, S=  201 feet/mile, Kb= .05
639          KM
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

640          BA   0.454
641          LG    0.16    0.27    6.00    0.19   22.00
642          UC   0.271   0.131
             *

643          KK  320340
644          KM   Normal depth channel route from C320 to C340.
645          KM       Source:  Hydrology Field Reconnaissance, page 1
646          RS       1    FLOW      -1
647          RC   0.080   0.040   0.080    1800  0.0139
648          RX   980.0  1010.0  1021.8  1030.7  1053.0  1060.2  1069.2  1078.0
649          RY    95.7    93.5    92.0    90.0    90.8    92.6    94.8    95.8
650          RL                    0.15    90.0
             *

651          KK    S330
652          KM   Subbasin   AHW4
653          KM
654          KM      The Clark Unit Hydrograph is used for this basin.
655          KM          The Urban time-area relation is used for this basin.
656          KM
657          KM      Time of Concentration for this subbasin is based on the following:
658          KM          An rainfall areal reduction factor of 1.000
659          KM
660          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
661          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
662          KM   .34 .34 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
663          KM
664          KM          L=   1.210 miles, S=  111 feet/mile, Kb= .04
665          KM
666          BA   0.164
667          LG    0.14    0.16    8.00    0.08   36.00
668          UC   0.321   0.342
669          UA       0       5      16      30      65      77      84      90      94      97
670          UA     100
             *

671          KK  330340
672          KM   Normal depth channel route from C330 to C340.
673          KM       Source:  Hydrology Field Reconnaissance, page 2
674          RS       1    FLOW      -1
675          RC   0.060   0.050   0.070    1400  0.0321
676          RX  1000.0  1002.8  1010.2  1016.0  1018.8  1023.0  1052.0  1072.5
677          RY    97.6    95.2    92.5    90.2    90.0    91.0    94.0    98.1
678          RL                    0.15    90.0
             *

679          KK   S340L
680          KM   Subbasin  AHW3
681          KM
682          KM      The Clark Unit Hydrograph is used for this basin.
683          KM          The HEC-1 time-area relation is used for this basin.
684          KM
685          KM      Time of Concentration for this subbasin is based on the following:
686          KM          An rainfall areal reduction factor of 1.000
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

687          KM
688          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
689          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
690          KM   .32 .32 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
691          KM
692          KM          L=   0.970 miles, S=  350 feet/mile, Kb= .10
```

```
693          KM
694          BA   0.240
695          LG    0.18    0.32    6.20    0.18   15.00
696          UC   0.333   0.241
             *

697          KK   S340R
698          KM   Subbasin  AHW2
699          KM
700          KM      The Clark Unit Hydrograph is used for this basin.
701          KM          The Urban time-area relation is used for this basin.
702          KM
703          KM      Time of Concentration for this subbasin is based on the following:
704          KM          An rainfall areal reduction factor of 1.000
705          KM
706          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
707          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
708          KM   .34 .34 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
709          KM
710          KM          L=   0.640 miles, S=  217 feet/mile, Kb= .06
711          KM
712          BA   0.065
713          LG    0.13    0.19    6.60    0.14   43.00
714          UC   0.233   0.244
715          UA      0       5      16      30      65      77      84      90      94      97
716          UA    100
             *

717          KK    C340
718          KM      Combine routed hydrographs from C320 and C340 w/runoff from S340L & S340R.
719          HC       4
             *

720          KK  340350
721          KM   Normal depth channel route from C340 to C350.
722          KM       Source:  Hydrology Field Reconnaissance, page 3
723          RS       1    FLOW      -1
724          RC   0.085   0.030   0.060    2100  0.0119
725          RX   997.5  1017.5  1029.0  1029.5  1047.2  1047.7  1065.1  1081.3
726          RY    96.2    92.7    90.6    90.2    90.0    90.5    93.1    96.3
727          RL                    0.15    90.0
             *

728          KK    S350
729          KM   Subbasin   AHW5
730          KM
731          KM      The Clark Unit Hydrograph is used for this basin.
732          KM          The HEC-1 time-area relation is used for this basin.
733          KM
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

734          KM      Time of Concentration for this subbasin is based on the following:
735          KM          An rainfall areal reduction factor of 1.000
736          KM
737          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
738          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
739          KM   .32 .32 .32 .32 .32 .32 .04 .04 .04 .04 .04 .03 .01 .01 .01 .01 .01 .01
740          KM
741          KM          L=   0.660 miles, S=  219 feet/mile, Kb= .08
742          KM
743          BA   0.161
744          LG    0.16    0.28    6.00    0.18   23.00
745          UC   0.279   0.182
             *

746          KK    C350
747          KM      Combine routed hydrograph from C340 w/runoff from S350 at C350.
748          HC       2
             *

749          KK  350360
750          KM   Normal depth channel route from C350 to C360.
751          KM       Source:  Hydrology Field Reconnaissance, page 4
752          RS       2    FLOW      -1
753          RC   0.070   0.045   0.070    4700  0.0213
754          RX  1000.0  1010.5  1032.2  1045.4  1060.2  1067.5  1107.6  1135.8
755          RY    97.1    93.4    92.0    90.0    90.2    93.6    93.5    96.5
756          RL                    0.15    90.0
             *

757          KK    S360
758          KM   Subbasin   AHW6
759          KM
760          KM      The Clark Unit Hydrograph is used for this basin.
761          KM          The HEC-1 time-area relation is used for this basin.
762          KM
763          KM      Time of Concentration for this subbasin is based on the following:
764          KM          An rainfall areal reduction factor of 1.000
765          KM
766          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
767          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
768          KM   .32 .32 .32 .32 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
769          KM
770          KM          L=   1.590 miles, S=  141 feet/mile, Kb= .09
771          KM
772          BA   0.578
773          LG    0.18    0.32    6.40    0.16   15.00
774          UC   0.550   0.377
             *

775          KK    C360
776          KM      Combine routed hydrograph from C350 w/runoff from S360 at C360.
777          HC       2
             *
```

```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 778          KK  360370
 779          KM   Normal depth channel route from C360 to C370.
 780          KM       Source:  Hydrology Field Reconnaissance, page 5
 781          RS       1    FLOW      -1
 782          RC   0.050   0.030   0.060    3600  0.0222
 783          RX  1000.0  1013.0  1023.0  1026.4  1040.0  1045.0  1052.9  1060.8
 784          RY    98.7    91.6    90.8    90.0    90.6    91.6    95.8   100.0
 785          RL                    0.30    90.0
              *

 786          KK    S370
 787          KM   Subbasin   AHW7
 788          KM
 789          KM      The Clark Unit Hydrograph is used for this basin.
 790          KM          The Urban time-area relation is used for this basin.
 791          KM
 792          KM      Time of Concentration for this subbasin is based on the following:
 793          KM          An rainfall areal reduction factor of 1.000
 794          KM
 795          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 796          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 797          KM   .34 .34 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
 798          KM
 799          KM          L=   1.500 miles, S=  137 feet/mile, Kb= .04
 800          KM
 801          BA   0.341
 802          LG    0.11    0.21    7.00    0.11   49.00
 803          UC   0.333   0.279
 804          UA       0       5      16      30      65      77      84      90      94      97
 805          UA     100
              *

 806          KK    C370
 807          KM      Combine routed hydrograph from C360 w/runoff from S370 at C370.
 808          HC       2
              *

 809          KK  370385
 810          KM   Normal depth channel route from C370 to C385.
 811          KM       Source:  Hydrology Field Reconnaissance, page 6
 812          KM       End points were extended at a slope of 1:10 due to golf course
 813          RS       1    FLOW      -1
 814          RC   0.025   0.025   0.025    2800  0.0132
 815          RX   968.5  1008.5  1014.0  1014.5  1026.8  1027.3  1040.2  1071.8
 816          RY    97.9    93.9    91.4    90.0    90.5    91.4    93.6    97.9
 817          RL                    0.35    90.0
              *

 818          KK    S380
 819          KM   Subbasin   AHW8
 820          KM
 821          KM      The Clark Unit Hydrograph is used for this basin.
 822          KM          The Urban time-area relation is used for this basin.
 823          KM
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 824          KM      Time of Concentration for this subbasin is based on the following:
 825          KM          An rainfall areal reduction factor of 1.000
 826          KM
 827          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 828          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 829          KM   .33 .33 .33 .32 .32 .32 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
 830          KM
 831          KM          L=   0.980 miles, S=  317 feet/mile, Kb= .04
 832          KM
 833          BA   0.415
 834          LG    0.18    0.21    7.00    0.12   15.00
 835          UC   0.213   0.108
 836          UA       0       5      16      30      65      77      84      90      94      97
 837          UA     100
              *

 838          KK  380385
 839          KM   Normal depth channel route from C380 to C385.
 840          KM       Source:  Hydrology Field Reconnaissance, page 8
 841          KM       End points were extended
 842          RS       1    FLOW      -1
 843          RC   0.060   0.035   0.060    2900  0.0110
 844          RX  1000.0  1016.4  1025.9  1032.9  1042.6  1049.3  1059.5  1071.0
 845          RY    96.4    92.6    90.8    90.0    90.2    91.0    92.6    95.6
 846          RL                    0.10    90.0
              *

 847          KK    C385
 848          KM      Combine routed hydrographs from C370 and C380 at C385.
 849          HC       2
              *

 850          KK  385390
 851          KM   Normal depth channel route from C385 to C390.
 852          KM       Source:  Hydrology Field Reconnaissance, page 7
 853          RS       1    FLOW      -1
 854          RC   0.070   0.035   0.060    2600  0.0223
 855          RX   998.0  1002.0  1012.5  1020.7  1028.2  1031.9  1041.7  1072.7
 856          RY    98.3    96.1    91.2    90.3    90.0    91.8    92.4    98.3
 857          RL                    0.05    90.0
              *

 858          KK    S390
```

```
859          KM   Subbasin   AHW9
860          KM
861          KM      The Clark Unit Hydrograph is used for this basin.
862          KM          The Urban time-area relation is used for this basin.
863          KM
864          KM      Time of Concentration for this subbasin is based on the following:
865          KM          An rainfall areal reduction factor of 1.000
866          KM
867          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
868          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
869          KM    .32 .32 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .01 .01 .01 .01 .01 .01
870          KM
1                                          HEC-1 INPUT                                                    PAGE 21

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

871          KM          L=   1.520 miles, S=  158 feet/mile, Kb= .04
872          KM
873          BA   0.347
874          LG    0.15    0.28    6.60    0.15   15.00
875          UC   0.329   0.275
876          UA       0       5      16      30      65      77      84      90      94      97
877          UA     100
             *

878          KK   C390L
879          KM      Combine routed hydrograph from C385 w/runoff from S390 at C390L.
880          HC       2
             *
             *
             * ******************** END ANDORA HILLS WASH MAJOR BASIN **********************
             *
             *

881          KK    C390
882          KM      Combine routed hydrograph from C310 with hydrograph from C390L at C390.
883          HC       2
             *

884          KK  390400
885          KM   Modified pulse channel route from C390 to C400.
886          KM       Source:  Rating curve generated using HEC-RAS v1.1
887          RS       2    FLOW      -1
888          SV       0     222     316     420     468     514     558     601     642     681
889          SV     720     758     794     830     865     905     938     973    1005    1038
890          SQ       0    4000    8000   12000   14000   16000   18000   20000   22000   24000
891          SQ   26000   28000   30000   32000   34000   36000   38000   40000   42000   44000
892          SE    90.0    95.1    96.6    97.6    98.1    98.4    98.8    99.1    99.5    99.8
893          SE   100.0   100.3   100.6   100.8   101.1   101.4   101.6   101.9   102.1   102.3
894          RL                    0.75    90.0
             *

895          KK    S400
896          KM   Subbasin   CC12
897          KM
898          KM      The Phoenix Mountain S-Graph is used for this basin.
899          KM          Lag Used =  59.7 minutes
900          KM
901          BA   3.059
902          LG     .20     .35    6.80     .13   11.00
903          UI     265     369     935    1486    1867    2251    3029    2036    1617    1432
904          UI    1265    1091     936     755     649     589     494     395     338     290
905          UI     257     203     199     130     130     130      99      51      51      51
906          UI      51      51      51      51      51       0       0       0       0       0
907          UI       0       0       0       0       0       0       0       0       0       0
             *
1                                          HEC-1 INPUT                                                    PAGE 22

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

908          KK   C400R
909          KO       1                                  21
910          KM      Combine routed hydrograph from C390 w/runoff from S400 at C400R.
911          HC       2
             *

912          KK   S400L
913          KM   Subbasin  UNT3
914          KM
915          KM      The Phoenix Desert/Rangeland S-Graph is used for this basin.
916          KM          Lag Used =  79.5 minutes
917          KM
918          BA   5.026
919          LG     .18     .32    6.00     .19   13.00
920          UI    213.    213.    213.    350.    627.    855.   1074.   1263.   1468.   1618.
921          UI   1802.   1910.   1972.   2040.   2040.   1999.   1927.   1825.   1618.   1479.
922          UI   1293.   1170.   1049.    949.    847.    763.    668.    607.    549.    475.
923          UI    425.    401.    346.    326.    291.    226.    226.    226.    153.    146.
924          UI    146.    146.    146.     93.     52.     52.     52.     52.     52.     52.
925          UI     52.     52.     52.     52.     52.     52.     52.     52.      0.      0.
926          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
             *

927          KK    C400
928          KO       1                                  21
929          KM      Combine hydrograph C400R w/runoff from S400L at C400.
930          HC       2
             *

931          KK  400410
932          KM   Modified pulse channel route from C400 to C410.
933          KM       Source:  Rating curve generated using HEC-RAS v1.1
934          RS       2    FLOW      -1
935          SV       0      96     183     250     281     319     346     375     400     424
936          SV     448     472     496     520     545     579     602     624     647     669
```

```
937          SQ       0    4000    8000   12000   14000   16000   18000   20000   22000   24000
938          SQ   26000   28000   30000   32000   34000   36000   38000   40000   42000   50000
939          SE    90.0    94.9    96.2    97.6    98.0    98.4    98.7    99.0    99.3    99.6
940          SE    99.8   100.1   100.3   100.6   100.8   101.1   101.3   101.5   101.7   101.9
941          RL                    0.60    90.0
             *

942          KK    S410
943          KM   Subbasin CC13
944          KM
945          KM      The Phoenix Desert/Rangeland S-Graph is used for this basin.
946          KM          Lag Used =  27.4 minutes
947          KM
948          BA   1.308
949          LG     .16     .28    7.60     .10    4.00
950          UI    161.    434.    924.   1306.   1515.   1481.   1190.    862.    632.    453.
951          UI    328.    248.    170.    117.    107.     39.     39.     39.     39.     39.
952          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
953          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
             *
1                                                HEC-1 INPUT                                          PAGE 23

        LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


954          KK    C410
955          KO       1                                21
956          KM      Combine routed hydrograph from C400 w/runoff from S410 at C410.
957          HC       2
             *
958          ZZ
1
                SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
 LINE      (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

  NO.      (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   47       S110L
                .
                .
   63           .       S110R
                .          .
                .          .
   81        C110............
                V
                V
   84      110120
                .
                .
   93           .        S120
                .          .
                .          .
  109        C120............
                V
                V
  112      120130
                .
                .
  121           .        S130
                .          .
                .          .
  134        C130............
                V
                V
  137      130140
                .
                .
  146           .        S140
                .          .
                .          .
  159        C140............
                V
                V
  162      140150
                .
                .
  171           .        S150
                .          .
                .          .
  183           .          .       S150R
                .          .          .
                .          .          .
  195        C150........................
                V
                V
  198      150160
                .
                .
  207           .        S160
                .          .
                .          .
  220        C160............
                V
                V
  223      160170
                .
                .
  231           .        S170
                .          .
                .          .
  243           .          .       S170R
                .          .          .
                .          .          .
  258        C170........................
                V
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                V
261       170180
                .
                .
270             .        S180
                .           .
                .           .
284         C180............
                V
                V
287       180190
                .
                .
296             .       S190L
                .           .
                .           .
309             .           .      S190R
                .           .         .
                .           .         .
324         C190........................
                V
                V
327       190200
                .
                .
336             .        S200
                .           .
                .           .
348         C200............
                V
                V
351       200210
                .
                .
359             .        S210
                .           .
                .           .
376         C210............
                V
                V
379       210220
                .
                .
387             .        S220
                .           .
                .           .
400         C220............
                V
                V
403       220230
                .
                .
411             .        S230
                .           .
                .           .
424         C230............
                V
                V
427       230240
                .
                .
435             .        S240
                .           .
                .           .
448         C240............
                V
                V
451       240250
                .
                .
459             .        S250
                .           .
                .           .
473         C250............
                V
                V
476       250260
                .
                .
484             .       S260L
                .           .
                .           .
499             .           .      S260R
                .           .         .
                .           .         .
511         C260........................
                .
                .
514             .        S270
                .           V
                .           V
530             .      270300
                .           .
                .           .
538             .           .       S280
                .           .          V
                .           .          V
553             .           .      280295
                .           .          .
                .           .          .
561             .           .          .        S290
                .           .          .           .
                .           .          .           .
575             .           .       C295............
                .           .          V
                .           .          V
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578          .           .      295300
             .           .           .
             .           .           .
587          .       C300............
             .          V
             .          V
590          .      300310
             .           .
             .           .
598          .           .        S310
             .           .           .
             .           .           .
611          .      C310L............
             .           .
             .           .
614       C310............
             V
             V
617      310390
             .
             .
625          .       S320
             .          V
             .          V
643          .      320340
             .           .
             .           .
651          .           .        S330
             .           .           V
             .           .           V
671          .           .      330340
             .           .           .
             .           .           .
679          .           .           .       S340L
             .           .           .          .
             .           .           .          .
697          .           .           .          .       S340R
             .           .           .          .          .
             .           .           .          .          .
717          .       C340.....................................
             .          V
             .          V
720          .      340350
             .           .
             .           .
728          .           .        S350
             .           .           .
             .           .           .
746          .       C350............
             .          V
             .          V
749          .      350360
             .           .
             .           .
757          .           .        S360
             .           .           .
             .           .           .
775          .       C360............
             .          V
             .          V
778          .      360370
             .           .
             .           .
786          .           .        S370
             .           .           .
             .           .           .
806          .       C370............
             .          V
             .          V
809          .      370385
             .           .
             .           .
818          .           .        S380
             .           .           V
             .           .           V
838          .           .      380385
             .           .           .
             .           .           .
847          .       C385............
             .          V
             .          V
850          .      385390
             .           .
             .           .
858          .           .        S390
             .           .           .
             .           .           .
878          .      C390L............
             .           .
             .           .
881       C390............
             V
             V
884      390400
             .
             .
895          .        S400
             .           .
             .           .
908       C400R...........
             .
             .
912          .       S400L
             .           .
             .           .
927       C400............
```

```
                V
                V
931        400410
                .
                .
942             .        S410
                .           .
                .           .
954         C410............
```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*              JUN   1998               *
*            VERSION 4.1                *
*                                       *
*  RUN DATE   07MAR01  TIME  15:11:28   *
*                                       *
*****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
```

Upper Cave Creek/Apache Wash Watercourse Master Plan File: CCFIS100.IH1
By: ASL Consulting Engineers Original: 07/31/98
For: Flood Control District of Maricopa County Revised: 05/31/99

Cave Creek Watershed at Cave Buttes Dam
Combined HEC-1 models from:

1. George V. Sabol Consulting Engineers FCD 95-28
   Cave Creek Watershed at the Carefree Highway
   Original model dated 06-17-96 by mcg
   GVSCE Project No. 84

2. Willdan Associates FCD 95-30
   Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
   Original model dated 11-29-96
   Willdan Project No. 08855

Model Basis:

100-year, 24-hr rainfall with SCS Type II distribution
Green & Ampt Loss Rate Method
NMIN = 5
Phoenix Mountain and Desert/Rangeland S-Graph
Clark Unit Hydrograph
Modified Puls channel storage routing
200 Scale 2' CI mapping of study reach by Aerial Mapping Company

```
28 IO          OUTPUT CONTROL VARIABLES
                     IPRNT          5  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

   IT          HYDROGRAPH TIME DATA
                      NMIN          5  MINUTES IN COMPUTATION INTERVAL
                     IDATE      1   0  STARTING DATE
                     ITIME       0000  STARTING TIME
                        NQ        900  NUMBER OF HYDROGRAPH ORDINATES
                    NDDATE      4   0  ENDING DATE
                    NDTIME       0255  ENDING TIME
                     ICENT         19  CENTURY MARK

                 COMPUTATION INTERVAL     .08 HOURS
                      TOTAL TIME BASE   74.92 HOURS

        ENGLISH UNITS
             DRAINAGE AREA          SQUARE MILES
             PRECIPITATION DEPTH    INCHES
             LENGTH, ELEVATION      FEET
             FLOW                   CUBIC FEET PER SECOND
             STORAGE VOLUME         ACRE-FEET
             SURFACE AREA           ACRES
             TEMPERATURE            DEGREES FAHRENHEIT

30 JD           INDEX STORM NO. 1
                      STRM       4.98  PRECIPITATION DEPTH
                      TRDA        .01  TRANSPOSITION DRAINAGE AREA

31 PI            PRECIPITATION PATTERN
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .01       .01       .01       .00
                    .01       .00       .01       .01       .01       .01       .01       .01       .06       .06
                    .06       .06       .06       .06       .01       .01       .01       .01       .01       .01
                    .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
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                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

41 JD INDEX STORM NO. 2
STRM 4.97 PRECIPITATION DEPTH
TRDA 1.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.01	.01	.01	.00
.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00		

42 JD INDEX STORM NO. 3
STRM 4.68 PRECIPITATION DEPTH
TRDA 10.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.01	.01	.01	.00
.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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43 JD INDEX STORM NO. 4
STRM 4.53 PRECIPITATION DEPTH
TRDA 20.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.01	.01	.01	.00
.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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44 JD INDEX STORM NO. 5
STRM 4.26 PRECIPITATION DEPTH
TRDA 70.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.01	.01	.01	.00
.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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45 JD INDEX STORM NO. 6
STRM 4.15 PRECIPITATION DEPTH
TRDA 130.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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46 JD INDEX STORM NO. 7
STRM 4.15 PRECIPITATION DEPTH
TRDA 200.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.01	.01	.01	.00
.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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          *            *
908 KK    *    C400R   *
          *            *
          **************

909 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .083  TIME INTERVAL IN HOURS

                    Combine routed hydrograph from C390 w/runoff from S400 at C400R.

911 HC          HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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*****************************************************************************************************************************

                                        HYDROGRAPH AT     C400R
                                   TRANSPOSITION AREA       .0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2983.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2840.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2701.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2568.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	1.	*	1		1905	230	2440.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	2.	*	1		1910	231	2318.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	3.	*	1		1915	232	2204.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	4.	*	1		1920	233	2097.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	5.	*	1		1925	234	1995.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	6.	*	1		1930	235	1899.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	7.	*	1		1935	236	1809.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	8.	*	1		1940	237	1726.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	9.	*	1		1945	238	1648.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	10.	*	1		1950	239	1576.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	10.	*	1		1955	240	1508.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	10.	*	1		2000	241	1445.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	10.	*	1		2005	242	1387.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	10.	*	1		2010	243	1332.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	10.	*	1		2015	244	1281.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	10.	*	1		2020	245	1233.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	11.	*	1		2025	246	1189.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	11.	*	1		2030	247	1148.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	12.	*	1		2035	248	1110.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	15.	*	1		2040	249	1073.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	19.	*	1		2045	250	1038.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	23.	*	1		2050	251	1005.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	27.	*	1		2055	252	974.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	31.	*	1		2100	253	945.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	36.	*	1		2105	254	917.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	40.	*	1		2110	255	891.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	44.	*	1		2115	256	866.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	48.	*	1		2120	257	842.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	53.	*	1		2125	258	820.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	57.	*	1		2130	259	799.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	62.	*	1		2135	260	779.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	66.	*	1		2140	261	759.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	71.	*	1		2145	262	740.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	75.	*	1		2150	263	721.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	79.	*	1		2155	264	704.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	83.	*	1		2200	265	688.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	87.	*	1		2205	266	673.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	91.	*	1		2210	267	659.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	96.	*	1		2215	268	645.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	100.	*	1		2220	269	633.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	104.	*	1		2225	270	620.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	108.	*	1		2230	271	608.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	112.	*	1		2235	272	595.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	116.	*	1		2240	273	583.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	120.	*	1		2245	274	572.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	124.	*	1		2250	275	561.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	128.	*	1		2255	276	550.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	132.	*	1		2300	277	539.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	136.	*	1		2305	278	529.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	140.	*	1		2310	279	519.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	144.	*	1		2315	280	509.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	148.	*	1		2320	281	499.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	151.	*	1		2325	282	489.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	155.	*	1		2330	283	480.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	158.	*	1		2335	284	471.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	162.	*	1		2340	285	463.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	167.	*	1		2345	286	454.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	171.	*	1		2350	287	446.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	175.	*	1		2355	288	438.	*	2		1840	513	0.	*	3		1325	738	0.
1		0515	64	180.	*	2		0000	289	430.	*	2		1845	514	0.	*	3		1330	739	0.

1	0520	65	184.	*	2	0005	290	422.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	189.	*	2	0010	291	415.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	193.	*	2	0015	292	407.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	198.	*	2	0020	293	399.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	202.	*	2	0025	294	391.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	207.	*	2	0030	295	384.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	211.	*	2	0035	296	375.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	215.	*	2	0040	297	368.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	219.	*	2	0045	298	360.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	223.	*	2	0050	299	352.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	228.	*	2	0055	300	344.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	232.	*	2	0100	301	336.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	236.	*	2	0105	302	327.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	240.	*	2	0110	303	319.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	244.	*	2	0115	304	310.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	248.	*	2	0120	305	301.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	252.	*	2	0125	306	292.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	256.	*	2	0130	307	283.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	261.	*	2	0135	308	273.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	265.	*	2	0140	309	264.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	270.	*	2	0145	310	254.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	274.	*	2	0150	311	245.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	279.	*	2	0155	312	236.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	284.	*	2	0200	313	226.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	290.	*	2	0205	314	217.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	295.	*	2	0210	315	208.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	301.	*	2	0215	316	199.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	307.	*	2	0220	317	191.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	313.	*	2	0225	318	183.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	320.	*	2	0230	319	175.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	326.	*	2	0235	320	167.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	333.	*	2	0240	321	160.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	339.	*	2	0245	322	154.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	346.	*	2	0250	323	147.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	353.	*	2	0255	324	141.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	361.	*	2	0300	325	135.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	368.	*	2	0305	326	130.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	376.	*	2	0310	327	124.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	384.	*	2	0315	328	119.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	392.	*	2	0320	329	114.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	400.	*	2	0325	330	109.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	408.	*	2	0330	331	104.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	416.	*	2	0335	332	99.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	424.	*	2	0340	333	95.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	433.	*	2	0345	334	91.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	442.	*	2	0350	335	87.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	451.	*	2	0355	336	82.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	460.	*	2	0400	337	79.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	469.	*	2	0405	338	75.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	479.	*	2	0410	339	71.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	488.	*	2	0415	340	67.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	498.	*	2	0420	341	64.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	508.	*	2	0425	342	61.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	518.	*	2	0430	343	57.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	528.	*	2	0435	344	54.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	538.	*	2	0440	345	51.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	549.	*	2	0445	346	49.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	560.	*	2	0450	347	46.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	570.	*	2	0455	348	44.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	582.	*	2	0500	349	42.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	593.	*	2	0505	350	40.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	605.	*	2	0510	351	38.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	618.	*	2	0515	352	36.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	632.	*	2	0520	353	34.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	646.	*	2	0525	354	32.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	661.	*	2	0530	355	31.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	677.	*	2	0535	356	29.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	694.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	712.	*	2	0545	358	26.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	732.	*	2	0550	359	25.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	754.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	779.	*	2	0600	361	23.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	810.	*	2	0605	362	21.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	847.	*	2	0610	363	20.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	891.	*	2	0615	364	19.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1018.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1185.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1540.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2112.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2902.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3971.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5633.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7837.	*	2	0655	372	11.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12205.	*	2	0700	373	10.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16405.	*	2	0705	374	8.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	21182.	*	2	0710	375	7.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	25968.	*	2	0715	376	6.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	30091.	*	2	0720	377	5.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	33671.	*	2	0725	378	4.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	36493.	*	2	0730	379	4.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	38522.	*	2	0735	380	3.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	40183.	*	2	0740	381	2.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	41242.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	42077.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	42767.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	43276.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	43577.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	43689.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	43586.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	43290.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	42837.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	42236.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	41503.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	40678.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	39814.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	38858.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.

1	1410	171	37739.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	36526.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	35414.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	34211.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	32728.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	31250.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	29781.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	28332.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	26960.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	25610.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	24307.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23041.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	21842.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	20738.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	19686.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	18699.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	17756.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16870.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16021.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15232.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14464.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13737.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13060.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12419.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11825.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11274.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10733.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10210.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9712.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9242.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8802.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8383.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7982.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7576.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7210.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6874.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6560.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6264.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5982.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5716.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5464.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5225.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4995.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4770.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4547.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4329.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4137.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3990.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3907.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3804.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3685.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3554.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3416.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3273.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3128.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 43689.	13.42	(CFS)	22108.	6070.	2027.	1948.
		(INCHES)	1.741	1.912	1.916	1.916
		(AC-FT)	10963.	12040.	12062.	12062.

CUMULATIVE AREA = 118.05 SQ MI

****

HYDROGRAPH AT C400R
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2976.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2834.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2695.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2561.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2434.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2313.	2		1355	456	0.	3		0840	681	0.
1		0030	7	3.	1		1915	232	2199.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	2092.	2		1405	458	0.	3		0850	683	0.
1		0040	9	5.	1		1925	234	1990.	2		1410	459	0.	3		0855	684	0.
1		0045	10	6.	1		1930	235	1895.	2		1415	460	0.	3		0900	685	0.
1		0050	11	7.	1		1935	236	1805.	2		1420	461	0.	3		0905	686	0.
1		0055	12	8.	1		1940	237	1722.	2		1425	462	0.	3		0910	687	0.
1		0100	13	9.	1		1945	238	1644.	2		1430	463	0.	3		0915	688	0.
1		0105	14	10.	1		1950	239	1572.	2		1435	464	0.	3		0920	689	0.
1		0110	15	10.	1		1955	240	1505.	2		1440	465	0.	3		0925	690	0.
1		0115	16	10.	1		2000	241	1442.	2		1445	466	0.	3		0930	691	0.
1		0120	17	10.	1		2005	242	1384.	2		1450	467	0.	3		0935	692	0.
1		0125	18	10.	1		2010	243	1329.	2		1455	468	0.	3		0940	693	0.
1		0130	19	10.	1		2015	244	1278.	2		1500	469	0.	3		0945	694	0.
1		0135	20	10.	1		2020	245	1231.	2		1505	470	0.	3		0950	695	0.
1		0140	21	11.	1		2025	246	1187.	2		1510	471	0.	3		0955	696	0.
1		0145	22	11.	1		2030	247	1146.	2		1515	472	0.	3		1000	697	0.
1		0150	23	12.	1		2035	248	1108.	2		1520	473	0.	3		1005	698	0.
1		0155	24	15.	1		2040	249	1071.	2		1525	474	0.	3		1010	699	0.
1		0200	25	19.	1		2045	250	1036.	2		1530	475	0.	3		1015	700	0.
1		0205	26	23.	1		2050	251	1003.	2		1535	476	0.	3		1020	701	0.
1		0210	27	27.	1		2055	252	972.	2		1540	477	0.	3		1025	702	0.
1		0215	28	31.	1		2100	253	943.	2		1545	478	0.	3		1030	703	0.

1	0220	29	35.	*	1	2105	254	916.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	40.	*	1	2110	255	889.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	44.	*	1	2115	256	864.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	48.	*	1	2120	257	841.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	52.	*	1	2125	258	818.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	57.	*	1	2130	259	797.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	61.	*	1	2135	260	777.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	66.	*	1	2140	261	757.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	70.	*	1	2145	262	738.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	75.	*	1	2150	263	720.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	79.	*	1	2155	264	702.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	83.	*	1	2200	265	686.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	87.	*	1	2205	266	671.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	91.	*	1	2210	267	657.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	95.	*	1	2215	268	644.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	99.	*	1	2220	269	632.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	103.	*	1	2225	270	619.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	107.	*	1	2230	271	606.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	111.	*	1	2235	272	594.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	115.	*	1	2240	273	582.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	119.	*	1	2245	274	571.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	123.	*	1	2250	275	560.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	127.	*	1	2255	276	549.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	131.	*	1	2300	277	538.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	135.	*	1	2305	278	528.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	140.	*	1	2310	279	518.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	143.	*	1	2315	280	508.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	147.	*	1	2320	281	498.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	151.	*	1	2325	282	488.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	155.	*	1	2330	283	479.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	158.	*	1	2335	284	470.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	162.	*	1	2340	285	462.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	166.	*	1	2345	286	453.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	171.	*	1	2350	287	445.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	175.	*	1	2355	288	437.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	179.	*	2	0000	289	429.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	183.	*	2	0005	290	421.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	188.	*	2	0010	291	414.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	193.	*	2	0015	292	406.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	197.	*	2	0020	293	398.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	202.	*	2	0025	294	390.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	206.	*	2	0030	295	383.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	210.	*	2	0035	296	375.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	214.	*	2	0040	297	367.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	219.	*	2	0045	298	359.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	223.	*	2	0050	299	351.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	227.	*	2	0055	300	343.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	231.	*	2	0100	301	335.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	235.	*	2	0105	302	327.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	239.	*	2	0110	303	318.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	243.	*	2	0115	304	309.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	247.	*	2	0120	305	300.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	251.	*	2	0125	306	291.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	256.	*	2	0130	307	282.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	260.	*	2	0135	308	273.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	265.	*	2	0140	309	263.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	269.	*	2	0145	310	254.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	273.	*	2	0150	311	244.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	278.	*	2	0155	312	235.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	284.	*	2	0200	313	226.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	289.	*	2	0205	314	217.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	295.	*	2	0210	315	207.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	300.	*	2	0215	316	199.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	306.	*	2	0220	317	190.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	312.	*	2	0225	318	182.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	319.	*	2	0230	319	174.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	325.	*	2	0235	320	167.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	332.	*	2	0240	321	160.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	338.	*	2	0245	322	153.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	345.	*	2	0250	323	147.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	352.	*	2	0255	324	141.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	360.	*	2	0300	325	135.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	367.	*	2	0305	326	129.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	375.	*	2	0310	327	124.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	383.	*	2	0315	328	119.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	391.	*	2	0320	329	113.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	399.	*	2	0325	330	109.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	407.	*	2	0330	331	104.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	415.	*	2	0335	332	99.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	423.	*	2	0340	333	95.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	432.	*	2	0345	334	90.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	441.	*	2	0350	335	86.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	450.	*	2	0355	336	82.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	459.	*	2	0400	337	78.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	468.	*	2	0405	338	74.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	477.	*	2	0410	339	71.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	487.	*	2	0415	340	67.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	497.	*	2	0420	341	64.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	507.	*	2	0425	342	60.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	517.	*	2	0430	343	57.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	527.	*	2	0435	344	54.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	537.	*	2	0440	345	51.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	547.	*	2	0445	346	49.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	558.	*	2	0450	347	46.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	569.	*	2	0455	348	44.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	580.	*	2	0500	349	42.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	592.	*	2	0505	350	39.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	604.	*	2	0510	351	37.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	616.	*	2	0515	352	36.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	630.	*	2	0520	353	34.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	644.	*	2	0525	354	32.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	659.	*	2	0530	355	31.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	675.	*	2	0535	356	29.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	692.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	710.	*	2	0545	358	26.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	730.	*	2	0550	359	25.	*	3	0035	584	0.	*	3	1920	809	0.

1	1110	135	752.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	777.	*	2	0600	361	22.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	808.	*	2	0605	362	21.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	844.	*	2	0610	363	20.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	887.	*	2	0615	364	19.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1014.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1180.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1534.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2104.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2893.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3958.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5614.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7793.	*	2	0655	372	10.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12158.	*	2	0700	373	9.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16345.	*	2	0705	374	8.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	21108.	*	2	0710	375	7.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	25879.	*	2	0715	376	6.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	29994.	*	2	0720	377	5.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	33567.	*	2	0725	378	4.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	36389.	*	2	0730	379	3.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	38389.	*	2	0735	380	2.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	40054.	*	2	0740	381	1.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	41104.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	41923.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	42614.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	43125.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	43422.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	43532.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	43430.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	43135.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	42684.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	42083.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	41355.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	40538.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	39689.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	38731.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	37608.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	36409.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	35321.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	34114.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	32628.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	31163.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	29702.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	28260.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	26896.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	25551.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	24251.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	22989.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	21795.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	20694.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	19646.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	18660.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	17720.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16835.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15990.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15202.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14434.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13710.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13035.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12395.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11803.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11253.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10713.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10190.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9692.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9223.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8784.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8366.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7964.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7560.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7195.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6860.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6547.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6251.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5970.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5705.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5453.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5215.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4985.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4760.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4537.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4320.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4130.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3986.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3902.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3799.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3679.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3548.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3409.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3266.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3121.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 43532.	13.42		22042.	6053.	2021.	1942.
		(INCHES)	1.736	1.907	1.910	1.910
		(AC-FT)	10930.	12006.	12027.	12026.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 10.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2774.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2637.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2505.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2380.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2261.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2149.	2		1355	456	0.	3		0840	681	0.
1		0030	7	3.	1		1915	232	2044.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	1946.	2		1405	458	0.	3		0850	683	0.
1		0040	9	5.	1		1925	234	1854.	2		1410	459	0.	3		0855	684	0.
1		0045	10	6.	1		1930	235	1766.	2		1415	460	0.	3		0900	685	0.
1		0050	11	7.	1		1935	236	1684.	2		1420	461	0.	3		0905	686	0.
1		0055	12	8.	1		1940	237	1608.	2		1425	462	0.	3		0910	687	0.
1		0100	13	8.	1		1945	238	1537.	2		1430	463	0.	3		0915	688	0.
1		0105	14	9.	1		1950	239	1471.	2		1435	464	0.	3		0920	689	0.
1		0110	15	9.	1		1955	240	1409.	2		1440	465	0.	3		0925	690	0.
1		0115	16	10.	1		2000	241	1351.	2		1445	466	0.	3		0930	691	0.
1		0120	17	10.	1		2005	242	1298.	2		1450	467	0.	3		0935	692	0.
1		0125	18	10.	1		2010	243	1247.	2		1455	468	0.	3		0940	693	0.
1		0130	19	10.	1		2015	244	1200.	2		1500	469	0.	3		0945	694	0.
1		0135	20	10.	1		2020	245	1156.	2		1505	470	0.	3		0950	695	0.
1		0140	21	10.	1		2025	246	1115.	2		1510	471	0.	3		0955	696	0.
1		0145	22	10.	1		2030	247	1077.	2		1515	472	0.	3		1000	697	0.
1		0150	23	11.	1		2035	248	1041.	2		1520	473	0.	3		1005	698	0.
1		0155	24	12.	1		2040	249	1007.	2		1525	474	0.	3		1010	699	0.
1		0200	25	15.	1		2045	250	974.	2		1530	475	0.	3		1015	700	0.
1		0205	26	19.	1		2050	251	943.	2		1535	476	0.	3		1020	701	0.
1		0210	27	23.	1		2055	252	913.	2		1540	477	0.	3		1025	702	0.
1		0215	28	27.	1		2100	253	886.	2		1545	478	0.	3		1030	703	0.
1		0220	29	30.	1		2105	254	860.	2		1550	479	0.	3		1035	704	0.
1		0225	30	34.	1		2110	255	835.	2		1555	480	0.	3		1040	705	0.
1		0230	31	38.	1		2115	256	811.	2		1600	481	0.	3		1045	706	0.
1		0235	32	42.	1		2120	257	789.	2		1605	482	0.	3		1050	707	0.
1		0240	33	46.	1		2125	258	768.	2		1610	483	0.	3		1055	708	0.
1		0245	34	50.	1		2130	259	749.	2		1615	484	0.	3		1100	709	0.
1		0250	35	54.	1		2135	260	730.	2		1620	485	0.	3		1105	710	0.
1		0255	36	58.	1		2140	261	712.	2		1625	486	0.	3		1110	711	0.
1		0300	37	62.	1		2145	262	694.	2		1630	487	0.	3		1115	712	0.
1		0305	38	67.	1		2150	263	677.	2		1635	488	0.	3		1120	713	0.
1		0310	39	71.	1		2155	264	662.	2		1640	489	0.	3		1125	714	0.
1		0315	40	74.	1		2200	265	647.	2		1645	490	0.	3		1130	715	0.
1		0320	41	78.	1		2205	266	633.	2		1650	491	0.	3		1135	716	0.
1		0325	42	82.	1		2210	267	620.	2		1655	492	0.	3		1140	717	0.
1		0330	43	85.	1		2215	268	608.	2		1700	493	0.	3		1145	718	0.
1		0335	44	89.	1		2220	269	596.	2		1705	494	0.	3		1150	719	0.
1		0340	45	93.	1		2225	270	584.	2		1710	495	0.	3		1155	720	0.
1		0345	46	96.	1		2230	271	572.	2		1715	496	0.	3		1200	721	0.
1		0350	47	100.	1		2235	272	560.	2		1720	497	0.	3		1205	722	0.
1		0355	48	104.	1		2240	273	549.	2		1725	498	0.	3		1210	723	0.
1		0400	49	107.	1		2245	274	538.	2		1730	499	0.	3		1215	724	0.
1		0405	50	111.	1		2250	275	527.	2		1735	500	0.	3		1220	725	0.
1		0410	51	115.	1		2255	276	517.	2		1740	501	0.	3		1225	726	0.
1		0415	52	119.	1		2300	277	507.	2		1745	502	0.	3		1230	727	0.
1		0420	53	123.	1		2305	278	497.	2		1750	503	0.	3		1235	728	0.
1		0425	54	127.	1		2310	279	487.	2		1755	504	0.	3		1240	729	0.
1		0430	55	130.	1		2315	280	477.	2		1800	505	0.	3		1245	730	0.
1		0435	56	134.	1		2320	281	468.	2		1805	506	0.	3		1250	731	0.
1		0440	57	137.	1		2325	282	459.	2		1810	507	0.	3		1255	732	0.
1		0445	58	141.	1		2330	283	450.	2		1815	508	0.	3		1300	733	0.
1		0450	59	144.	1		2335	284	442.	2		1820	509	0.	3		1305	734	0.
1		0455	60	147.	1		2340	285	434.	2		1825	510	0.	3		1310	735	0.
1		0500	61	151.	1		2345	286	426.	2		1830	511	0.	3		1315	736	0.
1		0505	62	154.	1		2350	287	418.	2		1835	512	0.	3		1320	737	0.
1		0510	63	158.	1		2355	288	410.	2		1840	513	0.	3		1325	738	0.
1		0515	64	161.	2		0000	289	403.	2		1845	514	0.	3		1330	739	0.
1		0520	65	165.	2		0005	290	395.	2		1850	515	0.	3		1335	740	0.
1		0525	66	169.	2		0010	291	388.	2		1855	516	0.	3		1340	741	0.
1		0530	67	173.	2		0015	292	381.	2		1900	517	0.	3		1345	742	0.
1		0535	68	177.	2		0020	293	374.	2		1905	518	0.	3		1350	743	0.
1		0540	69	181.	2		0025	294	366.	2		1910	519	0.	3		1355	744	0.
1		0545	70	185.	2		0030	295	359.	2		1915	520	0.	3		1400	745	0.
1		0550	71	190.	2		0035	296	352.	2		1920	521	0.	3		1405	746	0.
1		0555	72	194.	2		0040	297	344.	2		1925	522	0.	3		1410	747	0.
1		0600	73	198.	2		0045	298	337.	2		1930	523	0.	3		1415	748	0.
1		0605	74	202.	2		0050	299	330.	2		1935	524	0.	3		1420	749	0.
1		0610	75	206.	2		0055	300	322.	2		1940	525	0.	3		1425	750	0.
1		0615	76	210.	2		0100	301	315.	2		1945	526	0.	3		1430	751	0.
1		0620	77	214.	2		0105	302	307.	2		1950	527	0.	3		1435	752	0.
1		0625	78	218.	2		0110	303	299.	2		1955	528	0.	3		1440	753	0.
1		0630	79	222.	2		0115	304	290.	2		2000	529	0.	3		1445	754	0.
1		0635	80	226.	2		0120	305	282.	2		2005	530	0.	3		1450	755	0.
1		0640	81	230.	2		0125	306	273.	2		2010	531	0.	3		1455	756	0.
1		0645	82	234.	2		0130	307	264.	2		2015	532	0.	3		1500	757	0.
1		0650	83	238.	2		0135	308	255.	2		2020	533	0.	3		1505	758	0.
1		0655	84	242.	2		0140	309	246.	2		2025	534	0.	3		1510	759	0.
1		0700	85	246.	2		0145	310	237.	2		2030	535	0.	3		1515	760	0.
1		0705	86	250.	2		0150	311	228.	2		2035	536	0.	3		1520	761	0.
1		0710	87	255.	2		0155	312	219.	2		2040	537	0.	3		1525	762	0.
1		0715	88	260.	2		0200	313	210.	2		2045	538	0.	3		1530	763	0.
1		0720	89	265.	2		0205	314	202.	2		2050	539	0.	3		1535	764	0.
1		0725	90	270.	2		0210	315	193.	2		2055	540	0.	3		1540	765	0.
1		0730	91	275.	2		0215	316	185.	2		2100	541	0.	3		1545	766	0.
1		0735	92	280.	2		0220	317	177.	2		2105	542	0.	3		1550	767	0.
1		0740	93	286.	2		0225	318	169.	2		2110	543	0.	3		1555	768	0.
1		0745	94	291.	2		0230	319	162.	2		2115	544	0.	3		1600	769	0.
1		0750	95	297.	2		0235	320	155.	2		2120	545	0.	3		1605	770	0.
1		0755	96	303.	2		0240	321	149.	2		2125	546	0.	3		1610	771	0.
1		0800	97	310.	2		0245	322	142.	2		2130	547	0.	3		1615	772	0.
1		0805	98	316.	2		0250	323	136.	2		2135	548	0.	3		1620	773	0.

1	0810	99	323.	*	2	0255	324	130.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	329.	*	2	0300	325	125.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	337.	*	2	0305	326	119.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	344.	*	2	0310	327	114.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	352.	*	2	0315	328	109.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	359.	*	2	0320	329	104.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	367.	*	2	0325	330	99.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	374.	*	2	0330	331	95.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	382.	*	2	0335	332	90.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	390.	*	2	0340	333	86.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	398.	*	2	0345	334	82.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	406.	*	2	0350	335	78.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	415.	*	2	0355	336	74.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	423.	*	2	0400	337	70.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	432.	*	2	0405	338	67.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	440.	*	2	0410	339	63.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	449.	*	2	0415	340	60.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	459.	*	2	0420	341	57.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	468.	*	2	0425	342	54.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	477.	*	2	0430	343	51.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	487.	*	2	0435	344	48.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	497.	*	2	0440	345	46.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	507.	*	2	0445	346	43.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	517.	*	2	0450	347	41.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	528.	*	2	0455	348	39.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	538.	*	2	0500	349	37.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	549.	*	2	0505	350	35.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	561.	*	2	0510	351	34.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	573.	*	2	0515	352	32.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	585.	*	2	0520	353	30.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	599.	*	2	0525	354	29.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	612.	*	2	0530	355	28.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	627.	*	2	0535	356	26.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	643.	*	2	0540	357	25.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	660.	*	2	0545	358	24.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	678.	*	2	0550	359	22.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	697.	*	2	0555	360	21.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	718.	*	2	0600	361	20.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	742.	*	2	0605	362	19.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	769.	*	2	0610	363	18.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	801.	*	2	0615	364	17.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	908.	*	2	0620	365	16.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1054.	*	2	0625	366	15.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1376.	*	2	0630	367	14.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1901.	*	2	0635	368	13.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2630.	*	2	0640	369	12.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3616.	*	2	0645	370	11.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5104.	*	2	0650	371	10.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6875.	*	2	0655	372	9.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	10658.	*	2	0700	373	8.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	14636.	*	2	0705	374	7.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	18950.	*	2	0710	375	6.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	23343.	*	2	0715	376	5.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	27211.	*	2	0720	377	4.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	30532.	*	2	0725	378	3.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33210.	*	2	0730	379	2.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	35115.	*	2	0735	380	1.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	36309.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	37091.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	37745.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	38285.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	38674.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	38896.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	38981.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	38913.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	38697.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	38338.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	37821.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	37192.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36500.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	35834.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	35107.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	34243.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	33188.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	32109.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	31012.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	29835.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	28622.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	27420.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	26213.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	25003.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23783.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22601.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21483.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20419.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19408.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18441.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17521.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16652.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15826.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15048.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14292.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13583.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	12916.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12285.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11704.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11153.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10614.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10092.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9594.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9126.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8685.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8265.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7855.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7456.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7095.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.

1	1700	205	6764.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6454.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6162.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5885.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5622.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5374.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5138.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4911.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4687.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4462.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4251.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4070.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3956.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3865.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3755.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3629.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3492.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3350.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3204.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3059.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2915.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 38981.	13.42	(CFS)	20155.	5544.	1851.	1779.
		(INCHES)	1.587	1.747	1.750	1.750
		(AC-FT)	9994.	10997.	11016.	11016.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2666.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2532.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2405.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2285.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	1.	*	1		1905	230	2171.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	2.	*	1		1910	231	2064.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	3.	*	1		1915	232	1965.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	4.	*	1		1920	233	1871.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	5.	*	1		1925	234	1783.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	6.	*	1		1930	235	1700.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	7.	*	1		1935	236	1622.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	8.	*	1		1940	237	1549.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	8.	*	1		1945	238	1481.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	9.	*	1		1950	239	1418.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	9.	*	1		1955	240	1359.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	9.	*	1		2000	241	1304.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	9.	*	1		2005	242	1253.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	9.	*	1		2010	243	1205.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	10.	*	1		2015	244	1160.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	9.	*	1		2020	245	1117.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	10.	*	1		2025	246	1078.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	10.	*	1		2030	247	1041.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	10.	*	1		2035	248	1006.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	11.	*	1		2040	249	973.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	14.	*	1		2045	250	941.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	17.	*	1		2050	251	911.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	21.	*	1		2055	252	882.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	24.	*	1		2100	253	855.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	28.	*	1		2105	254	830.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	31.	*	1		2110	255	806.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	35.	*	1		2115	256	784.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	39.	*	1		2120	257	762.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	43.	*	1		2125	258	742.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	47.	*	1		2130	259	724.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	51.	*	1		2135	260	706.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	55.	*	1		2140	261	689.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	59.	*	1		2145	262	672.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	63.	*	1		2150	263	656.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	66.	*	1		2155	264	640.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	70.	*	1		2200	265	626.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	73.	*	1		2205	266	613.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	77.	*	1		2210	267	600.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	80.	*	1		2215	268	588.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	84.	*	1		2220	269	577.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	87.	*	1		2225	270	566.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	91.	*	1		2230	271	554.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	94.	*	1		2235	272	542.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	98.	*	1		2240	273	531.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	101.	*	1		2245	274	521.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	105.	*	1		2250	275	510.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	108.	*	1		2255	276	500.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	112.	*	1		2300	277	490.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	116.	*	1		2305	278	480.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	120.	*	1		2310	279	471.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	123.	*	1		2315	280	461.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	127.	*	1		2320	281	452.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	130.	*	1		2325	282	443.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	133.	*	1		2330	283	435.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	136.	*	1		2335	284	427.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	140.	*	1		2340	285	419.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	143.	*	1		2345	286	411.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	146.	*	1		2350	287	403.	*	2		1835	512	0.	*	3		1320	737	0.

1	0510	63	150.	*	1	2355	288	396.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	153.	*	2	0000	289	389.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	156.	*	2	0005	290	382.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	160.	*	2	0010	291	375.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	163.	*	2	0015	292	368.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	167.	*	2	0020	293	361.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	171.	*	2	0025	294	354.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	175.	*	2	0030	295	347.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	179.	*	2	0035	296	340.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	183.	*	2	0040	297	333.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	187.	*	2	0045	298	326.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	191.	*	2	0050	299	319.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	195.	*	2	0055	300	312.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	199.	*	2	0100	301	304.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	203.	*	2	0105	302	296.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	207.	*	2	0110	303	288.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	210.	*	2	0115	304	280.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	214.	*	2	0120	305	272.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	218.	*	2	0125	306	264.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	222.	*	2	0130	307	255.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	226.	*	2	0135	308	246.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	230.	*	2	0140	309	237.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	234.	*	2	0145	310	229.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	238.	*	2	0150	311	220.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	243.	*	2	0155	312	211.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	247.	*	2	0200	313	202.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	252.	*	2	0205	314	194.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	257.	*	2	0210	315	186.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	262.	*	2	0215	316	178.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	267.	*	2	0220	317	170.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	272.	*	2	0225	318	163.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	277.	*	2	0230	319	156.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	283.	*	2	0235	320	149.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	289.	*	2	0240	321	143.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	295.	*	2	0245	322	137.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	301.	*	2	0250	323	131.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	307.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	314.	*	2	0300	325	119.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	321.	*	2	0305	326	114.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	328.	*	2	0310	327	109.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	335.	*	2	0315	328	104.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	343.	*	2	0320	329	99.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	350.	*	2	0325	330	95.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	357.	*	2	0330	331	90.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	365.	*	2	0335	332	86.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	372.	*	2	0340	333	82.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	380.	*	2	0345	334	78.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	388.	*	2	0350	335	74.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	397.	*	2	0355	336	70.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	405.	*	2	0400	337	66.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	413.	*	2	0405	338	63.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	422.	*	2	0410	339	59.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	430.	*	2	0415	340	56.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	439.	*	2	0420	341	53.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	448.	*	2	0425	342	50.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	457.	*	2	0430	343	48.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	466.	*	2	0435	344	45.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	476.	*	2	0440	345	43.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	486.	*	2	0445	346	41.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	496.	*	2	0450	347	39.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	506.	*	2	0455	348	37.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	516.	*	2	0500	349	35.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	527.	*	2	0505	350	33.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	538.	*	2	0510	351	32.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	550.	*	2	0515	352	30.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	562.	*	2	0520	353	29.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	575.	*	2	0525	354	27.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	588.	*	2	0530	355	26.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	603.	*	2	0535	356	25.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	618.	*	2	0540	357	23.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	634.	*	2	0545	358	22.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	652.	*	2	0550	359	21.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	670.	*	2	0555	360	20.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	690.	*	2	0600	361	19.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	712.	*	2	0605	362	18.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	737.	*	2	0610	363	17.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	765.	*	2	0615	364	16.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	865.	*	2	0620	365	15.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1001.	*	2	0625	366	14.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1306.	*	2	0630	367	13.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1808.	*	2	0635	368	12.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2505.	*	2	0640	369	10.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3452.	*	2	0645	370	9.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4859.	*	2	0650	371	8.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6527.	*	2	0655	372	8.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	9873.	*	2	0700	373	7.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13811.	*	2	0705	374	6.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	17889.	*	2	0710	375	5.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	22094.	*	2	0715	376	4.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	25791.	*	2	0720	377	3.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	28998.	*	2	0725	378	2.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	31558.	*	2	0730	379	1.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	33401.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	34607.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	35316.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	35694.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	36033.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	36320.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	36522.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	36638.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	36623.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	36453.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	36178.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	35779.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	35268.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	34662.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.

1	1400	169	33956.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	33127.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	32268.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	31396.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	30478.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	29488.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	28434.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	27371.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	26273.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25152.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24004.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	22857.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	21756.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	20714.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	19702.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	18738.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	17808.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	16930.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16091.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15307.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	14546.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13820.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13144.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	12501.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11900.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11347.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10802.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10272.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9764.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9283.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8832.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8402.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7990.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7573.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7199.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6857.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6540.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6242.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5960.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5693.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5439.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5199.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4969.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4746.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4522.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4305.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4113.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3975.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3889.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3783.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3661.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3526.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3383.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3237.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3091.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2946.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2804.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS) 36638.	13.42	(CFS)	19199.	5287.	1765.	1696.
		(INCHES)	1.512	1.665	1.668	1.668
		(AC-FT)	9520.	10486.	10503.	10503.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2473.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2349.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2230.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	2119.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2015.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	1917.	2		1355	456	0.	3		0840	681	0.
1		0030	7	2.	1		1915	232	1826.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	1741.	2		1405	458	0.	3		0850	683	0.
1		0040	9	5.	1		1925	234	1661.	2		1410	459	0.	3		0855	684	0.
1		0045	10	5.	1		1930	235	1585.	2		1415	460	0.	3		0900	685	0.
1		0050	11	6.	1		1935	236	1513.	2		1420	461	0.	3		0905	686	0.
1		0055	12	7.	1		1940	237	1446.	2		1425	462	0.	3		0910	687	0.
1		0100	13	8.	1		1945	238	1384.	2		1430	463	0.	3		0915	688	0.
1		0105	14	8.	1		1950	239	1326.	2		1435	464	0.	3		0920	689	0.
1		0110	15	9.	1		1955	240	1272.	2		1440	465	0.	3		0925	690	0.
1		0115	16	9.	1		2000	241	1222.	2		1445	466	0.	3		0930	691	0.
1		0120	17	9.	1		2005	242	1175.	2		1450	467	0.	3		0935	692	0.
1		0125	18	9.	1		2010	243	1130.	2		1455	468	0.	3		0940	693	0.
1		0130	19	9.	1		2015	244	1088.	2		1500	469	0.	3		0945	694	0.
1		0135	20	9.	1		2020	245	1048.	2		1505	470	0.	3		0950	695	0.
1		0140	21	9.	1		2025	246	1011.	2		1510	471	0.	3		0955	696	0.
1		0145	22	9.	1		2030	247	977.	2		1515	472	0.	3		1000	697	0.
1		0150	23	10.	1		2035	248	944.	2		1520	473	0.	3		1005	698	0.
1		0155	24	10.	1		2040	249	913.	2		1525	474	0.	3		1010	699	0.
1		0200	25	10.	1		2045	250	883.	2		1530	475	0.	3		1015	700	0.
1		0205	26	13.	1		2050	251	854.	2		1535	476	0.	3		1020	701	0.

1	0210	27	17.	*	1	2055	252	827.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	20.	*	1	2100	253	802.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	23.	*	1	2105	254	779.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	26.	*	1	2110	255	756.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	30.	*	1	2115	256	735.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	33.	*	1	2120	257	716.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	37.	*	1	2125	258	697.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	40.	*	1	2130	259	680.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	44.	*	1	2135	260	664.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	48.	*	1	2140	261	648.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	51.	*	1	2145	262	633.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	55.	*	1	2150	263	618.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	59.	*	1	2155	264	603.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	62.	*	1	2200	265	590.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	65.	*	1	2205	266	577.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	68.	*	1	2210	267	566.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	72.	*	1	2215	268	554.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	75.	*	1	2220	269	543.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	78.	*	1	2225	270	532.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	81.	*	1	2230	271	521.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	84.	*	1	2235	272	510.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	87.	*	1	2240	273	499.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	90.	*	1	2245	274	489.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	94.	*	1	2250	275	479.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	97.	*	1	2255	276	470.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	100.	*	1	2300	277	460.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	104.	*	1	2305	278	451.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	108.	*	1	2310	279	442.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	111.	*	1	2315	280	433.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	114.	*	1	2320	281	424.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	117.	*	1	2325	282	416.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	120.	*	1	2330	283	408.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	123.	*	1	2335	284	400.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	126.	*	1	2340	285	392.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	129.	*	1	2345	286	385.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	133.	*	1	2350	287	378.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	136.	*	1	2355	288	371.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	139.	*	2	0000	289	365.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	142.	*	2	0005	290	358.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	145.	*	2	0010	291	352.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	148.	*	2	0015	292	345.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	151.	*	2	0020	293	339.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	154.	*	2	0025	294	332.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	157.	*	2	0030	295	326.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	160.	*	2	0035	296	319.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	163.	*	2	0040	297	313.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	167.	*	2	0045	298	306.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	170.	*	2	0050	299	299.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	174.	*	2	0055	300	292.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	178.	*	2	0100	301	285.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	182.	*	2	0105	302	278.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	185.	*	2	0110	303	270.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	189.	*	2	0115	304	262.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	193.	*	2	0120	305	254.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	197.	*	2	0125	306	246.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	201.	*	2	0130	307	238.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	205.	*	2	0135	308	229.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	209.	*	2	0140	309	221.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	213.	*	2	0145	310	212.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	217.	*	2	0150	311	204.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	221.	*	2	0155	312	196.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	225.	*	2	0200	313	188.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	229.	*	2	0205	314	180.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	234.	*	2	0210	315	172.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	238.	*	2	0215	316	165.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	243.	*	2	0220	317	158.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	248.	*	2	0225	318	151.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	253.	*	2	0230	319	144.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	258.	*	2	0235	320	138.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	263.	*	2	0240	321	132.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	268.	*	2	0245	322	126.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	274.	*	2	0250	323	120.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	280.	*	2	0255	324	115.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	286.	*	2	0300	325	109.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	293.	*	2	0305	326	104.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	299.	*	2	0310	327	99.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	306.	*	2	0315	328	95.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	313.	*	2	0320	329	90.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	320.	*	2	0325	330	86.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	327.	*	2	0330	331	81.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	334.	*	2	0335	332	77.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	341.	*	2	0340	333	73.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	349.	*	2	0345	334	69.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	356.	*	2	0350	335	66.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	364.	*	2	0355	336	62.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	372.	*	2	0400	337	59.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	380.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	388.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	396.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	404.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	413.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	421.	*	2	0430	343	43.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	430.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	439.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	448.	*	2	0445	346	37.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	457.	*	2	0450	347	35.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	467.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	477.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	487.	*	2	0505	350	30.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	497.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	509.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	520.	*	2	0520	353	26.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	532.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	545.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	559.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	573.	*	2	0540	357	21.	*	3	0025	582	0.	*	3	1910	807	0.

1	1100	133	588.	*	2	0545	358	20.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	605.	*	2	0550	359	19.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	622.	*	2	0555	360	18.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	640.	*	2	0600	361	17.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	661.	*	2	0605	362	16.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	684.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	709.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	801.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	925.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1206.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1668.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2311.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3184.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4443.	*	2	0650	371	7.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5929.	*	2	0655	372	6.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	8517.	*	2	0700	373	5.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	12380.	*	2	0705	374	4.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	16072.	*	2	0710	375	3.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	19923.	*	2	0715	376	2.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	23294.	*	2	0720	377	1.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	26293.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	28603.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	30278.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	31354.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	31947.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	32259.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	32478.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	32640.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	32734.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	32770.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	32713.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	32548.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32275.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	31905.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	31453.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	30931.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	30360.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	29736.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29072.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28380.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27673.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26907.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	26056.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25158.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24200.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23206.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22203.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21231.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20270.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19338.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18420.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17534.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16687.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15876.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15112.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14367.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13662.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13000.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12370.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11784.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11235.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10693.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10166.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9661.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9183.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8733.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8302.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7882.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7470.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7099.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6759.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6444.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6148.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	5870.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5606.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5356.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5117.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4889.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4665.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4442.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4232.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4052.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3945.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3850.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3737.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3610.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3470.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3324.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3175.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3027.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2882.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2741.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2605.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 32770.	13.42		17522.	4834.	1614.	1551.
		(INCHES)	1.380	1.523	1.525	1.525
		(AC-FT)	8689.	9588.	9603.	9603.

CUMULATIVE AREA = 118.05 SQ MI

HYDROGRAPH AT C400R
TRANSPOSITION AREA 130.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2400.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2278.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2164.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	2056.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	1956.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	1862.	2		1355	456	0.	3		0840	681	0.
1		0030	7	2.	1		1915	232	1774.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	1692.	2		1405	458	0.	3		0850	683	0.
1		0040	9	4.	1		1925	234	1614.	2		1410	459	0.	3		0855	684	0.
1		0045	10	5.	1		1930	235	1541.	2		1415	460	0.	3		0900	685	0.
1		0050	11	6.	1		1935	236	1471.	2		1420	461	0.	3		0905	686	0.
1		0055	12	7.	1		1940	237	1407.	2		1425	462	0.	3		0910	687	0.
1		0100	13	7.	1		1945	238	1347.	2		1430	463	0.	3		0915	688	0.
1		0105	14	8.	1		1950	239	1291.	2		1435	464	0.	3		0920	689	0.
1		0110	15	8.	1		1955	240	1239.	2		1440	465	0.	3		0925	690	0.
1		0115	16	9.	1		2000	241	1190.	2		1445	466	0.	3		0930	691	0.
1		0120	17	9.	1		2005	242	1144.	2		1450	467	0.	3		0935	692	0.
1		0125	18	9.	1		2010	243	1101.	2		1455	468	0.	3		0940	693	0.
1		0130	19	9.	1		2015	244	1060.	2		1500	469	0.	3		0945	694	0.
1		0135	20	9.	1		2020	245	1022.	2		1505	470	0.	3		0950	695	0.
1		0140	21	9.	1		2025	246	986.	2		1510	471	0.	3		0955	696	0.
1		0145	22	9.	1		2030	247	952.	2		1515	472	0.	3		1000	697	0.
1		0150	23	9.	1		2035	248	920.	2		1520	473	0.	3		1005	698	0.
1		0155	24	10.	1		2040	249	889.	2		1525	474	0.	3		1010	699	0.
1		0200	25	10.	1		2045	250	860.	2		1530	475	0.	3		1015	700	0.
1		0205	26	12.	1		2050	251	832.	2		1535	476	0.	3		1020	701	0.
1		0210	27	15.	1		2055	252	806.	2		1540	477	0.	3		1025	702	0.
1		0215	28	18.	1		2100	253	782.	2		1545	478	0.	3		1030	703	0.
1		0220	29	21.	1		2105	254	759.	2		1550	479	0.	3		1035	704	0.
1		0225	30	24.	1		2110	255	737.	2		1555	480	0.	3		1040	705	0.
1		0230	31	28.	1		2115	256	717.	2		1600	481	0.	3		1045	706	0.
1		0235	32	31.	1		2120	257	698.	2		1605	482	0.	3		1050	707	0.
1		0240	33	34.	1		2125	258	680.	2		1610	483	0.	3		1055	708	0.
1		0245	34	38.	1		2130	259	664.	2		1615	484	0.	3		1100	709	0.
1		0250	35	41.	1		2135	260	648.	2		1620	485	0.	3		1105	710	0.
1		0255	36	45.	1		2140	261	632.	2		1625	486	0.	3		1110	711	0.
1		0300	37	48.	1		2145	262	617.	2		1630	487	0.	3		1115	712	0.
1		0305	38	52.	1		2150	263	603.	2		1635	488	0.	3		1120	713	0.
1		0310	39	55.	1		2155	264	589.	2		1640	489	0.	3		1125	714	0.
1		0315	40	59.	1		2200	265	576.	2		1645	490	0.	3		1130	715	0.
1		0320	41	62.	1		2205	266	563.	2		1650	491	0.	3		1135	716	0.
1		0325	42	65.	1		2210	267	552.	2		1655	492	0.	3		1140	717	0.
1		0330	43	68.	1		2215	268	541.	2		1700	493	0.	3		1145	718	0.
1		0335	44	71.	1		2220	269	530.	2		1705	494	0.	3		1150	719	0.
1		0340	45	74.	1		2225	270	519.	2		1710	495	0.	3		1155	720	0.
1		0345	46	77.	1		2230	271	508.	2		1715	496	0.	3		1200	721	0.
1		0350	47	80.	1		2235	272	497.	2		1720	497	0.	3		1205	722	0.
1		0355	48	83.	1		2240	273	487.	2		1725	498	0.	3		1210	723	0.
1		0400	49	86.	1		2245	274	477.	2		1730	499	0.	3		1215	724	0.
1		0405	50	89.	1		2250	275	467.	2		1735	500	0.	3		1220	725	0.
1		0410	51	93.	1		2255	276	457.	2		1740	501	0.	3		1225	726	0.
1		0415	52	96.	1		2300	277	448.	2		1745	502	0.	3		1230	727	0.
1		0420	53	99.	1		2305	278	439.	2		1750	503	0.	3		1235	728	0.
1		0425	54	103.	1		2310	279	430.	2		1755	504	0.	3		1240	729	0.
1		0430	55	106.	1		2315	280	421.	2		1800	505	0.	3		1245	730	0.
1		0435	56	109.	1		2320	281	413.	2		1805	506	0.	3		1250	731	0.
1		0440	57	112.	1		2325	282	404.	2		1810	507	0.	3		1255	732	0.
1		0445	58	115.	1		2330	283	397.	2		1815	508	0.	3		1300	733	0.
1		0450	59	118.	1		2335	284	389.	2		1820	509	0.	3		1305	734	0.
1		0455	60	121.	1		2340	285	382.	2		1825	510	0.	3		1310	735	0.
1		0500	61	124.	1		2345	286	375.	2		1830	511	0.	3		1315	736	0.
1		0505	62	127.	1		2350	287	368.	2		1835	512	0.	3		1320	737	0.
1		0510	63	130.	1		2355	288	361.	2		1840	513	0.	3		1325	738	0.
1		0515	64	133.	2		0000	289	355.	2		1845	514	0.	3		1330	739	0.
1		0520	65	136.	2		0005	290	349.	2		1850	515	0.	3		1335	740	0.
1		0525	66	139.	2		0010	291	342.	2		1855	516	0.	3		1340	741	0.
1		0530	67	142.	2		0015	292	336.	2		1900	517	0.	3		1345	742	0.
1		0535	68	145.	2		0020	293	330.	2		1905	518	0.	3		1350	743	0.
1		0540	69	148.	2		0025	294	324.	2		1910	519	0.	3		1355	744	0.
1		0545	70	150.	2		0030	295	317.	2		1915	520	0.	3		1400	745	0.
1		0550	71	153.	2		0035	296	311.	2		1920	521	0.	3		1405	746	0.
1		0555	72	156.	2		0040	297	304.	2		1925	522	0.	3		1410	747	0.
1		0600	73	159.	2		0045	298	298.	2		1930	523	0.	3		1415	748	0.
1		0605	74	162.	2		0050	299	291.	2		1935	524	0.	3		1420	749	0.
1		0610	75	166.	2		0055	300	284.	2		1940	525	0.	3		1425	750	0.
1		0615	76	169.	2		0100	301	277.	2		1945	526	0.	3		1430	751	0.
1		0620	77	173.	2		0105	302	270.	2		1950	527	0.	3		1435	752	0.
1		0625	78	177.	2		0110	303	262.	2		1955	528	0.	3		1440	753	0.
1		0630	79	180.	2		0115	304	255.	2		2000	529	0.	3		1445	754	0.
1		0635	80	184.	2		0120	305	247.	2		2005	530	0.	3		1450	755	0.
1		0640	81	188.	2		0125	306	239.	2		2010	531	0.	3		1455	756	0.
1		0645	82	192.	2		0130	307	231.	2		2015	532	0.	3		1500	757	0.
1		0650	83	196.	2		0135	308	222.	2		2020	533	0.	3		1505	758	0.
1		0655	84	200.	2		0140	309	214.	2		2025	534	0.	3		1510	759	0.
1		0700	85	204.	2		0145	310	206.	2		2030	535	0.	3		1515	760	0.
1		0705	86	208.	2		0150	311	198.	2		2035	536	0.	3		1520	761	0.
1		0710	87	212.	2		0155	312	189.	2		2040	537	0.	3		1525	762	0.
1		0715	88	216.	2		0200	313	182.	2		2045	538	0.	3		1530	763	0.
1		0720	89	220.	2		0205	314	174.	2		2050	539	0.	3		1535	764	0.
1		0725	90	225.	2		0210	315	167.	2		2055	540	0.	3		1540	765	0.
1		0730	91	229.	2		0215	316	160.	2		2100	541	0.	3		1545	766	0.
1		0735	92	233.	2		0220	317	153.	2		2105	542	0.	3		1550	767	0.
1		0740	93	238.	2		0225	318	146.	2		2110	543	0.	3		1555	768	0.
1		0745	94	243.	2		0230	319	139.	2		2115	544	0.	3		1600	769	0.
1		0750	95	248.	2		0235	320	133.	2		2120	545	0.	3		1605	770	0.
1		0755	96	253.	2		0240	321	127.	2		2125	546	0.	3		1610	771	0.

1	0800	97	258.	*	2	0245	322	121.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	263.	*	2	0250	323	116.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	269.	*	2	0255	324	110.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	275.	*	2	0300	325	105.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	281.	*	2	0305	326	100.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	287.	*	2	0310	327	95.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	294.	*	2	0315	328	91.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	301.	*	2	0320	329	86.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	308.	*	2	0325	330	82.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	314.	*	2	0330	331	78.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	321.	*	2	0335	332	74.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	328.	*	2	0340	333	70.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	336.	*	2	0345	334	66.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	343.	*	2	0350	335	63.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	351.	*	2	0355	336	59.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	358.	*	2	0400	337	56.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	366.	*	2	0405	338	53.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	374.	*	2	0410	339	50.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	382.	*	2	0415	340	48.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	390.	*	2	0420	341	45.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	398.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	407.	*	2	0430	343	41.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	415.	*	2	0435	344	39.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	424.	*	2	0440	345	37.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	433.	*	2	0445	346	35.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	442.	*	2	0450	347	33.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	451.	*	2	0455	348	32.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	461.	*	2	0500	349	30.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	470.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	481.	*	2	0510	351	27.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	492.	*	2	0515	352	26.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	503.	*	2	0520	353	24.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	515.	*	2	0525	354	23.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	527.	*	2	0530	355	22.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	541.	*	2	0535	356	21.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	555.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	569.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	585.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	602.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	620.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	640.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	662.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	687.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	775.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	895.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1167.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1613.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2234.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3078.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4277.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5691.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7984.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	11814.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	15354.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	19045.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	22293.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	25196.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	27428.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	29011.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	30027.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	30587.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	30858.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	31026.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	31132.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	31180.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	31192.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	31134.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	30981.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	30725.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	30374.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	29950.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	29463.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	28939.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	28383.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	27815.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	27216.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	26567.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	25856.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25074.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	24227.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	23328.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	22406.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	21493.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	20574.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	19668.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	18777.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	17895.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17051.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16233.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15460.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	14712.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	13987.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13316.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	12673.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12063.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11509.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	10964.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10429.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	9913.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9421.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	8957.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8515.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8092.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7667.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7274.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	6918.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.

1	1650	203	6590.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6284.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	5996.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	5725.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5468.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5224.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	4990.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4765.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4542.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4323.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4129.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	3982.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3895.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3789.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3667.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3533.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3389.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3241.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3091.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	2943.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2800.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2661.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2527.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 31192.	13.42	(CFS)	16850.	4652.	1553.	1493.
		(INCHES)	1.327	1.466	1.468	1.468
		(AC-FT)	8355.	9228.	9242.	9242.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2400.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2278.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2164.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	2056.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	1.	*	1		1905	230	1956.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	2.	*	1		1910	231	1862.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	2.	*	1		1915	232	1774.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	4.	*	1		1920	233	1692.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	4.	*	1		1925	234	1614.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	5.	*	1		1930	235	1541.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	6.	*	1		1935	236	1471.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	7.	*	1		1940	237	1407.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	7.	*	1		1945	238	1347.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	8.	*	1		1950	239	1291.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	8.	*	1		1955	240	1239.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	9.	*	1		2000	241	1190.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	9.	*	1		2005	242	1144.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	9.	*	1		2010	243	1101.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	9.	*	1		2015	244	1060.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	9.	*	1		2020	245	1022.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	9.	*	1		2025	246	986.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	9.	*	1		2030	247	952.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	9.	*	1		2035	248	920.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	10.	*	1		2040	249	889.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	10.	*	1		2045	250	860.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	12.	*	1		2050	251	832.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	15.	*	1		2055	252	806.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	18.	*	1		2100	253	782.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	21.	*	1		2105	254	759.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	24.	*	1		2110	255	737.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	28.	*	1		2115	256	717.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	31.	*	1		2120	257	698.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	34.	*	1		2125	258	680.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	38.	*	1		2130	259	664.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	41.	*	1		2135	260	648.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	45.	*	1		2140	261	632.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	48.	*	1		2145	262	617.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	52.	*	1		2150	263	603.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	55.	*	1		2155	264	589.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	59.	*	1		2200	265	576.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	62.	*	1		2205	266	563.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	65.	*	1		2210	267	552.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	68.	*	1		2215	268	541.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	71.	*	1		2220	269	530.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	74.	*	1		2225	270	519.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	77.	*	1		2230	271	508.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	80.	*	1		2235	272	497.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	83.	*	1		2240	273	487.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	86.	*	1		2245	274	477.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	89.	*	1		2250	275	467.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	93.	*	1		2255	276	457.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	96.	*	1		2300	277	448.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	99.	*	1		2305	278	439.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	103.	*	1		2310	279	430.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	106.	*	1		2315	280	421.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	109.	*	1		2320	281	413.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	112.	*	1		2325	282	404.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	115.	*	1		2330	283	397.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	118.	*	1		2335	284	389.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	121.	*	1		2340	285	382.	*	2		1825	510	0.	*	3		1310	735	0.

1	0500	61	124.	*	1	2345	286	375.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	127.	*	1	2350	287	368.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	130.	*	1	2355	288	361.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	133.	*	2	0000	289	355.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	136.	*	2	0005	290	349.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	139.	*	2	0010	291	342.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	142.	*	2	0015	292	336.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	145.	*	2	0020	293	330.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	148.	*	2	0025	294	324.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	150.	*	2	0030	295	317.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	153.	*	2	0035	296	311.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	156.	*	2	0040	297	304.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	159.	*	2	0045	298	298.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	162.	*	2	0050	299	291.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	166.	*	2	0055	300	284.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	169.	*	2	0100	301	277.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	173.	*	2	0105	302	270.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	177.	*	2	0110	303	262.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	180.	*	2	0115	304	255.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	184.	*	2	0120	305	247.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	188.	*	2	0125	306	239.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	192.	*	2	0130	307	231.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	196.	*	2	0135	308	222.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	200.	*	2	0140	309	214.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	204.	*	2	0145	310	206.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	208.	*	2	0150	311	198.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	212.	*	2	0155	312	189.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	216.	*	2	0200	313	182.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	220.	*	2	0205	314	174.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	225.	*	2	0210	315	167.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	229.	*	2	0215	316	160.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	233.	*	2	0220	317	153.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	238.	*	2	0225	318	146.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	243.	*	2	0230	319	139.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	248.	*	2	0235	320	133.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	253.	*	2	0240	321	127.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	258.	*	2	0245	322	121.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	263.	*	2	0250	323	116.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	269.	*	2	0255	324	110.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	275.	*	2	0300	325	105.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	281.	*	2	0305	326	100.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	287.	*	2	0310	327	95.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	294.	*	2	0315	328	91.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	301.	*	2	0320	329	86.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	308.	*	2	0325	330	82.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	314.	*	2	0330	331	78.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	321.	*	2	0335	332	74.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	328.	*	2	0340	333	70.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	336.	*	2	0345	334	66.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	343.	*	2	0350	335	63.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	351.	*	2	0355	336	59.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	358.	*	2	0400	337	56.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	366.	*	2	0405	338	53.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	374.	*	2	0410	339	50.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	382.	*	2	0415	340	48.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	390.	*	2	0420	341	45.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	398.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	407.	*	2	0430	343	41.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	415.	*	2	0435	344	39.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	424.	*	2	0440	345	37.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	433.	*	2	0445	346	35.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	442.	*	2	0450	347	33.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	451.	*	2	0455	348	32.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	461.	*	2	0500	349	30.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	470.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	481.	*	2	0510	351	27.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	492.	*	2	0515	352	26.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	503.	*	2	0520	353	24.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	515.	*	2	0525	354	23.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	527.	*	2	0530	355	22.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	541.	*	2	0535	356	21.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	555.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	569.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	585.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	602.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	620.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	640.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	662.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	687.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	775.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	895.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1167.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1613.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2234.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3078.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4277.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5691.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7984.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	11814.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	15354.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	19045.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	22293.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	25196.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	27428.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	29011.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	30027.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	30587.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	30858.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	31026.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	31132.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	31180.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	31192.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	31134.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	30981.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	30725.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	30374.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.

1	1350	167	29950.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	29463.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	28939.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	28383.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	27815.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	27216.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	26567.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	25856.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25074.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	24227.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	23328.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	22406.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	21493.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	20574.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	19668.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	18777.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	17895.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17051.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16233.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15460.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	14712.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	13987.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13316.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	12673.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12063.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11509.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	10964.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10429.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	9913.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9421.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	8957.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8515.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8092.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7667.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7274.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	6918.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6590.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6284.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	5996.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	5725.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5468.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5224.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	4990.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4765.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4542.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4323.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4129.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	3982.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3895.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3789.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3667.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3533.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3389.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3241.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3091.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	2943.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2800.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2661.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2527.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 31192.	13.42	(CFS)	16850.	4652.	1553.	1493.
		(INCHES)	1.327	1.466	1.468	1.468
		(AC-FT)	8355.	9228.	9242.	9242.

CUMULATIVE AREA = 118.05 SQ MI

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INTERPOLATED HYDROGRAPH AT C400R

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2411.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2289.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2174.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	2066.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	1965.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	1870.	2		1355	456	0.	3		0840	681	0.
1		0030	7	2.	1		1915	232	1782.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	1699.	2		1405	458	0.	3		0850	683	0.
1		0040	9	4.	1		1925	234	1621.	2		1410	459	0.	3		0855	684	0.
1		0045	10	5.	1		1930	235	1547.	2		1415	460	0.	3		0900	685	0.
1		0050	11	6.	1		1935	236	1478.	2		1420	461	0.	3		0905	686	0.
1		0055	12	7.	1		1940	237	1413.	2		1425	462	0.	3		0910	687	0.
1		0100	13	8.	1		1945	238	1353.	2		1430	463	0.	3		0915	688	0.
1		0105	14	8.	1		1950	239	1297.	2		1435	464	0.	3		0920	689	0.
1		0110	15	8.	1		1955	240	1244.	2		1440	465	0.	3		0925	690	0.
1		0115	16	9.	1		2000	241	1195.	2		1445	466	0.	3		0930	691	0.
1		0120	17	9.	1		2005	242	1149.	2		1450	467	0.	3		0935	692	0.
1		0125	18	9.	1		2010	243	1106.	2		1455	468	0.	3		0940	693	0.
1		0130	19	9.	1		2015	244	1065.	2		1500	469	0.	3		0945	694	0.
1		0135	20	9.	1		2020	245	1026.	2		1505	470	0.	3		0950	695	0.
1		0140	21	9.	1		2025	246	990.	2		1510	471	0.	3		0955	696	0.
1		0145	22	9.	1		2030	247	956.	2		1515	472	0.	3		1000	697	0.
1		0150	23	9.	1		2035	248	924.	2		1520	473	0.	3		1005	698	0.
1		0155	24	10.	1		2040	249	893.	2		1525	474	0.	3		1010	699	0.
1		0200	25	10.	1		2045	250	864.	2		1530	475	0.	3		1015	700	0.

1	0205	26	12.	*	1	2050	251	836.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	15.	*	1	2055	252	809.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	18.	*	1	2100	253	785.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	22.	*	1	2105	254	762.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	25.	*	1	2110	255	740.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	28.	*	1	2115	256	720.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	31.	*	1	2120	257	701.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	35.	*	1	2125	258	683.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	38.	*	1	2130	259	666.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	42.	*	1	2135	260	650.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	45.	*	1	2140	261	635.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	49.	*	1	2145	262	620.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	52.	*	1	2150	263	605.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	56.	*	1	2155	264	591.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	59.	*	1	2200	265	578.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	62.	*	1	2205	266	566.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	65.	*	1	2210	267	554.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	69.	*	1	2215	268	543.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	72.	*	1	2220	269	532.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	75.	*	1	2225	270	521.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	78.	*	1	2230	271	510.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	81.	*	1	2235	272	499.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	84.	*	1	2240	273	489.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	87.	*	1	2245	274	479.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	90.	*	1	2250	275	469.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	93.	*	1	2255	276	459.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	97.	*	1	2300	277	450.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	100.	*	1	2305	278	441.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	103.	*	1	2310	279	432.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	107.	*	1	2315	280	423.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	110.	*	1	2320	281	414.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	113.	*	1	2325	282	406.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	116.	*	1	2330	283	398.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	119.	*	1	2335	284	391.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	122.	*	1	2340	285	383.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	125.	*	1	2345	286	376.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	128.	*	1	2350	287	369.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	131.	*	1	2355	288	363.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	134.	*	2	0000	289	356.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	137.	*	2	0005	290	350.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	140.	*	2	0010	291	344.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	143.	*	2	0015	292	338.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	146.	*	2	0020	293	331.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	148.	*	2	0025	294	325.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	151.	*	2	0030	295	319.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	154.	*	2	0035	296	312.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	157.	*	2	0040	297	306.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	160.	*	2	0045	298	299.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	163.	*	2	0050	299	292.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	167.	*	2	0055	300	285.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	170.	*	2	0100	301	278.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	174.	*	2	0105	302	271.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	178.	*	2	0110	303	264.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	182.	*	2	0115	304	256.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	185.	*	2	0120	305	248.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	189.	*	2	0125	306	240.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	193.	*	2	0130	307	232.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	197.	*	2	0135	308	223.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	201.	*	2	0140	309	215.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	205.	*	2	0145	310	207.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	209.	*	2	0150	311	199.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	213.	*	2	0155	312	190.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	217.	*	2	0200	313	183.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	222.	*	2	0205	314	175.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	226.	*	2	0210	315	168.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	230.	*	2	0215	316	160.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	235.	*	2	0220	317	153.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	240.	*	2	0225	318	147.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	244.	*	2	0230	319	140.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	249.	*	2	0235	320	134.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	254.	*	2	0240	321	128.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	260.	*	2	0245	322	122.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	265.	*	2	0250	323	116.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	270.	*	2	0255	324	111.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	276.	*	2	0300	325	106.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	283.	*	2	0305	326	101.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	289.	*	2	0310	327	96.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	296.	*	2	0315	328	91.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	303.	*	2	0320	329	87.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	309.	*	2	0325	330	83.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	316.	*	2	0330	331	78.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	323.	*	2	0335	332	74.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	330.	*	2	0340	333	70.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	338.	*	2	0345	334	67.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	345.	*	2	0350	335	63.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	353.	*	2	0355	336	60.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	361.	*	2	0400	337	57.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	368.	*	2	0405	338	54.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	376.	*	2	0410	339	51.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	384.	*	2	0415	340	48.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	393.	*	2	0420	341	45.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	401.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	409.	*	2	0430	343	41.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	418.	*	2	0435	344	39.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	426.	*	2	0440	345	37.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	435.	*	2	0445	346	35.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	444.	*	2	0450	347	33.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	453.	*	2	0455	348	32.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	463.	*	2	0500	349	30.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	473.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	483.	*	2	0510	351	27.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	494.	*	2	0515	352	26.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	506.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	518.	*	2	0525	354	23.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	530.	*	2	0530	355	22.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	544.	*	2	0535	356	21.	*	3	0020	581	0.	*	3	1905	806	0.

1	1055	132	557.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	572.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	588.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	605.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	623.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	643.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	665.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	690.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	779.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	900.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1173.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1621.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2246.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3095.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4303.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5728.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	8067.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	11902.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	15466.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	19182.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	22449.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	25367.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	27611.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	29208.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	30234.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	30799.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	31076.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	31253.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	31367.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	31422.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	31437.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	31380.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	31225.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	30967.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	30613.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	30184.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	29692.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	29161.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	28594.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	28011.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	27398.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	26739.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26019.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25227.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	24372.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	23464.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	22531.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	21603.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	20676.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	19762.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	18864.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	17977.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17126.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16304.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15525.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	14774.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14046.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13370.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	12724.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12111.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11552.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11006.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10471.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	9953.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9459.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	8992.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8549.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8125.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7700.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7305.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	6946.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6616.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6309.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6020.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	5748.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5489.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5245.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5010.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4784.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4561.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4342.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4145.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	3993.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3903.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3799.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3678.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3545.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3402.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3254.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3104.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	2956.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2812.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2673.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2539.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 31437.	13.42		16954.	4681.	1563.	1502.
		(INCHES)	1.335	1.475	1.477	1.477
		(AC-FT)	8407.	9284.	9299.	9299.

CUMULATIVE AREA = 118.05 SQ MI

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*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

          **************
          *            *
927 KK    *     C400   *
          *            *
          **************

928 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .083  TIME INTERVAL IN HOURS

                         Combine hydrograph C400R w/runoff from S400L at C400.

930 HC          HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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                                          HYDROGRAPH AT     C400
                                     TRANSPOSITION AREA       .0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3024.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2880.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2740.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2605.	2		1345	454	0.	3		0830	679	0.
1		0020	5	2.	1		1905	230	2476.	2		1350	455	0.	3		0835	680	0.
1		0025	6	3.	1		1910	231	2354.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	2239.	2		1400	457	0.	3		0845	682	0.
1		0035	8	6.	1		1920	233	2132.	2		1405	458	0.	3		0850	683	0.
1		0040	9	8.	1		1925	234	2029.	2		1410	459	0.	3		0855	684	0.
1		0045	10	10.	1		1930	235	1933.	2		1415	460	0.	3		0900	685	0.
1		0050	11	12.	1		1935	236	1843.	2		1420	461	0.	3		0905	686	0.
1		0055	12	14.	1		1940	237	1760.	2		1425	462	0.	3		0910	687	0.
1		0100	13	15.	1		1945	238	1682.	2		1430	463	0.	3		0915	688	0.
1		0105	14	17.	1		1950	239	1610.	2		1435	464	0.	3		0920	689	0.
1		0110	15	19.	1		1955	240	1543.	2		1440	465	0.	3		0925	690	0.
1		0115	16	20.	1		2000	241	1480.	2		1445	466	0.	3		0930	691	0.
1		0120	17	22.	1		2005	242	1422.	2		1450	467	0.	3		0935	692	0.
1		0125	18	23.	1		2010	243	1367.	2		1455	468	0.	3		0940	693	0.
1		0130	19	24.	1		2015	244	1316.	2		1500	469	0.	3		0945	694	0.
1		0135	20	25.	1		2020	245	1268.	2		1505	470	0.	3		0950	695	0.
1		0140	21	26.	1		2025	246	1224.	2		1510	471	0.	3		0955	696	0.
1		0145	22	27.	1		2030	247	1182.	2		1515	472	0.	3		1000	697	0.
1		0150	23	29.	1		2035	248	1144.	2		1520	473	0.	3		1005	698	0.
1		0155	24	33.	1		2040	249	1107.	2		1525	474	0.	3		1010	699	0.
1		0200	25	37.	1		2045	250	1072.	2		1530	475	0.	3		1015	700	0.
1		0205	26	42.	1		2050	251	1038.	2		1535	476	0.	3		1020	701	0.
1		0210	27	47.	1		2055	252	1006.	2		1540	477	0.	3		1025	702	0.
1		0215	28	51.	1		2100	253	977.	2		1545	478	0.	3		1030	703	0.
1		0220	29	56.	1		2105	254	949.	2		1550	479	0.	3		1035	704	0.
1		0225	30	60.	1		2110	255	922.	2		1555	480	0.	3		1040	705	0.
1		0230	31	65.	1		2115	256	896.	2		1600	481	0.	3		1045	706	0.
1		0235	32	70.	1		2120	257	872.	2		1605	482	0.	3		1050	707	0.
1		0240	33	75.	1		2125	258	850.	2		1610	483	0.	3		1055	708	0.
1		0245	34	79.	1		2130	259	828.	2		1615	484	0.	3		1100	709	0.
1		0250	35	84.	1		2135	260	808.	2		1620	485	0.	3		1105	710	0.
1		0255	36	89.	1		2140	261	788.	2		1625	486	0.	3		1110	711	0.
1		0300	37	94.	1		2145	262	768.	2		1630	487	0.	3		1115	712	0.
1		0305	38	99.	1		2150	263	750.	2		1635	488	0.	3		1120	713	0.
1		0310	39	103.	1		2155	264	732.	2		1640	489	0.	3		1125	714	0.
1		0315	40	108.	1		2200	265	716.	2		1645	490	0.	3		1130	715	0.
1		0320	41	112.	1		2205	266	700.	2		1650	491	0.	3		1135	716	0.
1		0325	42	116.	1		2210	267	686.	2		1655	492	0.	3		1140	717	0.
1		0330	43	121.	1		2215	268	672.	2		1700	493	0.	3		1145	718	0.
1		0335	44	125.	1		2220	269	660.	2		1705	494	0.	3		1150	719	0.
1		0340	45	129.	1		2225	270	647.	2		1710	495	0.	3		1155	720	0.
1		0345	46	134.	1		2230	271	634.	2		1715	496	0.	3		1200	721	0.
1		0350	47	138.	1		2235	272	621.	2		1720	497	0.	3		1205	722	0.
1		0355	48	142.	1		2240	273	609.	2		1725	498	0.	3		1210	723	0.
1		0400	49	146.	1		2245	274	598.	2		1730	499	0.	3		1215	724	0.
1		0405	50	150.	1		2250	275	587.	2		1735	500	0.	3		1220	725	0.
1		0410	51	154.	1		2255	276	576.	2		1740	501	0.	3		1225	726	0.
1		0415	52	158.	1		2300	277	565.	2		1745	502	0.	3		1230	727	0.
1		0420	53	162.	1		2305	278	555.	2		1750	503	0.	3		1235	728	0.
1		0425	54	167.	1		2310	279	545.	2		1755	504	0.	3		1240	729	0.
1		0430	55	171.	1		2315	280	535.	2		1800	505	0.	3		1245	730	0.
1		0435	56	175.	1		2320	281	524.	2		1805	506	0.	3		1250	731	0.
1		0440	57	179.	1		2325	282	515.	2		1810	507	0.	3		1255	732	0.
1		0445	58	183.	1		2330	283	505.	2		1815	508	0.	3		1300	733	0.
1		0450	59	187.	1		2335	284	497.	2		1820	509	0.	3		1305	734	0.
1		0455	60	192.	1		2340	285	488.	2		1825	510	0.	3		1310	735	0.
1		0500	61	196.	1		2345	286	479.	2		1830	511	0.	3		1315	736	0.
1		0505	62	201.	1		2350	287	470.	2		1835	512	0.	3		1320	737	0.
1		0510	63	206.	1		2355	288	462.	2		1840	513	0.	3		1325	738	0.
1		0515	64	210.	2		0000	289	454.	2		1845	514	0.	3		1330	739	0.
1		0520	65	214.	2		0005	290	446.	2		1850	515	0.	3		1335	740	0.
1		0525	66	219.	2		0010	291	438.	2		1855	516	0.	3		1340	741	0.
1		0530	67	224.	2		0015	292	430.	2		1900	517	0.	3		1345	742	0.

1	0535	68	228.	*	2	0020	293	422.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	233.	*	2	0025	294	414.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	237.	*	2	0030	295	406.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	242.	*	2	0035	296	397.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	246.	*	2	0040	297	388.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	250.	*	2	0045	298	379.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	255.	*	2	0050	299	370.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	259.	*	2	0055	300	361.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	263.	*	2	0100	301	352.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	268.	*	2	0105	302	342.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	272.	*	2	0110	303	332.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	277.	*	2	0115	304	322.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	281.	*	2	0120	305	312.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	286.	*	2	0125	306	302.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	290.	*	2	0130	307	291.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	295.	*	2	0135	308	281.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	300.	*	2	0140	309	271.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	305.	*	2	0145	310	261.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	310.	*	2	0150	311	251.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	315.	*	2	0155	312	241.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	320.	*	2	0200	313	231.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	326.	*	2	0205	314	221.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	332.	*	2	0210	315	212.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	338.	*	2	0215	316	202.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	344.	*	2	0220	317	194.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	351.	*	2	0225	318	185.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	358.	*	2	0230	319	177.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	365.	*	2	0235	320	170.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	372.	*	2	0240	321	162.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	379.	*	2	0245	322	155.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	386.	*	2	0250	323	149.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	394.	*	2	0255	324	142.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	402.	*	2	0300	325	136.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	410.	*	2	0305	326	131.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	419.	*	2	0310	327	125.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	427.	*	2	0315	328	120.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	436.	*	2	0320	329	114.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	445.	*	2	0325	330	109.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	453.	*	2	0330	331	105.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	462.	*	2	0335	332	100.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	471.	*	2	0340	333	95.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	481.	*	2	0345	334	91.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	490.	*	2	0350	335	87.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	500.	*	2	0355	336	83.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	510.	*	2	0400	337	79.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	520.	*	2	0405	338	75.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	530.	*	2	0410	339	71.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	540.	*	2	0415	340	68.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	551.	*	2	0420	341	64.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	562.	*	2	0425	342	61.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	573.	*	2	0430	343	57.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	584.	*	2	0435	344	54.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	595.	*	2	0440	345	52.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	607.	*	2	0445	346	49.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	619.	*	2	0450	347	46.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	631.	*	2	0455	348	44.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	643.	*	2	0500	349	42.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	656.	*	2	0505	350	40.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	669.	*	2	0510	351	38.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	684.	*	2	0515	352	36.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	699.	*	2	0520	353	34.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	715.	*	2	0525	354	32.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	732.	*	2	0530	355	31.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	750.	*	2	0535	356	29.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	769.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	789.	*	2	0545	358	26.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	813.	*	2	0550	359	25.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	838.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	867.	*	2	0600	361	23.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	901.	*	2	0605	362	21.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	942.	*	2	0610	363	20.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	990.	*	2	0615	364	19.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1181.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1412.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1831.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2506.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3475.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4786.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6696.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	9201.	*	2	0655	372	11.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	13927.	*	2	0700	373	10.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	18491.	*	2	0705	374	8.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	23613.	*	2	0710	375	7.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	28716.	*	2	0715	376	6.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	33112.	*	2	0720	377	5.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	36936.	*	2	0725	378	4.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	39949.	*	2	0730	379	4.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	42117.	*	2	0735	380	3.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	43843.	*	2	0740	381	2.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	44905.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	45665.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	46219.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	46535.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	46616.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	46486.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	46137.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	45616.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	44949.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	44154.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	43242.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	42254.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	41233.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	40138.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	38896.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37575.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	36367.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.

1	1425	174	35077.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	33509.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	31962.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	30431.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	28917.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	27485.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26085.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	24751.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23454.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22211.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21072.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	19987.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	18967.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	17994.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17077.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16212.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15418.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14645.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13915.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13233.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12588.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11990.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11438.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10896.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10357.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9842.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9356.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8900.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8466.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8049.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7641.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7273.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6935.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6619.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6321.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6036.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5770.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5517.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5278.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5047.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4822.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4597.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4379.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4186.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4038.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3954.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3851.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3730.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3599.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3460.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3316.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3170.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 46616.	13.33	(CFS)	23175.	6368.	2127.	2044.
		(INCHES)	1.751	1.924	1.928	1.928
		(AC-FT)	11492.	12632.	12657.	12657.

CUMULATIVE AREA = 123.08 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3017.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2873.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2734.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2599.	2		1345	454	0.	3		0830	679	0.
1		0020	5	2.	1		1905	230	2470.	2		1350	455	0.	3		0835	680	0.
1		0025	6	3.	1		1910	231	2348.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	2234.	2		1400	457	0.	3		0845	682	0.
1		0035	8	6.	1		1920	233	2126.	2		1405	458	0.	3		0850	683	0.
1		0040	9	8.	1		1925	234	2025.	2		1410	459	0.	3		0855	684	0.
1		0045	10	10.	1		1930	235	1929.	2		1415	460	0.	3		0900	685	0.
1		0050	11	12.	1		1935	236	1839.	2		1420	461	0.	3		0905	686	0.
1		0055	12	13.	1		1940	237	1756.	2		1425	462	0.	3		0910	687	0.
1		0100	13	15.	1		1945	238	1678.	2		1430	463	0.	3		0915	688	0.
1		0105	14	17.	1		1950	239	1606.	2		1435	464	0.	3		0920	689	0.
1		0110	15	19.	1		1955	240	1539.	2		1440	465	0.	3		0925	690	0.
1		0115	16	20.	1		2000	241	1477.	2		1445	466	0.	3		0930	691	0.
1		0120	17	22.	1		2005	242	1419.	2		1450	467	0.	3		0935	692	0.
1		0125	18	23.	1		2010	243	1364.	2		1455	468	0.	3		0940	693	0.
1		0130	19	24.	1		2015	244	1313.	2		1500	469	0.	3		0945	694	0.
1		0135	20	25.	1		2020	245	1265.	2		1505	470	0.	3		0950	695	0.
1		0140	21	26.	1		2025	246	1221.	2		1510	471	0.	3		0955	696	0.
1		0145	22	27.	1		2030	247	1180.	2		1515	472	0.	3		1000	697	0.
1		0150	23	29.	1		2035	248	1142.	2		1520	473	0.	3		1005	698	0.
1		0155	24	33.	1		2040	249	1105.	2		1525	474	0.	3		1010	699	0.
1		0200	25	37.	1		2045	250	1070.	2		1530	475	0.	3		1015	700	0.
1		0205	26	42.	1		2050	251	1036.	2		1535	476	0.	3		1020	701	0.
1		0210	27	46.	1		2055	252	1004.	2		1540	477	0.	3		1025	702	0.
1		0215	28	51.	1		2100	253	975.	2		1545	478	0.	3		1030	703	0.
1		0220	29	55.	1		2105	254	947.	2		1550	479	0.	3		1035	704	0.
1		0225	30	60.	1		2110	255	920.	2		1555	480	0.	3		1040	705	0.
1		0230	31	65.	1		2115	256	895.	2		1600	481	0.	3		1045	706	0.

1	0235	32	69.	*	1	2120	257	870.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	74.	*	1	2125	258	848.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	79.	*	1	2130	259	826.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	84.	*	1	2135	260	806.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	89.	*	1	2140	261	786.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	94.	*	1	2145	262	767.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	99.	*	1	2150	263	748.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	103.	*	1	2155	264	731.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	108.	*	1	2200	265	714.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	112.	*	1	2205	266	699.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	116.	*	1	2210	267	684.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	120.	*	1	2215	268	671.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	125.	*	1	2220	269	659.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	129.	*	1	2225	270	646.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	133.	*	1	2230	271	633.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	137.	*	1	2235	272	620.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	141.	*	1	2240	273	608.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	145.	*	1	2245	274	597.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	149.	*	1	2250	275	586.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	153.	*	1	2255	276	575.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	158.	*	1	2300	277	564.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	162.	*	1	2305	278	554.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	166.	*	1	2310	279	544.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	171.	*	1	2315	280	534.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	175.	*	1	2320	281	523.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	179.	*	1	2325	282	514.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	183.	*	1	2330	283	504.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	187.	*	1	2335	284	496.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	191.	*	1	2340	285	487.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	195.	*	1	2345	286	478.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	200.	*	1	2350	287	469.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	205.	*	1	2355	288	461.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	209.	*	2	0000	289	453.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	214.	*	2	0005	290	445.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	218.	*	2	0010	291	437.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	223.	*	2	0015	292	430.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	228.	*	2	0020	293	421.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	232.	*	2	0025	294	413.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	236.	*	2	0030	295	405.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	241.	*	2	0035	296	396.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	245.	*	2	0040	297	387.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	250.	*	2	0045	298	378.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	254.	*	2	0050	299	369.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	258.	*	2	0055	300	360.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	263.	*	2	0100	301	351.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	267.	*	2	0105	302	341.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	272.	*	2	0110	303	331.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	276.	*	2	0115	304	321.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	280.	*	2	0120	305	311.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	285.	*	2	0125	306	301.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	289.	*	2	0130	307	291.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	294.	*	2	0135	308	281.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	299.	*	2	0140	309	270.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	304.	*	2	0145	310	260.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	309.	*	2	0150	311	250.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	314.	*	2	0155	312	240.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	319.	*	2	0200	313	230.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	325.	*	2	0205	314	221.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	331.	*	2	0210	315	211.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	337.	*	2	0215	316	202.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	343.	*	2	0220	317	193.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	350.	*	2	0225	318	185.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	357.	*	2	0230	319	177.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	364.	*	2	0235	320	169.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	371.	*	2	0240	321	162.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	378.	*	2	0245	322	155.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	385.	*	2	0250	323	148.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	393.	*	2	0255	324	142.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	401.	*	2	0300	325	136.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	409.	*	2	0305	326	130.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	418.	*	2	0310	327	125.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	426.	*	2	0315	328	119.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	435.	*	2	0320	329	114.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	444.	*	2	0325	330	109.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	452.	*	2	0330	331	104.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	461.	*	2	0335	332	100.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	470.	*	2	0340	333	95.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	479.	*	2	0345	334	91.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	489.	*	2	0350	335	87.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	499.	*	2	0355	336	83.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	508.	*	2	0400	337	79.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	518.	*	2	0405	338	75.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	529.	*	2	0410	339	71.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	539.	*	2	0415	340	67.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	550.	*	2	0420	341	64.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	560.	*	2	0425	342	60.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	571.	*	2	0430	343	57.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	582.	*	2	0435	344	54.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	594.	*	2	0440	345	51.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	605.	*	2	0445	346	49.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	617.	*	2	0450	347	46.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	629.	*	2	0455	348	44.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	642.	*	2	0500	349	42.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	654.	*	2	0505	350	39.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	668.	*	2	0510	351	37.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	682.	*	2	0515	352	36.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	697.	*	2	0520	353	34.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	713.	*	2	0525	354	32.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	730.	*	2	0530	355	31.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	748.	*	2	0535	356	29.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	767.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	788.	*	2	0545	358	26.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	811.	*	2	0550	359	25.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	836.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	865.	*	2	0600	361	22.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	899.	*	2	0605	362	21.	*	3	0050	587	0.	*	3	1935	812	0.

1	1125	138	939.	*	2	0610	363	20.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	987.	*	2	0615	364	19.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1177.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1407.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1825.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2498.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3464.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4771.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6675.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	9153.	*	2	0655	372	10.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	13875.	*	2	0700	373	9.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	18426.	*	2	0705	374	8.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	23533.	*	2	0710	375	7.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	28620.	*	2	0715	376	6.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	33007.	*	2	0720	377	5.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	36823.	*	2	0725	378	4.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	39837.	*	2	0730	379	3.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	41975.	*	2	0735	380	2.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	43705.	*	2	0740	381	1.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	44758.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	45502.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	46057.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	46376.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	46453.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	46322.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	45974.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	45455.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	44790.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	43995.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	43089.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	42109.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	41104.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	40007.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	38762.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37455.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	36272.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	34977.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	33407.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	31872.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	30350.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	28844.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	27420.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26025.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	24693.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23401.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22163.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21027.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	19945.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	18927.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	17957.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17042.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16180.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15387.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14616.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13887.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13207.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12563.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11968.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11416.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10874.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10336.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9822.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9337.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8883.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8449.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8031.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7625.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7258.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6921.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6606.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6308.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6025.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5759.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5507.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5268.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5037.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4812.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4587.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4370.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4179.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4035.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3950.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3845.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3724.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3592.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3453.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3309.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3163.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 46453.	13.33	(CFS)	23107.	6350.	2121.	2038.
		(INCHES)	1.746	1.919	1.923	1.923
		(AC-FT)	11458.	12595.	12620.	12620.

CUMULATIVE AREA = 123.08 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 10.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2812.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2674.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2541.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2415.	2		1345	454	0.	3		0830	679	0.
1		0020	5	2.	1		1905	230	2295.	2		1350	455	0.	3		0835	680	0.
1		0025	6	3.	1		1910	231	2183.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	2077.	2		1400	457	0.	3		0845	682	0.
1		0035	8	6.	1		1920	233	1979.	2		1405	458	0.	3		0850	683	0.
1		0040	9	7.	1		1925	234	1886.	2		1410	459	0.	3		0855	684	0.
1		0045	10	9.	1		1930	235	1798.	2		1415	460	0.	3		0900	685	0.
1		0050	11	11.	1		1935	236	1716.	2		1420	461	0.	3		0905	686	0.
1		0055	12	13.	1		1940	237	1640.	2		1425	462	0.	3		0910	687	0.
1		0100	13	14.	1		1945	238	1569.	2		1430	463	0.	3		0915	688	0.
1		0105	14	16.	1		1950	239	1503.	2		1435	464	0.	3		0920	689	0.
1		0110	15	18.	1		1955	240	1441.	2		1440	465	0.	3		0925	690	0.
1		0115	16	19.	1		2000	241	1384.	2		1445	466	0.	3		0930	691	0.
1		0120	17	20.	1		2005	242	1330.	2		1450	467	0.	3		0935	692	0.
1		0125	18	21.	1		2010	243	1280.	2		1455	468	0.	3		0940	693	0.
1		0130	19	23.	1		2015	244	1233.	2		1500	469	0.	3		0945	694	0.
1		0135	20	23.	1		2020	245	1189.	2		1505	470	0.	3		0950	695	0.
1		0140	21	24.	1		2025	246	1148.	2		1510	471	0.	3		0955	696	0.
1		0145	22	25.	1		2030	247	1109.	2		1515	472	0.	3		1000	697	0.
1		0150	23	27.	1		2035	248	1073.	2		1520	473	0.	3		1005	698	0.
1		0155	24	29.	1		2040	249	1038.	2		1525	474	0.	3		1010	699	0.
1		0200	25	33.	1		2045	250	1005.	2		1530	475	0.	3		1015	700	0.
1		0205	26	37.	1		2050	251	973.	2		1535	476	0.	3		1020	701	0.
1		0210	27	41.	1		2055	252	943.	2		1540	477	0.	3		1025	702	0.
1		0215	28	45.	1		2100	253	915.	2		1545	478	0.	3		1030	703	0.
1		0220	29	49.	1		2105	254	889.	2		1550	479	0.	3		1035	704	0.
1		0225	30	54.	1		2110	255	864.	2		1555	480	0.	3		1040	705	0.
1		0230	31	58.	1		2115	256	840.	2		1600	481	0.	3		1045	706	0.
1		0235	32	62.	1		2120	257	817.	2		1605	482	0.	3		1050	707	0.
1		0240	33	67.	1		2125	258	796.	2		1610	483	0.	3		1055	708	0.
1		0245	34	71.	1		2130	259	776.	2		1615	484	0.	3		1100	709	0.
1		0250	35	75.	1		2135	260	757.	2		1620	485	0.	3		1105	710	0.
1		0255	36	80.	1		2140	261	739.	2		1625	486	0.	3		1110	711	0.
1		0300	37	84.	1		2145	262	721.	2		1630	487	0.	3		1115	712	0.
1		0305	38	89.	1		2150	263	704.	2		1635	488	0.	3		1120	713	0.
1		0310	39	93.	1		2155	264	688.	2		1640	489	0.	3		1125	714	0.
1		0315	40	97.	1		2200	265	673.	2		1645	490	0.	3		1130	715	0.
1		0320	41	101.	1		2205	266	659.	2		1650	491	0.	3		1135	716	0.
1		0325	42	105.	1		2210	267	645.	2		1655	492	0.	3		1140	717	0.
1		0330	43	109.	1		2215	268	633.	2		1700	493	0.	3		1145	718	0.
1		0335	44	113.	1		2220	269	621.	2		1705	494	0.	3		1150	719	0.
1		0340	45	117.	1		2225	270	609.	2		1710	495	0.	3		1155	720	0.
1		0345	46	121.	1		2230	271	597.	2		1715	496	0.	3		1200	721	0.
1		0350	47	124.	1		2235	272	585.	2		1720	497	0.	3		1205	722	0.
1		0355	48	128.	1		2240	273	573.	2		1725	498	0.	3		1210	723	0.
1		0400	49	132.	1		2245	274	563.	2		1730	499	0.	3		1215	724	0.
1		0405	50	136.	1		2250	275	552.	2		1735	500	0.	3		1220	725	0.
1		0410	51	139.	1		2255	276	542.	2		1740	501	0.	3		1225	726	0.
1		0415	52	144.	1		2300	277	531.	2		1745	502	0.	3		1230	727	0.
1		0420	53	148.	1		2305	278	521.	2		1750	503	0.	3		1235	728	0.
1		0425	54	152.	1		2310	279	512.	2		1755	504	0.	3		1240	729	0.
1		0430	55	156.	1		2315	280	502.	2		1800	505	0.	3		1245	730	0.
1		0435	56	160.	1		2320	281	492.	2		1805	506	0.	3		1250	731	0.
1		0440	57	164.	1		2325	282	483.	2		1810	507	0.	3		1255	732	0.
1		0445	58	167.	1		2330	283	474.	2		1815	508	0.	3		1300	733	0.
1		0450	59	171.	1		2335	284	466.	2		1820	509	0.	3		1305	734	0.
1		0455	60	174.	1		2340	285	457.	2		1825	510	0.	3		1310	735	0.
1		0500	61	178.	1		2345	286	449.	2		1830	511	0.	3		1315	736	0.
1		0505	62	182.	1		2350	287	441.	2		1835	512	0.	3		1320	737	0.
1		0510	63	186.	1		2355	288	433.	2		1840	513	0.	3		1325	738	0.
1		0515	64	190.	2		0000	289	426.	2		1845	514	0.	3		1330	739	0.
1		0520	65	193.	2		0005	290	418.	2		1850	515	0.	3		1335	740	0.
1		0525	66	197.	2		0010	291	410.	2		1855	516	0.	3		1340	741	0.
1		0530	67	202.	2		0015	292	403.	2		1900	517	0.	3		1345	742	0.
1		0535	68	206.	2		0020	293	395.	2		1905	518	0.	3		1350	743	0.
1		0540	69	210.	2		0025	294	388.	2		1910	519	0.	3		1355	744	0.
1		0545	70	214.	2		0030	295	380.	2		1915	520	0.	3		1400	745	0.
1		0550	71	218.	2		0035	296	372.	2		1920	521	0.	3		1405	746	0.
1		0555	72	222.	2		0040	297	364.	2		1925	522	0.	3		1410	747	0.
1		0600	73	227.	2		0045	298	356.	2		1930	523	0.	3		1415	748	0.
1		0605	74	231.	2		0050	299	347.	2		1935	524	0.	3		1420	749	0.
1		0610	75	235.	2		0055	300	338.	2		1940	525	0.	3		1425	750	0.
1		0615	76	240.	2		0100	301	330.	2		1945	526	0.	3		1430	751	0.
1		0620	77	244.	2		0105	302	320.	2		1950	527	0.	3		1435	752	0.
1		0625	78	248.	2		0110	303	311.	2		1955	528	0.	3		1440	753	0.
1		0630	79	253.	2		0115	304	302.	2		2000	529	0.	3		1445	754	0.
1		0635	80	257.	2		0120	305	292.	2		2005	530	0.	3		1450	755	0.
1		0640	81	261.	2		0125	306	282.	2		2010	531	0.	3		1455	756	0.
1		0645	82	266.	2		0130	307	273.	2		2015	532	0.	3		1500	757	0.
1		0650	83	270.	2		0135	308	263.	2		2020	533	0.	3		1505	758	0.
1		0655	84	275.	2		0140	309	253.	2		2025	534	0.	3		1510	759	0.
1		0700	85	279.	2		0145	310	243.	2		2030	535	0.	3		1515	760	0.
1		0705	86	284.	2		0150	311	234.	2		2035	536	0.	3		1520	761	0.
1		0710	87	288.	2		0155	312	224.	2		2040	537	0.	3		1525	762	0.
1		0715	88	293.	2		0200	313	215.	2		2045	538	0.	3		1530	763	0.
1		0720	89	299.	2		0205	314	205.	2		2050	539	0.	3		1535	764	0.
1		0725	90	304.	2		0210	315	196.	2		2055	540	0.	3		1540	765	0.
1		0730	91	309.	2		0215	316	188.	2		2100	541	0.	3		1545	766	0.
1		0735	92	315.	2		0220	317	180.	2		2105	542	0.	3		1550	767	0.
1		0740	93	321.	2		0225	318	172.	2		2110	543	0.	3		1555	768	0.
1		0745	94	327.	2		0230	319	164.	2		2115	544	0.	3		1600	769	0.
1		0750	95	334.	2		0235	320	157.	2		2120	545	0.	3		1605	770	0.
1		0755	96	340.	2		0240	321	150.	2		2125	546	0.	3		1610	771	0.
1		0800	97	347.	2		0245	322	144.	2		2130	547	0.	3		1615	772	0.
1		0805	98	354.	2		0250	323	138.	2		2135	548	0.	3		1620	773	0.
1		0810	99	361.	2		0255	324	132.	2		2140	549	0.	3		1625	774	0.
1		0815	100	368.	2		0300	325	126.	2		2145	550	0.	3		1630	775	0.
1		0820	101	376.	2		0305	326	120.	2		2150	551	0.	3		1635	776	0.

1	0825	102	384.	*	2	0310	327	115.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	392.	*	2	0315	328	110.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	401.	*	2	0320	329	105.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	409.	*	2	0325	330	100.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	417.	*	2	0330	331	95.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	425.	*	2	0335	332	91.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	434.	*	2	0340	333	87.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	442.	*	2	0345	334	82.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	452.	*	2	0350	335	78.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	461.	*	2	0355	336	74.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	470.	*	2	0400	337	71.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	479.	*	2	0405	338	67.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	489.	*	2	0410	339	63.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	498.	*	2	0415	340	60.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	508.	*	2	0420	341	57.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	519.	*	2	0425	342	54.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	529.	*	2	0430	343	51.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	539.	*	2	0435	344	48.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	550.	*	2	0440	345	46.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	561.	*	2	0445	346	43.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	573.	*	2	0450	347	41.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	584.	*	2	0455	348	39.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	596.	*	2	0500	349	37.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	608.	*	2	0505	350	35.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	621.	*	2	0510	351	34.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	634.	*	2	0515	352	32.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	649.	*	2	0520	353	30.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	663.	*	2	0525	354	29.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	679.	*	2	0530	355	28.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	696.	*	2	0535	356	26.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	714.	*	2	0540	357	25.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	733.	*	2	0545	358	24.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	754.	*	2	0550	359	22.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	776.	*	2	0555	360	21.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	800.	*	2	0600	361	20.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	827.	*	2	0605	362	19.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	859.	*	2	0610	363	18.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	895.	*	2	0615	364	17.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1061.	*	2	0620	365	16.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1266.	*	2	0625	366	15.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1647.	*	2	0630	367	14.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2268.	*	2	0635	368	13.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3163.	*	2	0640	369	12.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4373.	*	2	0645	370	11.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6091.	*	2	0650	371	10.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	8140.	*	2	0655	372	9.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12255.	*	2	0700	373	8.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16570.	*	2	0705	374	7.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	21203.	*	2	0710	375	6.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	25888.	*	2	0715	376	5.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	30008.	*	2	0720	377	4.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	33552.	*	2	0725	378	3.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	36405.	*	2	0730	379	2.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	38436.	*	2	0735	380	1.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	39688.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	40470.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	41053.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	41465.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	41673.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	41689.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	41551.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	41254.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	40831.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	40274.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	39579.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38786.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	37943.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	37135.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	36279.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	35305.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	34150.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	32984.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	31806.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	30552.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	29275.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	28017.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	26751.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	25485.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	24219.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	23009.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21863.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20759.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19715.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18718.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17768.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16872.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16017.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15224.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14464.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13751.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13080.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12445.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11860.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11307.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10766.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10243.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9730.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9247.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8792.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8357.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7932.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7518.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7156.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6822.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6511.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6218.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.

1	1715	208	5939.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5674.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5424.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5188.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4961.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4736.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4511.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4299.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4116.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4002.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3911.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3799.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3673.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3535.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3391.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3245.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3099.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2954.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 41689.	13.33	(CFS)	21138.	5820.	1944.	1868.
		(INCHES)	1.597	1.759	1.762	1.762
		(AC-FT)	10482.	11543.	11565.	11565.

CUMULATIVE AREA = 123.08 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2703.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2568.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2440.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2319.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2204.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2097.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	1996.	2		1400	457	0.	3		0845	682	0.
1		0035	8	5.	1		1920	233	1903.	2		1405	458	0.	3		0850	683	0.
1		0040	9	7.	1		1925	234	1814.	2		1410	459	0.	3		0855	684	0.
1		0045	10	9.	1		1930	235	1731.	2		1415	460	0.	3		0900	685	0.
1		0050	11	11.	1		1935	236	1653.	2		1420	461	0.	3		0905	686	0.
1		0055	12	12.	1		1940	237	1580.	2		1425	462	0.	3		0910	687	0.
1		0100	13	14.	1		1945	238	1512.	2		1430	463	0.	3		0915	688	0.
1		0105	14	16.	1		1950	239	1449.	2		1435	464	0.	3		0920	689	0.
1		0110	15	17.	1		1955	240	1390.	2		1440	465	0.	3		0925	690	0.
1		0115	16	18.	1		2000	241	1336.	2		1445	466	0.	3		0930	691	0.
1		0120	17	20.	1		2005	242	1285.	2		1450	467	0.	3		0935	692	0.
1		0125	18	21.	1		2010	243	1237.	2		1455	468	0.	3		0940	693	0.
1		0130	19	22.	1		2015	244	1192.	2		1500	469	0.	3		0945	694	0.
1		0135	20	23.	1		2020	245	1149.	2		1505	470	0.	3		0950	695	0.
1		0140	21	24.	1		2025	246	1109.	2		1510	471	0.	3		0955	696	0.
1		0145	22	25.	1		2030	247	1072.	2		1515	472	0.	3		1000	697	0.
1		0150	23	26.	1		2035	248	1037.	2		1520	473	0.	3		1005	698	0.
1		0155	24	27.	1		2040	249	1004.	2		1525	474	0.	3		1010	699	0.
1		0200	25	30.	1		2045	250	971.	2		1530	475	0.	3		1015	700	0.
1		0205	26	34.	1		2050	251	940.	2		1535	476	0.	3		1020	701	0.
1		0210	27	38.	1		2055	252	911.	2		1540	477	0.	3		1025	702	0.
1		0215	28	42.	1		2100	253	884.	2		1545	478	0.	3		1030	703	0.
1		0220	29	46.	1		2105	254	859.	2		1550	479	0.	3		1035	704	0.
1		0225	30	50.	1		2110	255	834.	2		1555	480	0.	3		1040	705	0.
1		0230	31	54.	1		2115	256	811.	2		1600	481	0.	3		1045	706	0.
1		0235	32	58.	1		2120	257	789.	2		1605	482	0.	3		1050	707	0.
1		0240	33	63.	1		2125	258	769.	2		1610	483	0.	3		1055	708	0.
1		0245	34	67.	1		2130	259	750.	2		1615	484	0.	3		1100	709	0.
1		0250	35	71.	1		2135	260	732.	2		1620	485	0.	3		1105	710	0.
1		0255	36	75.	1		2140	261	715.	2		1625	486	0.	3		1110	711	0.
1		0300	37	80.	1		2145	262	698.	2		1630	487	0.	3		1115	712	0.
1		0305	38	84.	1		2150	263	681.	2		1635	488	0.	3		1120	713	0.
1		0310	39	88.	1		2155	264	666.	2		1640	489	0.	3		1125	714	0.
1		0315	40	92.	1		2200	265	652.	2		1645	490	0.	3		1130	715	0.
1		0320	41	96.	1		2205	266	638.	2		1650	491	0.	3		1135	716	0.
1		0325	42	100.	1		2210	267	625.	2		1655	492	0.	3		1140	717	0.
1		0330	43	103.	1		2215	268	613.	2		1700	493	0.	3		1145	718	0.
1		0335	44	107.	1		2220	269	602.	2		1705	494	0.	3		1150	719	0.
1		0340	45	111.	1		2225	270	590.	2		1710	495	0.	3		1155	720	0.
1		0345	46	114.	1		2230	271	578.	2		1715	496	0.	3		1200	721	0.
1		0350	47	118.	1		2235	272	566.	2		1720	497	0.	3		1205	722	0.
1		0355	48	121.	1		2240	273	555.	2		1725	498	0.	3		1210	723	0.
1		0400	49	125.	1		2245	274	544.	2		1730	499	0.	3		1215	724	0.
1		0405	50	129.	1		2250	275	534.	2		1735	500	0.	3		1220	725	0.
1		0410	51	132.	1		2255	276	524.	2		1740	501	0.	3		1225	726	0.
1		0415	52	136.	1		2300	277	514.	2		1745	502	0.	3		1230	727	0.
1		0420	53	140.	1		2305	278	504.	2		1750	503	0.	3		1235	728	0.
1		0425	54	144.	1		2310	279	495.	2		1755	504	0.	3		1240	729	0.
1		0430	55	148.	1		2315	280	485.	2		1800	505	0.	3		1245	730	0.
1		0435	56	152.	1		2320	281	476.	2		1805	506	0.	3		1250	731	0.
1		0440	57	156.	1		2325	282	467.	2		1810	507	0.	3		1255	732	0.
1		0445	58	159.	1		2330	283	458.	2		1815	508	0.	3		1300	733	0.
1		0450	59	163.	1		2335	284	450.	2		1820	509	0.	3		1305	734	0.
1		0455	60	166.	1		2340	285	442.	2		1825	510	0.	3		1310	735	0.
1		0500	61	170.	1		2345	286	434.	2		1830	511	0.	3		1315	736	0.
1		0505	62	174.	1		2350	287	426.	2		1835	512	0.	3		1320	737	0.
1		0510	63	177.	1		2355	288	418.	2		1840	513	0.	3		1325	738	0.
1		0515	64	180.	2		0000	289	411.	2		1845	514	0.	3		1330	739	0.
1		0520	65	184.	2		0005	290	404.	2		1850	515	0.	3		1335	740	0.

1	0525	66	187.	*	2	0010	291	397.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	191.	*	2	0015	292	389.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	195.	*	2	0020	293	382.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	199.	*	2	0025	294	375.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	203.	*	2	0030	295	367.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	207.	*	2	0035	296	359.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	211.	*	2	0040	297	352.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	215.	*	2	0045	298	344.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	219.	*	2	0050	299	336.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	223.	*	2	0055	300	327.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	227.	*	2	0100	301	319.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	232.	*	2	0105	302	310.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	236.	*	2	0110	303	301.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	240.	*	2	0115	304	291.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	244.	*	2	0120	305	282.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	249.	*	2	0125	306	273.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	253.	*	2	0130	307	263.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	258.	*	2	0135	308	253.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	262.	*	2	0140	309	244.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	266.	*	2	0145	310	234.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	271.	*	2	0150	311	225.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	275.	*	2	0155	312	216.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	280.	*	2	0200	313	206.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	285.	*	2	0205	314	197.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	290.	*	2	0210	315	189.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	295.	*	2	0215	316	181.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	301.	*	2	0220	317	173.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	306.	*	2	0225	318	165.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	312.	*	2	0230	319	158.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	318.	*	2	0235	320	151.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	324.	*	2	0240	321	144.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	331.	*	2	0245	322	138.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	337.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	344.	*	2	0255	324	126.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	352.	*	2	0300	325	120.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	359.	*	2	0305	326	115.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	367.	*	2	0310	327	110.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	375.	*	2	0315	328	105.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	383.	*	2	0320	329	100.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	391.	*	2	0325	330	95.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	399.	*	2	0330	331	91.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	407.	*	2	0335	332	86.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	415.	*	2	0340	333	82.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	424.	*	2	0345	334	78.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	432.	*	2	0350	335	74.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	441.	*	2	0355	336	70.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	450.	*	2	0400	337	67.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	459.	*	2	0405	338	63.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	468.	*	2	0410	339	60.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	478.	*	2	0415	340	56.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	487.	*	2	0420	341	53.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	497.	*	2	0425	342	51.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	507.	*	2	0430	343	48.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	517.	*	2	0435	344	45.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	528.	*	2	0440	345	43.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	538.	*	2	0445	346	41.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	549.	*	2	0450	347	39.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	561.	*	2	0455	348	37.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	572.	*	2	0500	349	35.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	584.	*	2	0505	350	33.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	597.	*	2	0510	351	32.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	610.	*	2	0515	352	30.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	624.	*	2	0520	353	29.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	638.	*	2	0525	354	27.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	653.	*	2	0530	355	26.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	669.	*	2	0535	356	25.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	687.	*	2	0540	357	23.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	705.	*	2	0545	358	22.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	726.	*	2	0550	359	21.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	747.	*	2	0555	360	20.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	770.	*	2	0600	361	19.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	795.	*	2	0605	362	18.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	824.	*	2	0610	363	17.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	856.	*	2	0615	364	16.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1013.	*	2	0620	365	15.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1206.	*	2	0625	366	14.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1568.	*	2	0630	367	13.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2161.	*	2	0635	368	12.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3018.	*	2	0640	369	10.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4180.	*	2	0645	370	9.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5807.	*	2	0650	371	8.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7743.	*	2	0655	372	8.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	11408.	*	2	0700	373	7.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	15669.	*	2	0705	374	6.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	20053.	*	2	0710	375	5.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	24537.	*	2	0715	376	4.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	28475.	*	2	0720	377	3.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	31895.	*	2	0725	378	2.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	34622.	*	2	0730	379	1.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	36584.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	37844.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	38552.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	38861.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	39075.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	39189.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	39192.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	39093.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	38859.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	38490.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	38025.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	37456.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	36789.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36039.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	35197.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	34247.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	33282.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.

1	1415	172	32315.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	31313.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	30246.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	29119.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	27995.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	26844.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25666.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24466.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23274.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22146.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21078.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20027.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19032.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18073.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17167.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16301.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15490.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	14714.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13985.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13305.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	12659.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12054.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11498.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10950.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10419.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9909.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9414.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8948.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8504.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8078.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7647.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7259.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6915.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6596.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6297.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6014.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5745.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5489.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5248.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5018.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4794.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4570.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4352.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4159.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4021.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3933.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3828.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3704.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3569.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3424.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3278.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3130.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2985.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2842.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 39192.	13.33		20141.	5550.	1854.	1781.
		(INCHES)	1.522	1.677	1.680	1.680
		(AC-FT)	9987.	11009.	11030.	11030.

CUMULATIVE AREA = 123.08 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2508.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2382.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2263.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2152.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	1.	*	1		1905	230	2046.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	2.	*	1		1910	231	1948.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	4.	*	1		1915	232	1856.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	5.	*	1		1920	233	1771.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	7.	*	1		1925	234	1690.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	8.	*	1		1930	235	1614.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	10.	*	1		1935	236	1542.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	12.	*	1		1940	237	1475.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	13.	*	1		1945	238	1414.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	15.	*	1		1950	239	1356.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	16.	*	1		1955	240	1302.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	17.	*	1		2000	241	1251.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	19.	*	1		2005	242	1204.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	20.	*	1		2010	243	1160.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	21.	*	1		2015	244	1118.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	21.	*	1		2020	245	1078.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	22.	*	1		2025	246	1041.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	23.	*	1		2030	247	1006.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	24.	*	1		2035	248	973.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	25.	*	1		2040	249	942.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	26.	*	1		2045	250	911.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	29.	*	1		2050	251	882.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	33.	*	1		2055	252	855.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	37.	*	1		2100	253	829.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	40.	*	1		2105	254	805.	*	2		1550	479	0.	*	3		1035	704	0.

1	0225	30	44.	*	1	2110	255	783.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	48.	*	1	2115	256	761.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	52.	*	1	2120	257	741.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	56.	*	1	2125	258	723.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	59.	*	1	2130	259	705.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	63.	*	1	2135	260	689.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	67.	*	1	2140	261	673.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	71.	*	1	2145	262	657.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	75.	*	1	2150	263	642.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	79.	*	1	2155	264	627.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	83.	*	1	2200	265	614.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	86.	*	1	2205	266	601.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	90.	*	1	2210	267	589.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	93.	*	1	2215	268	577.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	97.	*	1	2220	269	567.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	100.	*	1	2225	270	555.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	103.	*	1	2230	271	544.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	106.	*	1	2235	272	532.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	110.	*	1	2240	273	522.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	113.	*	1	2245	274	512.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	116.	*	1	2250	275	502.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	119.	*	1	2255	276	492.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	123.	*	1	2300	277	482.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	127.	*	1	2305	278	473.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	131.	*	1	2310	279	464.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	134.	*	1	2315	280	455.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	138.	*	1	2320	281	446.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	141.	*	1	2325	282	437.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	145.	*	1	2330	283	429.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	148.	*	1	2335	284	421.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	151.	*	1	2340	285	414.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	155.	*	1	2345	286	406.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	158.	*	1	2350	287	399.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	161.	*	1	2355	288	392.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	165.	*	2	0000	289	385.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	168.	*	2	0005	290	379.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	171.	*	2	0010	291	372.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	174.	*	2	0015	292	365.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	177.	*	2	0020	293	359.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	180.	*	2	0025	294	352.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	183.	*	2	0030	295	345.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	186.	*	2	0035	296	337.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	189.	*	2	0040	297	330.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	193.	*	2	0045	298	323.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	197.	*	2	0050	299	315.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	201.	*	2	0055	300	307.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	205.	*	2	0100	301	299.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	209.	*	2	0105	302	290.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	213.	*	2	0110	303	281.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	217.	*	2	0115	304	273.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	221.	*	2	0120	305	264.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	226.	*	2	0125	306	254.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	230.	*	2	0130	307	245.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	234.	*	2	0135	308	236.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	239.	*	2	0140	309	227.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	243.	*	2	0145	310	218.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	247.	*	2	0150	311	209.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	251.	*	2	0155	312	200.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	256.	*	2	0200	313	191.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	261.	*	2	0205	314	183.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	265.	*	2	0210	315	175.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	270.	*	2	0215	316	168.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	275.	*	2	0220	317	160.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	280.	*	2	0225	318	153.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	285.	*	2	0230	319	146.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	291.	*	2	0235	320	140.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	297.	*	2	0240	321	133.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	302.	*	2	0245	322	127.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	308.	*	2	0250	323	121.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	315.	*	2	0255	324	116.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	321.	*	2	0300	325	110.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	328.	*	2	0305	326	105.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	336.	*	2	0310	327	100.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	343.	*	2	0315	328	95.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	351.	*	2	0320	329	91.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	358.	*	2	0325	330	86.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	366.	*	2	0330	331	82.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	373.	*	2	0335	332	78.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	381.	*	2	0340	333	74.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	389.	*	2	0345	334	70.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	398.	*	2	0350	335	66.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	406.	*	2	0355	336	63.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	415.	*	2	0400	337	59.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	423.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	432.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	441.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	450.	*	2	0420	341	48.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	459.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	468.	*	2	0430	343	43.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	478.	*	2	0435	344	41.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	487.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	497.	*	2	0445	346	37.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	508.	*	2	0450	347	35.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	518.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	529.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	541.	*	2	0505	350	30.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	552.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	565.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	578.	*	2	0520	353	26.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	592.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	606.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	621.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	637.	*	2	0540	357	21.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	655.	*	2	0545	358	20.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	674.	*	2	0550	359	19.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	694.	*	2	0555	360	18.	*	3	0040	585	0.	*	3	1925	810	0.

1	1115	136	715.	*	2	0600	361	17.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	739.	*	2	0605	362	16.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	765.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	795.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	939.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1116.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1450.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1996.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2787.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3860.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5322.	*	2	0650	371	7.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7056.	*	2	0655	372	6.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	9938.	*	2	0700	373	5.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	14100.	*	2	0705	374	4.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	18073.	*	2	0710	375	3.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	22182.	*	2	0715	376	2.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	25773.	*	2	0720	377	1.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	28968.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	31429.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	33211.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	34334.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	34925.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	35170.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	35273.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35271.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35182.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35018.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	34757.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34409.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	33962.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	33436.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	32841.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	32189.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31493.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	30759.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29998.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	29219.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	28437.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27601.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	26682.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25729.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24723.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23677.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22625.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21614.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20628.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19672.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18718.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17804.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16931.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	16094.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15305.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14535.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13817.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13152.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12519.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11930.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11378.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10833.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10304.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9797.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9318.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8854.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8410.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7977.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7551.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7167.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6815.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6498.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6201.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	5921.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5656.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5404.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5164.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4935.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4711.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4487.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4277.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4096.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3988.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3893.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3779.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3651.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3511.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3364.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3214.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3065.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2919.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2778.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2640.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 35273.	13.17		18388.	5077.	1695.	1629.
		(INCHES)	1.389	1.534	1.537	1.537
		(AC-FT)	9118.	10070.	10089.	10089.

CUMULATIVE AREA = 123.08 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 130.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2433.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2311.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2196.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2088.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	1986.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	1891.	2		1355	456	0.	3		0840	681	0.
1		0030	7	3.	1		1915	232	1803.	2		1400	457	0.	3		0845	682	0.
1		0035	8	5.	1		1920	233	1721.	2		1405	458	0.	3		0850	683	0.
1		0040	9	6.	1		1925	234	1643.	2		1410	459	0.	3		0855	684	0.
1		0045	10	8.	1		1930	235	1569.	2		1415	460	0.	3		0900	685	0.
1		0050	11	10.	1		1935	236	1500.	2		1420	461	0.	3		0905	686	0.
1		0055	12	11.	1		1940	237	1436.	2		1425	462	0.	3		0910	687	0.
1		0100	13	13.	1		1945	238	1376.	2		1430	463	0.	3		0915	688	0.
1		0105	14	14.	1		1950	239	1320.	2		1435	464	0.	3		0920	689	0.
1		0110	15	16.	1		1955	240	1268.	2		1440	465	0.	3		0925	690	0.
1		0115	16	17.	1		2000	241	1219.	2		1445	466	0.	3		0930	691	0.
1		0120	17	18.	1		2005	242	1173.	2		1450	467	0.	3		0935	692	0.
1		0125	18	19.	1		2010	243	1130.	2		1455	468	0.	3		0940	693	0.
1		0130	19	20.	1		2015	244	1089.	2		1500	469	0.	3		0945	694	0.
1		0135	20	21.	1		2020	245	1050.	2		1505	470	0.	3		0950	695	0.
1		0140	21	22.	1		2025	246	1014.	2		1510	471	0.	3		0955	696	0.
1		0145	22	23.	1		2030	247	980.	2		1515	472	0.	3		1000	697	0.
1		0150	23	24.	1		2035	248	948.	2		1520	473	0.	3		1005	698	0.
1		0155	24	24.	1		2040	249	917.	2		1525	474	0.	3		1010	699	0.
1		0200	25	25.	1		2045	250	888.	2		1530	475	0.	3		1015	700	0.
1		0205	26	28.	1		2050	251	859.	2		1535	476	0.	3		1020	701	0.
1		0210	27	31.	1		2055	252	833.	2		1540	477	0.	3		1025	702	0.
1		0215	28	35.	1		2100	253	808.	2		1545	478	0.	3		1030	703	0.
1		0220	29	38.	1		2105	254	785.	2		1550	479	0.	3		1035	704	0.
1		0225	30	42.	1		2110	255	763.	2		1555	480	0.	3		1040	705	0.
1		0230	31	45.	1		2115	256	742.	2		1600	481	0.	3		1045	706	0.
1		0235	32	49.	1		2120	257	723.	2		1605	482	0.	3		1050	707	0.
1		0240	33	53.	1		2125	258	705.	2		1610	483	0.	3		1055	708	0.
1		0245	34	56.	1		2130	259	688.	2		1615	484	0.	3		1100	709	0.
1		0250	35	60.	1		2135	260	672.	2		1620	485	0.	3		1105	710	0.
1		0255	36	64.	1		2140	261	657.	2		1625	486	0.	3		1110	711	0.
1		0300	37	68.	1		2145	262	641.	2		1630	487	0.	3		1115	712	0.
1		0305	38	72.	1		2150	263	626.	2		1635	488	0.	3		1120	713	0.
1		0310	39	75.	1		2155	264	612.	2		1640	489	0.	3		1125	714	0.
1		0315	40	79.	1		2200	265	599.	2		1645	490	0.	3		1130	715	0.
1		0320	41	82.	1		2205	266	586.	2		1650	491	0.	3		1135	716	0.
1		0325	42	86.	1		2210	267	574.	2		1655	492	0.	3		1140	717	0.
1		0330	43	89.	1		2215	268	563.	2		1700	493	0.	3		1145	718	0.
1		0335	44	92.	1		2220	269	552.	2		1705	494	0.	3		1150	719	0.
1		0340	45	96.	1		2225	270	541.	2		1710	495	0.	3		1155	720	0.
1		0345	46	99.	1		2230	271	530.	2		1715	496	0.	3		1200	721	0.
1		0350	47	102.	1		2235	272	519.	2		1720	497	0.	3		1205	722	0.
1		0355	48	105.	1		2240	273	508.	2		1725	498	0.	3		1210	723	0.
1		0400	49	108.	1		2245	274	498.	2		1730	499	0.	3		1215	724	0.
1		0405	50	111.	1		2250	275	489.	2		1735	500	0.	3		1220	725	0.
1		0410	51	114.	1		2255	276	479.	2		1740	501	0.	3		1225	726	0.
1		0415	52	118.	1		2300	277	470.	2		1745	502	0.	3		1230	727	0.
1		0420	53	121.	1		2305	278	461.	2		1750	503	0.	3		1235	728	0.
1		0425	54	125.	1		2310	279	452.	2		1755	504	0.	3		1240	729	0.
1		0430	55	129.	1		2315	280	443.	2		1800	505	0.	3		1245	730	0.
1		0435	56	132.	1		2320	281	434.	2		1805	506	0.	3		1250	731	0.
1		0440	57	136.	1		2325	282	426.	2		1810	507	0.	3		1255	732	0.
1		0445	58	139.	1		2330	283	418.	2		1815	508	0.	3		1300	733	0.
1		0450	59	142.	1		2335	284	410.	2		1820	509	0.	3		1305	734	0.
1		0455	60	145.	1		2340	285	403.	2		1825	510	0.	3		1310	735	0.
1		0500	61	148.	1		2345	286	395.	2		1830	511	0.	3		1315	736	0.
1		0505	62	152.	1		2350	287	388.	2		1835	512	0.	3		1320	737	0.
1		0510	63	155.	1		2355	288	382.	2		1840	513	0.	3		1325	738	0.
1		0515	64	158.	2		0000	289	375.	2		1845	514	0.	3		1330	739	0.
1		0520	65	161.	2		0005	290	369.	2		1850	515	0.	3		1335	740	0.
1		0525	66	164.	2		0010	291	362.	2		1855	516	0.	3		1340	741	0.
1		0530	67	167.	2		0015	292	356.	2		1900	517	0.	3		1345	742	0.
1		0535	68	170.	2		0020	293	349.	2		1905	518	0.	3		1350	743	0.
1		0540	69	173.	2		0025	294	343.	2		1910	519	0.	3		1355	744	0.
1		0545	70	176.	2		0030	295	336.	2		1915	520	0.	3		1400	745	0.
1		0550	71	179.	2		0035	296	329.	2		1920	521	0.	3		1405	746	0.
1		0555	72	182.	2		0040	297	321.	2		1925	522	0.	3		1410	747	0.
1		0600	73	185.	2		0045	298	314.	2		1930	523	0.	3		1415	748	0.
1		0605	74	188.	2		0050	299	306.	2		1935	524	0.	3		1420	749	0.
1		0610	75	192.	2		0055	300	299.	2		1940	525	0.	3		1425	750	0.
1		0615	76	196.	2		0100	301	290.	2		1945	526	0.	3		1430	751	0.
1		0620	77	200.	2		0105	302	282.	2		1950	527	0.	3		1435	752	0.
1		0625	78	204.	2		0110	303	274.	2		1955	528	0.	3		1440	753	0.
1		0630	79	208.	2		0115	304	265.	2		2000	529	0.	3		1445	754	0.
1		0635	80	212.	2		0120	305	256.	2		2005	530	0.	3		1450	755	0.
1		0640	81	216.	2		0125	306	247.	2		2010	531	0.	3		1455	756	0.
1		0645	82	220.	2		0130	307	238.	2		2015	532	0.	3		1500	757	0.
1		0650	83	225.	2		0135	308	229.	2		2020	533	0.	3		1505	758	0.
1		0655	84	229.	2		0140	309	220.	2		2025	534	0.	3		1510	759	0.
1		0700	85	233.	2		0145	310	211.	2		2030	535	0.	3		1515	760	0.
1		0705	86	237.	2		0150	311	202.	2		2035	536	0.	3		1520	761	0.
1		0710	87	241.	2		0155	312	194.	2		2040	537	0.	3		1525	762	0.
1		0715	88	246.	2		0200	313	185.	2		2045	538	0.	3		1530	763	0.
1		0720	89	250.	2		0205	314	177.	2		2050	539	0.	3		1535	764	0.
1		0725	90	255.	2		0210	315	170.	2		2055	540	0.	3		1540	765	0.
1		0730	91	260.	2		0215	316	162.	2		2100	541	0.	3		1545	766	0.
1		0735	92	264.	2		0220	317	155.	2		2105	542	0.	3		1550	767	0.
1		0740	93	269.	2		0225	318	148.	2		2110	543	0.	3		1555	768	0.
1		0745	94	275.	2		0230	319	141.	2		2115	544	0.	3		1600	769	0.
1		0750	95	280.	2		0235	320	135.	2		2120	545	0.	3		1605	770	0.
1		0755	96	285.	2		0240	321	129.	2		2125	546	0.	3		1610	771	0.
1		0800	97	291.	2		0245	322	123.	2		2130	547	0.	3		1615	772	0.
1		0805	98	297.	2		0250	323	117.	2		2135	548	0.	3		1620	773	0.
1		0810	99	303.	2		0255	324	111.	2		2140	549	0.	3		1625	774	0.

1	0815	100	309.	*	2	0300	325	106.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	316.	*	2	0305	326	101.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	323.	*	2	0310	327	96.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	330.	*	2	0315	328	91.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	338.	*	2	0320	329	87.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	345.	*	2	0325	330	83.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	352.	*	2	0330	331	78.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	360.	*	2	0335	332	74.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	367.	*	2	0340	333	70.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	375.	*	2	0345	334	67.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	384.	*	2	0350	335	63.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	392.	*	2	0355	336	60.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	400.	*	2	0400	337	56.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	408.	*	2	0405	338	53.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	417.	*	2	0410	339	50.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	426.	*	2	0415	340	48.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	435.	*	2	0420	341	45.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	444.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	453.	*	2	0430	343	41.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	462.	*	2	0435	344	39.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	471.	*	2	0440	345	37.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	481.	*	2	0445	346	35.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	491.	*	2	0450	347	33.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	501.	*	2	0455	348	32.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	512.	*	2	0500	349	30.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	523.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	534.	*	2	0510	351	27.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	546.	*	2	0515	352	26.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	559.	*	2	0520	353	24.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	573.	*	2	0525	354	23.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	587.	*	2	0530	355	22.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	602.	*	2	0535	356	21.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	617.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	634.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	653.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	672.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	693.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	716.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	742.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	770.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	909.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1080.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1403.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1931.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2696.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3733.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5128.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6781.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	9359.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13478.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	17289.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	21228.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24688.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	27780.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	30156.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31841.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	32902.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	33458.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	33664.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33719.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33667.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33536.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33354.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33099.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	32770.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32347.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	31846.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	31283.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	30671.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	30028.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	29366.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	28704.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28023.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27301.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26523.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25677.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	24776.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	23832.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	22860.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	21899.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	20942.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20013.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19099.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18182.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17311.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16468.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15670.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	14898.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14149.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13465.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	12820.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12207.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11650.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11102.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10564.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10046.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9553.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9087.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8632.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8196.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7758.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7353.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	6984.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6643.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6336.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6047.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.

1	1705	206	5775.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5516.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5271.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5036.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4810.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4586.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4368.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4173.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4025.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3937.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3831.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3708.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3573.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3429.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3280.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3128.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	2980.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2836.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2697.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2562.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 33719.	13.17		17684.	4887.	1632.	1568.
		(INCHES)	1.336	1.477	1.479	1.479
		(AC-FT)	8769.	9693.	9711.	9711.

CUMULATIVE AREA = 123.08 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2433.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2311.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2196.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2088.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	1.	*	1		1905	230	1986.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	2.	*	1		1910	231	1891.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	3.	*	1		1915	232	1803.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	5.	*	1		1920	233	1721.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	6.	*	1		1925	234	1643.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	8.	*	1		1930	235	1569.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	10.	*	1		1935	236	1500.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	11.	*	1		1940	237	1436.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	13.	*	1		1945	238	1376.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	14.	*	1		1950	239	1320.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	16.	*	1		1955	240	1268.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	17.	*	1		2000	241	1219.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	18.	*	1		2005	242	1173.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	19.	*	1		2010	243	1130.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	20.	*	1		2015	244	1089.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	21.	*	1		2020	245	1050.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	22.	*	1		2025	246	1014.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	23.	*	1		2030	247	980.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	24.	*	1		2035	248	948.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	24.	*	1		2040	249	917.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	25.	*	1		2045	250	888.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	28.	*	1		2050	251	859.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	31.	*	1		2055	252	833.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	35.	*	1		2100	253	808.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	38.	*	1		2105	254	785.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	42.	*	1		2110	255	763.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	45.	*	1		2115	256	742.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	49.	*	1		2120	257	723.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	53.	*	1		2125	258	705.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	56.	*	1		2130	259	688.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	60.	*	1		2135	260	672.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	64.	*	1		2140	261	657.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	68.	*	1		2145	262	641.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	72.	*	1		2150	263	626.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	75.	*	1		2155	264	612.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	79.	*	1		2200	265	599.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	82.	*	1		2205	266	586.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	86.	*	1		2210	267	574.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	89.	*	1		2215	268	563.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	92.	*	1		2220	269	552.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	96.	*	1		2225	270	541.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	99.	*	1		2230	271	530.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	102.	*	1		2235	272	519.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	105.	*	1		2240	273	508.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	108.	*	1		2245	274	498.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	111.	*	1		2250	275	489.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	114.	*	1		2255	276	479.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	118.	*	1		2300	277	470.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	121.	*	1		2305	278	461.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	125.	*	1		2310	279	452.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	129.	*	1		2315	280	443.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	132.	*	1		2320	281	434.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	136.	*	1		2325	282	426.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	139.	*	1		2330	283	418.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	142.	*	1		2335	284	410.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	145.	*	1		2340	285	403.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	148.	*	1		2345	286	395.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	152.	*	1		2350	287	388.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	155.	*	1		2355	288	382.	*	2		1840	513	0.	*	3		1325	738	0.

1	0515	64	158.	*	2	0000	289	375.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	161.	*	2	0005	290	369.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	164.	*	2	0010	291	362.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	167.	*	2	0015	292	356.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	170.	*	2	0020	293	349.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	173.	*	2	0025	294	343.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	176.	*	2	0030	295	336.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	179.	*	2	0035	296	329.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	182.	*	2	0040	297	321.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	185.	*	2	0045	298	314.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	188.	*	2	0050	299	306.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	192.	*	2	0055	300	299.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	196.	*	2	0100	301	290.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	200.	*	2	0105	302	282.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	204.	*	2	0110	303	274.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	208.	*	2	0115	304	265.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	212.	*	2	0120	305	256.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	216.	*	2	0125	306	247.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	220.	*	2	0130	307	238.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	225.	*	2	0135	308	229.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	229.	*	2	0140	309	220.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	233.	*	2	0145	310	211.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	237.	*	2	0150	311	202.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	241.	*	2	0155	312	194.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	246.	*	2	0200	313	185.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	250.	*	2	0205	314	177.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	255.	*	2	0210	315	170.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	260.	*	2	0215	316	162.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	264.	*	2	0220	317	155.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	269.	*	2	0225	318	148.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	275.	*	2	0230	319	141.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	280.	*	2	0235	320	135.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	285.	*	2	0240	321	129.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	291.	*	2	0245	322	123.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	297.	*	2	0250	323	117.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	303.	*	2	0255	324	111.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	309.	*	2	0300	325	106.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	316.	*	2	0305	326	101.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	323.	*	2	0310	327	96.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	330.	*	2	0315	328	91.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	338.	*	2	0320	329	87.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	345.	*	2	0325	330	83.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	352.	*	2	0330	331	78.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	360.	*	2	0335	332	74.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	367.	*	2	0340	333	70.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	375.	*	2	0345	334	67.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	384.	*	2	0350	335	63.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	392.	*	2	0355	336	60.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	400.	*	2	0400	337	56.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	408.	*	2	0405	338	53.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	417.	*	2	0410	339	50.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	426.	*	2	0415	340	48.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	435.	*	2	0420	341	45.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	444.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	453.	*	2	0430	343	41.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	462.	*	2	0435	344	39.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	471.	*	2	0440	345	37.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	481.	*	2	0445	346	35.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	491.	*	2	0450	347	33.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	501.	*	2	0455	348	32.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	512.	*	2	0500	349	30.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	523.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	534.	*	2	0510	351	27.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	546.	*	2	0515	352	26.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	559.	*	2	0520	353	24.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	573.	*	2	0525	354	23.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	587.	*	2	0530	355	22.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	602.	*	2	0535	356	21.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	617.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	634.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	653.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	672.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	693.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	716.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	742.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	770.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	909.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1080.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1403.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1931.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2696.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3733.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5128.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6781.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	9359.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13478.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	17289.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	21228.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24688.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	27780.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	30156.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31841.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	32902.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	33458.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	33664.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33719.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33667.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33536.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33354.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33099.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	32770.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32347.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	31846.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	31283.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	30671.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	30028.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.

1	1405	170	29366.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	28704.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28023.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27301.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26523.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25677.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	24776.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	23832.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	22860.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	21899.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	20942.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20013.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19099.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18182.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17311.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16468.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15670.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	14898.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14149.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13465.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	12820.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12207.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11650.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11102.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10564.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10046.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9553.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9087.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8632.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8196.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7758.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7353.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	6984.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6643.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6336.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6047.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	5775.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5516.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5271.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5036.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4810.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4586.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4368.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4173.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4025.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3937.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3831.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3708.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3573.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3429.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3280.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3128.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	2980.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2836.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2697.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2562.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 33719.	13.17		17684.	4887.	1632.	1568.
		(INCHES)	1.336	1.477	1.479	1.479
		(AC-FT)	8769..	9693.	9711.	9711.

CUMULATIVE AREA = 123.08 SQ MI

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INTERPOLATED HYDROGRAPH AT C400

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2440.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2317.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2202.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2094.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	1.	*	1		1905	230	1991.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	2.	*	1		1910	231	1896.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	3.	*	1		1915	232	1808.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	5.	*	1		1920	233	1725.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	7.	*	1		1925	234	1647.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	8.	*	1		1930	235	1573.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	10.	*	1		1935	236	1504.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	11.	*	1		1940	237	1439.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	13.	*	1		1945	238	1379.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	14.	*	1		1950	239	1323.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	16.	*	1		1955	240	1271.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	17.	*	1		2000	241	1222.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	18.	*	1		2005	242	1176.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	19.	*	1		2010	243	1133.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	20.	*	1		2015	244	1092.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	21.	*	1		2020	245	1053.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	22.	*	1		2025	246	1017.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	23.	*	1		2030	247	983.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	24.	*	1		2035	248	951.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	24.	*	1		2040	249	920.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	25.	*	1		2045	250	890.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	28.	*	1		2050	251	861.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	31.	*	1		2055	252	835.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	35.	*	1		2100	253	810.	*	2		1545	478	0.	*	3		1030	703	0.

1	0220	29	38.	*	1	2105	254	787.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	42.	*	1	2110	255	765.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	45.	*	1	2115	256	744.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	49.	*	1	2120	257	724.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	53.	*	1	2125	258	706.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	57.	*	1	2130	259	690.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	60.	*	1	2135	260	674.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	64.	*	1	2140	261	658.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	68.	*	1	2145	262	643.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	72.	*	1	2150	263	628.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	76.	*	1	2155	264	614.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	79.	*	1	2200	265	600.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	83.	*	1	2205	266	587.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	86.	*	1	2210	267	576.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	89.	*	1	2215	268	564.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	93.	*	1	2220	269	554.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	96.	*	1	2225	270	543.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	99.	*	1	2230	271	531.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	102.	*	1	2235	272	520.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	105.	*	1	2240	273	510.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	108.	*	1	2245	274	500.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	112.	*	1	2250	275	490.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	115.	*	1	2255	276	480.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	118.	*	1	2300	277	471.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	122.	*	1	2305	278	462.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	125.	*	1	2310	279	453.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	129.	*	1	2315	280	444.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	133.	*	1	2320	281	435.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	136.	*	1	2325	282	427.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	139.	*	1	2330	283	419.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	142.	*	1	2335	284	411.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	146.	*	1	2340	285	404.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	149.	*	1	2345	286	396.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	152.	*	1	2350	287	389.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	156.	*	1	2355	288	383.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	159.	*	2	0000	289	376.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	162.	*	2	0005	290	369.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	165.	*	2	0010	291	363.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	168.	*	2	0015	292	357.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	171.	*	2	0020	293	350.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	174.	*	2	0025	294	343.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	176.	*	2	0030	295	337.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	179.	*	2	0035	296	329.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	182.	*	2	0040	297	322.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	186.	*	2	0045	298	315.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	189.	*	2	0050	299	307.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	193.	*	2	0055	300	299.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	196.	*	2	0100	301	291.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	200.	*	2	0105	302	283.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	204.	*	2	0110	303	274.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	209.	*	2	0115	304	266.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	213.	*	2	0120	305	257.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	217.	*	2	0125	306	248.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	221.	*	2	0130	307	239.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	226.	*	2	0135	308	230.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	230.	*	2	0140	309	221.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	234.	*	2	0145	310	212.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	238.	*	2	0150	311	203.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	242.	*	2	0155	312	194.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	247.	*	2	0200	313	186.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	251.	*	2	0205	314	178.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	256.	*	2	0210	315	170.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	261.	*	2	0215	316	163.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	265.	*	2	0220	317	155.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	270.	*	2	0225	318	149.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	275.	*	2	0230	319	142.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	281.	*	2	0235	320	135.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	286.	*	2	0240	321	129.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	292.	*	2	0245	322	123.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	298.	*	2	0250	323	117.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	304.	*	2	0255	324	112.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	310.	*	2	0300	325	107.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	317.	*	2	0305	326	101.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	324.	*	2	0310	327	97.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	331.	*	2	0315	328	92.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	339.	*	2	0320	329	87.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	346.	*	2	0325	330	83.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	353.	*	2	0330	331	79.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	361.	*	2	0335	332	74.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	369.	*	2	0340	333	71.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	377.	*	2	0345	334	67.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	385.	*	2	0350	335	63.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	393.	*	2	0355	336	60.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	401.	*	2	0400	337	57.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	410.	*	2	0405	338	54.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	418.	*	2	0410	339	51.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	427.	*	2	0415	340	48.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	436.	*	2	0420	341	45.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	445.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	454.	*	2	0430	343	41.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	463.	*	2	0435	344	39.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	473.	*	2	0440	345	37.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	482.	*	2	0445	346	35.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	493.	*	2	0450	347	33.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	503.	*	2	0455	348	32.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	513.	*	2	0500	349	30.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	524.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	536.	*	2	0510	351	27.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	548.	*	2	0515	352	26.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	561.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	574.	*	2	0525	354	23.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	588.	*	2	0530	355	22.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	603.	*	2	0535	356	21.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	619.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	636.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	655.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.

1	1110	135	674.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	695.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	718.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	744.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	772.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	912.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1084.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1407.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1937.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2704.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3744.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5146.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6805.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	9410.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13533.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	17358.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	21313.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24784.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	27885.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	30269.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31963.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	33029.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	33588.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	33797.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33856.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33809.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33681.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33501.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33246.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	32915.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32489.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	31986.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	31421.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	30805.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	30158.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	29489.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	28819.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28129.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27401.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26618.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25766.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	24861.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	23910.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	22932.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	21963.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21002.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20067.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19149.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18230.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17355.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16509.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15708.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	14934.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14184.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13497.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	12849.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12234.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11675.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11126.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10588.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10069.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9574.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9107.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8652.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8215.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	7778.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7371.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7001.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6659.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6350.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6061.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	5788.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5529.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5283.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5047.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	4821.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4597.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4378.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4182.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4031.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	3942.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3836.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3714.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3580.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3436.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3287.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3136.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	2988.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	2843.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2704.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2569.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 33856.	13.17		17746.	4904.	1638.	1574.
		(INCHES)	1.341	1.482	1.484	1.484
		(AC-FT)	8800.	9726.	9744.	9744.

CUMULATIVE AREA = 123.08 SQ MI

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954 KK          **************
                *            *
                *      C410  *
                *            *
                **************

955 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                          Combine routed hydrograph from C400 w/runoff from S410 at C410.

957 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT C410
TRANSPOSITION AREA .0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3499.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3362.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	3222.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	3082.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	2943.	2		1350	455	0.	3		0835	680	0.
1		0025	6	1.	1		1910	231	2806.	2		1355	456	0.	3		0840	681	0.
1		0030	7	1.	1		1915	232	2673.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	2544.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	2421.	2		1410	459	0.	3		0855	684	0.
1		0045	10	2.	1		1930	235	2304.	2		1415	460	0.	3		0900	685	0.
1		0050	11	2.	1		1935	236	2193.	2		1420	461	0.	3		0905	686	0.
1		0055	12	2.	1		1940	237	2088.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	1989.	2		1430	463	0.	3		0915	688	0.
1		0105	14	2.	1		1950	239	1896.	2		1435	464	0.	3		0920	689	0.
1		0110	15	3.	1		1955	240	1809.	2		1440	465	0.	3		0925	690	0.
1		0115	16	5.	1		2000	241	1728.	2		1445	466	0.	3		0930	691	0.
1		0120	17	6.	1		2005	242	1652.	2		1450	467	0.	3		0935	692	0.
1		0125	18	8.	1		2010	243	1581.	2		1455	468	0.	3		0940	693	0.
1		0130	19	9.	1		2015	244	1515.	2		1500	469	0.	3		0945	694	0.
1		0135	20	11.	1		2020	245	1454.	2		1505	470	0.	3		0950	695	0.
1		0140	21	12.	1		2025	246	1396.	2		1510	471	0.	3		0955	696	0.
1		0145	22	13.	1		2030	247	1342.	2		1515	472	0.	3		1000	697	0.
1		0150	23	14.	1		2035	248	1292.	2		1520	473	0.	3		1005	698	0.
1		0155	24	16.	1		2040	249	1246.	2		1525	474	0.	3		1010	699	0.
1		0200	25	18.	1		2045	250	1202.	2		1530	475	0.	3		1015	700	0.
1		0205	26	20.	1		2050	251	1160.	2		1535	476	0.	3		1020	701	0.
1		0210	27	24.	1		2055	252	1122.	2		1540	477	0.	3		1025	702	0.
1		0215	28	27.	1		2100	253	1085.	2		1545	478	0.	3		1030	703	0.
1		0220	29	31.	1		2105	254	1050.	2		1550	479	0.	3		1035	704	0.
1		0225	30	35.	1		2110	255	1018.	2		1555	480	0.	3		1040	705	0.
1		0230	31	40.	1		2115	256	987.	2		1600	481	0.	3		1045	706	0.
1		0235	32	44.	1		2120	257	958.	2		1605	482	0.	3		1050	707	0.
1		0240	33	49.	1		2125	258	930.	2		1610	483	0.	3		1055	708	0.
1		0245	34	53.	1		2130	259	904.	2		1615	484	0.	3		1100	709	0.
1		0250	35	58.	1		2135	260	879.	2		1620	485	0.	3		1105	710	0.
1		0255	36	63.	1		2140	261	855.	2		1625	486	0.	3		1110	711	0.
1		0300	37	68.	1		2145	262	832.	2		1630	487	0.	3		1115	712	0.
1		0305	38	72.	1		2150	263	810.	2		1635	488	0.	3		1120	713	0.
1		0310	39	77.	1		2155	264	790.	2		1640	489	0.	3		1125	714	0.
1		0315	40	82.	1		2200	265	770.	2		1645	490	0.	3		1130	715	0.
1		0320	41	87.	1		2205	266	751.	2		1650	491	0.	3		1135	716	0.
1		0325	42	91.	1		2210	267	734.	2		1655	492	0.	3		1140	717	0.
1		0330	43	96.	1		2215	268	717.	2		1700	493	0.	3		1145	718	0.
1		0335	44	100.	1		2220	269	701.	2		1705	494	0.	3		1150	719	0.
1		0340	45	105.	1		2225	270	686.	2		1710	495	0.	3		1155	720	0.
1		0345	46	109.	1		2230	271	672.	2		1715	496	0.	3		1200	721	0.
1		0350	47	113.	1		2235	272	658.	2		1720	497	0.	3		1205	722	0.
1		0355	48	117.	1		2240	273	645.	2		1725	498	0.	3		1210	723	0.
1		0400	49	122.	1		2245	274	632.	2		1730	499	0.	3		1215	724	0.
1		0405	50	126.	1		2250	275	619.	2		1735	500	0.	3		1220	725	0.
1		0410	51	130.	1		2255	276	607.	2		1740	501	0.	3		1225	726	0.
1		0415	52	134.	1		2300	277	595.	2		1745	502	0.	3		1230	727	0.
1		0420	53	139.	1		2305	278	583.	2		1750	503	0.	3		1235	728	0.
1		0425	54	143.	1		2310	279	572.	2		1755	504	0.	3		1240	729	0.
1		0430	55	147.	1		2315	280	561.	2		1800	505	0.	3		1245	730	0.
1		0435	56	151.	1		2320	281	551.	2		1805	506	0.	3		1250	731	0.
1		0440	57	156.	1		2325	282	540.	2		1810	507	0.	3		1255	732	0.
1		0445	58	160.	1		2330	283	530.	2		1815	508	0.	3		1300	733	0.
1		0450	59	164.	1		2335	284	520.	2		1820	509	0.	3		1305	734	0.
1		0455	60	168.	1		2340	285	510.	2		1825	510	0.	3		1310	735	0.
1		0500	61	172.	1		2345	286	501.	2		1830	511	0.	3		1315	736	0.
1		0505	62	176.	1		2350	287	492.	2		1835	512	0.	3		1320	737	0.
1		0510	63	181.	1		2355	288	483.	2		1840	513	0.	3		1325	738	0.
1		0515	64	185.	2		0000	289	474.	2		1845	514	0.	3		1330	739	0.
1		0520	65	189.	2		0005	290	465.	2		1850	515	0.	3		1335	740	0.
1		0525	66	194.	2		0010	291	457.	2		1855	516	0.	3		1340	741	0.
1		0530	67	199.	2		0015	292	448.	2		1900	517	0.	3		1345	742	0.
1		0535	68	203.	2		0020	293	440.	2		1905	518	0.	3		1350	743	0.
1		0540	69	208.	2		0025	294	432.	2		1910	519	0.	3		1355	744	0.
1		0545	70	212.	2		0030	295	423.	2		1915	520	0.	3		1400	745	0.

1	0550	71	217.	*	2	0035	296	415.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	221.	*	2	0040	297	406.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	226.	*	2	0045	298	398.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	230.	*	2	0050	299	389.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	235.	*	2	0055	300	380.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	239.	*	2	0100	301	371.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	244.	*	2	0105	302	362.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	248.	*	2	0110	303	353.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	253.	*	2	0115	304	344.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	257.	*	2	0120	305	334.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	261.	*	2	0125	306	325.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	266.	*	2	0130	307	315.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	270.	*	2	0135	308	305.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	275.	*	2	0140	309	295.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	280.	*	2	0145	310	285.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	284.	*	2	0150	311	274.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	289.	*	2	0155	312	264.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	294.	*	2	0200	313	254.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	299.	*	2	0205	314	244.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	304.	*	2	0210	315	234.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	310.	*	2	0215	316	224.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	316.	*	2	0220	317	214.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	322.	*	2	0225	318	205.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	328.	*	2	0230	319	196.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	334.	*	2	0235	320	187.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	340.	*	2	0240	321	178.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	347.	*	2	0245	322	170.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	354.	*	2	0250	323	163.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	361.	*	2	0255	324	155.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	368.	*	2	0300	325	148.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	376.	*	2	0305	326	141.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	383.	*	2	0310	327	135.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	391.	*	2	0315	328	128.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	399.	*	2	0320	329	122.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	408.	*	2	0325	330	117.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	416.	*	2	0330	331	111.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	425.	*	2	0335	332	106.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	433.	*	2	0340	333	101.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	442.	*	2	0345	334	96.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	451.	*	2	0350	335	91.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	460.	*	2	0355	336	86.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	470.	*	2	0400	337	82.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	479.	*	2	0405	338	78.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	489.	*	2	0410	339	73.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	499.	*	2	0415	340	69.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	509.	*	2	0420	341	65.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	519.	*	2	0425	342	62.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	530.	*	2	0430	343	58.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	540.	*	2	0435	344	54.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	551.	*	2	0440	345	51.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	562.	*	2	0445	346	48.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	573.	*	2	0450	347	45.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	585.	*	2	0455	348	42.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	596.	*	2	0500	349	39.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	608.	*	2	0505	350	36.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	621.	*	2	0510	351	34.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	633.	*	2	0515	352	31.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	646.	*	2	0520	353	29.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	660.	*	2	0525	354	27.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	675.	*	2	0530	355	25.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	690.	*	2	0535	356	23.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	707.	*	2	0540	357	22.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	724.	*	2	0545	358	20.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	744.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	770.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	804.	*	2	0600	361	15.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	847.	*	2	0605	362	14.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	895.	*	2	0610	363	13.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	948.	*	2	0615	364	12.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1053.	*	2	0620	365	10.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1257.	*	2	0625	366	9.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1641.	*	2	0630	367	8.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2206.	*	2	0635	368	7.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2948.	*	2	0640	369	6.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3848.	*	2	0645	370	5.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4860.	*	2	0650	371	4.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6047.	*	2	0655	372	2.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7702.	*	2	0700	373	1.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	10154.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	14140.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	18696.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24538.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	29910.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33995.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	36911.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	40461.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	43973.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	46223.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	45894.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	46770.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	46637.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	46698.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	46341.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	45896.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	45249.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	44504.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	43626.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	42658.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	41916.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41462.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	40658.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	39571.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	38337.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	37122.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	35965.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	35016.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.

1	1440	177	33644.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	31809.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	30124.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	28590.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	27142.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	25758.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	24427.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	23154.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	21960.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	20873.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	19866.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	18989.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	18069.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	17114.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	16274.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	15638.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	15037.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	14372.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	13625.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	12871.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	12220.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	11652.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	11116.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	10587.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	10075.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	9584.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	9116.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8668.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	8253.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7900.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7603.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	7293.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6983.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6679.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	6385.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	6103.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5834.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5578.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	5332.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	5094.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4864.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4645.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4447.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4277.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4130.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3999.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3882.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3760.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3633.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	74.92-HR
+ 46770.	13.25	(CFS)	23307.	6433.	2148.	2064.
		(INCHES)	1.742	1.923	1.926	1.926
		(AC-FT)	11557.	12759.	12779.	12779.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	3493.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	3355.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	3215.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	3075.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	2936.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	1.	*	1		1910	231	2799.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	1.	*	1		1915	232	2666.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	1.	*	1		1920	233	2538.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	1.	*	1		1925	234	2415.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	2.	*	1		1930	235	2299.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	2.	*	1		1935	236	2188.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	2.	*	1		1940	237	2083.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	1984.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	2.	*	1		1950	239	1892.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	3.	*	1		1955	240	1805.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	4.	*	1		2000	241	1724.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	6.	*	1		2005	242	1648.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	8.	*	1		2010	243	1577.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	9.	*	1		2015	244	1512.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	11.	*	1		2020	245	1450.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	12.	*	1		2025	246	1393.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	13.	*	1		2030	247	1340.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	14.	*	1		2035	248	1290.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	16.	*	1		2040	249	1243.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	18.	*	1		2045	250	1199.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	20.	*	1		2050	251	1158.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	23.	*	1		2055	252	1119.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	27.	*	1		2100	253	1083.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	31.	*	1		2105	254	1048.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	35.	*	1		2110	255	1016.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	39.	*	1		2115	256	985.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	44.	*	1		2120	257	956.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	48.	*	1		2125	258	928.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	53.	*	1		2130	259	902.	*	2		1615	484	0.	*	3		1100	709	0.

1	0250	35	58.	*	1	2135	260	877.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	63.	*	1	2140	261	853.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	67.	*	1	2145	262	830.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	72.	*	1	2150	263	809.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	77.	*	1	2155	264	788.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	82.	*	1	2200	265	768.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	86.	*	1	2205	266	750.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	91.	*	1	2210	267	732.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	95.	*	1	2215	268	715.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	100.	*	1	2220	269	700.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	104.	*	1	2225	270	685.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	109.	*	1	2230	271	671.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	113.	*	1	2235	272	657.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	117.	*	1	2240	273	643.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	121.	*	1	2245	274	630.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	126.	*	1	2250	275	618.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	130.	*	1	2255	276	605.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	134.	*	1	2300	277	594.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	138.	*	1	2305	278	582.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	143.	*	1	2310	279	571.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	147.	*	1	2315	280	560.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	151.	*	1	2320	281	550.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	155.	*	1	2325	282	539.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	159.	*	1	2330	283	529.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	163.	*	1	2335	284	519.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	167.	*	1	2340	285	509.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	172.	*	1	2345	286	500.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	176.	*	1	2350	287	491.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	180.	*	1	2355	288	482.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	184.	*	2	0000	289	473.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	189.	*	2	0005	290	464.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	193.	*	2	0010	291	456.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	198.	*	2	0015	292	447.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	202.	*	2	0020	293	439.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	207.	*	2	0025	294	431.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	212.	*	2	0030	295	422.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	216.	*	2	0035	296	414.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	221.	*	2	0040	297	405.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	225.	*	2	0045	298	397.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	230.	*	2	0050	299	388.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	234.	*	2	0055	300	379.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	239.	*	2	0100	301	371.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	243.	*	2	0105	302	362.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	247.	*	2	0110	303	352.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	252.	*	2	0115	304	343.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	256.	*	2	0120	305	334.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	261.	*	2	0125	306	324.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	265.	*	2	0130	307	314.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	270.	*	2	0135	308	304.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	274.	*	2	0140	309	294.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	279.	*	2	0145	310	284.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	283.	*	2	0150	311	274.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	288.	*	2	0155	312	264.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	293.	*	2	0200	313	253.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	298.	*	2	0205	314	243.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	304.	*	2	0210	315	233.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	309.	*	2	0215	316	224.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	315.	*	2	0220	317	214.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	321.	*	2	0225	318	205.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	327.	*	2	0230	319	195.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	333.	*	2	0235	320	187.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	339.	*	2	0240	321	178.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	346.	*	2	0245	322	170.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	353.	*	2	0250	323	162.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	360.	*	2	0255	324	155.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	367.	*	2	0300	325	148.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	375.	*	2	0305	326	141.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	382.	*	2	0310	327	134.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	390.	*	2	0315	328	128.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	398.	*	2	0320	329	122.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	407.	*	2	0325	330	116.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	415.	*	2	0330	331	111.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	424.	*	2	0335	332	105.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	432.	*	2	0340	333	100.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	441.	*	2	0345	334	95.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	450.	*	2	0350	335	91.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	459.	*	2	0355	336	86.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	468.	*	2	0400	337	82.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	478.	*	2	0405	338	77.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	488.	*	2	0410	339	73.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	497.	*	2	0415	340	69.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	507.	*	2	0420	341	65.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	518.	*	2	0425	342	61.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	528.	*	2	0430	343	58.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	539.	*	2	0435	344	54.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	550.	*	2	0440	345	51.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	561.	*	2	0445	346	47.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	572.	*	2	0450	347	44.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	583.	*	2	0455	348	41.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	595.	*	2	0500	349	39.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	607.	*	2	0505	350	36.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	619.	*	2	0510	351	34.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	632.	*	2	0515	352	31.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	645.	*	2	0520	353	29.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	659.	*	2	0525	354	27.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	673.	*	2	0530	355	25.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	689.	*	2	0535	356	23.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	705.	*	2	0540	357	22.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	722.	*	2	0545	358	20.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	742.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	768.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	802.	*	2	0600	361	15.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	844.	*	2	0605	362	14.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	893.	*	2	0610	363	13.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	945.	*	2	0615	364	11.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1050.	*	2	0620	365	10.	*	3	0105	590	0.	*	3	1950	815	0.

1	1140	141	1253.	*	2	0625	366	9.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1636.	*	2	0630	367	8.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2199.	*	2	0635	368	7.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2939.	*	2	0640	369	6.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3837.	*	2	0645	370	5.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4846.	*	2	0650	371	3.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6029.	*	2	0655	372	2.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7673.	*	2	0700	373	1.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	10105.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	14078.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	18613.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24439.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	29808.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33890.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	36786.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	40281.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	43646.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	46165.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	45678.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	46635.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	46463.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	46539.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	46173.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	45735.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	45089.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	44345.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	43470.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	42510.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	41868.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41381.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	40545.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	39441.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	38216.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	37017.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	35893.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	34932.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	33528.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	31710.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	30041.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	28517.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	27077.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	25697.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	24371.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	23102.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	21914.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	20831.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	19830.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	18952.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	18032.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	17077.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	16242.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	15616.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	15013.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	14346.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	13593.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	12844.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	12195.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	11631.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	11095.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	10567.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	10055.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	9565.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	9098.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8651.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	8237.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7888.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7590.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	7280.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6970.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6666.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	6373.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	6091.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5823.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5567.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	5321.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	5083.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4854.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4636.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4439.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4270.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4124.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3994.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3877.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3755.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3626.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 46635.	13.25		23238.	6414.	2141.	2058.
		(INCHES)	1.737	1.918	1.921	1.921
		(AC-FT)	11523.	12723.	12742.	12742.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	3296.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	3155.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	3014.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	2876.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	2740.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	1.	*	1		1910	231	2609.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	1.	*	1		1915	232	2482.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	1.	*	1		1920	233	2362.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	1.	*	1		1925	234	2247.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	1.	*	1		1930	235	2138.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	2.	*	1		1935	236	2036.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	2.	*	1		1940	237	1939.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	1849.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	2.	*	1		1950	239	1764.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	2.	*	1		1955	240	1684.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	4.	*	1		2000	241	1610.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	5.	*	1		2005	242	1540.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	7.	*	1		2010	243	1475.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	8.	*	1		2015	244	1415.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	9.	*	1		2020	245	1359.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	11.	*	1		2025	246	1306.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	12.	*	1		2030	247	1256.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	13.	*	1		2035	248	1210.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	14.	*	1		2040	249	1167.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	15.	*	1		2045	250	1126.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	17.	*	1		2050	251	1087.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	20.	*	1		2055	252	1051.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	23.	*	1		2100	253	1017.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	26.	*	1		2105	254	984.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	30.	*	1		2110	255	953.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	34.	*	1		2115	256	924.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	38.	*	1		2120	257	897.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	42.	*	1		2125	258	871.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	46.	*	1		2130	259	846.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	51.	*	1		2135	260	823.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	55.	*	1		2140	261	800.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	59.	*	1		2145	262	779.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	64.	*	1		2150	263	759.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	68.	*	1		2155	264	740.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	73.	*	1		2200	265	722.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	77.	*	1		2205	266	705.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	81.	*	1		2210	267	689.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	85.	*	1		2215	268	673.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	89.	*	1		2220	269	659.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	93.	*	1		2225	270	645.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	97.	*	1		2230	271	631.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	101.	*	1		2235	272	619.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	105.	*	1		2240	273	606.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	109.	*	1		2245	274	594.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	113.	*	1		2250	275	582.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	117.	*	1		2255	276	570.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	121.	*	1		2300	277	559.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	125.	*	1		2305	278	548.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	129.	*	1		2310	279	537.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	133.	*	1		2315	280	527.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	137.	*	1		2320	281	517.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	140.	*	1		2325	282	507.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	144.	*	1		2330	283	497.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	148.	*	1		2335	284	488.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	152.	*	1		2340	285	478.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	156.	*	1		2345	286	469.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	159.	*	1		2350	287	460.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	163.	*	1		2355	288	452.	*	2		1840	513	0.	*	3		1325	738	0.
1		0515	64	167.	*	2		0000	289	444.	*	2		1845	514	0.	*	3		1330	739	0.
1		0520	65	171.	*	2		0005	290	435.	*	2		1850	515	0.	*	3		1335	740	0.
1		0525	66	175.	*	2		0010	291	427.	*	2		1855	516	0.	*	3		1340	741	0.
1		0530	67	179.	*	2		0015	292	419.	*	2		1900	517	0.	*	3		1345	742	0.
1		0535	68	182.	*	2		0020	293	411.	*	2		1905	518	0.	*	3		1350	743	0.
1		0540	69	187.	*	2		0025	294	403.	*	2		1910	519	0.	*	3		1355	744	0.
1		0545	70	191.	*	2		0030	295	396.	*	2		1915	520	0.	*	3		1400	745	0.
1		0550	71	195.	*	2		0035	296	388.	*	2		1920	521	0.	*	3		1405	746	0.
1		0555	72	199.	*	2		0040	297	380.	*	2		1925	522	0.	*	3		1410	747	0.
1		0600	73	203.	*	2		0045	298	372.	*	2		1930	523	0.	*	3		1415	748	0.
1		0605	74	207.	*	2		0050	299	364.	*	2		1935	524	0.	*	3		1420	749	0.
1		0610	75	212.	*	2		0055	300	356.	*	2		1940	525	0.	*	3		1425	750	0.
1		0615	76	216.	*	2		0100	301	347.	*	2		1945	526	0.	*	3		1430	751	0.
1		0620	77	220.	*	2		0105	302	339.	*	2		1950	527	0.	*	3		1435	752	0.
1		0625	78	224.	*	2		0110	303	330.	*	2		1955	528	0.	*	3		1440	753	0.
1		0630	79	229.	*	2		0115	304	322.	*	2		2000	529	0.	*	3		1445	754	0.
1		0635	80	233.	*	2		0120	305	313.	*	2		2005	530	0.	*	3		1450	755	0.
1		0640	81	237.	*	2		0125	306	303.	*	2		2010	531	0.	*	3		1455	756	0.
1		0645	82	242.	*	2		0130	307	294.	*	2		2015	532	0.	*	3		1500	757	0.
1		0650	83	246.	*	2		0135	308	285.	*	2		2020	533	0.	*	3		1505	758	0.
1		0655	84	250.	*	2		0140	309	275.	*	2		2025	534	0.	*	3		1510	759	0.
1		0700	85	255.	*	2		0145	310	265.	*	2		2030	535	0.	*	3		1515	760	0.
1		0705	86	259.	*	2		0150	311	256.	*	2		2035	536	0.	*	3		1520	761	0.
1		0710	87	264.	*	2		0155	312	246.	*	2		2040	537	0.	*	3		1525	762	0.
1		0715	88	268.	*	2		0200	313	236.	*	2		2045	538	0.	*	3		1530	763	0.
1		0720	89	273.	*	2		0205	314	227.	*	2		2050	539	0.	*	3		1535	764	0.
1		0725	90	278.	*	2		0210	315	217.	*	2		2055	540	0.	*	3		1540	765	0.
1		0730	91	283.	*	2		0215	316	208.	*	2		2100	541	0.	*	3		1545	766	0.
1		0735	92	288.	*	2		0220	317	199.	*	2		2105	542	0.	*	3		1550	767	0.
1		0740	93	293.	*	2		0225	318	190.	*	2		2110	543	0.	*	3		1555	768	0.
1		0745	94	299.	*	2		0230	319	181.	*	2		2115	544	0.	*	3		1600	769	0.
1		0750	95	305.	*	2		0235	320	173.	*	2		2120	545	0.	*	3		1605	770	0.
1		0755	96	310.	*	2		0240	321	165.	*	2		2125	546	0.	*	3		1610	771	0.
1		0800	97	316.	*	2		0245	322	157.	*	2		2130	547	0.	*	3		1615	772	0.
1		0805	98	323.	*	2		0250	323	150.	*	2		2135	548	0.	*	3		1620	773	0.
1		0810	99	329.	*	2		0255	324	143.	*	2		2140	549	0.	*	3		1625	774	0.
1		0815	100	336.	*	2		0300	325	136.	*	2		2145	550	0.	*	3		1630	775	0.
1		0820	101	343.	*	2		0305	326	130.	*	2		2150	551	0.	*	3		1635	776	0.
1		0825	102	350.	*	2		0310	327	123.	*	2		2155	552	0.	*	3		1640	777	0.
1		0830	103	358.	*	2		0315	328	118.	*	2		2200	553	0.	*	3		1645	778	0.
1		0835	104	365.	*	2		0320	329	112.	*	2		2205	554	0.	*	3		1650	779	0.

1	0840	105	373.	*	2	0325	330	106.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	381.	*	2	0330	331	101.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	389.	*	2	0335	332	96.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	397.	*	2	0340	333	91.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	406.	*	2	0345	334	86.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	414.	*	2	0350	335	82.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	423.	*	2	0355	336	77.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	431.	*	2	0400	337	73.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	440.	*	2	0405	338	69.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	450.	*	2	0410	339	65.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	459.	*	2	0415	340	61.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	468.	*	2	0420	341	57.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	478.	*	2	0425	342	54.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	488.	*	2	0430	343	50.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	498.	*	2	0435	344	47.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	508.	*	2	0440	345	44.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	518.	*	2	0445	346	41.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	529.	*	2	0450	347	38.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	540.	*	2	0455	348	36.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	551.	*	2	0500	349	33.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	562.	*	2	0505	350	31.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	574.	*	2	0510	351	29.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	586.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	599.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	612.	*	2	0525	354	23.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	625.	*	2	0530	355	21.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	640.	*	2	0535	356	20.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	655.	*	2	0540	357	18.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	671.	*	2	0545	358	17.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	690.	*	2	0550	359	15.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	712.	*	2	0555	360	14.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	742.	*	2	0600	361	13.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	777.	*	2	0605	362	11.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	817.	*	2	0610	363	10.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	859.	*	2	0615	364	9.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	950.	*	2	0620	365	8.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1133.	*	2	0625	366	7.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1484.	*	2	0630	367	6.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2004.	*	2	0635	368	5.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2690.	*	2	0640	369	3.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3524.	*	2	0645	370	2.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4453.	*	2	0650	371	1.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5521.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	6911.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	8979.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	12297.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	16392.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	21438.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	26779.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	30952.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	34017.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	36041.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	38309.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	39831.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	40680.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	41199.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	41517.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	41643.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	41595.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	41391.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	41045.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	40571.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	39961.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39216.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	38421.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	37620.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	36792.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	35959.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	35271.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	34325.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	32989.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	31585.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	30237.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	28945.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	27672.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26404.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	25145.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23914.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22730.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21615.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	20576.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	19630.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	18752.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17834.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16894.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	16084.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	15506.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	14889.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	14213.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	13437.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	12710.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	12076.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11527.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10993.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10468.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9960.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9471.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	9004.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8555.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8144.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7813.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7506.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7192.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6879.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6576.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6284.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.

1	1730	211	6005.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5738.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5484.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5241.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	5005.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4778.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4565.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4377.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4215.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4075.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3949.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3829.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3703.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3572.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3436.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+ 41643.	13.42	(CFS)	21252.	5877.	1962.	1886.
		(INCHES)	1.589	1.757	1.760	1.760
		(AC-FT)	10538.	11658.	11674.	11674.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3186.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3045.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2905.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	2768.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	2635.	2		1350	455	0.	3		0835	680	0.
1		0025	6	1.	1		1910	231	2508.	2		1355	456	0.	3		0840	681	0.
1		0030	7	1.	1		1915	232	2385.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	2269.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	2159.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	2055.	2		1415	460	0.	3		0900	685	0.
1		0050	11	2.	1		1935	236	1957.	2		1420	461	0.	3		0905	686	0.
1		0055	12	2.	1		1940	237	1865.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	1778.	2		1430	463	0.	3		0915	688	0.
1		0105	14	2.	1		1950	239	1697.	2		1435	464	0.	3		0920	689	0.
1		0110	15	2.	1		1955	240	1622.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	1551.	2		1445	466	0.	3		0930	691	0.
1		0120	17	5.	1		2005	242	1484.	2		1450	467	0.	3		0935	692	0.
1		0125	18	6.	1		2010	243	1422.	2		1455	468	0.	3		0940	693	0.
1		0130	19	7.	1		2015	244	1365.	2		1500	469	0.	3		0945	694	0.
1		0135	20	9.	1		2020	245	1311.	2		1505	470	0.	3		0950	695	0.
1		0140	21	10.	1		2025	246	1260.	2		1510	471	0.	3		0955	696	0.
1		0145	22	11.	1		2030	247	1213.	2		1515	472	0.	3		1000	697	0.
1		0150	23	12.	1		2035	248	1169.	2		1520	473	0.	3		1005	698	0.
1		0155	24	13.	1		2040	249	1127.	2		1525	474	0.	3		1010	699	0.
1		0200	25	14.	1		2045	250	1088.	2		1530	475	0.	3		1015	700	0.
1		0205	26	16.	1		2050	251	1050.	2		1535	476	0.	3		1020	701	0.
1		0210	27	18.	1		2055	252	1015.	2		1540	477	0.	3		1025	702	0.
1		0215	28	21.	1		2100	253	982.	2		1545	478	0.	3		1030	703	0.
1		0220	29	24.	1		2105	254	950.	2		1550	479	0.	3		1035	704	0.
1		0225	30	27.	1		2110	255	921.	2		1555	480	0.	3		1040	705	0.
1		0230	31	31.	1		2115	256	893.	2		1600	481	0.	3		1045	706	0.
1		0235	32	35.	1		2120	257	866.	2		1605	482	0.	3		1050	707	0.
1		0240	33	39.	1		2125	258	841.	2		1610	483	0.	3		1055	708	0.
1		0245	34	43.	1		2130	259	817.	2		1615	484	0.	3		1100	709	0.
1		0250	35	47.	1		2135	260	794.	2		1620	485	0.	3		1105	710	0.
1		0255	36	51.	1		2140	261	773.	2		1625	486	0.	3		1110	711	0.
1		0300	37	55.	1		2145	262	753.	2		1630	487	0.	3		1115	712	0.
1		0305	38	60.	1		2150	263	734.	2		1635	488	0.	3		1120	713	0.
1		0310	39	64.	1		2155	264	715.	2		1640	489	0.	3		1125	714	0.
1		0315	40	68.	1		2200	265	698.	2		1645	490	0.	3		1130	715	0.
1		0320	41	72.	1		2205	266	682.	2		1650	491	0.	3		1135	716	0.
1		0325	42	76.	1		2210	267	666.	2		1655	492	0.	3		1140	717	0.
1		0330	43	80.	1		2215	268	651.	2		1700	493	0.	3		1145	718	0.
1		0335	44	84.	1		2220	269	637.	2		1705	494	0.	3		1150	719	0.
1		0340	45	88.	1		2225	270	624.	2		1710	495	0.	3		1155	720	0.
1		0345	46	92.	1		2230	271	611.	2		1715	496	0.	3		1200	721	0.
1		0350	47	95.	1		2235	272	599.	2		1720	497	0.	3		1205	722	0.
1		0355	48	99.	1		2240	273	586.	2		1725	498	0.	3		1210	723	0.
1		0400	49	103.	1		2245	274	574.	2		1730	499	0.	3		1215	724	0.
1		0405	50	106.	1		2250	275	563.	2		1735	500	0.	3		1220	725	0.
1		0410	51	110.	1		2255	276	552.	2		1740	501	0.	3		1225	726	0.
1		0415	52	114.	1		2300	277	541.	2		1745	502	0.	3		1230	727	0.
1		0420	53	118.	1		2305	278	530.	2		1750	503	0.	3		1235	728	0.
1		0425	54	121.	1		2310	279	519.	2		1755	504	0.	3		1240	729	0.
1		0430	55	125.	1		2315	280	509.	2		1800	505	0.	3		1245	730	0.
1		0435	56	129.	1		2320	281	499.	2		1805	506	0.	3		1250	731	0.
1		0440	57	133.	1		2325	282	490.	2		1810	507	0.	3		1255	732	0.
1		0445	58	137.	1		2330	283	480.	2		1815	508	0.	3		1300	733	0.
1		0450	59	140.	1		2335	284	471.	2		1820	509	0.	3		1305	734	0.
1		0455	60	144.	1		2340	285	462.	2		1825	510	0.	3		1310	735	0.
1		0500	61	148.	1		2345	286	453.	2		1830	511	0.	3		1315	736	0.
1		0505	62	151.	1		2350	287	445.	2		1835	512	0.	3		1320	737	0.
1		0510	63	155.	1		2355	288	436.	2		1840	513	0.	3		1325	738	0.
1		0515	64	158.	2		0000	289	428.	2		1845	514	0.	3		1330	739	0.
1		0520	65	162.	2		0005	290	420.	2		1850	515	0.	3		1335	740	0.
1		0525	66	166.	2		0010	291	412.	2		1855	516	0.	3		1340	741	0.
1		0530	67	169.	2		0015	292	405.	2		1900	517	0.	3		1345	742	0.
1		0535	68	173.	2		0020	293	397.	2		1905	518	0.	3		1350	743	0.

1	0540	69	176.	*	2	0025	294	389.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	180.	*	2	0030	295	382.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	184.	*	2	0035	296	374.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	188.	*	2	0040	297	367.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	192.	*	2	0045	298	359.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	196.	*	2	0050	299	351.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	200.	*	2	0055	300	343.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	204.	*	2	0100	301	335.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	208.	*	2	0105	302	327.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	212.	*	2	0110	303	319.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	216.	*	2	0115	304	310.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	221.	*	2	0120	305	302.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	225.	*	2	0125	306	293.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	229.	*	2	0130	307	284.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	233.	*	2	0135	308	274.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	238.	*	2	0140	309	265.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	242.	*	2	0145	310	256.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	246.	*	2	0150	311	246.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	251.	*	2	0155	312	237.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	255.	*	2	0200	313	227.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	260.	*	2	0205	314	218.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	265.	*	2	0210	315	209.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	269.	*	2	0215	316	200.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	274.	*	2	0220	317	191.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	279.	*	2	0225	318	182.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	285.	*	2	0230	319	174.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	290.	*	2	0235	320	166.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	296.	*	2	0240	321	158.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	301.	*	2	0245	322	151.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	307.	*	2	0250	323	144.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	314.	*	2	0255	324	137.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	320.	*	2	0300	325	130.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	327.	*	2	0305	326	124.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	334.	*	2	0310	327	118.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	341.	*	2	0315	328	112.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	348.	*	2	0320	329	106.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	356.	*	2	0325	330	101.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	364.	*	2	0330	331	96.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	371.	*	2	0335	332	91.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	379.	*	2	0340	333	86.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	387.	*	2	0345	334	81.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	396.	*	2	0350	335	77.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	404.	*	2	0355	336	73.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	412.	*	2	0400	337	69.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	421.	*	2	0405	338	65.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	430.	*	2	0410	339	61.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	439.	*	2	0415	340	57.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	448.	*	2	0420	341	53.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	457.	*	2	0425	342	50.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	467.	*	2	0430	343	47.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	476.	*	2	0435	344	44.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	486.	*	2	0440	345	41.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	496.	*	2	0445	346	38.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	506.	*	2	0450	347	35.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	517.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	528.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	539.	*	2	0505	350	28.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	550.	*	2	0510	351	26.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	562.	*	2	0515	352	25.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	574.	*	2	0520	353	23.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	587.	*	2	0525	354	21.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	600.	*	2	0530	355	19.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	615.	*	2	0535	356	18.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	629.	*	2	0540	357	16.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	645.	*	2	0545	358	15.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	663.	*	2	0550	359	14.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	684.	*	2	0555	360	12.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	711.	*	2	0600	361	11.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	743.	*	2	0605	362	10.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	779.	*	2	0610	363	9.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	817.	*	2	0615	364	8.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	903.	*	2	0620	365	7.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1077.	*	2	0625	366	5.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1413.	*	2	0630	367	4.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1913.	*	2	0635	368	3.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2572.	*	2	0640	369	2.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3373.	*	2	0645	370	1.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4264.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5280.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	6568.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	8477.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	11490.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	15469.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	19932.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	25080.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	29302.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	32473.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	34621.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	36035.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	37619.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	38519.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	38940.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	39139.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	39194.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	39133.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	38952.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	38651.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	38247.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	37751.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	37163.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36483.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	35830.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	35224.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	34427.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	33357.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	32179.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.

1	1430	175	31044.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	29924.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	28801.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	27662.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	26503.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	25324.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	24145.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	22992.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	21893.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	20865.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	19893.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	19041.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	18140.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17199.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16349.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15690.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	15097.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	14440.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13708.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12945.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	12286.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11710.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11174.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10647.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10134.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9639.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9164.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8707.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8280.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7910.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7604.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7287.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6970.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6662.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6365.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6081.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5809.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5551.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5304.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5065.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4835.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4618.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4422.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4253.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4108.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3978.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3859.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3734.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3603.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3467.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3327.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 39194.	13.42		20245.	5605.	1871.	1798.
		(INCHES)	1.513	1.676	1.678	1.678
		(AC-FT)	10039.	11117.	11133.	11133.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2982.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2843.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2707.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	2575.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	2449.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	1.	*	1		1910	231	2329.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	1.	*	1		1915	232	2215.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	1.	*	1		1920	233	2107.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	1.	*	1		1925	234	2005.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	1.	*	1		1930	235	1910.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	1.	*	1		1935	236	1820.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	2.	*	1		1940	237	1736.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	1656.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	2.	*	1		1950	239	1582.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	2.	*	1		1955	240	1513.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	2.	*	1		2000	241	1448.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	4.	*	1		2005	242	1387.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	5.	*	1		2010	243	1330.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	6.	*	1		2015	244	1277.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	7.	*	1		2020	245	1227.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	9.	*	1		2025	246	1181.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	10.	*	1		2030	247	1137.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	11.	*	1		2035	248	1095.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	12.	*	1		2040	249	1056.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	13.	*	1		2045	250	1020.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	14.	*	1		2050	251	985.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	15.	*	1		2055	252	952.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	17.	*	1		2100	253	920.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	20.	*	1		2105	254	891.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	23.	*	1		2110	255	863.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	26.	*	1		2115	256	837.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	29.	*	1		2120	257	812.	*	2		1605	482	0.	*	3		1050	707	0.

1	0240	33	33.	*	1	2125	258	788.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	36.	*	1	2130	259	766.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	40.	*	1	2135	260	745.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	44.	*	1	2140	261	726.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	48.	*	1	2145	262	707.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	52.	*	1	2150	263	689.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	56.	*	1	2155	264	672.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	60.	*	1	2200	265	656.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	63.	*	1	2205	266	641.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	67.	*	1	2210	267	626.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	71.	*	1	2215	268	613.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	74.	*	1	2220	269	599.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	78.	*	1	2225	270	587.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	81.	*	1	2230	271	575.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	85.	*	1	2235	272	563.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	88.	*	1	2240	273	551.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	91.	*	1	2245	274	540.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	95.	*	1	2250	275	529.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	98.	*	1	2255	276	518.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	102.	*	1	2300	277	507.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	105.	*	1	2305	278	497.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	109.	*	1	2310	279	487.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	112.	*	1	2315	280	477.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	116.	*	1	2320	281	468.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	119.	*	1	2325	282	459.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	123.	*	1	2330	283	450.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	126.	*	1	2335	284	441.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	130.	*	1	2340	285	432.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	133.	*	1	2345	286	424.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	137.	*	1	2350	287	416.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	140.	*	1	2355	288	408.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	143.	*	2	0000	289	400.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	147.	*	2	0005	290	393.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	150.	*	2	0010	291	386.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	153.	*	2	0015	292	379.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	156.	*	2	0020	293	371.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	160.	*	2	0025	294	364.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	163.	*	2	0030	295	357.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	166.	*	2	0035	296	350.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	169.	*	2	0040	297	343.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	172.	*	2	0045	298	336.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	176.	*	2	0050	299	329.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	179.	*	2	0055	300	322.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	183.	*	2	0100	301	314.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	186.	*	2	0105	302	306.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	190.	*	2	0110	303	298.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	194.	*	2	0115	304	290.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	198.	*	2	0120	305	282.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	202.	*	2	0125	306	273.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	206.	*	2	0130	307	265.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	210.	*	2	0135	308	256.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	215.	*	2	0140	309	247.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	219.	*	2	0145	310	238.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	223.	*	2	0150	311	229.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	227.	*	2	0155	312	220.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	232.	*	2	0200	313	211.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	236.	*	2	0205	314	202.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	241.	*	2	0210	315	193.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	245.	*	2	0215	316	184.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	250.	*	2	0220	317	176.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	254.	*	2	0225	318	168.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	259.	*	2	0230	319	160.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	264.	*	2	0235	320	153.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	269.	*	2	0240	321	146.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	275.	*	2	0245	322	139.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	280.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	286.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	292.	*	2	0300	325	119.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	298.	*	2	0305	326	113.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	304.	*	2	0310	327	107.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	311.	*	2	0315	328	102.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	318.	*	2	0320	329	96.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	325.	*	2	0325	330	91.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	332.	*	2	0330	331	86.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	339.	*	2	0335	332	82.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	347.	*	2	0340	333	77.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	354.	*	2	0345	334	73.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	362.	*	2	0350	335	68.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	370.	*	2	0355	336	64.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	378.	*	2	0400	337	60.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	386.	*	2	0405	338	57.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	395.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	403.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	412.	*	2	0420	341	46.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	421.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	430.	*	2	0430	343	40.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	439.	*	2	0435	344	38.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	448.	*	2	0440	345	35.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	457.	*	2	0445	346	33.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	467.	*	2	0450	347	30.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	477.	*	2	0455	348	28.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	487.	*	2	0500	349	26.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	497.	*	2	0505	350	24.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	508.	*	2	0510	351	22.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	519.	*	2	0515	352	21.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	531.	*	2	0520	353	19.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	543.	*	2	0525	354	18.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	555.	*	2	0530	355	16.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	569.	*	2	0535	356	15.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	583.	*	2	0540	357	13.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	597.	*	2	0545	358	12.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	614.	*	2	0550	359	11.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	632.	*	2	0555	360	10.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	655.	*	2	0600	361	9.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	681.	*	2	0605	362	8.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	711.	*	2	0610	363	6.	*	3	0055	588	0.	*	3	1940	813	0.

1	1130	139	743.	*	2	0615	364	5.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	820.	*	2	0620	365	4.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	981.	*	2	0625	366	3.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1295.	*	2	0630	367	2.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1761.	*	2	0635	368	1.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2375.	*	2	0640	369	0.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3120.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	3945.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	4871.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	5979.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	7610.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	10068.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	13695.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	17490.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	22152.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	26353.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	29450.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	31712.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	33239.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	34185.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	34624.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	34920.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35097.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35156.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	35112.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34974.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	34744.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	34432.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	34001.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	33335.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	32685.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	32008.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	31275.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	30528.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	29765.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	28984.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	28168.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	27302.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	26383.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25416.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24408.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23380.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22363.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21389.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20447.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19579.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18742.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17859.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16945.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16144.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15554.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14947.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14279.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13521.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12786.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12148.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11592.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11057.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10533.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10025.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9536.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9064.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8609.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8187.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7837.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7523.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7200.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6880.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6570.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6273.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5990.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5721.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5465.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5219.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4982.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4754.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4543.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4357.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4196.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4056.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3931.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3810.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3682.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3547.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3409.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3267.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3124.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 35156.	13.42		18477.	5126.	1711.	1644.
		(INCHES)	1.381	1.533	1.535	1.535
		(AC-FT)	9162.	10167.	10180.	10180.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 130.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2901.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2763.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2629.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	2500.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	2377.	2		1350	455	0.	3		0835	680	0.
1		0025	6	1.	1		1910	231	2260.	2		1355	456	0.	3		0840	681	0.
1		0030	7	1.	1		1915	232	2150.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	2045.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	1947.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	1855.	2		1415	460	0.	3		0900	685	0.
1		0050	11	1.	1		1935	236	1768.	2		1420	461	0.	3		0905	686	0.
1		0055	12	1.	1		1940	237	1686.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	1610.	2		1430	463	0.	3		0915	688	0.
1		0105	14	2.	1		1950	239	1538.	2		1435	464	0.	3		0920	689	0.
1		0110	15	2.	1		1955	240	1471.	2		1440	465	0.	3		0925	690	0.
1		0115	16	2.	1		2000	241	1408.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	1349.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	1294.	2		1455	468	0.	3		0940	693	0.
1		0130	19	6.	1		2015	244	1243.	2		1500	469	0.	3		0945	694	0.
1		0135	20	7.	1		2020	245	1195.	2		1505	470	0.	3		0950	695	0.
1		0140	21	8.	1		2025	246	1150.	2		1510	471	0.	3		0955	696	0.
1		0145	22	9.	1		2030	247	1107.	2		1515	472	0.	3		1000	697	0.
1		0150	23	10.	1		2035	248	1067.	2		1520	473	0.	3		1005	698	0.
1		0155	24	11.	1		2040	249	1029.	2		1525	474	0.	3		1010	699	0.
1		0200	25	12.	1		2045	250	993.	2		1530	475	0.	3		1015	700	0.
1		0205	26	13.	1		2050	251	959.	2		1535	476	0.	3		1020	701	0.
1		0210	27	14.	1		2055	252	927.	2		1540	477	0.	3		1025	702	0.
1		0215	28	16.	1		2100	253	896.	2		1545	478	0.	3		1030	703	0.
1		0220	29	18.	1		2105	254	868.	2		1550	479	0.	3		1035	704	0.
1		0225	30	21.	1		2110	255	840.	2		1555	480	0.	3		1040	705	0.
1		0230	31	24.	1		2115	256	815.	2		1600	481	0.	3		1045	706	0.
1		0235	32	27.	1		2120	257	791.	2		1605	482	0.	3		1050	707	0.
1		0240	33	30.	1		2125	258	768.	2		1610	483	0.	3		1055	708	0.
1		0245	34	34.	1		2130	259	747.	2		1615	484	0.	3		1100	709	0.
1		0250	35	37.	1		2135	260	726.	2		1620	485	0.	3		1105	710	0.
1		0255	36	41.	1		2140	261	707.	2		1625	486	0.	3		1110	711	0.
1		0300	37	45.	1		2145	262	689.	2		1630	487	0.	3		1115	712	0.
1		0305	38	49.	1		2150	263	672.	2		1635	488	0.	3		1120	713	0.
1		0310	39	52.	1		2155	264	656.	2		1640	489	0.	3		1125	714	0.
1		0315	40	56.	1		2200	265	640.	2		1645	490	0.	3		1130	715	0.
1		0320	41	60.	1		2205	266	625.	2		1650	491	0.	3		1135	716	0.
1		0325	42	63.	1		2210	267	611.	2		1655	492	0.	3		1140	717	0.
1		0330	43	67.	1		2215	268	597.	2		1700	493	0.	3		1145	718	0.
1		0335	44	70.	1		2220	269	585.	2		1705	494	0.	3		1150	719	0.
1		0340	45	74.	1		2225	270	572.	2		1710	495	0.	3		1155	720	0.
1		0345	46	77.	1		2230	271	560.	2		1715	496	0.	3		1200	721	0.
1		0350	47	81.	1		2235	272	549.	2		1720	497	0.	3		1205	722	0.
1		0355	48	84.	1		2240	273	537.	2		1725	498	0.	3		1210	723	0.
1		0400	49	87.	1		2245	274	526.	2		1730	499	0.	3		1215	724	0.
1		0405	50	90.	1		2250	275	515.	2		1735	500	0.	3		1220	725	0.
1		0410	51	94.	1		2255	276	504.	2		1740	501	0.	3		1225	726	0.
1		0415	52	97.	1		2300	277	494.	2		1745	502	0.	3		1230	727	0.
1		0420	53	100.	1		2305	278	484.	2		1750	503	0.	3		1235	728	0.
1		0425	54	104.	1		2310	279	474.	2		1755	504	0.	3		1240	729	0.
1		0430	55	107.	1		2315	280	465.	2		1800	505	0.	3		1245	730	0.
1		0435	56	110.	1		2320	281	455.	2		1805	506	0.	3		1250	731	0.
1		0440	57	114.	1		2325	282	446.	2		1810	507	0.	3		1255	732	0.
1		0445	58	117.	1		2330	283	437.	2		1815	508	0.	3		1300	733	0.
1		0450	59	121.	1		2335	284	429.	2		1820	509	0.	3		1305	734	0.
1		0455	60	124.	1		2340	285	420.	2		1825	510	0.	3		1310	735	0.
1		0500	61	127.	1		2345	286	412.	2		1830	511	0.	3		1315	736	0.
1		0505	62	131.	1		2350	287	404.	2		1835	512	0.	3		1320	737	0.
1		0510	63	134.	1		2355	288	397.	2		1840	513	0.	3		1325	738	0.
1		0515	64	137.	2		0000	289	389.	2		1845	514	0.	3		1330	739	0.
1		0520	65	140.	2		0005	290	382.	2		1850	515	0.	3		1335	740	0.
1		0525	66	144.	2		0010	291	375.	2		1855	516	0.	3		1340	741	0.
1		0530	67	147.	2		0015	292	368.	2		1900	517	0.	3		1345	742	0.
1		0535	68	150.	2		0020	293	361.	2		1905	518	0.	3		1350	743	0.
1		0540	69	153.	2		0025	294	355.	2		1910	519	0.	3		1355	744	0.
1		0545	70	156.	2		0030	295	348.	2		1915	520	0.	3		1400	745	0.
1		0550	71	159.	2		0035	296	341.	2		1920	521	0.	3		1405	746	0.
1		0555	72	162.	2		0040	297	334.	2		1925	522	0.	3		1410	747	0.
1		0600	73	165.	2		0045	298	327.	2		1930	523	0.	3		1415	748	0.
1		0605	74	168.	2		0050	299	320.	2		1935	524	0.	3		1420	749	0.
1		0610	75	171.	2		0055	300	313.	2		1940	525	0.	3		1425	750	0.
1		0615	76	174.	2		0100	301	305.	2		1945	526	0.	3		1430	751	0.
1		0620	77	178.	2		0105	302	298.	2		1950	527	0.	3		1435	752	0.
1		0625	78	181.	2		0110	303	290.	2		1955	528	0.	3		1440	753	0.
1		0630	79	185.	2		0115	304	282.	2		2000	529	0.	3		1445	754	0.
1		0635	80	189.	2		0120	305	274.	2		2005	530	0.	3		1450	755	0.
1		0640	81	193.	2		0125	306	265.	2		2010	531	0.	3		1455	756	0.
1		0645	82	197.	2		0130	307	257.	2		2015	532	0.	3		1500	757	0.
1		0650	83	201.	2		0135	308	248.	2		2020	533	0.	3		1505	758	0.
1		0655	84	205.	2		0140	309	239.	2		2025	534	0.	3		1510	759	0.
1		0700	85	209.	2		0145	310	230.	2		2030	535	0.	3		1515	760	0.
1		0705	86	213.	2		0150	311	221.	2		2035	536	0.	3		1520	761	0.
1		0710	87	218.	2		0155	312	213.	2		2040	537	0.	3		1525	762	0.
1		0715	88	222.	2		0200	313	204.	2		2045	538	0.	3		1530	763	0.
1		0720	89	226.	2		0205	314	195.	2		2050	539	0.	3		1535	764	0.
1		0725	90	231.	2		0210	315	187.	2		2055	540	0.	3		1540	765	0.
1		0730	91	235.	2		0215	316	178.	2		2100	541	0.	3		1545	766	0.
1		0735	92	240.	2		0220	317	170.	2		2105	542	0.	3		1550	767	0.
1		0740	93	244.	2		0225	318	162.	2		2110	543	0.	3		1555	768	0.
1		0745	94	249.	2		0230	319	155.	2		2115	544	0.	3		1600	769	0.
1		0750	95	254.	2		0235	320	148.	2		2120	545	0.	3		1605	770	0.
1		0755	96	259.	2		0240	321	140.	2		2125	546	0.	3		1610	771	0.
1		0800	97	264.	2		0245	322	134.	2		2130	547	0.	3		1615	772	0.
1		0805	98	269.	2		0250	323	127.	2		2135	548	0.	3		1620	773	0.
1		0810	99	274.	2		0255	324	121.	2		2140	549	0.	3		1625	774	0.
1		0815	100	280.	2		0300	325	115.	2		2145	550	0.	3		1630	775	0.
1		0820	101	286.	2		0305	326	109.	2		2150	551	0.	3		1635	776	0.
1		0825	102	292.	2		0310	327	103.	2		2155	552	0.	3		1640	777	0.

1	0830	103	299.	*	2	0315	328	98.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	305.	*	2	0320	329	92.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	312.	*	2	0325	330	87.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	319.	*	2	0330	331	83.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	326.	*	2	0335	332	78.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	333.	*	2	0340	333	73.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	341.	*	2	0345	334	69.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	349.	*	2	0350	335	65.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	356.	*	2	0355	336	61.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	364.	*	2	0400	337	57.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	372.	*	2	0405	338	53.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	380.	*	2	0410	339	50.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	389.	*	2	0415	340	47.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	397.	*	2	0420	341	44.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	406.	*	2	0425	342	41.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	415.	*	2	0430	343	38.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	423.	*	2	0435	344	35.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	432.	*	2	0440	345	33.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	442.	*	2	0445	346	30.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	451.	*	2	0450	347	28.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	461.	*	2	0455	348	26.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	470.	*	2	0500	349	24.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	480.	*	2	0505	350	23.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	491.	*	2	0510	351	21.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	502.	*	2	0515	352	19.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	513.	*	2	0520	353	18.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	525.	*	2	0525	354	16.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	537.	*	2	0530	355	15.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	550.	*	2	0535	356	14.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	564.	*	2	0540	357	12.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	578.	*	2	0545	358	11.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	593.	*	2	0550	359	10.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	611.	*	2	0555	360	9.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	632.	*	2	0600	361	8.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	656.	*	2	0605	362	7.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	683.	*	2	0610	363	5.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	713.	*	2	0615	364	4.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	786.	*	2	0620	365	3.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	942.	*	2	0625	366	2.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1246.	*	2	0630	367	1.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1699.	*	2	0635	368	0.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2295.	*	2	0640	369	0.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3018.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	3817.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	4707.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	5744.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	7264.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	9487.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	12953.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	16583.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	20993.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	25142.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	28200.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	30404.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	31910.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	32837.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33363.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33602.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33669.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33615.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33474.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	33261.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32974.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	32617.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	32179.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	31659.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31079.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	30464.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29823.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	29167.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	28493.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27791.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	27044.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	26243.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	25387.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	24482.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	23543.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	22591.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	21657.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	20747.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	19873.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19083.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18233.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17336.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16496.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15805.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15235.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14596.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13902.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13120.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12447.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11854.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11319.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10791.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10275.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9778.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9299.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8836.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8394.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7991.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7685.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7360.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7034.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6716.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6411.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6120.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.

1	1720	209	5843.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5580.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5329.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5087.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4855.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4635.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4436.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4264.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4116.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3984.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3864.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3738.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3607.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3469.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3328.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3185.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3042.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 33669.	13.33	(CFS) 17766.	4933.	1647.	1582.
		(INCHES) 1.328	1.475	1.477	1.477
		(AC-FT) 8810.	9785.	9798.	9798.

CUMULATIVE AREA = 124.38 SQ MI

HYDROGRAPH AT C410
TRANSPOSITION AREA 200.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2901.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2763.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2629.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	2500.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	2377.	2		1350	455	0.	3		0835	680	0.
1		0025	6	1.	1		1910	231	2260.	2		1355	456	0.	3		0840	681	0.
1		0030	7	1.	1		1915	232	2150.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	2045.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	1947.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	1855.	2		1415	460	0.	3		0900	685	0.
1		0050	11	1.	1		1935	236	1768.	2		1420	461	0.	3		0905	686	0.
1		0055	12	1.	1		1940	237	1686.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	1610.	2		1430	463	0.	3		0915	688	0.
1		0105	14	2.	1		1950	239	1538.	2		1435	464	0.	3		0920	689	0.
1		0110	15	2.	1		1955	240	1471.	2		1440	465	0.	3		0925	690	0.
1		0115	16	2.	1		2000	241	1408.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	1349.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	1294.	2		1455	468	0.	3		0940	693	0.
1		0130	19	6.	1		2015	244	1243.	2		1500	469	0.	3		0945	694	0.
1		0135	20	7.	1		2020	245	1195.	2		1505	470	0.	3		0950	695	0.
1		0140	21	8.	1		2025	246	1150.	2		1510	471	0.	3		0955	696	0.
1		0145	22	9.	1		2030	247	1107.	2		1515	472	0.	3		1000	697	0.
1		0150	23	10.	1		2035	248	1067.	2		1520	473	0.	3		1005	698	0.
1		0155	24	11.	1		2040	249	1029.	2		1525	474	0.	3		1010	699	0.
1		0200	25	12.	1		2045	250	993.	2		1530	475	0.	3		1015	700	0.
1		0205	26	13.	1		2050	251	959.	2		1535	476	0.	3		1020	701	0.
1		0210	27	14.	1		2055	252	927.	2		1540	477	0.	3		1025	702	0.
1		0215	28	16.	1		2100	253	896.	2		1545	478	0.	3		1030	703	0.
1		0220	29	18.	1		2105	254	868.	2		1550	479	0.	3		1035	704	0.
1		0225	30	21.	1		2110	255	840.	2		1555	480	0.	3		1040	705	0.
1		0230	31	24.	1		2115	256	815.	2		1600	481	0.	3		1045	706	0.
1		0235	32	27.	1		2120	257	791.	2		1605	482	0.	3		1050	707	0.
1		0240	33	30.	1		2125	258	768.	2		1610	483	0.	3		1055	708	0.
1		0245	34	34.	1		2130	259	747.	2		1615	484	0.	3		1100	709	0.
1		0250	35	37.	1		2135	260	726.	2		1620	485	0.	3		1105	710	0.
1		0255	36	41.	1		2140	261	707.	2		1625	486	0.	3		1110	711	0.
1		0300	37	45.	1		2145	262	689.	2		1630	487	0.	3		1115	712	0.
1		0305	38	49.	1		2150	263	672.	2		1635	488	0.	3		1120	713	0.
1		0310	39	52.	1		2155	264	656.	2		1640	489	0.	3		1125	714	0.
1		0315	40	56.	1		2200	265	640.	2		1645	490	0.	3		1130	715	0.
1		0320	41	60.	1		2205	266	625.	2		1650	491	0.	3		1135	716	0.
1		0325	42	63.	1		2210	267	611.	2		1655	492	0.	3		1140	717	0.
1		0330	43	67.	1		2215	268	597.	2		1700	493	0.	3		1145	718	0.
1		0335	44	70.	1		2220	269	585.	2		1705	494	0.	3		1150	719	0.
1		0340	45	74.	1		2225	270	572.	2		1710	495	0.	3		1155	720	0.
1		0345	46	77.	1		2230	271	560.	2		1715	496	0.	3		1200	721	0.
1		0350	47	81.	1		2235	272	549.	2		1720	497	0.	3		1205	722	0.
1		0355	48	84.	1		2240	273	537.	2		1725	498	0.	3		1210	723	0.
1		0400	49	87.	1		2245	274	526.	2		1730	499	0.	3		1215	724	0.
1		0405	50	90.	1		2250	275	515.	2		1735	500	0.	3		1220	725	0.
1		0410	51	94.	1		2255	276	504.	2		1740	501	0.	3		1225	726	0.
1		0415	52	97.	1		2300	277	494.	2		1745	502	0.	3		1230	727	0.
1		0420	53	100.	1		2305	278	484.	2		1750	503	0.	3		1235	728	0.
1		0425	54	104.	1		2310	279	474.	2		1755	504	0.	3		1240	729	0.
1		0430	55	107.	1		2315	280	465.	2		1800	505	0.	3		1245	730	0.
1		0435	56	110.	1		2320	281	455.	2		1805	506	0.	3		1250	731	0.
1		0440	57	114.	1		2325	282	446.	2		1810	507	0.	3		1255	732	0.
1		0445	58	117.	1		2330	283	437.	2		1815	508	0.	3		1300	733	0.
1		0450	59	121.	1		2335	284	429.	2		1820	509	0.	3		1305	734	0.
1		0455	60	124.	1		2340	285	420.	2		1825	510	0.	3		1310	735	0.
1		0500	61	127.	1		2345	286	412.	2		1830	511	0.	3		1315	736	0.
1		0505	62	131.	1		2350	287	404.	2		1835	512	0.	3		1320	737	0.
1		0510	63	134.	1		2355	288	397.	2		1840	513	0.	3		1325	738	0.
1		0515	64	137.	2		0000	289	389.	2		1845	514	0.	3		1330	739	0.
1		0520	65	140.	2		0005	290	382.	2		1850	515	0.	3		1335	740	0.
1		0525	66	144.	2		0010	291	375.	2		1855	516	0.	3		1340	741	0.

1	0530	67	147.	*	2	0015	292	368.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	150.	*	2	0020	293	361.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	153.	*	2	0025	294	355.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	156.	*	2	0030	295	348.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	159.	*	2	0035	296	341.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	162.	*	2	0040	297	334.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	165.	*	2	0045	298	327.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	168.	*	2	0050	299	320.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	171.	*	2	0055	300	313.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	174.	*	2	0100	301	305.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	178.	*	2	0105	302	298.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	181.	*	2	0110	303	290.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	185.	*	2	0115	304	282.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	189.	*	2	0120	305	274.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	193.	*	2	0125	306	265.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	197.	*	2	0130	307	257.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	201.	*	2	0135	308	248.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	205.	*	2	0140	309	239.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	209.	*	2	0145	310	230.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	213.	*	2	0150	311	221.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	218.	*	2	0155	312	213.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	222.	*	2	0200	313	204.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	226.	*	2	0205	314	195.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	231.	*	2	0210	315	187.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	235.	*	2	0215	316	178.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	240.	*	2	0220	317	170.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	244.	*	2	0225	318	162.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	249.	*	2	0230	319	155.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	254.	*	2	0235	320	148.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	259.	*	2	0240	321	140.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	264.	*	2	0245	322	134.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	269.	*	2	0250	323	127.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	274.	*	2	0255	324	121.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	280.	*	2	0300	325	115.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	286.	*	2	0305	326	109.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	292.	*	2	0310	327	103.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	299.	*	2	0315	328	98.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	305.	*	2	0320	329	92.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	312.	*	2	0325	330	87.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	319.	*	2	0330	331	83.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	326.	*	2	0335	332	78.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	333.	*	2	0340	333	73.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	341.	*	2	0345	334	69.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	349.	*	2	0350	335	65.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	356.	*	2	0355	336	61.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	364.	*	2	0400	337	57.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	372.	*	2	0405	338	53.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	380.	*	2	0410	339	50.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	389.	*	2	0415	340	47.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	397.	*	2	0420	341	44.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	406.	*	2	0425	342	41.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	415.	*	2	0430	343	38.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	423.	*	2	0435	344	35.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	432.	*	2	0440	345	33.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	442.	*	2	0445	346	30.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	451.	*	2	0450	347	28.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	461.	*	2	0455	348	26.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	470.	*	2	0500	349	24.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	480.	*	2	0505	350	23.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	491.	*	2	0510	351	21.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	502.	*	2	0515	352	19.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	513.	*	2	0520	353	18.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	525.	*	2	0525	354	16.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	537.	*	2	0530	355	15.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	550.	*	2	0535	356	14.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	564.	*	2	0540	357	12.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	578.	*	2	0545	358	11.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	593.	*	2	0550	359	10.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	611.	*	2	0555	360	9.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	632.	*	2	0600	361	8.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	656.	*	2	0605	362	7.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	683.	*	2	0610	363	5.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	713.	*	2	0615	364	4.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	786.	*	2	0620	365	3.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	942.	*	2	0625	366	2.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1246.	*	2	0630	367	1.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1699.	*	2	0635	368	0.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2295.	*	2	0640	369	0.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3018.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	3817.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	4707.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	5744.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	7264.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	9487.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	12953.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	16583.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	20993.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	25142.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	28200.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	30404.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	31910.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	32837.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33363.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33602.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33669.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33615.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33474.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	33261.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32974.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	32617.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	32179.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	31659.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31079.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	30464.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29823.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	29167.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.

1	1420	173	28493.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27791.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	27044.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	26243.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	25387.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	24482.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	23543.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	22591.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	21657.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	20747.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	19873.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19083.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18233.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17336.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16496.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15805.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15235.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14596.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13902.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13120.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12447.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11854.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11319.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10791.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10275.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9778.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9299.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8836.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8394.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7991.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7685.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7360.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7034.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6716.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6411.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6120.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5843.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5580.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5329.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5087.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4855.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4635.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4436.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4264.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4116.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3984.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3864.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3738.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3607.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3469.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3328.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3185.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3042.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+ 33669.	13.33	(CFS)	17766.	4933.	1647.	1582.
		(INCHES)	1.328	1.475	1.477	1.477
		(AC-FT)	8810.	9785.	9798.	9798.

CUMULATIVE AREA = 124.38 SQ MI

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INTERPOLATED HYDROGRAPH AT C410

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2907.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2769.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2635.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	2506.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	2382.	2		1350	455	0.	3		0835	680	0.
1		0025	6	1.	1		1910	231	2265.	2		1355	456	0.	3		0840	681	0.
1		0030	7	1.	1		1915	232	2154.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	2050.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	1951.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	1858.	2		1415	460	0.	3		0900	685	0.
1		0050	11	1.	1		1935	236	1771.	2		1420	461	0.	3		0905	686	0.
1		0055	12	1.	1		1940	237	1690.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	1613.	2		1430	463	0.	3		0915	688	0.
1		0105	14	2.	1		1950	239	1541.	2		1435	464	0.	3		0920	689	0.
1		0110	15	2.	1		1955	240	1474.	2		1440	465	0.	3		0925	690	0.
1		0115	16	2.	1		2000	241	1411.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	1352.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	1297.	2		1455	468	0.	3		0940	693	0.
1		0130	19	6.	1		2015	244	1246.	2		1500	469	0.	3		0945	694	0.
1		0135	20	7.	1		2020	245	1197.	2		1505	470	0.	3		0950	695	0.
1		0140	21	8.	1		2025	246	1152.	2		1510	471	0.	3		0955	696	0.
1		0145	22	9.	1		2030	247	1109.	2		1515	472	0.	3		1000	697	0.
1		0150	23	10.	1		2035	248	1069.	2		1520	473	0.	3		1005	698	0.
1		0155	24	11.	1		2040	249	1031.	2		1525	474	0.	3		1010	699	0.
1		0200	25	12.	1		2045	250	995.	2		1530	475	0.	3		1015	700	0.
1		0205	26	13.	1		2050	251	961.	2		1535	476	0.	3		1020	701	0.
1		0210	27	14.	1		2055	252	929.	2		1540	477	0.	3		1025	702	0.
1		0215	28	16.	1		2100	253	898.	2		1545	478	0.	3		1030	703	0.
1		0220	29	18.	1		2105	254	869.	2		1550	479	0.	3		1035	704	0.
1		0225	30	21.	1		2110	255	842.	2		1555	480	0.	3		1040	705	0.
1		0230	31	24.	1		2115	256	816.	2		1600	481	0.	3		1045	706	0.

1	0235	32	27.	*	1	2120	257	792.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	30.	*	1	2125	258	769.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	34.	*	1	2130	259	748.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	38.	*	1	2135	260	728.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	41.	*	1	2140	261	709.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	45.	*	1	2145	262	690.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	49.	*	1	2150	263	673.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	53.	*	1	2155	264	657.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	56.	*	1	2200	265	641.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	60.	*	1	2205	266	626.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	64.	*	1	2210	267	612.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	67.	*	1	2215	268	598.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	71.	*	1	2220	269	586.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	74.	*	1	2225	270	573.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	77.	*	1	2230	271	561.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	81.	*	1	2235	272	550.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	84.	*	1	2240	273	538.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	87.	*	1	2245	274	527.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	91.	*	1	2250	275	516.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	94.	*	1	2255	276	505.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	97.	*	1	2300	277	495.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	101.	*	1	2305	278	485.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	104.	*	1	2310	279	475.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	107.	*	1	2315	280	466.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	111.	*	1	2320	281	456.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	114.	*	1	2325	282	447.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	118.	*	1	2330	283	438.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	121.	*	1	2335	284	430.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	124.	*	1	2340	285	421.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	128.	*	1	2345	286	413.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	131.	*	1	2350	287	405.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	134.	*	1	2355	288	398.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	138.	*	2	0000	289	390.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	141.	*	2	0005	290	383.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	144.	*	2	0010	291	376.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	147.	*	2	0015	292	369.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	150.	*	2	0020	293	362.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	153.	*	2	0025	294	355.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	156.	*	2	0030	295	348.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	159.	*	2	0035	296	342.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	162.	*	2	0040	297	335.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	165.	*	2	0045	298	328.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	168.	*	2	0050	299	321.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	172.	*	2	0055	300	313.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	175.	*	2	0100	301	306.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	178.	*	2	0105	302	298.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	182.	*	2	0110	303	291.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	186.	*	2	0115	304	283.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	189.	*	2	0120	305	274.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	193.	*	2	0125	306	266.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	197.	*	2	0130	307	257.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	201.	*	2	0135	308	249.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	206.	*	2	0140	309	240.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	210.	*	2	0145	310	231.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	214.	*	2	0150	311	222.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	218.	*	2	0155	312	213.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	223.	*	2	0200	313	204.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	227.	*	2	0205	314	196.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	231.	*	2	0210	315	187.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	236.	*	2	0215	316	179.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	240.	*	2	0220	317	171.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	245.	*	2	0225	318	163.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	250.	*	2	0230	319	155.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	254.	*	2	0235	320	148.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	259.	*	2	0240	321	141.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	265.	*	2	0245	322	134.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	270.	*	2	0250	323	127.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	275.	*	2	0255	324	121.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	281.	*	2	0300	325	115.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	287.	*	2	0305	326	109.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	293.	*	2	0310	327	103.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	300.	*	2	0315	328	98.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	306.	*	2	0320	329	93.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	313.	*	2	0325	330	88.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	320.	*	2	0330	331	83.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	327.	*	2	0335	332	78.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	334.	*	2	0340	333	74.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	342.	*	2	0345	334	69.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	349.	*	2	0350	335	65.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	357.	*	2	0355	336	61.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	365.	*	2	0400	337	57.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	373.	*	2	0405	338	54.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	382.	*	2	0410	339	50.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	390.	*	2	0415	340	47.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	398.	*	2	0420	341	44.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	407.	*	2	0425	342	41.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	416.	*	2	0430	343	38.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	425.	*	2	0435	344	35.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	434.	*	2	0440	345	33.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	443.	*	2	0445	346	31.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	452.	*	2	0450	347	28.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	462.	*	2	0455	348	26.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	472.	*	2	0500	349	24.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	482.	*	2	0505	350	23.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	492.	*	2	0510	351	21.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	503.	*	2	0515	352	19.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	514.	*	2	0520	353	18.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	526.	*	2	0525	354	16.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	538.	*	2	0530	355	15.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	551.	*	2	0535	356	14.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	565.	*	2	0540	357	12.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	579.	*	2	0545	358	11.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	595.	*	2	0550	359	10.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	613.	*	2	0555	360	9.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	634.	*	2	0600	361	8.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	658.	*	2	0605	362	7.	*	3	0050	587	0.	*	3	1935	812	0.

1	1125	138	685.	*	2	0610	363	6.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	715.	*	2	0615	364	4.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	789.	*	2	0620	365	3.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	945.	*	2	0625	366	2.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1250.	*	2	0630	367	1.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1703.	*	2	0635	368	0.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2301.	*	2	0640	369	0.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3026.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	3826.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	4718.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	5761.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	7289.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	9528.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	13006.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	16648.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	21076.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	25229.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	28289.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	30497.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	32005.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	32933.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33453.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33696.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33771.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33725.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33591.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	33383.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	33101.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	32746.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	32309.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	31778.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31194.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	30574.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29927.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	29264.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	28584.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27876.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	27124.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	26319.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	25458.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	24549.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	23605.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	22648.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	21707.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	20793.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	19914.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19118.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18269.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17374.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16528.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15830.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15258.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14621.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13928.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13149.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12471.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11875.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11339.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10810.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10294.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9795.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9316.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8852.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8409.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8005.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7696.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7372.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7046.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6728.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6422.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6130.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5853.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5590.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5338.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5097.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4864.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4643.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4444.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4271.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4122.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3989.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3869.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3744.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3612.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3475.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3334.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3191.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3048.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 33771.	13.33		17817.	4947.	1651.	1587.
		(INCHES)	1.332	1.479	1.481	1.481
		(AC-FT)	8835.	9813.	9825.	9825.

CUMULATIVE AREA = 124.38 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	S110L	7509.	12.67	1865.	478.	159.	10.60		
HYDROGRAPH AT	S110R	9212.	12.92	2860.	763.	255.	17.93		
2 COMBINED AT	C110	15136.	12.83	4499.	1184.	395.	28.53		
ROUTED TO	110120	14944.	12.92	4498.	1183.	395.	28.53		
HYDROGRAPH AT	S120	3123.	12.58	769.	203.	68.	4.77		
2 COMBINED AT	C120	17293.	12.83	5132.	1352.	451.	33.31		
ROUTED TO	120130	16828.	12.92	5124.	1350.	451.	33.31		
HYDROGRAPH AT	S130	3342.	12.25	513.	135.	45.	2.88		
2 COMBINED AT	C130	17526.	12.92	5530.	1458.	487.	36.18		
ROUTED TO	130140	17396.	12.92	5528.	1457.	486.	36.18		
HYDROGRAPH AT	S140	1846.	12.25	309.	80.	27.	1.84		
2 COMBINED AT	C140	17929.	12.92	5768.	1520.	507.	38.02		
ROUTED TO	140150	17572.	13.08	5750.	1516.	506.	38.02		
HYDROGRAPH AT	S150	1381.	12.17	194.	54.	18.	1.07		
HYDROGRAPH AT	S150R	2361.	12.17	347.	94.	31.	2.00		
3 COMBINED AT	C150	17932.	13.08	6160.	1632.	545.	41.08		
ROUTED TO	150160	17925.	13.08	6158.	1631.	545.	41.08		
HYDROGRAPH AT	S160	1334.	12.25	226.	59.	20.	1.29		
2 COMBINED AT	C160	18188.	13.08	6330.	1677.	560.	42.38		
ROUTED TO	160170	18051.	13.17	6322.	1675.	559.	42.38		
HYDROGRAPH AT	S170	1378.	12.17	183.	48.	16.	.91		
HYDROGRAPH AT	S170R	2742.	12.50	610.	164.	55.	3.42		
3 COMBINED AT	C170	19152.	13.08	6941.	1843.	616.	46.71		
ROUTED TO	170180	19074.	13.17	6934.	1842.	615.	46.71		
HYDROGRAPH AT	S180	3283.	12.50	706.	184.	61.	3.80		
2 COMBINED AT	C180	20249.	13.17	7491.	1988.	664.	50.51		
ROUTED TO	180190	19633.	13.42	7450.	1981.	662.	50.51		
HYDROGRAPH AT	S190L	3503.	12.25	538.	137.	46.	2.81		
HYDROGRAPH AT	S190R	3666.	12.50	805.	213.	71.	4.37		
3 COMBINED AT	C190	20761.	13.33	8471.	2256.	754.	57.69		
ROUTED TO	190200	20566.	13.50	8432.	2252.	752.	57.69		
HYDROGRAPH AT	S200	4911.	12.17	707.	190.	63.	3.95		
2 COMBINED AT	C200	20679.	13.50	8941.	2400.	803.	61.64		
ROUTED TO	200210	20482.	13.58	8910.	2392.	799.	61.64		

+	HYDROGRAPH AT	S210	5895.	12.83	1814.	512.	171.	10.35
+	2 COMBINED AT	C210	23119.	13.58	10396.	2813.	942.	71.99
+	ROUTED TO	210220	22987.	13.67	10365.	2805.	938.	71.99
+	HYDROGRAPH AT	S220	4131.	12.25	725.	200.	67.	3.63
+	2 COMBINED AT	C220	23260.	13.58	10903.	2963.	992.	75.62
+	ROUTED TO	220230	23134.	13.67	10871.	2955.	988.	75.62
+	HYDROGRAPH AT	S230	2408.	12.25	406.	109.	36.	1.84
+	2 COMBINED AT	C230	23235.	13.67	11164.	3040.	1017.	77.46
+	ROUTED TO	230240	23199.	13.75	11148.	3037.	1016.	77.46
+	HYDROGRAPH AT	S240	2964.	12.33	541.	141.	47.	2.63
+	2 COMBINED AT	C240	23394.	13.75	11551.	3147.	1053.	80.09
+	ROUTED TO	240250	23213.	13.83	11504.	3137.	1049.	80.09
+	HYDROGRAPH AT	S250	5379.	12.50	1217.	326.	109.	5.89
+	2 COMBINED AT	C250	24045.	13.75	12448.	3400.	1137.	85.97
+	ROUTED TO	250260	24030.	13.83	12441.	3399.	1137.	85.97
+	HYDROGRAPH AT	S260L	3232.	12.50	759.	208.	70.	3.78
+	HYDROGRAPH AT	S260R	2410.	12.17	378.	102.	34.	1.65
+	3 COMBINED AT	C260	24661.	13.75	13281.	3640.	1218.	91.40
+	HYDROGRAPH AT	S270	3471.	12.75	989.	277.	93.	4.86
+	ROUTED TO	270300	3213.	13.17	977.	268.	89.	4.86
+	HYDROGRAPH AT	S280	4340.	12.58	1040.	280.	94.	5.93
+	ROUTED TO	280295	3983.	12.83	996.	250.	83.	5.93
+	HYDROGRAPH AT	S290	6269.	12.67	1446.	395.	132.	7.64
+	2 COMBINED AT	C295	9547.	12.75	2349.	623.	208.	13.57
+	ROUTED TO	295300	9465.	12.83	2345.	619.	206.	13.57
+	2 COMBINED AT	C300	11828.	12.83	3207.	856.	286.	18.44
+	ROUTED TO	300310	11751.	12.83	3201.	852.	284.	18.44
+	HYDROGRAPH AT	S310	2747.	12.33	444.	115.	38.	2.39
+	2 COMBINED AT	C310L	12838.	12.83	3571.	947.	316.	20.82
+	2 COMBINED AT	C310	30867.	13.33	16273.	4435.	1484.	112.23
+	ROUTED TO	310390	30821.	13.33	16256.	4430.	1481.	112.23
+	HYDROGRAPH AT	S320	945.	12.00	108.	31.	10.	.45
+	ROUTED TO	320340	933.	12.08	108.	31.	10.	.45
+	HYDROGRAPH AT	S330	284.	12.08	50.	15.	5.	.16
+	ROUTED TO	330340	277.	12.17	50.	15.	5.	.16
	HYDROGRAPH AT							

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+                    S340L      418.   12.08        53.        15.        5.       .24
+  HYDROGRAPH AT
+                    S340R      125.   12.00        19.         6.        2.       .06
+  4 COMBINED AT
+                     C340     1747.   12.08       230.        66.       22.       .92
+  ROUTED TO
+                   340350     1690.   12.17       230.        66.       22.       .92
+  HYDROGRAPH AT
+                     S350      315.   12.08        39.        11.        4.       .16
+  2 COMBINED AT
+                     C350     1987.   12.08       268.        77.       26.      1.08
+  ROUTED TO
+                   350360     1868.   12.25       268.        77.       26.      1.08
+  HYDROGRAPH AT
+                     S360      791.   12.25       131.        36.       12.       .58
+  2 COMBINED AT
+                     C360     2620.   12.25       393.       111.       37.      1.66
+  ROUTED TO
+                   360370     2564.   12.33       392.       111.       37.      1.66
+  HYDROGRAPH AT
+                     S370      634.   12.08       105.        33.       11.       .34
+  2 COMBINED AT
+                     C370     3011.   12.25       492.       142.       47.      2.00
+  ROUTED TO
+                   370385     2979.   12.33       492.       142.       47.      2.00
+  HYDROGRAPH AT
+                     S380      933.   12.00       105.        29.       10.       .41
+  ROUTED TO
+                   380385      886.   12.00       105.        29.       10.       .41
+  2 COMBINED AT
+                     C385     3416.   12.25       590.       169.       56.      2.42
+  ROUTED TO
+                   385390     3370.   12.33       590.       169.       56.      2.42
+  HYDROGRAPH AT
+                     S390      607.   12.08        82.        22.        7.       .35
+  2 COMBINED AT
+                    C390L     3798.   12.25       666.       189.       63.      2.76
+  2 COMBINED AT
+                     C390    31176.   13.33     16751.      4579.     1532.    114.99
+  ROUTED TO
+                   390400    30982.   13.50     16534.      4543.     1516.    114.99
+  HYDROGRAPH AT
+                     S400     3541.   12.33       665.       179.       60.      3.06
+  2 COMBINED AT
+                    C400R    31437.   13.42     16954.      4681.     1563.    118.05
+  HYDROGRAPH AT
+                    S400L     3461.   13.00      1034.       283.       95.      5.03
+  2 COMBINED AT
+                     C400    33856.   13.17     17746.      4904.     1638.    123.08
+  ROUTED TO
+                   400410    33698.   13.33     17681.      4889.     1632.    123.08
+  HYDROGRAPH AT
+                     S410     2169.   12.17       307.        79.       26.      1.31
+  2 COMBINED AT
+                     C410    33771.   13.33     17817.      4947.     1651.    124.38
1                                          HEC-1 INPUT                                    PAGE  1

 LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

                *
    1           ID   Start Willdan model
                *
    2           IT       5                    900
    3           IO       5
    4           IN      15
                *  RAINFALL DEPTH OF 4.20 WAS SPACIALLY REDUCED AS SHOWN BY THE JD RECORD
                *  THE FOLLOWING PC RECORDS USED A 24-HR SCS TYPE II STORM
    5           JD   3.847    0.01
    6           PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
    7           PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
    8           PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
    9           PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
   10           PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
   11           PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
   12           PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
   13           PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
   14           PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
   15           PC    .983    .986    .989    .992    .995    .998   1.000
   16           JD   3.847    1.00
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17          JD   3.847   10.00
18          JD   3.847   20.00
19          JD   3.847   70.00
20          JD   3.847  130.00
21          JD   3.847  200.00
            *

22          KK    3085
23          KM   SUB-BASIN 3085
24          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
25          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
26          KM     L =  .66  Kb = .029  Adj. Slope =  114.0
27          BA    .081
28          LG    .100     .350   3.530    .530    .000
29          UC    .208     .195
30          UA       0        3       5       8      12      20      43      75      90      96
31          UA     100
            *

32          KK  RECALL
33          BI    C410       21
            *

34          KK  410509
35          KM   ROUTE C410 TO C509
36          KM   THRU CAVE CREEK WASH
37          RS       1    FLOW      -1
38          RC    0.08   0.045    0.15    2800  0.0075
39          RX       0      40     140     360     400     410     610     720
40          RY     100      85      85      84      84      90      90      91
            *
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1 HEC-1 INPUT PAGE 2

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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

41          KK    C509
42          KM   COMBINE SUB 3085 & 410509
43          HC       2  124.46
            *

44          KK  509518
45          KM   ROUTE C3085 TO C4510A
46          KM   THRU CAVE CREEK WASH
47          RS       7    FLOW      -1
48          RC   0.080   0.045   0.150   14500  0.0086
49          RX       0      50     750     850     900     905     910     915
50          RY     102     101      91      89    89.5      98     100     101
            *

51          KK    4510
52          KM   SUB-BASIN 4510
53          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
54          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
55          KM     L = 3.24  Kb = .039  Adj. Slope =   49.0
56          BA   1.531
57          LG    .350     .270   8.800    .060    .000
58          UC    .900     .661
59          UA       0        3       5       8      12      20      43      75      90      96
60          UA     100
            *

61          KK  C4510A
62          KM   COMBINE SUB BASIN 4510 & R3085
63          HC       2
            *

64          KK    1210
65          KM   SUB-BASIN 1210
66          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
67          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
68          KM     L = 3.66  Kb = .041  Adj. Slope =  167.0
69          BA   1.274
70          LG    .330     .330   5.300    .250   9.000
71          UC    .642     .556
72          UA       0        3       5       8      12      20      43      75      90      96
73          UA     100
            *

74          KK  529531
75          KM   ROUTE SUB 1215 TO C1220
76          RS       6    FLOW      -1
77          RC    0.08    0.04    0.08    9600  0.0214
78          RX       0     100     200     245     278     347     447     547
79          RY     100      99      98      93      93      98      99     100
            *
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1 HEC-1 INPUT PAGE 3

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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

80          KK    1215
81          KM   SUB-BASIN 1215
82          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
83          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
84          KM     L = 1.48  Kb = .051  Adj. Slope =  132.0
85          BA    .218
86          LG    .300     .260   5.000    .330  14.000
87          UC    .438     .482
88          UA       0        3       5       8      12      20      43      75      90      96
89          UA     100
            *

90          KK  530531
91          KM   ROUTE SUB 1215 TO C1220
92          RS       3    FLOW      -1
```

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 93          RC    0.08    0.04    0.08    6400  0.0211
 94          RX       0     100     200     245     278     347     447     547
 95          RY     100      99      98      93      93      98      99     100
             *

 96          KK    1220
 97          KM   SUB-BASIN 1220
 98          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
 99          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
100          KM     L = 1.82  Kb = .043  Adj. Slope =  137.0
101          BA    .709
102          LG    .350    .350   4.800    .290    .000
103          UC    .450    .300
104          UA       0       3       5       8      12      20      43      75      90      96
105          UA     100
             *

106          KK    C531
107          KM   COMBINE SUB 1220, R1210 & R1215
108          HC       3
             *

109          KK  531500
110          KM   ROUTE C1220 TO C1230
111          RS       3    FLOW      -1
112          RC    0.08    0.03    0.08    5900  0.0229
113          RX       0     100     200     206     238     242     342     442
114          RY     100      99      98    96.5    96.5      98      99     100
             *

115          KK    1230
116          KM   SUB-BASIN 1230
117          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
118          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
119          KM     L = 2.39  Kb = .048  Adj. Slope =  119.0
120          BA    .628
121          LG    .320    .340   5.200    .270   5.000
122          UC    .629    .579
123          UA       0       3       5       8      12      20      43      75      90      96
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1                                    HEC-1 INPUT

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

124          UA     100
             *

125          KK    C500
126          KM   COMBINE SUB 1230 & R1220
127          HC       2
             *

128          KK  500501
129          KM   ROUTE C1230 TO C1240
130          RS       2    FLOW      -1
131          RC    0.10   0.050    0.10    4400  0.0182
132          RX       0     100     200     216     230     238     338     438
133          RY     100      99      98      94      94    98.4    99.4   100.4
             *

134          KK    1240
135          KM   SUB-BASIN 1240
136          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
137          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
138          KM     L = 1.78  Kb = .049  Adj. Slope =  110.0
139          BA    .397
140          LG    .310    .340   5.600    .230  11.000
141          UC    .512    .473
142          UA       0       3       5       8      12      20      43      75      90      96
143          UA     100
             *

144          KK    C501
145          KM   COMBINE SUB 1240 & R1230
146          HC       2
             *

147          KK  501502
148          KM   ROUTE C1240 TO C3045
149          RS       2    FLOW      -1
150          RC    0.06   0.030    0.06    4400  0.0193
151          RX       0     100     200     219     250     257     357     457
152          RY     100      99      98      97      97    98.7    99.7   100.7
             *

153          KK    3045
154          KM   SUB-BASIN 3045
155          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
156          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
157          KM     L = 1.31  Kb = .050  Adj. Slope =  103.0
158          BA    .245
159          LG    .350    .380   5.600    .210    .000
160          UC    .442    .413
161          UA       0       3       5       8      12      20      43      75      90      96
162          UA     100
             *
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1                                    HEC-1 INPUT

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

163          KK    C502
164          KM   COMBINE SUB 3045 & R1240
165          HC       2
             *

166          KK  502503
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```
167          KM   ROUTE C3045 TO C3050
168          RS       4    FLOW       -1
169          RC    0.08   0.035    0.08    6800  0.0191
170          RX       0     100     200     212     242     254     354     454
171          RY     100      99      98      96      96      98      99     100
             *

172          KK    3050
173          KM   SUB-BASIN 3050
174          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
175          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
176          KM     L = 1.27  Kb = .051  Adj. Slope =  106.0
177          BA    .337
178          LG    .330    .330   4.650    .340   4.000
179          UC    .446    .340
180          UA       0       3       5       8      12      20      43      75      90      96
181          UA     100
             *

182          KK    C503
183          KM   COMBINE SUB 3050 & R3045
184          HC       2
             *

185          KK  503504
186          KM   ROUTE C3050 TO C3060
187          RS       4    FLOW       -1
188          RC   0.055   0.040   0.055    7800  0.0167
189          RX       0     100     200     207     217     225     325     425
190          RY     100      99      98      96      95      98      99     100
             *

191          KK    3060
192          KM   SUB-BASIN 3060
193          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
194          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
195          KM     L = 1.67  Kb = .047  Adj. Slope =   87.0
196          BA    .386
197          LG    .340    .330   4.550    .350   3.000
198          UC    .563    .507
199          UA       0       3       5       8      12      20      43      75      90      96
200          UA     100
             *
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1 HEC-1 INPUT PAGE 6

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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

201          KK   C504L
202          KM   COMBINE SUB 3060 & R3050
203          HC       2
             *

204          KK    3000
205          KM   SUB-BASIN 3000
206          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
207          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
208          KM     L = 1.99  Kb = .047  Adj. Slope =  116.0
209          BA    .385
210          LG    .340    .340   6.600    .150   3.000
211          UC    .517    .531
212          UA       0       3       5       8      12      20      43      75      90      96
213          UA     100
             *

214          KK  507506
215          KM   ROUTE SUB 3000 TO C3010
216          RS       3    FLOW       -1
217          RC    0.09   0.050    0.09    6500  0.0162
218          RX       0     100     200     203     213     216     316     416
219          RY     100      99      98      97      97      98      99     100
             *

220          KK    3010
221          KM   SUB-BASIN 3010
222          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
223          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
224          KM     L = 1.36  Kb = .052  Adj. Slope =   88.0
225          BA    .163
226          LG    .320    .230   7.300    .120   9.000
227          UC    .467    .571
228          UA       0       3       5       8      12      20      43      75      90      96
229          UA     100
             *

230          KK   C506R
231          KM   COMBINE SUB 3010 & R3000
232          HC       2
             *

233          KK    3020
234          KM   SUB-BASIN 3020
235          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
236          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
237          KM     L = 1.63  Kb = .055  Adj. Slope =  107.0
238          BA    .310
239          LG    .310    .310   5.400    .260   6.000
240          UC    .538    .535
241          UA       0       3       5       8      12      20      43      75      90      96
242          UA     100
             *
```

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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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```
243          KK  505506
244          KM   ROUTE C3020 TO C3030
245          RS       3    FLOW      -1
246          RC    0.09   0.050    0.09    5700  0.0167
247          RX       0     100     200     203     213     216     316     416
248          RY     100      99      98      97      97      98      99     100
             *

249          KK    3030
250          KM   SUB-BASIN 3030
251          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
252          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
253          KM     L = 1.16  Kb = .050  Adj. Slope =   91.0
254          BA    .223
255          LG    .320    .300   5.400    .250   9.000
256          UC    .425    .379
257          UA       0       3       5       8      12      20      43      75      90      96
258          UA     100
             *

259          KK   C506L
260          KM   COMBINE SUB 3030 & R3020
261          HC       2
             *

262          KK    C506
263          KM   COMBINE C3030A & C3010
264          HC       2
             *

265          KK  506504
266          KM   ROUTE C3030B TO C3040
267          RS       2    FLOW      -1
268          RC    0.08    0.04    0.08    3100  0.0145
269          RX       0     100     200     210     216     222     322     422
270          RY     100      99      98      95      95      96      99     100
             *

271          KK    3040
272          KM   SUB-BASIN 3040
273          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
274          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
275          KM     L = 1.02  Kb = .054  Adj. Slope =   78.0
276          BA    .119
277          LG    .350    .300   8.000    .080    .000
278          UC    .421    .484
279          UA       0       3       5       8      12      20      43      75      90      96
280          UA     100
             *
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

281          KK    C504
282          KM   COMBINE SUB 3040 & R3030
283          HC       2
             *

284          KK  504508
285          KM   ROUTE C3040 TO C3060B
286          RS       1    FLOW      -1
287          RC    0.07    0.04    0.07     900  0.0111
288          RX       0     100     200     210     229     232     332     436
289          RY     100      99      98      96      96      97      99     100
             *

290          KK    C508
291          KM   COMBINE C3060A & R3040
292          HC       2
             *

293          KK  508510
294          KM   ROUTE C3060B TO C3090
295          RS       2    FLOW      -1
296          RC    0.07   0.045    0.07    2800  0.0125
297          RX       0     100     200     205     242     246     346     446
298          RY     100      99      98    96.5    96.5    98.5    99.5   100.5
             *

299          KK    1340
300          KM   SUB-BASIN 1340
301          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
302          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
303          KM     L = 4.00  Kb = .039  Adj. Slope =  115.0
304          BA   1.567
305          LG    .340    .370   5.700    .200   2.000
306          UC    .792    .670
307          UA       0       3       5       8      12      20      43      75      90      96
308          UA     100
             *

309          KK  510511
310          KM   ROUTE SUB 1340 TO C3125
311          RS       5    FLOW      -1
312          RC    0.06   0.040    0.06    9300  0.0199
313          RX       0     100     200     202     235     265     365     465
314          RY     100      99      98    96.0    96.0    98.5    99.5   100.5
             *

315          KK    3125
316          KM   SUB-BASIN 3125
317          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
318          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
319          KM     L = 1.99  Kb = .046  Adj. Slope =  108.0
320          BA    .458
```

```
 321          LG    .350    .370   5.300    .240   1.000
 322          UC    .550    .516
1                                        HEC-1 INPUT                                                          PAGE  9

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 323          UA       0       3       5       8      12      20      43      75      90      96
 324          UA     100
              *

 325          KK    C511
 326          KM   COMBINE SUB 3125 & R1340
 327          HC       2
              *

 328          KK  511512
 329          KM   ROUTE C3125 TO C3130
 330          RS       4    FLOW      -1
 331          RC   0.060   0.045   0.060    7500  0.0193
 332          RX       0     100     200     210     236     246     346     446
 333          RY     100      99      98      97      97      98      99     100
              *

 334          KK    3130
 335          KM   SUB-BASIN 3130
 336          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
 337          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
 338          KM     L = 1.50  Kb = .051  Adj. Slope =   97.0
 339          BA    .211
 340          LG    .340    .340   4.450    .370   2.000
 341          UC    .529    .613
 342          UA       0       3       5       8      12      20      43      75      90      96
 343          UA     100
              *

 344          KK    C512
 345          KM   COMBINE SUB 3130 & R3125
 346          HC       2
              *

 347          KK  512510
 348          KM   ROUTE C3130 TO C3090
 349          RS       5    FLOW      -1
 350          RC   0.055   0.040   0.055    9300  0.0161
 351          RX       0     100     200     207     217     225     325     425
 352          RY     100      99      98      95      95      98      99     100
              *

 353          KK    3090
 354          KM   SUB-BASIN 3090
 355          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
 356          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
 357          KM     L = 1.84  Kb = .046  Adj. Slope =   84.0
 358          BA    .433
 359          LG    .340    .350   5.600    .220   4.000
 360          UC    .575    .525
 361          UA       0       3       5       8      12      20      43      75      90      96
 362          UA     100
              *
1                                        HEC-1 INPUT                                                          PAGE 10

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 363          KK   C510R
 364          KM   COMBINE SUB 3090, R3130 & R3060
 365          HC       3
              *

 366          KK    3070
 367          KM   SUB-BASIN 3070
 368          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
 369          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
 370          KM     L = 2.50  Kb = .049  Adj. Slope =   76.0
 371          BA    .288
 372          LG    .350    .270   8.800    .060    .000
 373          UC    .721   1.089
 374          UA       0       3       5       8      12      20      43      75      90      96
 375          UA     100
              *

 376          KK    3080
 377          KM   SUB-BASIN 3080
 378          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
 379          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
 380          KM     L = 1.95  Kb = .045  Adj. Slope =   67.0
 381          BA    .582
 382          LG    .350    .190  11.200    .020    .000
 383          UC    .579    .469
 384          UA       0       3       5       8      12      20      43      75      90      96
 385          UA     100
              *

 386          KK    C510
 387          KM   COMBINE SUB 3080, SUB 3070 & C3090A
 388          HC       3
              *

 389          KK  510517
 390          KM   ROUTE C3090B TO C3100
 391          RS       5    FLOW      -1
 392          RC    0.05   0.040    0.05    9500  0.0111
 393          RX       0     100     200     245     278     300     400     500
 394          RY     100      99      98    95.5    95.5   100.5   101.5   102.5
              *
              *
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395          KK   3100
396          KM   SUB-BASIN 3100
397          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
398          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
399          KM     L = 2.33  Kb = .045  Adj. Slope =   58.0
400          BA   .571
401          LG   .350    .350   7.000    .120   1.000
402          UC   .767    .746
403          UA     0       3       5       8      12      20      43      75      90      96
404          UA   100
             *
1                                        HEC-1 INPUT                                                    PAGE 11

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

405          KK   C517R
406          KM   COMBINE SUB 3100 & R3090
407          HC     2
             *

408          KK   3120
409          KM   SUB-BASIN 3120
410          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
411          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
412          KM     L = 2.58  Kb = .044  Adj. Slope =   74.0
413          BA   .627
414          LG   .340    .270   8.400    .070   3.000
415          UC   .692    .684
416          UA     0       3       5       8      12      20      43      75      90      96
417          UA   100
             *

418          KK   C517
419          KM   COMBINE SUB 3120 & C3100
420          HC     2
             *

421          KK   C518
422          KO     1                                    21
423          KM   COMBINE C4510A & C3120
424          HC     2
             *

425          KK  518527
426          KM   ROUTE C4510B TO C4520
427          KM   THRU CAVE CREEK WASH
428          RS     5    FLOW      -1
429          RC   0.08   0.045    0.15    9000  0.0067
430          RX     0      50    1000    1030    1080    1082    1200    1300
431          RY   100      94      93      90    89.0     97.     100     102
             *

432          KK   4520
433          KM   SUB-BASIN 4520
434          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
435          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
436          KM     L = 2.16  Kb = .044  Adj. Slope =   28.0
437          BA   .662
438          LG   .350    .330   7.300    .110    .000
439          UC  1.004    .871
440          UA     0       3       5       8      12      20      43      75      90      96
441          UA   100
             *
1                                        HEC-1 INPUT                                                    PAGE 12

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

442          KK   C527R
443          KM   COMBINE SUB 4520 & R4510
444          HC     2
             *

445          KK   3135
446          KM   SUB-BASIN 3135
447          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
448          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
449          KM     L =  .57  Kb = .059  Adj. Slope =   88.0
450          BA   .052
451          LG   .350    .350   4.600    .330    .000
452          UC   .317    .355
453          UA     0       3       5       8      12      20      43      75      90      96
454          UA   100
             *

455          KK  514516
456          KM   ROUTE SUB 3135 TO C3140
457          RS     6    FLOW      -1
458          RC  0.055   0.040   0.055   11600  0.0151
459          RX     0     100     200     207     217     225     325     425
460          RY   100      99      98      95      95      98      99     100
             *

461          KK   3140
462          KM   SUB-BASIN 3140
463          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
464          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
465          KM     L = 2.25  Kb = .044  Adj. Slope =   78.0
466          BA   .440
467          LG   .330    .370   5.700    .200   6.000
468          UC   .667    .721
469          UA     0       3       5       8      12      20      43      75      90      96
470          UA   100
             *
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471          KK    C516
472          KM   COMBINE SUB 3140 & R3135
473          HC       2
             *

474          KK  516527
475          KM   ROUTE C3140 TO C3150A
476          RS       7    FLOW      -1
477          RC   0.055   0.045   0.055   13000  0.0096
478          RX       0     100     200     210     235     244     344     444
479          RY     100      99      98      95      96      98      99     100
             *
1                                        HEC-1 INPUT                                                    PAGE 13

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


480          KK    3150
481          KM   SUB-BASIN 3150
482          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
483          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
484          KM     L = 2.52  Kb = .045  Adj. Slope =   50.0
485          BA    .575
486          LG    .350    .360   6.800    .130    .000
487          UC    .887    .931
488          UA       0       3       5       8      12      20      43      75      90      96
489          UA     100
             *

490          KK   C527L
491          KM   COMBINE SUB 3150 & R3140
492          HC       2
             *
             *

493          KK    C527
494          KM   COMBINE C3150A & C4520
495          HC       2
             *

496          KK  527528
497          KM   ROUTE C3150B TO C4530
498          KM   THRU CAVE CREEK WASH
499          RS       1    FLOW      -1
500          RC    0.08   0.040    0.08    2000  0.0075
             *      0      40     230     270     340     490     620     900
             *    100      95      94      87      88      98      97   100.0
501          RX       0      40     230     270     340     490     620    1087
502          RY     102      95      94      87      88      98      97   102.0
             *

503          KK    3160
504          KM   SUB-BASIN 3160
505          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
506          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
507          KM     L = 1.86  Kb = .047  Adj. Slope =  110.0
508          BA    .414
509          LG    .350    .370   5.400    .220   1.000
510          UC    .521    .487
511          UA       0       3       5       8      12      20      43      75      90      96
512          UA     100
             *

513          KK  513515
514          KM   ROUTE SUB 3160 TO C3170
515          RS       4    FLOW      -1
516          RC   0.055   0.045   0.055    6300  0.0159
517          RX       0     100     200     214     223     227     327     427
518          RY     100      99      98      95      95      98      99     100
             *
1                                        HEC-1 INPUT                                                    PAGE 14

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


519          KK    3170
520          KM   SUB-BASIN 3170
521          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
522          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
523          KM     L = 1.25  Kb = .047  Adj. Slope =   80.0
524          BA    .404
525          LG    .330    .310   4.500    .380   6.000
526          UC    .471    .321
527          UA       0       3       5       8      12      20      43      75      90      96
528          UA     100
             *

529          KK    C515
530          KM   COMBINE SUB 3170 & R3160
531          HC       2
             *

532          KK  515523
533          KM   ROUTE C3170 TO C3180A
534          RS       7    FLOW      -1
535          RC    0.05   0.040    0.05   12200  0.0148
536          RX       0     100     200     207     217     225     325     425
537          RY     100      99      98      96      95      98      99     100
             *

538          KK    3180
539          KM   SUB-BASIN 3180
540          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
541          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
542          KM     L = 2.61  Kb = .044  Adj. Slope =   75.0
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```
543          BA    .426
544          LG    .320     .260   8.000     .080  11.000
545          UC    .692     .861
546          UA      0        3       5        8      12      20      43      75      90      96
547          UA    100
             *

548          KK   C523R
549          KM   COMBINE SUB 3180 & R3170
550          HC       2
             *

551          KK    1360
552          KM   SUB-BASIN 1360
553          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
554          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
555          KM     L = 2.06  Kb = .043  Adj. Slope =  239.0
556          BA    .687
557          LG    .340     .360   5.300     .240   8.000
558          UC    .379     .278
559          UA      0        3       5        8      12      20      43      75      90      96
560          UA    100
             *
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

561          KK    3190
562          KM   SUB-BASIN 3190
563          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
564          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
565          KM     L = 1.88  Kb = .046  Adj. Slope =  225.4
566          BA    .476
567          LG    .350     .370   5.400     .230   2.000
568          UC    .387     .327
569          UA      0        3       5        8      12      20      43      75      90      96
570          UA    100
             *

571          KK    C519
572          KM   COMBINE SUB 3190 & SUB 1360
573          HC       2
             *

574          KK  519520
575          KM   ROUTE C3190 TO C3200
576          RS       6    FLOW      -1
577          RC    0.05   0.040    0.05   10400  0.0188
578          RX       0     100     200     245     278     300     400     500
579          RY     100      99      98    96.5    96.5   100.5   101.5   102.5
             *

580          KK    3200
581          KM   SUB-BASIN 3200
582          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
583          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
584          KM     L = 1.99  Kb = .043  Adj. Slope =   98.0
585          BA    .655
586          LG    .340     .370   6.200     .170   3.000
587          UC    .529     .403
588          UA      0        3       5        8      12      20      43      75      90      96
589          UA    100
             *

590          KK    C520
591          KM   COMBINE SUB 3200 & R3190
592          HC       2
             *

593          KK  520521
594          KM   ROUTE C3200 TO C3210
595          RS       1    FLOW      -1
596          RC    0.05   0.035    0.05    2300  0.0152
597          RX       0     100     200     207     235     246     346     446
598          RY     100      99      98      95      95      98      99     100
             *
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

599          KK    3210
600          KM   SUB-BASIN 3210
601          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
602          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
603          KM     L =  .42  Kb = .055  Adj. Slope =   83.0
604          BA    .103
605          LG    .340     .340   4.150     .440   2.000
606          UC    .254     .148
607          UA      0        3       5        8      12      20      43      75      90      96
608          UA    100
             *

609          KK    C521
610          KM   COMBINE SUB BASIN 3210 & R3200
611          HC       2
             *

612          KK  521532
613          KM   ROUTE C3210 TO C3220A
614          RS       2    FLOW      -1
615          RC    0.05   0.035    0.05    3900  0.0179
616          RX       0     100     200     207     235     246     346     446
617          RY     100      99      98      97      97      98      99     100
             *
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618          KK   3220A
619          KM   SUB-BASIN 3220A
620          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
621          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
622          KM     L =  .97  Kb = .050  Adj. Slope =   88.0
623          BA    .241
624          LG    .340     .340   4.200     .420    2.000
625          UC    .408     .301
626          UA       0        3       5        8       12       20       43       75       90       96
627          UA     100
             *

628          KK   C532I
629          KM   COMBINE SUB 3220A & R3210
630          HC       2
             *

631          KK   C532O
632          KM   ROUTE C3220A T0 C3220B (CULVERT # 5)
633          RS       1    FLOW      -1
634          SV       0 0.00172 0.00689 0.01550 0.02750 0.05170 0.08260 0.09524 0.10579 0.14987
635          SV  .12050 0.12050 0.12050 0.12050
636          SQ       0       36      102      189      290      531      819      819      819      819
637          SQ     877     1017     1213     1732
             *
1                                                   HEC-1 INPUT                                                    PAGE 17

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

638          KK  532523
639          KM   ROUTE S3220A TO C3220B
640          RS       3    FLOW      -1
641          RC    0.05   0.035    0.05   6000.  0.0133
642          RX       0     100     200     207     235     246     346     446
643          RY     100      99      98      97      97      98      99     100
             *

644          KK   3220B
645          KM   SUB-BASIN 3220B
646          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
647          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
648          KM     L = 1.29  Kb = .047  Adj. Slope =  101.0
649          BA    .393
650          LG    .350     .350   3.880     .490     .000
651          UC    .463     .328
652          UA       0        3       5        8       12       20       43       75       90       96
653          UA     100
             *

654          KK   C523L
655          KM   COMBINE SUB 3220B & R3220A
656          HC       2
             *

657          KK    C523
658          KM   COMBINE C3180A & C3220B
659          HC       2
             *

660          KK  523526
661          KM   ROUTE C3180B TO C3230A
662          RS       5    FLOW      -1
663          RC   0.055   0.045   0.055  10100  0.0099
664          RX       0     100     200     210     235     244     344     444
665          RY     100      99      98      96      96      98      99     100
             *

666          KK    3230
667          KM   SUB-BASIN 3230
668          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
669          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
670          KM     L = 1.93  Kb = .048  Adj. Slope =   60.0
671          BA    .357
672          LG    .350     .370   5.200     .240     .000
673          UC    .746     .813
674          UA       0        3       5        8       12       20       43       75       90       96
675          UA     100
             *
1                                                   HEC-1 INPUT                                                    PAGE 18

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

676          KK   C526R
677          KM   COMBINE SUB 3230 & R3180
678          HC       2
             *

679          KK    3240
680          KM   SUB-BASIN 3240
681          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
682          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
683          KM     L =  .74  Kb = .061  Adj. Slope =   74.0
684          BA    .075
685          LG    .320     .310   4.150     .480    4.000
686          UC    .425     .492
687          UA       0        3       5        8       12       20       43       75       90       96
688          UA     100
             *
             *

689          KK  522524
690          KM   ROUTE C3240 TO S3250A
691          RS       2    FLOW      -1
```

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692          RC    0.06   0.040    0.06    3000  0.0183
693          RX       0     100     200     207     224     231     331     431
694          RY     100      99      98      97      97      98      99     100
             *

695          KK   3250A
696          KM   SUB-BASIN 3250A
697          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
698          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
699          KM     L =  .68  Kb = .056  Adj. Slope =   96.0
700          BA    .083
701          LG    .310    .290   4.150    .450   6.000
702          UC    .333    .332
703          UA       0       3       5       8      12      20      43      75      90      96
704          UA     100
             *

705          KK   C524I
706          KM   COMBINE SUB 3250A & R3240
707          HC       2
             *

708          KK   C524O
709          KM   ROUTE C3250A THRU CULVERTS
710          RS       1    FLOW      -1
711          SV       0       0 0.00100 0.00689 0.01550 0.02750 0.08260 0.12050 0.15030
712          SQ       0      15      42      76     117     212     325     325     325
             *
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

713          KK  524525
714          KM   ROUTE S3250A TO C3250B
715          RS       3    FLOW      -1
716          RC    0.06   0.040    0.06    9300  0.0124
717          RX       0     100     200     207     224     231     331     431
718          RY     100      99      98      97      97      98      99     100
             *

719          KK   3250B
720          KM   SUB-BASIN 3250B
721          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
722          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
723          KM     L = 1.80  Kb = .048  Adj. Slope =   67.0
724          BA    .317
725          LG    .350    .350   4.350    .380    .000
726          UC    .712    .782
727          UA       0       3       5       8      12      20      43      75      90      96
728          UA     100
             *

729          KK    C525
730          KM   COMBINE SUB 3250B & R3250A
731          HC       2
             *

732          KK  525526
733          KM   ROUTE C3250B TO C3230B
734          RS       3    FLOW      -1
735          RC    0.06   0.040    0.06    5800  0.0103
736          RX       0     100     200     207     224     231     331     431
737          RY     100      99      98      97      97      98      99     100
             *

738          KK    C526
739          KM   COMBINE R3250B & C3230A
740          KM   TOTAL EAST SIDE CAVE CREEK WASH FLOWS
741          HC       2
             *

742          KK  526528
743          KM   ROUTE C3230B TO C4530
744          KM   THRU CAVE CREEK WASH
745          RS       1    FLOW      -1
746          RC    0.08   0.035    0.06    1100  0.0136
747          RX       0     100     200     210     260     280     300     350
748          RY     100      99      98      97      97      98      99     100
             *

749          KK    4530
750          KM   SUB-BASIN 4530
751          KM   24-HOUR SCS TYPE II RAINFALL WAS USED TO FIND TC & R FOR THIS BASIN
752          KM   THIS BASIN USED RAINFALL REDUCTION FACTOR OF  .916
753          KM     L =  .64  Kb = .059  Adj. Slope =   55.0
754          BA    .055
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

755          LG    .350    .350   3.400    .680    .000
756          UC    .467    .580
757          UA       0       3       5       8      12      20      43      75      90      96
758          UA     100
             *

759          KK   C528R
760          KM   COMBINE SUB 4530 & R3150
761          KM   TOTAL WEST SIDE CAVE CREEK WASH FLOWS
762          HC       2
             *
             *

763          KK    C528
764          KO       1                                 21
```

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          765          KM   COMBINE C4530A & C3230B
          766          KM   TOTAL CAVE CREEK WASH FLOWS TO CAVE CREEK DAM PONDING AREA
          767          HC       2
          768          ZZ
1****************************************                                    ****************************************
*                                      *                                    *                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                                    *    U.S. ARMY CORPS OF ENGINEERS      *
*              JUN   1998              *                                    *    HYDROLOGIC ENGINEERING CENTER     *
*            VERSION 4.1               *                                    *          609 SECOND STREET           *
*                                      *                                    *       DAVIS, CALIFORNIA 95616        *
*  RUN DATE   07MAR01  TIME  15:11:28  *                                    *           (916) 756-1104             *
*                                      *                                    *                                      *
****************************************                                    ****************************************

                        Start Willdan model

  3 IO          OUTPUT CONTROL VARIABLES
                      IPRNT          5  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE

    IT          HYDROGRAPH TIME DATA
                       NMIN          5  MINUTES IN COMPUTATION INTERVAL
                      IDATE      1   0  STARTING DATE
                      ITIME       0000  STARTING TIME
                         NQ        900  NUMBER OF HYDROGRAPH ORDINATES
                     NDDATE      4   0  ENDING DATE
                     NDTIME       0255  ENDING TIME
                      ICENT         19  CENTURY MARK

                 COMPUTATION INTERVAL     .08 HOURS
                      TOTAL TIME BASE   74.92 HOURS

        ENGLISH UNITS
             DRAINAGE AREA          SQUARE MILES
             PRECIPITATION DEPTH    INCHES
             LENGTH, ELEVATION      FEET
             FLOW                   CUBIC FEET PER SECOND
             STORAGE VOLUME         ACRE-FEET
             SURFACE AREA           ACRES
             TEMPERATURE            DEGREES FAHRENHEIT

  5 JD          INDEX STORM NO. 1
                      STRM       3.85  PRECIPITATION DEPTH
                      TRDA        .01  TRANSPOSITION DRAINAGE AREA

  6 PI            PRECIPITATION PATTERN
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                   .01       .01       .01       .01       .01       .01       .01       .01       .03       .03
                   .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
                   .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
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                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00

 16 JD          INDEX STORM NO. 2
                      STRM       3.85  PRECIPITATION DEPTH
                      TRDA       1.00  TRANSPOSITION DRAINAGE AREA

  0 PI            PRECIPITATION PATTERN
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                   .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                   .01       .01       .01       .01       .01       .01       .01       .01       .03       .03
                   .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
                   .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00
17 JD        INDEX STORM NO. 3
                STRM        3.85  PRECIPITATION DEPTH
                TRDA       10.00  TRANSPOSITION DRAINAGE AREA

 0 PI         PRECIPITATION PATTERN
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                .00       .00       .00       .00       .00       .00       .00       .01       .03       .03
                .01       .01       .01       .01       .01       .01       .01       .01       .01       .01
                .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
                .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00
18 JD        INDEX STORM NO. 4
                STRM        3.85  PRECIPITATION DEPTH
                TRDA       20.00  TRANSPOSITION DRAINAGE AREA

 0 PI         PRECIPITATION PATTERN
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                .00       .00       .00       .00       .00       .00       .00       .01       .03       .03
                .01       .01       .01       .01       .01       .01       .01       .01       .01       .01
                .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
                .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .00
19 JD        INDEX STORM NO. 5
                STRM        3.85  PRECIPITATION DEPTH
                TRDA       70.00  TRANSPOSITION DRAINAGE AREA

 0 PI         PRECIPITATION PATTERN
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                .01       .01       .01       .01       .01       .01       .01       .01       .03       .03
                .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
                .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .00

20 JD         INDEX STORM NO. 6
                STRM        3.85  PRECIPITATION DEPTH
                TRDA      130.00  TRANSPOSITION DRAINAGE AREA

 0 PI          PRECIPITATION PATTERN
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                .00       .00       .00       .00       .00       .00       .01       .01       .03       .03
                .01       .01       .01       .01       .01       .01       .01       .01       .01       .01
                .03       .09       .09       .09       .01       .01       .00       .00       .00       .00
                .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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21 JD         INDEX STORM NO. 7
                STRM        3.85  PRECIPITATION DEPTH
                TRDA      200.00  TRANSPOSITION DRAINAGE AREA

 0 PI          PRECIPITATION PATTERN
                .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                .00       .00       .00       .00       .00       .00       .01       .01       .03       .03
                .01       .01       .01       .01       .01       .01       .01       .01       .01       .01
                .03       .09       .09       .09       .01       .01       .00       .00       .00       .00
                .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
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33 BI         READ STATION     C410 HYDROGRAPH FROM UNIT 21

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

              **************
              *            *
421 KK        *     C518   *
              *            *
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422 KO        OUTPUT CONTROL VARIABLES
                IPRNT          1  PRINT CONTROL
                IPLOT          0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE
                IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                 IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                TIMINT      .083  TIME INTERVAL IN HOURS

                     COMBINE C4510A & C3120

424 HC        HYDROGRAPH COMBINATION
                ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT C518
TRANSPOSITION AREA .0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4779.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4596.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4424.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	4264.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	4114.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3972.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3836.	2		1400	457	0.	3		0845	682	0.
1		0035	8	0.	1		1920	233	3707.	2		1405	458	0.	3		0850	683	0.
1		0040	9	0.	1		1925	234	3579.	2		1410	459	0.	3		0855	684	0.
1		0045	10	0.	1		1930	235	3449.	2		1415	460	0.	3		0900	685	0.
1		0050	11	0.	1		1935	236	3317.	2		1420	461	0.	3		0905	686	0.
1		0055	12	0.	1		1940	237	3186.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	3057.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	2930.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	2806.	2		1440	465	0.	3		0925	690	0.
1		0115	16	1.	1		2000	241	2686.	2		1445	466	0.	3		0930	691	0.
1		0120	17	1.	1		2005	242	2571.	2		1450	467	0.	3		0935	692	0.
1		0125	18	1.	1		2010	243	2463.	2		1455	468	0.	3		0940	693	0.
1		0130	19	1.	1		2015	244	2360.	2		1500	469	0.	3		0945	694	0.
1		0135	20	1.	1		2020	245	2258.	2		1505	470	0.	3		0950	695	0.
1		0140	21	1.	1		2025	246	2159.	2		1510	471	0.	3		0955	696	0.
1		0145	22	1.	1		2030	247	2062.	2		1515	472	0.	3		1000	697	0.
1		0150	23	1.	1		2035	248	1970.	2		1520	473	0.	3		1005	698	0.
1		0155	24	1.	1		2040	249	1882.	2		1525	474	0.	3		1010	699	0.
1		0200	25	1.	1		2045	250	1799.	2		1530	475	0.	3		1015	700	0.
1		0205	26	1.	1		2050	251	1722.	2		1535	476	0.	3		1020	701	0.
1		0210	27	1.	1		2055	252	1649.	2		1540	477	0.	3		1025	702	0.
1		0215	28	1.	1		2100	253	1582.	2		1545	478	0.	3		1030	703	0.
1		0220	29	2.	1		2105	254	1520.	2		1550	479	0.	3		1035	704	0.
1		0225	30	2.	1		2110	255	1465.	2		1555	480	0.	3		1040	705	0.
1		0230	31	2.	1		2115	256	1414.	2		1600	481	0.	3		1045	706	0.
1		0235	32	2.	1		2120	257	1365.	2		1605	482	0.	3		1050	707	0.
1		0240	33	2.	1		2125	258	1319.	2		1610	483	0.	3		1055	708	0.
1		0245	34	3.	1		2130	259	1276.	2		1615	484	0.	3		1100	709	0.
1		0250	35	3.	1		2135	260	1235.	2		1620	485	0.	3		1105	710	0.
1		0255	36	3.	1		2140	261	1198.	2		1625	486	0.	3		1110	711	0.
1		0300	37	4.	1		2145	262	1163.	2		1630	487	0.	3		1115	712	0.
1		0305	38	4.	1		2150	263	1129.	2		1635	488	0.	3		1120	713	0.
1		0310	39	4.	1		2155	264	1097.	2		1640	489	0.	3		1125	714	0.
1		0315	40	5.	1		2200	265	1066.	2		1645	490	0.	3		1130	715	0.
1		0320	41	6.	1		2205	266	1035.	2		1650	491	0.	3		1135	716	0.
1		0325	42	6.	1		2210	267	1006.	2		1655	492	0.	3		1140	717	0.
1		0330	43	7.	1		2215	268	978.	2		1700	493	0.	3		1145	718	0.
1		0335	44	8.	1		2220	269	951.	2		1705	494	0.	3		1150	719	0.
1		0340	45	9.	1		2225	270	925.	2		1710	495	0.	3		1155	720	0.
1		0345	46	10.	1		2230	271	901.	2		1715	496	0.	3		1200	721	0.
1		0350	47	11.	1		2235	272	877.	2		1720	497	0.	3		1205	722	0.
1		0355	48	12.	1		2240	273	854.	2		1725	498	0.	3		1210	723	0.
1		0400	49	14.	1		2245	274	832.	2		1730	499	0.	3		1215	724	0.
1		0405	50	15.	1		2250	275	811.	2		1735	500	0.	3		1220	725	0.
1		0410	51	17.	1		2255	276	792.	2		1740	501	0.	3		1225	726	0.
1		0415	52	19.	1		2300	277	774.	2		1745	502	0.	3		1230	727	0.
1		0420	53	21.	1		2305	278	758.	2		1750	503	0.	3		1235	728	0.
1		0425	54	23.	1		2310	279	744.	2		1755	504	0.	3		1240	729	0.
1		0430	55	26.	1		2315	280	732.	2		1800	505	0.	3		1245	730	0.
1		0435	56	29.	1		2320	281	723.	2		1805	506	0.	3		1250	731	0.
1		0440	57	33.	1		2325	282	714.	2		1810	507	0.	3		1255	732	0.
1		0445	58	37.	1		2330	283	703.	2		1815	508	0.	3		1300	733	0.
1		0450	59	42.	1		2335	284	691.	2		1820	509	0.	3		1305	734	0.
1		0455	60	48.	1		2340	285	679.	2		1825	510	0.	3		1310	735	0.
1		0500	61	56.	1		2345	286	667.	2		1830	511	0.	3		1315	736	0.
1		0505	62	67.	1		2350	287	654.	2		1835	512	0.	3		1320	737	0.
1		0510	63	80.	1		2355	288	642.	2		1840	513	0.	3		1325	738	0.
1		0515	64	90.	2		0000	289	630.	2		1845	514	0.	3		1330	739	0.
1		0520	65	99.	2		0005	290	618.	2		1850	515	0.	3		1335	740	0.
1		0525	66	107.	2		0010	291	606.	2		1855	516	0.	3		1340	741	0.
1		0530	67	114.	2		0015	292	595.	2		1900	517	0.	3		1345	742	0.
1		0535	68	120.	2		0020	293	583.	2		1905	518	0.	3		1350	743	0.
1		0540	69	125.	2		0025	294	572.	2		1910	519	0.	3		1355	744	0.
1		0545	70	131.	2		0030	295	561.	2		1915	520	0.	3		1400	745	0.
1		0550	71	136.	2		0035	296	551.	2		1920	521	0.	3		1405	746	0.
1		0555	72	140.	2		0040	297	541.	2		1925	522	0.	3		1410	747	0.
1		0600	73	145.	2		0045	298	531.	2		1930	523	0.	3		1415	748	0.
1		0605	74	150.	2		0050	299	521.	2		1935	524	0.	3		1420	749	0.
1		0610	75	154.	2		0055	300	511.	2		1940	525	0.	3		1425	750	0.
1		0615	76	159.	2		0100	301	502.	2		1945	526	0.	3		1430	751	0.
1		0620	77	164.	2		0105	302	492.	2		1950	527	0.	3		1435	752	0.
1		0625	78	168.	2		0110	303	483.	2		1955	528	0.	3		1440	753	0.
1		0630	79	173.	2		0115	304	474.	2		2000	529	0.	3		1445	754	0.
1		0635	80	178.	2		0120	305	465.	2		2005	530	0.	3		1450	755	0.
1		0640	81	182.	2		0125	306	456.	2		2010	531	0.	3		1455	756	0.
1		0645	82	187.	2		0130	307	447.	2		2015	532	0.	3		1500	757	0.
1		0650	83	192.	2		0135	308	439.	2		2020	533	0.	3		1505	758	0.
1		0655	84	197.	2		0140	309	430.	2		2025	534	0.	3		1510	759	0.
1		0700	85	203.	2		0145	310	421.	2		2030	535	0.	3		1515	760	0.
1		0705	86	208.	2		0150	311	412.	2		2035	536	0.	3		1520	761	0.
1		0710	87	213.	2		0155	312	403.	2		2040	537	0.	3		1525	762	0.
1		0715	88	219.	2		0200	313	394.	2		2045	538	0.	3		1530	763	0.
1		0720	89	224.	2		0205	314	385.	2		2050	539	0.	3		1535	764	0.
1		0725	90	230.	2		0210	315	375.	2		2055	540	0.	3		1540	765	0.
1		0730	91	235.	2		0215	316	366.	2		2100	541	0.	3		1545	766	0.
1		0735	92	240.	2		0220	317	356.	2		2105	542	0.	3		1550	767	0.
1		0740	93	246.	2		0225	318	347.	2		2110	543	0.	3		1555	768	0.
1		0745	94	251.	2		0230	319	337.	2		2115	544	0.	3		1600	769	0.

1	0750	95	256.	*	2	0235	320	328.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	261.	*	2	0240	321	319.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	266.	*	2	0245	322	311.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	272.	*	2	0250	323	304.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	277.	*	2	0255	324	298.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	283.	*	2	0300	325	293.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	290.	*	2	0305	326	287.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	298.	*	2	0310	327	281.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	308.	*	2	0315	328	274.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	317.	*	2	0320	329	267.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	325.	*	2	0325	330	260.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	332.	*	2	0330	331	253.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	340.	*	2	0335	332	245.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	347.	*	2	0340	333	238.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	354.	*	2	0345	334	230.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	361.	*	2	0350	335	223.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	368.	*	2	0355	336	215.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	376.	*	2	0400	337	208.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	383.	*	2	0405	338	201.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	391.	*	2	0410	339	194.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	398.	*	2	0415	340	187.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	406.	*	2	0420	341	181.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	415.	*	2	0425	342	174.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	423.	*	2	0430	343	168.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	431.	*	2	0435	344	161.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	440.	*	2	0440	345	155.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	449.	*	2	0445	346	149.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	458.	*	2	0450	347	143.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	467.	*	2	0455	348	137.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	477.	*	2	0500	349	131.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	486.	*	2	0505	350	126.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	496.	*	2	0510	351	120.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	506.	*	2	0515	352	115.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	516.	*	2	0520	353	110.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	526.	*	2	0525	354	105.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	537.	*	2	0530	355	100.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	548.	*	2	0535	356	95.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	559.	*	2	0540	357	91.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	570.	*	2	0545	358	86.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	581.	*	2	0550	359	82.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	594.	*	2	0555	360	78.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	606.	*	2	0600	361	75.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	620.	*	2	0605	362	72.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	635.	*	2	0610	363	69.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	652.	*	2	0615	364	66.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	677.	*	2	0620	365	64.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	713.	*	2	0625	366	62.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	760.	*	2	0630	367	61.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	833.	*	2	0635	368	60.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	953.	*	2	0640	369	59.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1141.	*	2	0645	370	58.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1407.	*	2	0650	371	57.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1784.	*	2	0655	372	56.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2337.	*	2	0700	373	55.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	3136.	*	2	0705	374	54.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	4195.	*	2	0710	375	53.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	5418.	*	2	0715	376	51.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	6735.	*	2	0720	377	50.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	8229.	*	2	0725	378	49.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	10166.	*	2	0730	379	47.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	12770.	*	2	0735	380	46.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	16210.	*	2	0740	381	44.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	20472.	*	2	0745	382	42.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	25331.	*	2	0750	383	41.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	30446.	*	2	0755	384	39.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35292.	*	2	0800	385	37.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	39596.	*	2	0805	386	36.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	43180.	*	2	0810	387	34.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	45934.	*	2	0815	388	32.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	47757.	*	2	0820	389	30.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	48828.	*	2	0825	390	29.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	49373.	*	2	0830	391	27.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	49551.	*	2	0835	392	26.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	49457.	*	2	0840	393	24.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	49140.	*	2	0845	394	23.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	48636.	*	2	0850	395	21.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	47978.	*	2	0855	396	20.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	47211.	*	2	0900	397	18.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	46386.	*	2	0905	398	17.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	45532.	*	2	0910	399	16.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	44644.	*	2	0915	400	15.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	43690.	*	2	0920	401	14.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	42661.	*	2	0925	402	12.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	41532.	*	2	0930	403	11.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	40288.	*	2	0935	404	11.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	38961.	*	2	0940	405	10.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	37557.	*	2	0945	406	9.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	36081.	*	2	0950	407	8.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	34523.	*	2	0955	408	7.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	32887.	*	2	1000	409	7.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	31266.	*	2	1005	410	6.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	29723.	*	2	1010	411	5.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	28233.	*	2	1015	412	5.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	26819.	*	2	1020	413	4.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	25502.	*	2	1025	414	4.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	24267.	*	2	1030	415	4.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	23091.	*	2	1035	416	3.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	21992.	*	2	1040	417	3.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	20988.	*	2	1045	418	3.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	20013.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	19079.	*	2	1055	420	2.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	18201.	*	2	1100	421	2.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	17389.	*	2	1105	422	2.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	16600.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	15832.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	15088.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.

1	1640	201	14381.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	13695.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	13034.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	12412.	*	2	1140	429	1.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	11839.	*	2	1145	430	1.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	11306.	*	2	1150	431	1.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	10787.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	10287.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	9811.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	9370.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	8967.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	8581.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	8216.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7872.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	7548.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	7243.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6958.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	6676.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	6397.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	6126.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5865.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5618.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5388.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	5176.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4974.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 49551.	13.83	(CFS)	24715.	6862.	2291.	2202.
		(INCHES)	1.688	1.875	1.878	1.878
		(AC-FT)	12256.	13611.	13634.	13634.

CUMULATIVE AREA = 136.12 SQ MI

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HYDROGRAPH AT CS18
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4771.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4588.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4417.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	4257.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	4107.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3965.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3830.	2		1400	457	0.	3		0845	682	0.
1		0035	8	0.	1		1920	233	3701.	2		1405	458	0.	3		0850	683	0.
1		0040	9	0.	1		1925	234	3573.	2		1410	459	0.	3		0855	684	0.
1		0045	10	0.	1		1930	235	3443.	2		1415	460	0.	3		0900	685	0.
1		0050	11	0.	1		1935	236	3311.	2		1420	461	0.	3		0905	686	0.
1		0055	12	0.	1		1940	237	3180.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	3051.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	2924.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	2800.	2		1440	465	0.	3		0925	690	0.
1		0115	16	1.	1		2000	241	2681.	2		1445	466	0.	3		0930	691	0.
1		0120	17	1.	1		2005	242	2566.	2		1450	467	0.	3		0935	692	0.
1		0125	18	1.	1		2010	243	2458.	2		1455	468	0.	3		0940	693	0.
1		0130	19	1.	1		2015	244	2355.	2		1500	469	0.	3		0945	694	0.
1		0135	20	1.	1		2020	245	2253.	2		1505	470	0.	3		0950	695	0.
1		0140	21	1.	1		2025	246	2154.	2		1510	471	0.	3		0955	696	0.
1		0145	22	1.	1		2030	247	2058.	2		1515	472	0.	3		1000	697	0.
1		0150	23	1.	1		2035	248	1965.	2		1520	473	0.	3		1005	698	0.
1		0155	24	1.	1		2040	249	1878.	2		1525	474	0.	3		1010	699	0.
1		0200	25	1.	1		2045	250	1795.	2		1530	475	0.	3		1015	700	0.
1		0205	26	1.	1		2050	251	1718.	2		1535	476	0.	3		1020	701	0.
1		0210	27	1.	1		2055	252	1645.	2		1540	477	0.	3		1025	702	0.
1		0215	28	1.	1		2100	253	1578.	2		1545	478	0.	3		1030	703	0.
1		0220	29	2.	1		2105	254	1517.	2		1550	479	0.	3		1035	704	0.
1		0225	30	2.	1		2110	255	1462.	2		1555	480	0.	3		1040	705	0.
1		0230	31	2.	1		2115	256	1411.	2		1600	481	0.	3		1045	706	0.
1		0235	32	2.	1		2120	257	1362.	2		1605	482	0.	3		1050	707	0.
1		0240	33	2.	1		2125	258	1316.	2		1610	483	0.	3		1055	708	0.
1		0245	34	3.	1		2130	259	1273.	2		1615	484	0.	3		1100	709	0.
1		0250	35	3.	1		2135	260	1233.	2		1620	485	0.	3		1105	710	0.
1		0255	36	3.	1		2140	261	1196.	2		1625	486	0.	3		1110	711	0.
1		0300	37	4.	1		2145	262	1161.	2		1630	487	0.	3		1115	712	0.
1		0305	38	4.	1		2150	263	1127.	2		1635	488	0.	3		1120	713	0.
1		0310	39	4.	1		2155	264	1095.	2		1640	489	0.	3		1125	714	0.
1		0315	40	5.	1		2200	265	1064.	2		1645	490	0.	3		1130	715	0.
1		0320	41	6.	1		2205	266	1034.	2		1650	491	0.	3		1135	716	0.
1		0325	42	6.	1		2210	267	1005.	2		1655	492	0.	3		1140	717	0.
1		0330	43	7.	1		2215	268	977.	2		1700	493	0.	3		1145	718	0.
1		0335	44	8.	1		2220	269	950.	2		1705	494	0.	3		1150	719	0.
1		0340	45	9.	1		2225	270	924.	2		1710	495	0.	3		1155	720	0.
1		0345	46	10.	1		2230	271	899.	2		1715	496	0.	3		1200	721	0.
1		0350	47	11.	1		2235	272	875.	2		1720	497	0.	3		1205	722	0.
1		0355	48	12.	1		2240	273	852.	2		1725	498	0.	3		1210	723	0.
1		0400	49	14.	1		2245	274	830.	2		1730	499	0.	3		1215	724	0.
1		0405	50	15.	1		2250	275	810.	2		1735	500	0.	3		1220	725	0.
1		0410	51	17.	1		2255	276	790.	2		1740	501	0.	3		1225	726	0.
1		0415	52	19.	1		2300	277	772.	2		1745	502	0.	3		1230	727	0.
1		0420	53	21.	1		2305	278	756.	2		1750	503	0.	3		1235	728	0.
1		0425	54	23.	1		2310	279	743.	2		1755	504	0.	3		1240	729	0.
1		0430	55	26.	1		2315	280	732.	2		1800	505	0.	3		1245	730	0.
1		0435	56	29.	1		2320	281	723.	2		1805	506	0.	3		1250	731	0.
1		0440	57	32.	1		2325	282	713.	2		1810	507	0.	3		1255	732	0.
1		0445	58	37.	1		2330	283	702.	2		1815	508	0.	3		1300	733	0.

1	0450	59	42.	*	1	2335	284	690.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	48.	*	1	2340	285	678.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	55.	*	1	2345	286	666.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	66.	*	1	2350	287	653.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	79.	*	1	2355	288	641.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	90.	*	2	0000	289	629.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	99.	*	2	0005	290	617.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	106.	*	2	0010	291	605.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	113.	*	2	0015	292	593.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	119.	*	2	0020	293	582.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	125.	*	2	0025	294	571.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	130.	*	2	0030	295	560.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	135.	*	2	0035	296	550.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	140.	*	2	0040	297	540.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	145.	*	2	0045	298	529.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	149.	*	2	0050	299	520.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	154.	*	2	0055	300	510.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	159.	*	2	0100	301	501.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	163.	*	2	0105	302	491.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	168.	*	2	0110	303	482.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	172.	*	2	0115	304	473.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	177.	*	2	0120	305	464.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	182.	*	2	0125	306	455.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	187.	*	2	0130	307	446.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	192.	*	2	0135	308	438.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	197.	*	2	0140	309	429.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	202.	*	2	0145	310	420.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	207.	*	2	0150	311	411.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	213.	*	2	0155	312	402.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	218.	*	2	0200	313	393.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	223.	*	2	0205	314	384.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	229.	*	2	0210	315	375.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	234.	*	2	0215	316	365.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	240.	*	2	0220	317	356.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	245.	*	2	0225	318	346.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	250.	*	2	0230	319	337.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	255.	*	2	0235	320	328.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	260.	*	2	0240	321	319.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	265.	*	2	0245	322	311.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	271.	*	2	0250	323	304.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	276.	*	2	0255	324	297.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	282.	*	2	0300	325	292.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	289.	*	2	0305	326	287.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	296.	*	2	0310	327	281.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	306.	*	2	0315	328	274.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	315.	*	2	0320	329	267.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	324.	*	2	0325	330	260.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	331.	*	2	0330	331	252.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	339.	*	2	0335	332	245.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	346.	*	2	0340	333	237.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	353.	*	2	0345	334	230.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	360.	*	2	0350	335	222.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	367.	*	2	0355	336	215.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	374.	*	2	0400	337	208.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	382.	*	2	0405	338	201.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	390.	*	2	0410	339	194.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	397.	*	2	0415	340	187.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	405.	*	2	0420	341	180.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	413.	*	2	0425	342	174.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	422.	*	2	0430	343	167.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	430.	*	2	0435	344	161.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	439.	*	2	0440	345	155.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	448.	*	2	0445	346	149.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	457.	*	2	0450	347	143.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	466.	*	2	0455	348	137.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	475.	*	2	0500	349	131.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	485.	*	2	0505	350	126.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	495.	*	2	0510	351	120.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	504.	*	2	0515	352	115.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	515.	*	2	0520	353	110.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	525.	*	2	0525	354	105.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	535.	*	2	0530	355	100.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	546.	*	2	0535	356	95.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	557.	*	2	0540	357	90.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	568.	*	2	0545	358	86.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	580.	*	2	0550	359	82.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	592.	*	2	0555	360	78.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	605.	*	2	0600	361	75.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	618.	*	2	0605	362	71.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	634.	*	2	0610	363	69.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	651.	*	2	0615	364	66.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	675.	*	2	0620	365	64.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	711.	*	2	0625	366	62.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	758.	*	2	0630	367	61.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	831.	*	2	0635	368	60.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	949.	*	2	0640	369	59.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1138.	*	2	0645	370	58.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1404.	*	2	0650	371	57.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1781.	*	2	0655	372	56.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2333.	*	2	0700	373	55.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	3131.	*	2	0705	374	54.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	4188.	*	2	0710	375	53.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	5408.	*	2	0715	376	51.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	6721.	*	2	0720	377	50.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	8208.	*	2	0725	378	49.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	10135.	*	2	0730	379	47.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	12726.	*	2	0735	380	45.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	16148.	*	2	0740	381	44.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	20391.	*	2	0745	382	42.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	25226.	*	2	0750	383	41.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	30320.	*	2	0755	384	39.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35142.	*	2	0800	385	37.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	39422.	*	2	0805	386	35.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	42993.	*	2	0810	387	34.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	45742.	*	2	0815	388	32.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	47577.	*	2	0820	389	30.	*	3	0305	614	0.	*	3	2150	839	0.

1	1340	165	48654.	*	2	0825	390	29.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	49204.	*	2	0830	391	27.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	49386.	*	2	0835	392	26.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	49295.	*	2	0840	393	24.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	48980.	*	2	0845	394	22.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	48478.	*	2	0850	395	21.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	47825.	*	2	0855	396	20.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	47068.	*	2	0900	397	18.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	46258.	*	2	0905	398	17.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	45419.	*	2	0910	399	16.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	44538.	*	2	0915	400	15.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	43589.	*	2	0920	401	13.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	42562.	*	2	0925	402	12.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	41430.	*	2	0930	403	11.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	40187.	*	2	0935	404	10.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	38863.	*	2	0940	405	10.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	37463.	*	2	0945	406	9.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	35991.	*	2	0950	407	8.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	34434.	*	2	0955	408	7.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	32801.	*	2	1000	409	7.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	31188.	*	2	1005	410	6.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	29652.	*	2	1010	411	5.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	28167.	*	2	1015	412	5.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	26760.	*	2	1020	413	4.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	25449.	*	2	1025	414	4.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	24217.	*	2	1030	415	4.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	23045.	*	2	1035	416	3.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	21951.	*	2	1040	417	3.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	20949.	*	2	1045	418	3.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	19976.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	19044.	*	2	1055	420	2.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	18168.	*	2	1100	421	2.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	17359.	*	2	1105	422	2.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	16570.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	15803.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	15060.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	14354.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	13669.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	13008.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	12388.	*	2	1140	429	1.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	11818.	*	2	1145	430	1.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	11286.	*	2	1150	431	1.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	10768.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	10268.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	9793.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	9354.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	8951.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	8565.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	8201.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7858.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	7535.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	7231.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6946.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	6664.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	6386.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	6115.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5854.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5608.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5378.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	5168.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4965.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 49386.	13.83	(CFS)	24646.	6844.	2285.	2196.
		(INCHES)	1.683	1.870	1.873	1.873
		(AC-FT)	12221.	13574.	13597.	13597.

CUMULATIVE AREA = 136.12 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4530.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4362.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4205.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	4056.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3915.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3781.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3653.	2		1400	457	0.	3		0845	682	0.
1		0035	8	0.	1		1920	233	3522.	2		1405	458	0.	3		0850	683	0.
1		0040	9	0.	1		1925	234	3390.	2		1410	459	0.	3		0855	684	0.
1		0045	10	0.	1		1930	235	3257.	2		1415	460	0.	3		0900	685	0.
1		0050	11	0.	1		1935	236	3126.	2		1420	461	0.	3		0905	686	0.
1		0055	12	0.	1		1940	237	2997.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	2871.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	2748.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	2630.	2		1440	465	0.	3		0925	690	0.
1		0115	16	1.	1		2000	241	2517.	2		1445	466	0.	3		0930	691	0.
1		0120	17	1.	1		2005	242	2412.	2		1450	467	0.	3		0935	692	0.
1		0125	18	1.	1		2010	243	2309.	2		1455	468	0.	3		0940	693	0.
1		0130	19	1.	1		2015	244	2208.	2		1500	469	0.	3		0945	694	0.
1		0135	20	1.	1		2020	245	2109.	2		1505	470	0.	3		0950	695	0.
1		0140	21	1.	1		2025	246	2013.	2		1510	471	0.	3		0955	696	0.
1		0145	22	1.	1		2030	247	1922.	2		1515	472	0.	3		1000	697	0.

1	0150	23	1.	*	1	2035	248	1836.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	1.	*	1	2040	249	1755.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	1.	*	1	2045	250	1679.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	1.	*	1	2050	251	1608.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	1.	*	1	2055	252	1543.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	1.	*	1	2100	253	1484.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	1.	*	1	2105	254	1431.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	2.	*	1	2110	255	1380.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	2.	*	1	2115	256	1331.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	2.	*	1	2120	257	1286.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	2.	*	1	2125	258	1244.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	2.	*	1	2130	259	1205.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	3.	*	1	2135	260	1167.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	3.	*	1	2140	261	1132.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	3.	*	1	2145	262	1098.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	4.	*	1	2150	263	1066.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	4.	*	1	2155	264	1034.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	5.	*	1	2200	265	1004.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	5.	*	1	2205	266	975.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	6.	*	1	2210	267	947.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	6.	*	1	2215	268	920.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	7.	*	1	2220	269	894.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	8.	*	1	2225	270	869.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	9.	*	1	2230	271	846.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	10.	*	1	2235	272	823.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	11.	*	1	2240	273	802.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	12.	*	1	2245	274	782.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	14.	*	1	2250	275	765.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	15.	*	1	2255	276	749.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	17.	*	1	2300	277	736.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	18.	*	1	2305	278	726.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	20.	*	1	2310	279	716.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	22.	*	1	2315	280	705.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	25.	*	1	2320	281	693.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	27.	*	1	2325	282	681.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	30.	*	1	2330	283	668.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	34.	*	1	2335	284	656.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	38.	*	1	2340	285	643.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	43.	*	1	2345	286	630.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	49.	*	1	2350	287	618.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	56.	*	1	2355	288	606.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	66.	*	2	0000	289	594.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	79.	*	2	0005	290	582.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	89.	*	2	0010	291	571.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	97.	*	2	0015	292	559.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	104.	*	2	0020	293	549.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	110.	*	2	0025	294	538.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	116.	*	2	0030	295	528.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	121.	*	2	0035	296	518.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	126.	*	2	0040	297	508.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	131.	*	2	0045	298	498.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	135.	*	2	0050	299	489.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	139.	*	2	0055	300	480.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	144.	*	2	0100	301	471.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	148.	*	2	0105	302	462.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	152.	*	2	0110	303	453.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	156.	*	2	0115	304	445.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	160.	*	2	0120	305	436.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	165.	*	2	0125	306	428.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	169.	*	2	0130	307	419.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	173.	*	2	0135	308	411.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	177.	*	2	0140	309	403.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	182.	*	2	0145	310	394.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	186.	*	2	0150	311	386.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	190.	*	2	0155	312	378.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	195.	*	2	0200	313	369.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	200.	*	2	0205	314	360.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	205.	*	2	0210	315	352.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	210.	*	2	0215	316	343.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	215.	*	2	0220	317	334.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	220.	*	2	0225	318	326.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	225.	*	2	0230	319	318.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	230.	*	2	0235	320	310.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	235.	*	2	0240	321	303.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	240.	*	2	0245	322	297.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	245.	*	2	0250	323	293.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	250.	*	2	0255	324	288.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	255.	*	2	0300	325	282.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	261.	*	2	0305	326	275.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	266.	*	2	0310	327	269.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	271.	*	2	0315	328	261.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	277.	*	2	0320	329	254.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	283.	*	2	0325	330	247.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	290.	*	2	0330	331	239.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	298.	*	2	0335	332	232.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	308.	*	2	0340	333	224.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	318.	*	2	0345	334	217.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	326.	*	2	0350	335	210.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	335.	*	2	0355	336	203.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	342.	*	2	0400	337	196.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	350.	*	2	0405	338	189.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	358.	*	2	0410	339	182.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	365.	*	2	0415	340	176.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	373.	*	2	0420	341	169.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	381.	*	2	0425	342	163.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	388.	*	2	0430	343	157.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	396.	*	2	0435	344	150.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	405.	*	2	0440	345	144.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	413.	*	2	0445	346	138.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	421.	*	2	0450	347	133.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	430.	*	2	0455	348	127.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	439.	*	2	0500	349	121.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	448.	*	2	0505	350	116.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	457.	*	2	0510	351	111.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	466.	*	2	0515	352	106.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	476.	*	2	0520	353	101.	*	3	0005	578	0.	*	3	1850	803	0.

1	1040	129	486.	*	2	0525	354	96.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	496.	*	2	0530	355	91.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	506.	*	2	0535	356	87.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	516.	*	2	0540	357	82.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	527.	*	2	0545	358	79.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	538.	*	2	0550	359	75.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	549.	*	2	0555	360	72.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	561.	*	2	0600	361	69.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	574.	*	2	0605	362	66.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	589.	*	2	0610	363	64.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	605.	*	2	0615	364	62.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	629.	*	2	0620	365	61.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	663.	*	2	0625	366	60.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	707.	*	2	0630	367	59.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	772.	*	2	0635	368	58.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	877.	*	2	0640	369	57.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1046.	*	2	0645	370	56.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1304.	*	2	0650	371	55.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1677.	*	2	0655	372	54.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2215.	*	2	0700	373	53.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2984.	*	2	0705	374	52.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	3989.	*	2	0710	375	50.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	5144.	*	2	0715	376	49.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	6338.	*	2	0720	377	47.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	7647.	*	2	0725	378	46.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	9304.	*	2	0730	379	44.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	11524.	*	2	0735	380	42.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	14468.	*	2	0740	381	41.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	18162.	*	2	0745	382	39.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	22474.	*	2	0750	383	37.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	27039.	*	2	0755	384	36.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	31387.	*	2	0800	385	34.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35135.	*	2	0805	386	32.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	38149.	*	2	0810	387	30.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	40459.	*	2	0815	388	29.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	42110.	*	2	0820	389	27.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	43250.	*	2	0825	390	26.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	44004.	*	2	0830	391	24.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	44434.	*	2	0835	392	23.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	44590.	*	2	0840	393	21.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	44532.	*	2	0845	394	20.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	44294.	*	2	0850	395	18.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	43900.	*	2	0855	396	17.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	43381.	*	2	0900	397	16.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	42739.	*	2	0905	398	15.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	41980.	*	2	0910	399	13.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	41134.	*	2	0915	400	12.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	40227.	*	2	0920	401	11.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	39265.	*	2	0925	402	10.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	38236.	*	2	0930	403	10.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	37121.	*	2	0935	404	9.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	35902.	*	2	0940	405	8.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	34555.	*	2	0945	406	7.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	33129.	*	2	0950	407	7.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	31688.	*	2	0955	408	6.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	30272.	*	2	1000	409	5.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	28879.	*	2	1005	410	5.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	27523.	*	2	1010	411	4.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	26233.	*	2	1015	412	4.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	25029.	*	2	1020	413	4.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	23856.	*	2	1025	414	3.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	22743.	*	2	1030	415	3.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	21707.	*	2	1035	416	3.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	20734.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	19778.	*	2	1045	418	2.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	18861.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	18009.	*	2	1055	420	2.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	17211.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	16430.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	15669.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	14932.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	14233.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	13548.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	12894.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	12284.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	11723.	*	2	1140	429	1.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	11194.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	10677.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	10180.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	9709.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	9274.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8871.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	8486.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	8122.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7778.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7455.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	7153.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6867.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6583.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	6305.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	6035.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5777.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5534.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5310.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5103.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4902.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4710.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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	PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+	(CFS)	(HR)	(CFS)				
+	44590.	13.92		22660.	6307.	2106.	2024.
			(INCHES)	1.548	1.723	1.726	1.726

(AC-FT) 11236. 12509. 12530. 12530.

CUMULATIVE AREA = 136.12 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4405.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4245.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4094.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	3951.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3814.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3684.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3554.	2		1400	457	0.	3		0845	682	0.
1		0035	8	0.	1		1920	233	3421.	2		1405	458	0.	3		0850	683	0.
1		0040	9	0.	1		1925	234	3288.	2		1410	459	0.	3		0855	684	0.
1		0045	10	0.	1		1930	235	3156.	2		1415	460	0.	3		0900	685	0.
1		0050	11	0.	1		1935	236	3026.	2		1420	461	0.	3		0905	686	0.
1		0055	12	0.	1		1940	237	2899.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	2775.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	2655.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	2541.	2		1440	465	0.	3		0925	690	0.
1		0115	16	1.	1		2000	241	2434.	2		1445	466	0.	3		0930	691	0.
1		0120	17	1.	1		2005	242	2330.	2		1450	467	0.	3		0935	692	0.
1		0125	18	1.	1		2010	243	2228.	2		1455	468	0.	3		0940	693	0.
1		0130	19	1.	1		2015	244	2128.	2		1500	469	0.	3		0945	694	0.
1		0135	20	1.	1		2020	245	2031.	2		1505	470	0.	3		0950	695	0.
1		0140	21	1.	1		2025	246	1939.	2		1510	471	0.	3		0955	696	0.
1		0145	22	1.	1		2030	247	1852.	2		1515	472	0.	3		1000	697	0.
1		0150	23	1.	1		2035	248	1769.	2		1520	473	0.	3		1005	698	0.
1		0155	24	1.	1		2040	249	1691.	2		1525	474	0.	3		1010	699	0.
1		0200	25	1.	1		2045	250	1619.	2		1530	475	0.	3		1015	700	0.
1		0205	26	1.	1		2050	251	1552.	2		1535	476	0.	3		1020	701	0.
1		0210	27	1.	1		2055	252	1491.	2		1540	477	0.	3		1025	702	0.
1		0215	28	1.	1		2100	253	1437.	2		1545	478	0.	3		1030	703	0.
1		0220	29	1.	1		2105	254	1385.	2		1550	479	0.	3		1035	704	0.
1		0225	30	2.	1		2110	255	1336.	2		1555	480	0.	3		1040	705	0.
1		0230	31	2.	1		2115	256	1290.	2		1600	481	0.	3		1045	706	0.
1		0235	32	2.	1		2120	257	1247.	2		1605	482	0.	3		1050	707	0.
1		0240	33	2.	1		2125	258	1207.	2		1610	483	0.	3		1055	708	0.
1		0245	34	2.	1		2130	259	1169.	2		1615	484	0.	3		1100	709	0.
1		0250	35	3.	1		2135	260	1133.	2		1620	485	0.	3		1105	710	0.
1		0255	36	3.	1		2140	261	1098.	2		1625	486	0.	3		1110	711	0.
1		0300	37	3.	1		2145	262	1065.	2		1630	487	0.	3		1115	712	0.
1		0305	38	4.	1		2150	263	1033.	2		1635	488	0.	3		1120	713	0.
1		0310	39	4.	1		2155	264	1002.	2		1640	489	0.	3		1125	714	0.
1		0315	40	4.	1		2200	265	972.	2		1645	490	0.	3		1130	715	0.
1		0320	41	5.	1		2205	266	943.	2		1650	491	0.	3		1135	716	0.
1		0325	42	5.	1		2210	267	916.	2		1655	492	0.	3		1140	717	0.
1		0330	43	6.	1		2215	268	890.	2		1700	493	0.	3		1145	718	0.
1		0335	44	7.	1		2220	269	865.	2		1705	494	0.	3		1150	719	0.
1		0340	45	8.	1		2225	270	841.	2		1710	495	0.	3		1155	720	0.
1		0345	46	8.	1		2230	271	818.	2		1715	496	0.	3		1200	721	0.
1		0350	47	9.	1		2235	272	797.	2		1720	497	0.	3		1205	722	0.
1		0355	48	10.	1		2240	273	777.	2		1725	498	0.	3		1210	723	0.
1		0400	49	11.	1		2245	274	760.	2		1730	499	0.	3		1215	724	0.
1		0405	50	13.	1		2250	275	745.	2		1735	500	0.	3		1220	725	0.
1		0410	51	14.	1		2255	276	733.	2		1740	501	0.	3		1225	726	0.
1		0415	52	16.	1		2300	277	723.	2		1745	502	0.	3		1230	727	0.
1		0420	53	17.	1		2305	278	712.	2		1750	503	0.	3		1235	728	0.
1		0425	54	19.	1		2310	279	700.	2		1755	504	0.	3		1240	729	0.
1		0430	55	21.	1		2315	280	688.	2		1800	505	0.	3		1245	730	0.
1		0435	56	23.	1		2320	281	675.	2		1805	506	0.	3		1250	731	0.
1		0440	57	25.	1		2325	282	662.	2		1810	507	0.	3		1255	732	0.
1		0445	58	28.	1		2330	283	649.	2		1815	508	0.	3		1300	733	0.
1		0450	59	31.	1		2335	284	636.	2		1820	509	0.	3		1305	734	0.
1		0455	60	34.	1		2340	285	623.	2		1825	510	0.	3		1310	735	0.
1		0500	61	38.	1		2345	286	611.	2		1830	511	0.	3		1315	736	0.
1		0505	62	43.	1		2350	287	598.	2		1835	512	0.	3		1320	737	0.
1		0510	63	49.	1		2355	288	586.	2		1840	513	0.	3		1325	738	0.
1		0515	64	56.	2		0000	289	575.	2		1845	514	0.	3		1330	739	0.
1		0520	65	65.	2		0005	290	563.	2		1850	515	0.	3		1335	740	0.
1		0525	66	77.	2		0010	291	552.	2		1855	516	0.	3		1340	741	0.
1		0530	67	87.	2		0015	292	541.	2		1900	517	0.	3		1345	742	0.
1		0535	68	95.	2		0020	293	531.	2		1905	518	0.	3		1350	743	0.
1		0540	69	102.	2		0025	294	520.	2		1910	519	0.	3		1355	744	0.
1		0545	70	108.	2		0030	295	510.	2		1915	520	0.	3		1400	745	0.
1		0550	71	113.	2		0035	296	501.	2		1920	521	0.	3		1405	746	0.
1		0555	72	118.	2		0040	297	491.	2		1925	522	0.	3		1410	747	0.
1		0600	73	123.	2		0045	298	482.	2		1930	523	0.	3		1415	748	0.
1		0605	74	128.	2		0050	299	473.	2		1935	524	0.	3		1420	749	0.
1		0610	75	132.	2		0055	300	464.	2		1940	525	0.	3		1425	750	0.
1		0615	76	136.	2		0100	301	455.	2		1945	526	0.	3		1430	751	0.
1		0620	77	140.	2		0105	302	446.	2		1950	527	0.	3		1435	752	0.
1		0625	78	144.	2		0110	303	438.	2		1955	528	0.	3		1440	753	0.
1		0630	79	148.	2		0115	304	430.	2		2000	529	0.	3		1445	754	0.
1		0635	80	152.	2		0120	305	421.	2		2005	530	0.	3		1450	755	0.
1		0640	81	156.	2		0125	306	413.	2		2010	531	0.	3		1455	756	0.
1		0645	82	160.	2		0130	307	405.	2		2015	532	0.	3		1500	757	0.
1		0650	83	164.	2		0135	308	397.	2		2020	533	0.	3		1505	758	0.
1		0655	84	168.	2		0140	309	389.	2		2025	534	0.	3		1510	759	0.
1		0700	85	172.	2		0145	310	381.	2		2030	535	0.	3		1515	760	0.
1		0705	86	176.	2		0150	311	373.	2		2035	536	0.	3		1520	761	0.
1		0710	87	180.	2		0155	312	365.	2		2040	537	0.	3		1525	762	0.
1		0715	88	184.	2		0200	313	357.	2		2045	538	0.	3		1530	763	0.
1		0720	89	189.	2		0205	314	348.	2		2050	539	0.	3		1535	764	0.
1		0725	90	193.	2		0210	315	340.	2		2055	540	0.	3		1540	765	0.
1		0730	91	197.	2		0215	316	332.	2		2100	541	0.	3		1545	766	0.
1		0735	92	202.	2		0220	317	324.	2		2105	542	0.	3		1550	767	0.

1	0740	93	207.	*	2	0225	318	316.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	212.	*	2	0230	319	309.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	217.	*	2	0235	320	302.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	222.	*	2	0240	321	297.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	227.	*	2	0245	322	292.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	232.	*	2	0250	323	287.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	237.	*	2	0255	324	281.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	242.	*	2	0300	325	275.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	247.	*	2	0305	326	268.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	252.	*	2	0310	327	261.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	257.	*	2	0315	328	254.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	262.	*	2	0320	329	247.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	268.	*	2	0325	330	240.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	273.	*	2	0330	331	232.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	279.	*	2	0335	332	225.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	286.	*	2	0340	333	218.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	293.	*	2	0345	334	211.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	302.	*	2	0350	335	204.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	313.	*	2	0355	336	197.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	323.	*	2	0400	337	190.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	331.	*	2	0405	338	183.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	340.	*	2	0410	339	176.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	348.	*	2	0415	340	170.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	355.	*	2	0420	341	163.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	363.	*	2	0425	342	157.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	371.	*	2	0430	343	151.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	379.	*	2	0435	344	145.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	387.	*	2	0440	345	139.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	395.	*	2	0445	346	133.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	403.	*	2	0450	347	127.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	412.	*	2	0455	348	122.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	420.	*	2	0500	349	116.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	429.	*	2	0505	350	111.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	438.	*	2	0510	351	106.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	447.	*	2	0515	352	101.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	456.	*	2	0520	353	96.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	465.	*	2	0525	354	91.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	475.	*	2	0530	355	87.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	485.	*	2	0535	356	82.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	495.	*	2	0540	357	79.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	505.	*	2	0545	358	75.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	516.	*	2	0550	359	72.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	527.	*	2	0555	360	69.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	539.	*	2	0600	361	66.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	552.	*	2	0605	362	64.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	566.	*	2	0610	363	62.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	582.	*	2	0615	364	61.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	605.	*	2	0620	365	60.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	639.	*	2	0625	366	59.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	681.	*	2	0630	367	58.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	745.	*	2	0635	368	57.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	847.	*	2	0640	369	56.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1010.	*	2	0645	370	55.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1252.	*	2	0650	371	54.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1619.	*	2	0655	372	53.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2153.	*	2	0700	373	52.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2910.	*	2	0705	374	50.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	3892.	*	2	0710	375	49.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	5018.	*	2	0715	376	47.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	6162.	*	2	0720	377	46.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	7395.	*	2	0725	378	44.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	8937.	*	2	0730	379	42.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	10977.	*	2	0735	380	41.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	13695.	*	2	0740	381	39.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	17125.	*	2	0745	382	37.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	21136.	*	2	0750	383	35.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	25438.	*	2	0755	384	34.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	29620.	*	2	0800	385	32.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33239.	*	2	0805	386	30.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	36144.	*	2	0810	387	29.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	38324.	*	2	0815	388	27.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	39921.	*	2	0820	389	25.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	40988.	*	2	0825	390	24.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	41657.	*	2	0830	391	22.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	42030.	*	2	0835	392	21.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	42179.	*	2	0840	393	20.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	42147.	*	2	0845	394	18.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41960.	*	2	0850	395	17.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	41634.	*	2	0855	396	16.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	41184.	*	2	0900	397	14.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	40625.	*	2	0905	398	13.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	39974.	*	2	0910	399	12.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	39243.	*	2	0915	400	11.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	38429.	*	2	0920	401	10.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	37522.	*	2	0925	402	10.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	36510.	*	2	0930	403	9.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	35373.	*	2	0935	404	8.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	34144.	*	2	0940	405	7.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	32863.	*	2	0945	406	7.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	31570.	*	2	0950	407	6.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	30289.	*	2	0955	408	5.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	28981.	*	2	1000	409	5.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	27691.	*	2	1005	410	4.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	26447.	*	2	1010	411	4.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	25274.	*	2	1015	412	4.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	24131.	*	2	1020	413	3.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	23027.	*	2	1025	414	3.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	21991.	*	2	1030	415	3.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	21030.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	20079.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	19158.	*	2	1045	418	2.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	18287.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	17483.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	16699.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	15931.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	15186.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.

1	1630	199	14474.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	13785.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	13119.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	12492.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11914.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	11381.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10859.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	10354.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9873.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	9422.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	9011.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8616.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	8242.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7889.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7557.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7244.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6954.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6667.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6385.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	6111.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5848.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5600.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5370.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5159.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4955.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4761.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4577.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+		(CFS)	21655.	6034.	2015.	1936.
+ 42179.	13.92	(INCHES)	1.479	1.649	1.651	1.651
		(AC-FT)	10738.	11969.	11989.	11989.

CUMULATIVE AREA = 136.12 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4190.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4041.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	3899.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	3764.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3635.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3502.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3368.	2		1400	457	0.	3		0845	682	0.
1		0035	8	0.	1		1920	233	3234.	2		1405	458	0.	3		0850	683	0.
1		0040	9	0.	1		1925	234	3101.	2		1410	459	0.	3		0855	684	0.
1		0045	10	0.	1		1930	235	2971.	2		1415	460	0.	3		0900	685	0.
1		0050	11	0.	1		1935	236	2844.	2		1420	461	0.	3		0905	686	0.
1		0055	12	0.	1		1940	237	2721.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	2603.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	2490.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	2386.	2		1440	465	0.	3		0925	690	0.
1		0115	16	1.	1		2000	241	2282.	2		1445	466	0.	3		0930	691	0.
1		0120	17	1.	1		2005	242	2180.	2		1450	467	0.	3		0935	692	0.
1		0125	18	1.	1		2010	243	2081.	2		1455	468	0.	3		0940	693	0.
1		0130	19	1.	1		2015	244	1985.	2		1500	469	0.	3		0945	694	0.
1		0135	20	1.	1		2020	245	1894.	2		1505	470	0.	3		0950	695	0.
1		0140	21	1.	1		2025	246	1808.	2		1510	471	0.	3		0955	696	0.
1		0145	22	1.	1		2030	247	1727.	2		1515	472	0.	3		1000	697	0.
1		0150	23	1.	1		2035	248	1651.	2		1520	473	0.	3		1005	698	0.
1		0155	24	1.	1		2040	249	1581.	2		1525	474	0.	3		1010	699	0.
1		0200	25	1.	1		2045	250	1517.	2		1530	475	0.	3		1015	700	0.
1		0205	26	1.	1		2050	251	1459.	2		1535	476	0.	3		1020	701	0.
1		0210	27	1.	1		2055	252	1405.	2		1540	477	0.	3		1025	702	0.
1		0215	28	1.	1		2100	253	1354.	2		1545	478	0.	3		1030	703	0.
1		0220	29	1.	1		2105	254	1306.	2		1550	479	0.	3		1035	704	0.
1		0225	30	2.	1		2110	255	1260.	2		1555	480	0.	3		1040	705	0.
1		0230	31	2.	1		2115	256	1218.	2		1600	481	0.	3		1045	706	0.
1		0235	32	2.	1		2120	257	1178.	2		1605	482	0.	3		1050	707	0.
1		0240	33	2.	1		2125	258	1141.	2		1610	483	0.	3		1055	708	0.
1		0245	34	2.	1		2130	259	1105.	2		1615	484	0.	3		1100	709	0.
1		0250	35	3.	1		2135	260	1070.	2		1620	485	0.	3		1105	710	0.
1		0255	36	3.	1		2140	261	1037.	2		1625	486	0.	3		1110	711	0.
1		0300	37	3.	1		2145	262	1004.	2		1630	487	0.	3		1115	712	0.
1		0305	38	3.	1		2150	263	973.	2		1635	488	0.	3		1120	713	0.
1		0310	39	4.	1		2155	264	944.	2		1640	489	0.	3		1125	714	0.
1		0315	40	4.	1		2200	265	915.	2		1645	490	0.	3		1130	715	0.
1		0320	41	5.	1		2205	266	887.	2		1650	491	0.	3		1135	716	0.
1		0325	42	5.	1		2210	267	861.	2		1655	492	0.	3		1140	717	0.
1		0330	43	6.	1		2215	268	837.	2		1700	493	0.	3		1145	718	0.
1		0335	44	6.	1		2220	269	813.	2		1705	494	0.	3		1150	719	0.
1		0340	45	7.	1		2225	270	791.	2		1710	495	0.	3		1155	720	0.
1		0345	46	8.	1		2230	271	772.	2		1715	496	0.	3		1200	721	0.
1		0350	47	8.	1		2235	272	754.	2		1720	497	0.	3		1205	722	0.
1		0355	48	9.	1		2240	273	740.	2		1725	498	0.	3		1210	723	0.
1		0400	49	10.	1		2245	274	729.	2		1730	499	0.	3		1215	724	0.
1		0405	50	11.	1		2250	275	718.	2		1735	500	0.	3		1220	725	0.
1		0410	51	12.	1		2255	276	706.	2		1740	501	0.	3		1225	726	0.
1		0415	52	14.	1		2300	277	693.	2		1745	502	0.	3		1230	727	0.
1		0420	53	15.	1		2305	278	680.	2		1750	503	0.	3		1235	728	0.
1		0425	54	17.	1		2310	279	667.	2		1755	504	0.	3		1240	729	0.
1		0430	55	18.	1		2315	280	653.	2		1800	505	0.	3		1245	730	0.
1		0435	56	20.	1		2320	281	639.	2		1805	506	0.	3		1250	731	0.

1	0440	57	22.	*	1	2325	282	626.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	24.	*	1	2330	283	613.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	26.	*	1	2335	284	600.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	29.	*	1	2340	285	588.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	32.	*	1	2345	286	575.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	35.	*	1	2350	287	564.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	39.	*	1	2355	288	552.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	43.	*	2	0000	289	541.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	48.	*	2	0005	290	530.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	54.	*	2	0010	291	519.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	62.	*	2	0015	292	509.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	74.	*	2	0020	293	499.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	83.	*	2	0025	294	489.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	91.	*	2	0030	295	479.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	98.	*	2	0035	296	470.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	104.	*	2	0040	297	461.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	109.	*	2	0045	298	452.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	114.	*	2	0050	299	443.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	118.	*	2	0055	300	435.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	122.	*	2	0100	301	427.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	126.	*	2	0105	302	419.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	130.	*	2	0110	303	411.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	134.	*	2	0115	304	403.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	138.	*	2	0120	305	395.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	141.	*	2	0125	306	388.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	145.	*	2	0130	307	380.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	149.	*	2	0135	308	373.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	152.	*	2	0140	309	365.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	156.	*	2	0145	310	358.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	159.	*	2	0150	311	350.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	163.	*	2	0155	312	342.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	167.	*	2	0200	313	335.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	170.	*	2	0205	314	327.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	174.	*	2	0210	315	320.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	178.	*	2	0215	316	313.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	181.	*	2	0220	317	307.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	185.	*	2	0225	318	301.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	189.	*	2	0230	319	296.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	193.	*	2	0235	320	292.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	198.	*	2	0240	321	287.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	202.	*	2	0245	322	281.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	207.	*	2	0250	323	275.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	211.	*	2	0255	324	269.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	216.	*	2	0300	325	262.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	221.	*	2	0305	326	255.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	226.	*	2	0310	327	248.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	231.	*	2	0315	328	240.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	236.	*	2	0320	329	233.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	241.	*	2	0325	330	226.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	247.	*	2	0330	331	219.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	252.	*	2	0335	332	212.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	257.	*	2	0340	333	205.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	263.	*	2	0345	334	198.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	268.	*	2	0350	335	191.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	274.	*	2	0355	336	185.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	281.	*	2	0400	337	178.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	288.	*	2	0405	338	172.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	296.	*	2	0410	339	165.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	306.	*	2	0415	340	159.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	318.	*	2	0420	341	152.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	327.	*	2	0425	342	146.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	337.	*	2	0430	343	140.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	345.	*	2	0435	344	134.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	354.	*	2	0440	345	128.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	362.	*	2	0445	346	123.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	370.	*	2	0450	347	117.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	378.	*	2	0455	348	112.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	386.	*	2	0500	349	107.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	395.	*	2	0505	350	101.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	403.	*	2	0510	351	96.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	412.	*	2	0515	352	92.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	420.	*	2	0520	353	87.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	429.	*	2	0525	354	83.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	438.	*	2	0530	355	79.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	448.	*	2	0535	356	75.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	457.	*	2	0540	357	72.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	467.	*	2	0545	358	69.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	477.	*	2	0550	359	67.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	488.	*	2	0555	360	65.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	499.	*	2	0600	361	63.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	511.	*	2	0605	362	61.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	524.	*	2	0610	363	60.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	539.	*	2	0615	364	59.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	562.	*	2	0620	365	59.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	595.	*	2	0625	366	58.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	636.	*	2	0630	367	57.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	699.	*	2	0635	368	56.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	798.	*	2	0640	369	54.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	954.	*	2	0645	370	53.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1183.	*	2	0650	371	52.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1518.	*	2	0655	372	50.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2038.	*	2	0700	373	49.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2782.	*	2	0705	374	47.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	3733.	*	2	0710	375	46.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	4805.	*	2	0715	376	44.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	5866.	*	2	0720	377	42.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	6976.	*	2	0725	378	41.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	8309.	*	2	0730	379	39.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	10056.	*	2	0735	380	37.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	12375.	*	2	0740	381	35.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	15329.	*	2	0745	382	34.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	18854.	*	2	0750	383	32.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	22703.	*	2	0755	384	30.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	26537.	*	2	0800	385	29.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	29984.	*	2	0805	386	27.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	32768.	*	2	0810	387	25.	*	3	0255	612	0.	*	3	2140	837	0.

1	1330	163	34833.	*	2	0815	388	24.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	36249.	*	2	0820	389	22.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	37162.	*	2	0825	390	21.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	37726.	*	2	0830	391	20.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38049.	*	2	0835	392	18.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	38192.	*	2	0840	393	17.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	38189.	*	2	0845	394	16.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	38054.	*	2	0850	395	14.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	37788.	*	2	0855	396	13.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37392.	*	2	0900	397	12.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	36870.	*	2	0905	398	11.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	36237.	*	2	0910	399	10.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	35513.	*	2	0915	400	9.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	34715.	*	2	0920	401	9.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	33860.	*	2	0925	402	8.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	32963.	*	2	0930	403	7.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	32039.	*	2	0935	404	7.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	31074.	*	2	0940	405	6.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	30046.	*	2	0945	406	5.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	28967.	*	2	0950	407	5.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	27859.	*	2	0955	408	4.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	26741.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	25661.	*	2	1005	410	4.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	24585.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	23535.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	22532.	*	2	1020	413	3.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21586.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20674.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	19768.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	18886.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	18055.	*	2	1045	418	1.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	17274.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16509.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	15757.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	15025.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	14326.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	13641.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	12983.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12368.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	11803.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11274.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	10757.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10256.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	9780.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9337.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	8928.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8535.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8163.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	7810.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7478.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7167.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	6874.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6584.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6301.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6028.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	5768.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5524.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5298.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5090.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	4888.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4696.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4516.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4348.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 38192.	13.92		19887.	5555.	1855.	1782.
		(INCHES)	1.358	1.518	1.520	1.520
		(AC-FT)	9861.	11018.	11036.	11036.

CUMULATIVE AREA = 136.12 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 130.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	4107.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	3962.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	3824.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	3692.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	3561.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	3427.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	3292.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	0.	*	1		1920	233	3158.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	0.	*	1		1925	234	3027.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	0.	*	1		1930	235	2898.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	0.	*	1		1935	236	2773.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	0.	*	1		1940	237	2652.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	0.	*	1		1945	238	2537.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	0.	*	1		1950	239	2429.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	0.	*	1		1955	240	2324.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	1.	*	1		2000	241	2221.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	1.	*	1		2005	242	2120.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	1.	*	1		2010	243	2023.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	1.	*	1		2015	244	1930.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	1.	*	1		2020	245	1842.	*	2		1505	470	0.	*	3		0950	695	0.

1	0140	21	1.	*	1	2025	246	1758.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	1.	*	1	2030	247	1680.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	1.	*	1	2035	248	1607.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	1.	*	1	2040	249	1540.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	1.	*	1	2045	250	1479.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	1.	*	1	2050	251	1424.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	1.	*	1	2055	252	1371.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	1.	*	1	2100	253	1322.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	1.	*	1	2105	254	1275.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	2.	*	1	2110	255	1231.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	2.	*	1	2115	256	1191.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	2.	*	1	2120	257	1152.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	2.	*	1	2125	258	1115.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	2.	*	1	2130	259	1080.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	2.	*	1	2135	260	1045.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	3.	*	1	2140	261	1012.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	3.	*	1	2145	262	981.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	3.	*	1	2150	263	950.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	4.	*	1	2155	264	921.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	4.	*	1	2200	265	892.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	4.	*	1	2205	266	866.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	5.	*	1	2210	267	840.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	5.	*	1	2215	268	816.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	6.	*	1	2220	269	794.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	7.	*	1	2225	270	773.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	7.	*	1	2230	271	756.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	8.	*	1	2235	272	741.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	9.	*	1	2240	273	729.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	10.	*	1	2245	274	718.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	11.	*	1	2250	275	706.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	12.	*	1	2255	276	693.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	13.	*	1	2300	277	680.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	14.	*	1	2305	278	666.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	16.	*	1	2310	279	652.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	17.	*	1	2315	280	638.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	19.	*	1	2320	281	625.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	21.	*	1	2325	282	611.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	23.	*	1	2330	283	598.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	25.	*	1	2335	284	586.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	27.	*	1	2340	285	573.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	30.	*	1	2345	286	561.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	32.	*	1	2350	287	550.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	35.	*	1	2355	288	538.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	39.	*	2	0000	289	527.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	43.	*	2	0005	290	516.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	49.	*	2	0010	291	506.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	55.	*	2	0015	292	496.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	62.	*	2	0020	293	486.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	73.	*	2	0025	294	476.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	83.	*	2	0030	295	467.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	90.	*	2	0035	296	458.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	97.	*	2	0040	297	449.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	102.	*	2	0045	298	440.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	108.	*	2	0050	299	432.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	112.	*	2	0055	300	424.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	116.	*	2	0100	301	415.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	120.	*	2	0105	302	408.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	124.	*	2	0110	303	400.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	128.	*	2	0115	304	392.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	132.	*	2	0120	305	385.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	135.	*	2	0125	306	378.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	139.	*	2	0130	307	370.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	142.	*	2	0135	308	363.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	146.	*	2	0140	309	356.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	149.	*	2	0145	310	348.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	153.	*	2	0150	311	341.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	156.	*	2	0155	312	333.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	160.	*	2	0200	313	326.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	163.	*	2	0205	314	319.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	167.	*	2	0210	315	312.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	170.	*	2	0215	316	306.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	174.	*	2	0220	317	301.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	177.	*	2	0225	318	296.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	181.	*	2	0230	319	292.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	185.	*	2	0235	320	287.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	189.	*	2	0240	321	282.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	193.	*	2	0245	322	276.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	197.	*	2	0250	323	269.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	201.	*	2	0255	324	263.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	206.	*	2	0300	325	256.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	211.	*	2	0305	326	249.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	215.	*	2	0310	327	242.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	220.	*	2	0315	328	235.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	225.	*	2	0320	329	228.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	230.	*	2	0325	330	220.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	236.	*	2	0330	331	214.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	241.	*	2	0335	332	207.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	246.	*	2	0340	333	200.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	251.	*	2	0345	334	193.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	257.	*	2	0350	335	186.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	262.	*	2	0355	336	180.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	268.	*	2	0400	337	173.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	274.	*	2	0405	338	167.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	281.	*	2	0410	339	160.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	288.	*	2	0415	340	154.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	297.	*	2	0420	341	148.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	308.	*	2	0425	342	142.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	319.	*	2	0430	343	136.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	329.	*	2	0435	344	130.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	338.	*	2	0440	345	124.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	347.	*	2	0445	346	119.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	356.	*	2	0450	347	113.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	364.	*	2	0455	348	108.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	372.	*	2	0500	349	103.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	380.	*	2	0505	350	98.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	389.	*	2	0510	351	93.	*	2	2355	576	0.	*	3	1840	801	0.

1	1030	127	397.	*	2	0515	352	88.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	406.	*	2	0520	353	84.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	415.	*	2	0525	354	80.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	423.	*	2	0530	355	76.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	433.	*	2	0535	356	73.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	442.	*	2	0540	357	70.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	451.	*	2	0545	358	67.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	461.	*	2	0550	359	65.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	472.	*	2	0555	360	63.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	482.	*	2	0600	361	62.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	494.	*	2	0605	362	60.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	507.	*	2	0610	363	60.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	522.	*	2	0615	364	59.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	544.	*	2	0620	365	58.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	577.	*	2	0625	366	57.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	618.	*	2	0630	367	56.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	680.	*	2	0635	368	55.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	778.	*	2	0640	369	53.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	933.	*	2	0645	370	52.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1158.	*	2	0650	371	51.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1485.	*	2	0655	372	49.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1987.	*	2	0700	373	48.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2727.	*	2	0705	374	46.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	3667.	*	2	0710	375	44.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	4719.	*	2	0715	376	43.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	5752.	*	2	0720	377	41.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	6808.	*	2	0725	378	39.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	8061.	*	2	0730	379	37.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	9689.	*	2	0735	380	36.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	11855.	*	2	0740	381	34.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	14630.	*	2	0745	382	32.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	17951.	*	2	0750	383	31.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	21606.	*	2	0755	384	29.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	25283.	*	2	0800	385	27.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	28642.	*	2	0805	386	26.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	31387.	*	2	0810	387	24.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33431.	*	2	0815	388	23.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34876.	*	2	0820	389	21.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	35786.	*	2	0825	390	20.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	36316.	*	2	0830	391	18.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	36580.	*	2	0835	392	17.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36653.	*	2	0840	393	16.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36577.	*	2	0845	394	15.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	36381.	*	2	0850	395	14.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	36076.	*	2	0855	396	12.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	35669.	*	2	0900	397	11.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	35167.	*	2	0905	398	11.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	34581.	*	2	0910	399	10.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	33924.	*	2	0915	400	9.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	33213.	*	2	0920	401	8.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	32463.	*	2	0925	402	7.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	31667.	*	2	0930	403	7.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	30809.	*	2	0935	404	6.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	29893.	*	2	0940	405	5.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	28923.	*	2	0945	406	5.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	27912.	*	2	0950	407	4.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	26887.	*	2	0955	408	4.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	25860.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	24827.	*	2	1005	410	3.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	23807.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	22823.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	21895.	*	2	1020	413	2.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21005.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20117.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	19244.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	18405.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	17619.	*	2	1045	418	1.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	16854.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16104.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	15369.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	14658.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	13972.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	13301.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	12665.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12076.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	11536.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11014.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	10506.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10018.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	9557.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9133.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	8731.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8348.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	7985.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	7642.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7319.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7017.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	6723.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6435.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6155.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	5888.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	5635.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5400.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5185.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4979.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	4782.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4596.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4422.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4260.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)			

+ 36653.	13.92		19176.	5363.	1790.	1721.
		(INCHES)	1.310	1.465	1.467	1.467
		(AC-FT)	9509.	10637.	10653.	10653.

CUMULATIVE AREA = 136.12 SQ MI

HYDROGRAPH AT C518
TRANSPOSITION AREA 200.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4107.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3962.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	3824.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	3692.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3561.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3427.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3292.	2		1400	457	0.	3		0845	682	0.
1		0035	8	0.	1		1920	233	3158.	2		1405	458	0.	3		0850	683	0.
1		0040	9	0.	1		1925	234	3027.	2		1410	459	0.	3		0855	684	0.
1		0045	10	0.	1		1930	235	2898.	2		1415	460	0.	3		0900	685	0.
1		0050	11	0.	1		1935	236	2773.	2		1420	461	0.	3		0905	686	0.
1		0055	12	0.	1		1940	237	2652.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	2537.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	2429.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	2324.	2		1440	465	0.	3		0925	690	0.
1		0115	16	1.	1		2000	241	2221.	2		1445	466	0.	3		0930	691	0.
1		0120	17	1.	1		2005	242	2120.	2		1450	467	0.	3		0935	692	0.
1		0125	18	1.	1		2010	243	2023.	2		1455	468	0.	3		0940	693	0.
1		0130	19	1.	1		2015	244	1930.	2		1500	469	0.	3		0945	694	0.
1		0135	20	1.	1		2020	245	1842.	2		1505	470	0.	3		0950	695	0.
1		0140	21	1.	1		2025	246	1758.	2		1510	471	0.	3		0955	696	0.
1		0145	22	1.	1		2030	247	1680.	2		1515	472	0.	3		1000	697	0.
1		0150	23	1.	1		2035	248	1607.	2		1520	473	0.	3		1005	698	0.
1		0155	24	1.	1		2040	249	1540.	2		1525	474	0.	3		1010	699	0.
1		0200	25	1.	1		2045	250	1479.	2		1530	475	0.	3		1015	700	0.
1		0205	26	1.	1		2050	251	1424.	2		1535	476	0.	3		1020	701	0.
1		0210	27	1.	1		2055	252	1371.	2		1540	477	0.	3		1025	702	0.
1		0215	28	1.	1		2100	253	1322.	2		1545	478	0.	3		1030	703	0.
1		0220	29	1.	1		2105	254	1275.	2		1550	479	0.	3		1035	704	0.
1		0225	30	2.	1		2110	255	1231.	2		1555	480	0.	3		1040	705	0.
1		0230	31	2.	1		2115	256	1191.	2		1600	481	0.	3		1045	706	0.
1		0235	32	2.	1		2120	257	1152.	2		1605	482	0.	3		1050	707	0.
1		0240	33	2.	1		2125	258	1115.	2		1610	483	0.	3		1055	708	0.
1		0245	34	2.	1		2130	259	1080.	2		1615	484	0.	3		1100	709	0.
1		0250	35	2.	1		2135	260	1045.	2		1620	485	0.	3		1105	710	0.
1		0255	36	3.	1		2140	261	1012.	2		1625	486	0.	3		1110	711	0.
1		0300	37	3.	1		2145	262	981.	2		1630	487	0.	3		1115	712	0.
1		0305	38	3.	1		2150	263	950.	2		1635	488	0.	3		1120	713	0.
1		0310	39	4.	1		2155	264	921.	2		1640	489	0.	3		1125	714	0.
1		0315	40	4.	1		2200	265	892.	2		1645	490	0.	3		1130	715	0.
1		0320	41	4.	1		2205	266	866.	2		1650	491	0.	3		1135	716	0.
1		0325	42	5.	1		2210	267	840.	2		1655	492	0.	3		1140	717	0.
1		0330	43	5.	1		2215	268	816.	2		1700	493	0.	3		1145	718	0.
1		0335	44	6.	1		2220	269	794.	2		1705	494	0.	3		1150	719	0.
1		0340	45	7.	1		2225	270	773.	2		1710	495	0.	3		1155	720	0.
1		0345	46	7.	1		2230	271	756.	2		1715	496	0.	3		1200	721	0.
1		0350	47	8.	1		2235	272	741.	2		1720	497	0.	3		1205	722	0.
1		0355	48	9.	1		2240	273	729.	2		1725	498	0.	3		1210	723	0.
1		0400	49	10.	1		2245	274	718.	2		1730	499	0.	3		1215	724	0.
1		0405	50	11.	1		2250	275	706.	2		1735	500	0.	3		1220	725	0.
1		0410	51	12.	1		2255	276	693.	2		1740	501	0.	3		1225	726	0.
1		0415	52	13.	1		2300	277	680.	2		1745	502	0.	3		1230	727	0.
1		0420	53	14.	1		2305	278	666.	2		1750	503	0.	3		1235	728	0.
1		0425	54	16.	1		2310	279	652.	2		1755	504	0.	3		1240	729	0.
1		0430	55	17.	1		2315	280	638.	2		1800	505	0.	3		1245	730	0.
1		0435	56	19.	1		2320	281	625.	2		1805	506	0.	3		1250	731	0.
1		0440	57	21.	1		2325	282	611.	2		1810	507	0.	3		1255	732	0.
1		0445	58	23.	1		2330	283	598.	2		1815	508	0.	3		1300	733	0.
1		0450	59	25.	1		2335	284	586.	2		1820	509	0.	3		1305	734	0.
1		0455	60	27.	1		2340	285	573.	2		1825	510	0.	3		1310	735	0.
1		0500	61	30.	1		2345	286	561.	2		1830	511	0.	3		1315	736	0.
1		0505	62	32.	1		2350	287	550.	2		1835	512	0.	3		1320	737	0.
1		0510	63	35.	1		2355	288	538.	2		1840	513	0.	3		1325	738	0.
1		0515	64	39.	2		0000	289	527.	2		1845	514	0.	3		1330	739	0.
1		0520	65	43.	2		0005	290	516.	2		1850	515	0.	3		1335	740	0.
1		0525	66	49.	2		0010	291	506.	2		1855	516	0.	3		1340	741	0.
1		0530	67	55.	2		0015	292	496.	2		1900	517	0.	3		1345	742	0.
1		0535	68	62.	2		0020	293	486.	2		1905	518	0.	3		1350	743	0.
1		0540	69	73.	2		0025	294	476.	2		1910	519	0.	3		1355	744	0.
1		0545	70	83.	2		0030	295	467.	2		1915	520	0.	3		1400	745	0.
1		0550	71	90.	2		0035	296	458.	2		1920	521	0.	3		1405	746	0.
1		0555	72	97.	2		0040	297	449.	2		1925	522	0.	3		1410	747	0.
1		0600	73	102.	2		0045	298	440.	2		1930	523	0.	3		1415	748	0.
1		0605	74	108.	2		0050	299	432.	2		1935	524	0.	3		1420	749	0.
1		0610	75	112.	2		0055	300	424.	2		1940	525	0.	3		1425	750	0.
1		0615	76	116.	2		0100	301	415.	2		1945	526	0.	3		1430	751	0.
1		0620	77	120.	2		0105	302	408.	2		1950	527	0.	3		1435	752	0.
1		0625	78	124.	2		0110	303	400.	2		1955	528	0.	3		1440	753	0.
1		0630	79	128.	2		0115	304	392.	2		2000	529	0.	3		1445	754	0.
1		0635	80	132.	2		0120	305	385.	2		2005	530	0.	3		1450	755	0.
1		0640	81	135.	2		0125	306	378.	2		2010	531	0.	3		1455	756	0.
1		0645	82	139.	2		0130	307	370.	2		2015	532	0.	3		1500	757	0.
1		0650	83	142.	2		0135	308	363.	2		2020	533	0.	3		1505	758	0.
1		0655	84	146.	2		0140	309	356.	2		2025	534	0.	3		1510	759	0.
1		0700	85	149.	2		0145	310	348.	2		2030	535	0.	3		1515	760	0.
1		0705	86	153.	2		0150	311	341.	2		2035	536	0.	3		1520	761	0.
1		0710	87	156.	2		0155	312	333.	2		2040	537	0.	3		1525	762	0.
1		0715	88	160.	2		0200	313	326.	2		2045	538	0.	3		1530	763	0.
1		0720	89	163.	2		0205	314	319.	2		2050	539	0.	3		1535	764	0.
1		0725	90	167.	2		0210	315	312.	2		2055	540	0.	3		1540	765	0.

1	0730	91	170.	*	2	0215	316	306.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	174.	*	2	0220	317	301.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	177.	*	2	0225	318	296.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	181.	*	2	0230	319	292.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	185.	*	2	0235	320	287.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	189.	*	2	0240	321	282.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	193.	*	2	0245	322	276.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	197.	*	2	0250	323	269.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	201.	*	2	0255	324	263.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	206.	*	2	0300	325	256.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	211.	*	2	0305	326	249.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	215.	*	2	0310	327	242.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	220.	*	2	0315	328	235.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	225.	*	2	0320	329	228.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	230.	*	2	0325	330	220.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	236.	*	2	0330	331	214.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	241.	*	2	0335	332	207.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	246.	*	2	0340	333	200.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	251.	*	2	0345	334	193.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	257.	*	2	0350	335	186.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	262.	*	2	0355	336	180.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	268.	*	2	0400	337	173.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	274.	*	2	0405	338	167.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	281.	*	2	0410	339	160.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	288.	*	2	0415	340	154.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	297.	*	2	0420	341	148.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	308.	*	2	0425	342	142.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	319.	*	2	0430	343	136.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	329.	*	2	0435	344	130.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	338.	*	2	0440	345	124.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	347.	*	2	0445	346	119.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	356.	*	2	0450	347	113.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	364.	*	2	0455	348	108.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	372.	*	2	0500	349	103.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	380.	*	2	0505	350	98.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	389.	*	2	0510	351	93.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	397.	*	2	0515	352	88.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	406.	*	2	0520	353	84.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	415.	*	2	0525	354	80.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	423.	*	2	0530	355	76.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	433.	*	2	0535	356	73.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	442.	*	2	0540	357	70.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	451.	*	2	0545	358	67.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	461.	*	2	0550	359	65.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	472.	*	2	0555	360	63.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	482.	*	2	0600	361	62.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	494.	*	2	0605	362	60.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	507.	*	2	0610	363	60.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	522.	*	2	0615	364	59.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	544.	*	2	0620	365	58.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	577.	*	2	0625	366	57.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	618.	*	2	0630	367	56.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	680.	*	2	0635	368	55.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	778.	*	2	0640	369	53.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	933.	*	2	0645	370	52.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1158.	*	2	0650	371	51.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1485.	*	2	0655	372	49.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1987.	*	2	0700	373	48.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2727.	*	2	0705	374	46.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	3667.	*	2	0710	375	44.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	4719.	*	2	0715	376	43.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	5752.	*	2	0720	377	41.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	6808.	*	2	0725	378	39.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	8061.	*	2	0730	379	37.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	9689.	*	2	0735	380	36.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	11855.	*	2	0740	381	34.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	14630.	*	2	0745	382	32.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	17951.	*	2	0750	383	31.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	21606.	*	2	0755	384	29.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	25283.	*	2	0800	385	27.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	28642.	*	2	0805	386	26.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	31387.	*	2	0810	387	24.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33431.	*	2	0815	388	23.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34876.	*	2	0820	389	21.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	35786.	*	2	0825	390	20.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	36316.	*	2	0830	391	18.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	36580.	*	2	0835	392	17.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36653.	*	2	0840	393	16.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36577.	*	2	0845	394	15.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	36381.	*	2	0850	395	14.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	36076.	*	2	0855	396	12.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	35669.	*	2	0900	397	11.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	35167.	*	2	0905	398	11.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	34581.	*	2	0910	399	10.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	33924.	*	2	0915	400	9.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	33213.	*	2	0920	401	8.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	32463.	*	2	0925	402	7.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	31667.	*	2	0930	403	7.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	30809.	*	2	0935	404	6.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	29893.	*	2	0940	405	5.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	28923.	*	2	0945	406	5.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	27912.	*	2	0950	407	4.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	26887.	*	2	0955	408	4.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	25860.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	24827.	*	2	1005	410	3.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	23807.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	22823.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	21895.	*	2	1020	413	2.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21005.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20117.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	19244.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	18405.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	17619.	*	2	1045	418	1.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	16854.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16104.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	15369.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.

1	1620	197	14658.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	13972.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	13301.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	12665.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12076.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	11536.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11014.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	10506.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10018.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	9557.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9133.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	8731.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8348.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	7985.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	7642.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7319.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7017.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	6723.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6435.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6155.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	5888.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	5635.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5400.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5185.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4979.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	4782.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4596.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4422.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4260.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 36653.	13.92	(CFS)	19176.	5363.	1790.	1721.
		(INCHES)	1.310	1.465	1.467	1.467
		(AC-FT)	9509.	10637.	10653.	10653.

CUMULATIVE AREA = 136.12 SQ MI

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INTERPOLATED HYDROGRAPH AT C518

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4107.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3962.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	3824.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	3692.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3561.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3427.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3292.	2		1400	457	0.	3		0845	682	0.
1		0035	8	0.	1		1920	233	3158.	2		1405	458	0.	3		0850	683	0.
1		0040	9	0.	1		1925	234	3027.	2		1410	459	0.	3		0855	684	0.
1		0045	10	0.	1		1930	235	2898.	2		1415	460	0.	3		0900	685	0.
1		0050	11	0.	1		1935	236	2773.	2		1420	461	0.	3		0905	686	0.
1		0055	12	0.	1		1940	237	2652.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	2537.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	2429.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	2324.	2		1440	465	0.	3		0925	690	0.
1		0115	16	1.	1		2000	241	2221.	2		1445	466	0.	3		0930	691	0.
1		0120	17	1.	1		2005	242	2120.	2		1450	467	0.	3		0935	692	0.
1		0125	18	1.	1		2010	243	2023.	2		1455	468	0.	3		0940	693	0.
1		0130	19	1.	1		2015	244	1930.	2		1500	469	0.	3		0945	694	0.
1		0135	20	1.	1		2020	245	1842.	2		1505	470	0.	3		0950	695	0.
1		0140	21	1.	1		2025	246	1758.	2		1510	471	0.	3		0955	696	0.
1		0145	22	1.	1		2030	247	1680.	2		1515	472	0.	3		1000	697	0.
1		0150	23	1.	1		2035	248	1607.	2		1520	473	0.	3		1005	698	0.
1		0155	24	1.	1		2040	249	1540.	2		1525	474	0.	3		1010	699	0.
1		0200	25	1.	1		2045	250	1479.	2		1530	475	0.	3		1015	700	0.
1		0205	26	1.	1		2050	251	1424.	2		1535	476	0.	3		1020	701	0.
1		0210	27	1.	1		2055	252	1371.	2		1540	477	0.	3		1025	702	0.
1		0215	28	1.	1		2100	253	1322.	2		1545	478	0.	3		1030	703	0.
1		0220	29	1.	1		2105	254	1275.	2		1550	479	0.	3		1035	704	0.
1		0225	30	2.	1		2110	255	1231.	2		1555	480	0.	3		1040	705	0.
1		0230	31	2.	1		2115	256	1191.	2		1600	481	0.	3		1045	706	0.
1		0235	32	2.	1		2120	257	1152.	2		1605	482	0.	3		1050	707	0.
1		0240	33	2.	1		2125	258	1115.	2		1610	483	0.	3		1055	708	0.
1		0245	34	2.	1		2130	259	1080.	2		1615	484	0.	3		1100	709	0.
1		0250	35	2.	1		2135	260	1045.	2		1620	485	0.	3		1105	710	0.
1		0255	36	3.	1		2140	261	1012.	2		1625	486	0.	3		1110	711	0.
1		0300	37	3.	1		2145	262	981.	2		1630	487	0.	3		1115	712	0.
1		0305	38	3.	1		2150	263	950.	2		1635	488	0.	3		1120	713	0.
1		0310	39	4.	1		2155	264	921.	2		1640	489	0.	3		1125	714	0.
1		0315	40	4.	1		2200	265	892.	2		1645	490	0.	3		1130	715	0.
1		0320	41	4.	1		2205	266	866.	2		1650	491	0.	3		1135	716	0.
1		0325	42	5.	1		2210	267	840.	2		1655	492	0.	3		1140	717	0.
1		0330	43	5.	1		2215	268	816.	2		1700	493	0.	3		1145	718	0.
1		0335	44	6.	1		2220	269	794.	2		1705	494	0.	3		1150	719	0.
1		0340	45	7.	1		2225	270	773.	2		1710	495	0.	3		1155	720	0.
1		0345	46	7.	1		2230	271	756.	2		1715	496	0.	3		1200	721	0.
1		0350	47	8.	1		2235	272	741.	2		1720	497	0.	3		1205	722	0.
1		0355	48	9.	1		2240	273	729.	2		1725	498	0.	3		1210	723	0.
1		0400	49	10.	1		2245	274	718.	2		1730	499	0.	3		1215	724	0.
1		0405	50	11.	1		2250	275	706.	2		1735	500	0.	3		1220	725	0.
1		0410	51	12.	1		2255	276	693.	2		1740	501	0.	3		1225	726	0.
1		0415	52	13.	1		2300	277	680.	2		1745	502	0.	3		1230	727	0.
1		0420	53	14.	1		2305	278	666.	2		1750	503	0.	3		1235	728	0.
1		0425	54	16.	1		2310	279	652.	2		1755	504	0.	3		1240	729	0.
1		0430	55	17.	1		2315	280	638.	2		1800	505	0.	3		1245	730	0.

1	0435	56	19.	*	1	2320	281	625.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	21.	*	1	2325	282	611.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	23.	*	1	2330	283	598.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	25.	*	1	2335	284	586.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	27.	*	1	2340	285	573.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	30.	*	1	2345	286	561.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	32.	*	1	2350	287	550.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	35.	*	1	2355	288	538.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	39.	*	2	0000	289	527.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	43.	*	2	0005	290	516.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	49.	*	2	0010	291	506.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	55.	*	2	0015	292	496.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	62.	*	2	0020	293	486.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	73.	*	2	0025	294	476.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	83.	*	2	0030	295	467.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	90.	*	2	0035	296	458.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	97.	*	2	0040	297	449.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	102.	*	2	0045	298	440.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	108.	*	2	0050	299	432.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	112.	*	2	0055	300	424.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	116.	*	2	0100	301	415.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	120.	*	2	0105	302	408.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	124.	*	2	0110	303	400.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	128.	*	2	0115	304	392.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	132.	*	2	0120	305	385.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	135.	*	2	0125	306	378.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	139.	*	2	0130	307	370.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	142.	*	2	0135	308	363.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	146.	*	2	0140	309	356.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	149.	*	2	0145	310	348.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	153.	*	2	0150	311	341.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	156.	*	2	0155	312	333.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	160.	*	2	0200	313	326.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	163.	*	2	0205	314	319.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	167.	*	2	0210	315	312.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	170.	*	2	0215	316	306.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	174.	*	2	0220	317	301.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	177.	*	2	0225	318	296.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	181.	*	2	0230	319	292.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	185.	*	2	0235	320	287.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	189.	*	2	0240	321	282.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	193.	*	2	0245	322	276.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	197.	*	2	0250	323	269.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	201.	*	2	0255	324	263.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	206.	*	2	0300	325	256.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	211.	*	2	0305	326	249.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	215.	*	2	0310	327	242.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	220.	*	2	0315	328	235.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	225.	*	2	0320	329	228.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	230.	*	2	0325	330	220.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	236.	*	2	0330	331	214.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	241.	*	2	0335	332	207.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	246.	*	2	0340	333	200.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	251.	*	2	0345	334	193.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	257.	*	2	0350	335	186.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	262.	*	2	0355	336	180.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	268.	*	2	0400	337	173.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	274.	*	2	0405	338	167.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	281.	*	2	0410	339	160.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	288.	*	2	0415	340	154.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	297.	*	2	0420	341	148.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	308.	*	2	0425	342	142.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	319.	*	2	0430	343	136.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	329.	*	2	0435	344	130.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	338.	*	2	0440	345	124.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	347.	*	2	0445	346	119.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	356.	*	2	0450	347	113.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	364.	*	2	0455	348	108.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	372.	*	2	0500	349	103.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	380.	*	2	0505	350	98.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	389.	*	2	0510	351	93.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	397.	*	2	0515	352	88.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	406.	*	2	0520	353	84.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	415.	*	2	0525	354	80.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	423.	*	2	0530	355	76.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	433.	*	2	0535	356	73.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	442.	*	2	0540	357	70.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	451.	*	2	0545	358	67.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	461.	*	2	0550	359	65.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	472.	*	2	0555	360	63.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	482.	*	2	0600	361	62.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	494.	*	2	0605	362	60.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	507.	*	2	0610	363	60.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	522.	*	2	0615	364	59.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	544.	*	2	0620	365	58.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	577.	*	2	0625	366	57.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	618.	*	2	0630	367	56.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	680.	*	2	0635	368	55.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	778.	*	2	0640	369	53.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	933.	*	2	0645	370	52.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1158.	*	2	0650	371	51.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1485.	*	2	0655	372	49.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1987.	*	2	0700	373	48.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2727.	*	2	0705	374	46.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	3667.	*	2	0710	375	44.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	4719.	*	2	0715	376	43.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	5752.	*	2	0720	377	41.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	6808.	*	2	0725	378	39.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	8061.	*	2	0730	379	37.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	9689.	*	2	0735	380	36.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	11855.	*	2	0740	381	34.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	14630.	*	2	0745	382	32.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	17951.	*	2	0750	383	31.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	21606.	*	2	0755	384	29.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	25283.	*	2	0800	385	27.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	28642.	*	2	0805	386	26.	*	3	0250	611	0.	*	3	2135	836	0.

1	1325	162	31387.	*	2	0810	387	24.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33431.	*	2	0815	388	23.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34876.	*	2	0820	389	21.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	35786.	*	2	0825	390	20.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	36316.	*	2	0830	391	18.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	36580.	*	2	0835	392	17.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36653.	*	2	0840	393	16.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36577.	*	2	0845	394	15.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	36381.	*	2	0850	395	14.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	36076.	*	2	0855	396	12.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	35669.	*	2	0900	397	11.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	35167.	*	2	0905	398	11.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	34581.	*	2	0910	399	10.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	33924.	*	2	0915	400	9.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	33213.	*	2	0920	401	8.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	32463.	*	2	0925	402	7.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	31667.	*	2	0930	403	7.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	30809.	*	2	0935	404	6.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	29893.	*	2	0940	405	5.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	28923.	*	2	0945	406	5.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	27912.	*	2	0950	407	4.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	26887.	*	2	0955	408	4.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	25860.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	24827.	*	2	1005	410	3.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	23807.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	22823.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	21895.	*	2	1020	413	2.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21005.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20117.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	19244.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	18405.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	17619.	*	2	1045	418	1.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	16854.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16104.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	15369.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	14658.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	13972.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	13301.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	12665.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12076.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	11536.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11014.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	10506.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10018.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	9557.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9133.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	8731.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8348.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	7985.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	7642.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7319.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7017.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	6723.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6435.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6155.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	5888.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	5635.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5400.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5185.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4979.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	4782.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4596.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4422.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4260.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 36653.	13.92	(CFS)	19176.	5363.	1790.	1721.
		(INCHES)	1.310	1.465	1.467	1.467
		(AC-FT)	9509.	10637.	10653.	10653.

CUMULATIVE AREA = 136.12 SQ MI

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763 KK      **************
            *            *
            *     C528   *
            *            *
            **************

764 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .083  TIME INTERVAL IN HOURS

                        COMBINE C4S30A & C3230B
                        TOTAL CAVE CREEK WASH FLOWS TO CAVE CREEK DAM PONDING AREA

767 HC          HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT C528
TRANSPOSITION AREA .0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6532.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	6327.	2		1335	452	2.	3		0820	677	0.
1		0010	3	0.	1		1855	228	6144.	2		1340	453	2.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5957.	2		1345	454	2.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5768.	2		1350	455	2.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5573.	2		1355	456	2.	3		0840	681	0.
1		0030	7	0.	1		1915	232	5375.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	5179.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4989.	2		1410	459	1.	3		0855	684	0.
1		0045	10	0.	1		1930	235	4805.	2		1415	460	1.	3		0900	685	0.
1		0050	11	0.	1		1935	236	4629.	2		1420	461	1.	3		0905	686	0.
1		0055	12	0.	1		1940	237	4461.	2		1425	462	1.	3		0910	687	0.
1		0100	13	0.	1		1945	238	4307.	2		1430	463	1.	3		0915	688	0.
1		0105	14	0.	1		1950	239	4162.	2		1435	464	1.	3		0920	689	0.
1		0110	15	0.	1		1955	240	4027.	2		1440	465	1.	3		0925	690	0.
1		0115	16	0.	1		2000	241	3906.	2		1445	466	1.	3		0930	691	0.
1		0120	17	0.	1		2005	242	3802.	2		1450	467	1.	3		0935	692	0.
1		0125	18	0.	1		2010	243	3717.	2		1455	468	0.	3		0940	693	0.
1		0130	19	0.	1		2015	244	3644.	2		1500	469	0.	3		0945	694	0.
1		0135	20	0.	1		2020	245	3567.	2		1505	470	0.	3		0950	695	0.
1		0140	21	0.	1		2025	246	3484.	2		1510	471	0.	3		0955	696	0.
1		0145	22	0.	1		2030	247	3393.	2		1515	472	0.	3		1000	697	0.
1		0150	23	0.	1		2035	248	3297.	2		1520	473	0.	3		1005	698	0.
1		0155	24	0.	1		2040	249	3197.	2		1525	474	0.	3		1010	699	0.
1		0200	25	0.	1		2045	250	3097.	2		1530	475	0.	3		1015	700	0.
1		0205	26	0.	1		2050	251	2995.	2		1535	476	0.	3		1020	701	0.
1		0210	27	0.	1		2055	252	2890.	2		1540	477	0.	3		1025	702	0.
1		0215	28	0.	1		2100	253	2784.	2		1545	478	0.	3		1030	703	0.
1		0220	29	0.	1		2105	254	2679.	2		1550	479	0.	3		1035	704	0.
1		0225	30	0.	1		2110	255	2575.	2		1555	480	0.	3		1040	705	0.
1		0230	31	0.	1		2115	256	2475.	2		1600	481	0.	3		1045	706	0.
1		0235	32	0.	1		2120	257	2377.	2		1605	482	0.	3		1050	707	0.
1		0240	33	0.	1		2125	258	2284.	2		1610	483	0.	3		1055	708	0.
1		0245	34	1.	1		2130	259	2196.	2		1615	484	0.	3		1100	709	0.
1		0250	35	1.	1		2135	260	2114.	2		1620	485	0.	3		1105	710	0.
1		0255	36	1.	1		2140	261	2042.	2		1625	486	0.	3		1110	711	0.
1		0300	37	1.	1		2145	262	1974.	2		1630	487	0.	3		1115	712	0.
1		0305	38	1.	1		2150	263	1910.	2		1635	488	0.	3		1120	713	0.
1		0310	39	1.	1		2155	264	1847.	2		1640	489	0.	3		1125	714	0.
1		0315	40	1.	1		2200	265	1785.	2		1645	490	0.	3		1130	715	0.
1		0320	41	1.	1		2205	266	1724.	2		1650	491	0.	3		1135	716	0.
1		0325	42	1.	1		2210	267	1665.	2		1655	492	0.	3		1140	717	0.
1		0330	43	1.	1		2215	268	1605.	2		1700	493	0.	3		1145	718	0.
1		0335	44	2.	1		2220	269	1545.	2		1705	494	0.	3		1150	719	0.
1		0340	45	2.	1		2225	270	1481.	2		1710	495	0.	3		1155	720	0.
1		0345	46	2.	1		2230	271	1408.	2		1715	496	0.	3		1200	721	0.
1		0350	47	2.	1		2235	272	1323.	2		1720	497	0.	3		1205	722	0.
1		0355	48	2.	1		2240	273	1212.	2		1725	498	0.	3		1210	723	0.
1		0400	49	2.	1		2245	274	1086.	2		1730	499	0.	3		1215	724	0.
1		0405	50	3.	1		2250	275	998.	2		1735	500	0.	3		1220	725	0.
1		0410	51	3.	1		2255	276	943.	2		1740	501	0.	3		1225	726	0.
1		0415	52	3.	1		2300	277	906.	2		1745	502	0.	3		1230	727	0.
1		0420	53	3.	1		2305	278	878.	2		1750	503	0.	3		1235	728	0.
1		0425	54	4.	1		2310	279	854.	2		1755	504	0.	3		1240	729	0.
1		0430	55	4.	1		2315	280	833.	2		1800	505	0.	3		1245	730	0.
1		0435	56	5.	1		2320	281	814.	2		1805	506	0.	3		1250	731	0.
1		0440	57	5.	1		2325	282	797.	2		1810	507	0.	3		1255	732	0.
1		0445	58	5.	1		2330	283	780.	2		1815	508	0.	3		1300	733	0.
1		0450	59	6.	1		2335	284	766.	2		1820	509	0.	3		1305	734	0.
1		0455	60	6.	1		2340	285	752.	2		1825	510	0.	3		1310	735	0.
1		0500	61	7.	1		2345	286	740.	2		1830	511	0.	3		1315	736	0.
1		0505	62	8.	1		2350	287	728.	2		1835	512	0.	3		1320	737	0.
1		0510	63	9.	1		2355	288	717.	2		1840	513	0.	3		1325	738	0.
1		0515	64	10.	2		0000	289	705.	2		1845	514	0.	3		1330	739	0.
1		0520	65	11.	2		0005	290	694.	2		1850	515	0.	3		1335	740	0.
1		0525	66	14.	2		0010	291	684.	2		1855	516	0.	3		1340	741	0.
1		0530	67	17.	2		0015	292	672.	2		1900	517	0.	3		1345	742	0.
1		0535	68	21.	2		0020	293	660.	2		1905	518	0.	3		1350	743	0.
1		0540	69	26.	2		0025	294	648.	2		1910	519	0.	3		1355	744	0.
1		0545	70	31.	2		0030	295	636.	2		1915	520	0.	3		1400	745	0.
1		0550	71	37.	2		0035	296	624.	2		1920	521	0.	3		1405	746	0.
1		0555	72	44.	2		0040	297	613.	2		1925	522	0.	3		1410	747	0.
1		0600	73	56.	2		0045	298	601.	2		1930	523	0.	3		1415	748	0.
1		0605	74	67.	2		0050	299	590.	2		1935	524	0.	3		1420	749	0.
1		0610	75	77.	2		0055	300	579.	2		1940	525	0.	3		1425	750	0.
1		0615	76	88.	2		0100	301	568.	2		1945	526	0.	3		1430	751	0.
1		0620	77	99.	2		0105	302	558.	2		1950	527	0.	3		1435	752	0.
1		0625	78	110.	2		0110	303	547.	2		1955	528	0.	3		1440	753	0.
1		0630	79	121.	2		0115	304	538.	2		2000	529	0.	3		1445	754	0.
1		0635	80	131.	2		0120	305	529.	2		2005	530	0.	3		1450	755	0.
1		0640	81	139.	2		0125	306	520.	2		2010	531	0.	3		1455	756	0.
1		0645	82	146.	2		0130	307	512.	2		2015	532	0.	3		1500	757	0.
1		0650	83	153.	2		0135	308	504.	2		2020	533	0.	3		1505	758	0.
1		0655	84	159.	2		0140	309	495.	2		2025	534	0.	3		1510	759	0.
1		0700	85	164.	2		0145	310	487.	2		2030	535	0.	3		1515	760	0.
1		0705	86	169.	2		0150	311	478.	2		2035	536	0.	3		1520	761	0.
1		0710	87	174.	2		0155	312	469.	2		2040	537	0.	3		1525	762	0.
1		0715	88	180.	2		0200	313	460.	2		2045	538	0.	3		1530	763	0.
1		0720	89	185.	2		0205	314	451.	2		2050	539	0.	3		1535	764	0.
1		0725	90	190.	2		0210	315	442.	2		2055	540	0.	3		1540	765	0.
1		0730	91	195.	2		0215	316	433.	2		2100	541	0.	3		1545	766	0.
1		0735	92	200.	2		0220	317	424.	2		2105	542	0.	3		1550	767	0.
1		0740	93	205.	2		0225	318	415.	2		2110	543	0.	3		1555	768	0.
1		0745	94	211.	2		0230	319	406.	2		2115	544	0.	3		1600	769	0.
1		0750	95	216.	2		0235	320	397.	2		2120	545	0.	3		1605	770	0.
1		0755	96	221.	2		0240	321	387.	2		2125	546	0.	3		1610	771	0.

1	0800	97	227.	*	2	0245	322	378.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	232.	*	2	0250	323	369.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	237.	*	2	0255	324	359.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	243.	*	2	0300	325	350.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	248.	*	2	0305	326	341.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	254.	*	2	0310	327	332.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	259.	*	2	0315	328	324.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	265.	*	2	0320	329	317.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	271.	*	2	0325	330	310.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	280.	*	2	0330	331	303.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	290.	*	2	0335	332	296.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	300.	*	2	0340	333	290.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	309.	*	2	0345	334	285.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	317.	*	2	0350	335	279.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	326.	*	2	0355	336	274.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	334.	*	2	0400	337	270.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	341.	*	2	0405	338	264.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	349.	*	2	0410	339	259.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	357.	*	2	0415	340	252.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	364.	*	2	0420	341	246.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	372.	*	2	0425	342	239.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	379.	*	2	0430	343	232.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	387.	*	2	0435	344	224.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	395.	*	2	0440	345	217.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	403.	*	2	0445	346	210.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	411.	*	2	0450	347	203.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	419.	*	2	0455	348	196.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	427.	*	2	0500	349	189.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	436.	*	2	0505	350	183.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	444.	*	2	0510	351	176.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	453.	*	2	0515	352	170.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	462.	*	2	0520	353	163.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	471.	*	2	0525	354	157.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	481.	*	2	0530	355	151.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	490.	*	2	0535	356	145.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	500.	*	2	0540	357	139.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	511.	*	2	0545	358	133.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	522.	*	2	0550	359	128.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	535.	*	2	0555	360	122.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	547.	*	2	0600	361	118.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	559.	*	2	0605	362	113.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	571.	*	2	0610	363	110.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	583.	*	2	0615	364	107.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	596.	*	2	0620	365	104.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	610.	*	2	0625	366	101.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	628.	*	2	0630	367	99.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	651.	*	2	0635	368	96.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	685.	*	2	0640	369	93.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	740.	*	2	0645	370	90.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	829.	*	2	0650	371	87.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	962.	*	2	0655	372	84.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1149.	*	2	0700	373	81.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1399.	*	2	0705	374	78.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1721.	*	2	0710	375	75.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	2083.	*	2	0715	376	73.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2403.	*	2	0720	377	70.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2661.	*	2	0725	378	68.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2883.	*	2	0730	379	66.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3153.	*	2	0735	380	64.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3536.	*	2	0740	381	63.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	4158.	*	2	0745	382	61.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	5294.	*	2	0750	383	60.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	7427.	*	2	0755	384	58.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	10838.	*	2	0800	385	57.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	15352.	*	2	0805	386	55.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	21523.	*	2	0810	387	54.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	27565.	*	2	0815	388	53.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	33723.	*	2	0820	389	51.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	39055.	*	2	0825	390	50.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	43385.	*	2	0830	391	48.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	46633.	*	2	0835	392	47.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	48827.	*	2	0840	393	45.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	50126.	*	2	0845	394	43.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	50786.	*	2	0850	395	42.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	50982.	*	2	0855	396	41.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	50838.	*	2	0900	397	40.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	50442.	*	2	0905	398	39.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	49856.	*	2	0910	399	37.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	49123.	*	2	0915	400	36.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	48286.	*	2	0920	401	35.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	47376.	*	2	0925	402	33.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	46409.	*	2	0930	403	32.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	45389.	*	2	0935	404	30.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	44309.	*	2	0940	405	29.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	43172.	*	2	0945	406	27.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	42009.	*	2	0950	407	26.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	40787.	*	2	0955	408	25.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	39482.	*	2	1000	409	23.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	38091.	*	2	1005	410	22.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	36642.	*	2	1010	411	21.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	35187.	*	2	1015	412	20.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	33720.	*	2	1020	413	19.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	32212.	*	2	1025	414	18.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	30712.	*	2	1030	415	17.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	29289.	*	2	1035	416	17.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	27964.	*	2	1040	417	16.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	26668.	*	2	1045	418	16.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	25412.	*	2	1050	419	15.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	24230.	*	2	1055	420	15.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	23183.	*	2	1100	421	15.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	22203.	*	2	1105	422	14.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	21225.	*	2	1110	423	14.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	20272.	*	2	1115	424	13.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	19359.	*	2	1120	425	13.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	18468.	*	2	1125	426	12.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	17706.	*	2	1130	427	12.	*	3	0615	652	0.	*	4	0100	877	0.

1	1650	203	16973.	*	2	1135	428	11.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	16238.	*	2	1140	429	11.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	15523.	*	2	1145	430	10.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	14841.	*	2	1150	431	10.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	14190.	*	2	1155	432	9.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	13609.	*	2	1200	433	9.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	13074.	*	2	1205	434	8.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	12543.	*	2	1210	435	8.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	12042.	*	2	1215	436	7.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	11521.	*	2	1220	437	7.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	11013.	*	2	1225	438	6.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	10533.	*	2	1230	439	6.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	10094.	*	2	1235	440	6.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	9706.	*	2	1240	441	5.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	9353.	*	2	1245	442	5.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	9015.	*	2	1250	443	5.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	8676.	*	2	1255	444	4.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	8339.	*	2	1300	445	4.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	8008.	*	2	1305	446	4.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	7687.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	7340.	*	2	1315	448	3.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	7043.	*	2	1320	449	3.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6773.	*	2	1325	450	3.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 50982.	14.17	(CFS)	25151.	7073.	2362.	2270.
		(INCHES)	1.641	1.845	1.849	1.849
		(AC-FT)	12472.	14028.	14053.	14053.

CUMULATIVE AREA = 142.54 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6522.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	6319.	2		1335	452	2.	3		0820	677	0.
1		0010	3	0.	1		1855	228	6137.	2		1340	453	2.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5949.	2		1345	454	2.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5760.	2		1350	455	2.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5564.	2		1355	456	2.	3		0840	681	0.
1		0030	7	0.	1		1915	232	5366.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	5171.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4981.	2		1410	459	1.	3		0855	684	0.
1		0045	10	0.	1		1930	235	4797.	2		1415	460	1.	3		0900	685	0.
1		0050	11	0.	1		1935	236	4621.	2		1420	461	1.	3		0905	686	0.
1		0055	12	0.	1		1940	237	4454.	2		1425	462	1.	3		0910	687	0.
1		0100	13	0.	1		1945	238	4300.	2		1430	463	1.	3		0915	688	0.
1		0105	14	0.	1		1950	239	4155.	2		1435	464	1.	3		0920	689	0.
1		0110	15	0.	1		1955	240	4021.	2		1440	465	1.	3		0925	690	0.
1		0115	16	0.	1		2000	241	3901.	2		1445	466	1.	3		0930	691	0.
1		0120	17	0.	1		2005	242	3797.	2		1450	467	1.	3		0935	692	0.
1		0125	18	0.	1		2010	243	3713.	2		1455	468	0.	3		0940	693	0.
1		0130	19	0.	1		2015	244	3641.	2		1500	469	0.	3		0945	694	0.
1		0135	20	0.	1		2020	245	3564.	2		1505	470	0.	3		0950	695	0.
1		0140	21	0.	1		2025	246	3480.	2		1510	471	0.	3		0955	696	0.
1		0145	22	0.	1		2030	247	3389.	2		1515	472	0.	3		1000	697	0.
1		0150	23	0.	1		2035	248	3293.	2		1520	473	0.	3		1005	698	0.
1		0155	24	0.	1		2040	249	3192.	2		1525	474	0.	3		1010	699	0.
1		0200	25	0.	1		2045	250	3093.	2		1530	475	0.	3		1015	700	0.
1		0205	26	0.	1		2050	251	2990.	2		1535	476	0.	3		1020	701	0.
1		0210	27	0.	1		2055	252	2885.	2		1540	477	0.	3		1025	702	0.
1		0215	28	0.	1		2100	253	2779.	2		1545	478	0.	3		1030	703	0.
1		0220	29	0.	1		2105	254	2674.	2		1550	479	0.	3		1035	704	0.
1		0225	30	0.	1		2110	255	2571.	2		1555	480	0.	3		1040	705	0.
1		0230	31	0.	1		2115	256	2470.	2		1600	481	0.	3		1045	706	0.
1		0235	32	0.	1		2120	257	2373.	2		1605	482	0.	3		1050	707	0.
1		0240	33	0.	1		2125	258	2280.	2		1610	483	0.	3		1055	708	0.
1		0245	34	1.	1		2130	259	2192.	2		1615	484	0.	3		1100	709	0.
1		0250	35	1.	1		2135	260	2111.	2		1620	485	0.	3		1105	710	0.
1		0255	36	1.	1		2140	261	2039.	2		1625	486	0.	3		1110	711	0.
1		0300	37	1.	1		2145	262	1970.	2		1630	487	0.	3		1115	712	0.
1		0305	38	1.	1		2150	263	1906.	2		1635	488	0.	3		1120	713	0.
1		0310	39	1.	1		2155	264	1844.	2		1640	489	0.	3		1125	714	0.
1		0315	40	1.	1		2200	265	1782.	2		1645	490	0.	3		1130	715	0.
1		0320	41	1.	1		2205	266	1721.	2		1650	491	0.	3		1135	716	0.
1		0325	42	1.	1		2210	267	1662.	2		1655	492	0.	3		1140	717	0.
1		0330	43	1.	1		2215	268	1602.	2		1700	493	0.	3		1145	718	0.
1		0335	44	2.	1		2220	269	1541.	2		1705	494	0.	3		1150	719	0.
1		0340	45	2.	1		2225	270	1477.	2		1710	495	0.	3		1155	720	0.
1		0345	46	2.	1		2230	271	1403.	2		1715	496	0.	3		1200	721	0.
1		0350	47	2.	1		2235	272	1318.	2		1720	497	0.	3		1205	722	0.
1		0355	48	2.	1		2240	273	1205.	2		1725	498	0.	3		1210	723	0.
1		0400	49	2.	1		2245	274	1079.	2		1730	499	0.	3		1215	724	0.
1		0405	50	3.	1		2250	275	993.	2		1735	500	0.	3		1220	725	0.
1		0410	51	3.	1		2255	276	940.	2		1740	501	0.	3		1225	726	0.
1		0415	52	3.	1		2300	277	904.	2		1745	502	0.	3		1230	727	0.
1		0420	53	3.	1		2305	278	876.	2		1750	503	0.	3		1235	728	0.
1		0425	54	4.	1		2310	279	852.	2		1755	504	0.	3		1240	729	0.
1		0430	55	4.	1		2315	280	832.	2		1800	505	0.	3		1245	730	0.
1		0435	56	4.	1		2320	281	813.	2		1805	506	0.	3		1250	731	0.
1		0440	57	5.	1		2325	282	795.	2		1810	507	0.	3		1255	732	0.
1		0445	58	5.	1		2330	283	779.	2		1815	508	0.	3		1300	733	0.
1		0450	59	6.	1		2335	284	764.	2		1820	509	0.	3		1305	734	0.
1		0455	60	6.	1		2340	285	751.	2		1825	510	0.	3		1310	735	0.

1	0500	61	7.	*	1	2345	286	739.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	8.	*	1	2350	287	727.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	9.	*	1	2355	288	716.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	10.	*	2	0000	289	704.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	11.	*	2	0005	290	693.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	14.	*	2	0010	291	683.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	17.	*	2	0015	292	671.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	21.	*	2	0020	293	659.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	26.	*	2	0025	294	647.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	31.	*	2	0030	295	635.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	37.	*	2	0035	296	623.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	43.	*	2	0040	297	612.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	55.	*	2	0045	298	600.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	67.	*	2	0050	299	589.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	77.	*	2	0055	300	578.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	87.	*	2	0100	301	567.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	98.	*	2	0105	302	557.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	110.	*	2	0110	303	546.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	120.	*	2	0115	304	537.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	130.	*	2	0120	305	528.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	139.	*	2	0125	306	520.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	146.	*	2	0130	307	511.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	152.	*	2	0135	308	503.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	158.	*	2	0140	309	494.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	164.	*	2	0145	310	486.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	169.	*	2	0150	311	477.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	174.	*	2	0155	312	468.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	179.	*	2	0200	313	459.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	184.	*	2	0205	314	450.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	189.	*	2	0210	315	441.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	194.	*	2	0215	316	432.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	199.	*	2	0220	317	423.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	204.	*	2	0225	318	414.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	210.	*	2	0230	319	405.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	215.	*	2	0235	320	396.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	220.	*	2	0240	321	387.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	226.	*	2	0245	322	377.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	231.	*	2	0250	323	368.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	237.	*	2	0255	324	359.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	242.	*	2	0300	325	349.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	247.	*	2	0305	326	340.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	253.	*	2	0310	327	332.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	258.	*	2	0315	328	324.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	264.	*	2	0320	329	316.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	270.	*	2	0325	330	309.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	278.	*	2	0330	331	302.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	288.	*	2	0335	332	296.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	298.	*	2	0340	333	290.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	307.	*	2	0345	334	284.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	316.	*	2	0350	335	279.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	324.	*	2	0355	336	274.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	332.	*	2	0400	337	269.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	340.	*	2	0405	338	264.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	348.	*	2	0410	339	258.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	356.	*	2	0415	340	252.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	363.	*	2	0420	341	245.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	371.	*	2	0425	342	238.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	378.	*	2	0430	343	231.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	386.	*	2	0435	344	224.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	394.	*	2	0440	345	217.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	401.	*	2	0445	346	210.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	410.	*	2	0450	347	203.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	418.	*	2	0455	348	196.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	426.	*	2	0500	349	189.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	435.	*	2	0505	350	182.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	443.	*	2	0510	351	176.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	452.	*	2	0515	352	169.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	461.	*	2	0520	353	163.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	470.	*	2	0525	354	157.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	480.	*	2	0530	355	150.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	489.	*	2	0535	356	144.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	499.	*	2	0540	357	139.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	509.	*	2	0545	358	133.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	521.	*	2	0550	359	127.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	533.	*	2	0555	360	122.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	545.	*	2	0600	361	117.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	558.	*	2	0605	362	113.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	570.	*	2	0610	363	110.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	582.	*	2	0615	364	107.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	594.	*	2	0620	365	104.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	609.	*	2	0625	366	101.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	626.	*	2	0630	367	98.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	650.	*	2	0635	368	96.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	684.	*	2	0640	369	93.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	738.	*	2	0645	370	89.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	828.	*	2	0650	371	86.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	960.	*	2	0655	372	83.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1146.	*	2	0700	373	80.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1396.	*	2	0705	374	78.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1719.	*	2	0710	375	75.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	2082.	*	2	0715	376	72.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2402.	*	2	0720	377	70.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2660.	*	2	0725	378	68.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2882.	*	2	0730	379	66.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3152.	*	2	0735	380	64.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3533.	*	2	0740	381	63.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	4152.	*	2	0745	382	61.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	5279.	*	2	0750	383	60.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	7393.	*	2	0755	384	58.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	10788.	*	2	0800	385	57.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	15270.	*	2	0805	386	55.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	21413.	*	2	0810	387	54.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	27417.	*	2	0815	388	52.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	33556.	*	2	0820	389	51.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	38870.	*	2	0825	390	50.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	43188.	*	2	0830	391	48.	*	3	0315	616	0.	*	3	2200	841	0.

1	1350	167	46435.	*	2	0835	392	47.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	48642.	*	2	0840	393	45.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	49948.	*	2	0845	394	43.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	50613.	*	2	0850	395	42.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	50814.	*	2	0855	396	41.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	50676.	*	2	0900	397	40.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	50285.	*	2	0905	398	39.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	49702.	*	2	0910	399	37.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	48975.	*	2	0915	400	36.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	48147.	*	2	0920	401	35.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	47247.	*	2	0925	402	33.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	46291.	*	2	0930	403	32.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	45279.	*	2	0935	404	30.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	44205.	*	2	0940	405	29.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	43076.	*	2	0945	406	27.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	41915.	*	2	0950	407	26.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	40693.	*	2	0955	408	25.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	39387.	*	2	1000	409	23.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	37998.	*	2	1005	410	22.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	36553.	*	2	1010	411	21.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	35105.	*	2	1015	412	20.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	33641.	*	2	1020	413	19.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	32135.	*	2	1025	414	18.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	30641.	*	2	1030	415	17.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	29225.	*	2	1035	416	17.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	27905.	*	2	1040	417	16.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	26612.	*	2	1045	418	16.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	25360.	*	2	1050	419	15.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	24183.	*	2	1055	420	15.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	23143.	*	2	1100	421	14.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	22164.	*	2	1105	422	14.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	21187.	*	2	1110	423	14.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	20236.	*	2	1115	424	13.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	19322.	*	2	1120	425	13.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	18438.	*	2	1125	426	12.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	17678.	*	2	1130	427	12.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	16945.	*	2	1135	428	11.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	16209.	*	2	1140	429	11.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	15497.	*	2	1145	430	10.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	14814.	*	2	1150	431	10.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	14165.	*	2	1155	432	9.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	13587.	*	2	1200	433	9.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	13054.	*	2	1205	434	8.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	12525.	*	2	1210	435	8.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	12022.	*	2	1215	436	7.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	11501.	*	2	1220	437	7.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	10994.	*	2	1225	438	6.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	10515.	*	2	1230	439	6.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	10079.	*	2	1235	440	6.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	9691.	*	2	1240	441	5.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	9340.	*	2	1245	442	5.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	9002.	*	2	1250	443	5.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	8662.	*	2	1255	444	4.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	8325.	*	2	1300	445	4.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7995.	*	2	1305	446	4.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	7674.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	7326.	*	2	1315	448	3.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	7031.	*	2	1320	449	3.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6763.	*	2	1325	450	3.	*	3	0810	675	0.	*	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 50814.	14.17	(CFS)	25082.	7054.	2356.	2264.
		(INCHES)	1.636	1.841	1.844	1.844
		(AC-FT)	12437.	13991.	14016.	14016.

CUMULATIVE AREA = 142.54 SQ MI

HYDROGRAPH AT C528
TRANSPOSITION AREA 10.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6265.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	6083.	2		1335	452	2.	3		0820	677	0.
1		0010	3	0.	1		1855	228	5893.	2		1340	453	2.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5702.	2		1345	454	2.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5504.	2		1350	455	1.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5305.	2		1355	456	1.	3		0840	681	0.
1		0030	7	0.	1		1915	232	5110.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	4921.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4739.	2		1410	459	1.	3		0855	684	0.
1		0045	10	0.	1		1930	235	4565.	2		1415	460	1.	3		0900	685	0.
1		0050	11	0.	1		1935	236	4399.	2		1420	461	1.	3		0905	686	0.
1		0055	12	0.	1		1940	237	4250.	2		1425	462	1.	3		0910	687	0.
1		0100	13	0.	1		1945	238	4106.	2		1430	463	1.	3		0915	688	0.
1		0105	14	0.	1		1950	239	3976.	2		1435	464	1.	3		0920	689	0.
1		0110	15	0.	1		1955	240	3861.	2		1440	465	1.	3		0925	690	0.
1		0115	16	0.	1		2000	241	3764.	2		1445	466	0.	3		0930	691	0.
1		0120	17	0.	1		2005	242	3685.	2		1450	467	0.	3		0935	692	0.
1		0125	18	0.	1		2010	243	3612.	2		1455	468	0.	3		0940	693	0.
1		0130	19	0.	1		2015	244	3532.	2		1500	469	0.	3		0945	694	0.
1		0135	20	0.	1		2020	245	3445.	2		1505	470	0.	3		0950	695	0.
1		0140	21	0.	1		2025	246	3351.	2		1510	471	0.	3		0955	696	0.
1		0145	22	0.	1		2030	247	3253.	2		1515	472	0.	3		1000	697	0.
1		0150	23	0.	1		2035	248	3151.	2		1520	473	0.	3		1005	698	0.
1		0155	24	0.	1		2040	249	3051.	2		1525	474	0.	3		1010	699	0.

1	0200	25	0.	*	1	2045	250	2946.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	0.	*	1	2050	251	2840.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	0.	*	1	2055	252	2734.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	0.	*	1	2100	253	2629.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	0.	*	1	2105	254	2526.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	0.	*	1	2110	255	2426.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	0.	*	1	2115	256	2330.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	0.	*	1	2120	257	2239.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	0.	*	1	2125	258	2153.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	1.	*	1	2130	259	2076.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	1.	*	1	2135	260	2005.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	1.	*	1	2140	261	1939.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	1.	*	1	2145	262	1874.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	1.	*	1	2150	263	1812.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	1.	*	1	2155	264	1750.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	1.	*	1	2200	265	1688.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	1.	*	1	2205	266	1628.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	1.	*	1	2210	267	1566.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	1.	*	1	2215	268	1501.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	2.	*	1	2220	269	1427.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	2.	*	1	2225	270	1341.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	2.	*	1	2230	271	1232.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	2.	*	1	2235	272	1104.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	2.	*	1	2240	273	1004.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	2.	*	1	2245	274	942.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	3.	*	1	2250	275	901.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	3.	*	1	2255	276	871.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	3.	*	1	2300	277	847.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	3.	*	1	2305	278	826.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	4.	*	1	2310	279	806.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	4.	*	1	2315	280	789.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	4.	*	1	2320	281	772.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	5.	*	1	2325	282	758.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	5.	*	1	2330	283	745.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	6.	*	1	2335	284	732.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	6.	*	1	2340	285	720.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	7.	*	1	2345	286	708.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	7.	*	1	2350	287	696.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	8.	*	1	2355	288	686.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	9.	*	2	0000	289	674.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	10.	*	2	0005	290	661.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	11.	*	2	0010	291	649.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	13.	*	2	0015	292	637.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	16.	*	2	0020	293	624.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	19.	*	2	0025	294	612.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	23.	*	2	0030	295	600.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	28.	*	2	0035	296	589.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	33.	*	2	0040	297	577.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	39.	*	2	0045	298	566.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	46.	*	2	0050	299	555.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	57.	*	2	0055	300	545.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	67.	*	2	0100	301	535.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	77.	*	2	0105	302	526.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	86.	*	2	0110	303	518.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	95.	*	2	0115	304	510.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	106.	*	2	0120	305	501.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	116.	*	2	0125	306	492.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	125.	*	2	0130	307	484.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	133.	*	2	0135	308	475.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	140.	*	2	0140	309	466.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	146.	*	2	0145	310	457.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	152.	*	2	0150	311	449.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	157.	*	2	0155	312	440.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	162.	*	2	0200	313	432.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	166.	*	2	0205	314	423.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	171.	*	2	0210	315	415.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	175.	*	2	0215	316	406.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	180.	*	2	0220	317	398.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	184.	*	2	0225	318	389.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	189.	*	2	0230	319	381.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	194.	*	2	0235	320	372.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	198.	*	2	0240	321	364.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	203.	*	2	0245	322	355.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	208.	*	2	0250	323	346.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	213.	*	2	0255	324	338.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	218.	*	2	0300	325	330.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	223.	*	2	0305	326	323.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	228.	*	2	0310	327	316.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	233.	*	2	0315	328	309.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	238.	*	2	0320	329	303.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	243.	*	2	0325	330	297.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	249.	*	2	0330	331	291.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	254.	*	2	0335	332	285.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	259.	*	2	0340	333	280.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	265.	*	2	0345	334	275.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	271.	*	2	0350	335	270.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	280.	*	2	0355	336	266.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	290.	*	2	0400	337	260.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	300.	*	2	0405	338	254.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	310.	*	2	0410	339	247.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	319.	*	2	0415	340	240.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	328.	*	2	0420	341	233.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	336.	*	2	0425	342	226.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	345.	*	2	0430	343	219.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	353.	*	2	0435	344	212.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	361.	*	2	0440	345	205.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	369.	*	2	0445	346	198.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	377.	*	2	0450	347	191.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	385.	*	2	0455	348	185.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	393.	*	2	0500	349	178.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	401.	*	2	0505	350	171.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	409.	*	2	0510	351	165.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	417.	*	2	0515	352	159.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	426.	*	2	0520	353	152.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	435.	*	2	0525	354	146.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	444.	*	2	0530	355	140.	*	3	0015	580	0.	*	3	1900	805	0.

1	1050	131	453.	*	2	0535	356	134.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	462.	*	2	0540	357	129.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	471.	*	2	0545	358	123.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	481.	*	2	0550	359	119.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	491.	*	2	0555	360	114.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	501.	*	2	0600	361	111.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	511.	*	2	0605	362	107.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	523.	*	2	0610	363	105.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	536.	*	2	0615	364	102.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	550.	*	2	0620	365	99.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	565.	*	2	0625	366	96.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	582.	*	2	0630	367	93.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	605.	*	2	0635	368	90.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	638.	*	2	0640	369	87.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	689.	*	2	0645	370	84.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	771.	*	2	0650	371	81.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	902.	*	2	0655	372	78.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1083.	*	2	0700	373	75.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1332.	*	2	0705	374	73.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1660.	*	2	0710	375	71.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	2049.	*	2	0715	376	69.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2385.	*	2	0720	377	67.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2642.	*	2	0725	378	65.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2856.	*	2	0730	379	63.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3106.	*	2	0735	380	61.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3451.	*	2	0740	381	60.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	3990.	*	2	0745	382	58.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	4888.	*	2	0750	383	57.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	6546.	*	2	0755	384	56.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	9423.	*	2	0800	385	54.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	13086.	*	2	0805	386	53.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	18247.	*	2	0810	387	51.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	23891.	*	2	0815	388	50.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	29254.	*	2	0820	389	48.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	34112.	*	2	0825	390	47.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	38028.	*	2	0830	391	45.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	41000.	*	2	0835	392	44.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	43089.	*	2	0840	393	42.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	44524.	*	2	0845	394	41.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	45432.	*	2	0850	395	40.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	45871.	*	2	0855	396	39.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	45976.	*	2	0900	397	37.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	45835.	*	2	0905	398	36.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	45501.	*	2	0910	399	35.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	45008.	*	2	0915	400	33.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	44383.	*	2	0920	401	32.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	43649.	*	2	0925	402	30.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	42850.	*	2	0930	403	29.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	41980.	*	2	0935	404	27.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	41025.	*	2	0940	405	26.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	39977.	*	2	0945	406	25.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	38846.	*	2	0950	407	23.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	37655.	*	2	0955	408	22.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	36424.	*	2	1000	409	21.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	35176.	*	2	1005	410	20.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	33890.	*	2	1010	411	19.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	32540.	*	2	1015	412	18.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	31166.	*	2	1020	413	17.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	29823.	*	2	1025	414	17.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	28563.	*	2	1030	415	16.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	27340.	*	2	1035	416	16.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	26124.	*	2	1040	417	15.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	24948.	*	2	1045	418	15.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	23849.	*	2	1050	419	15.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	22881.	*	2	1055	420	14.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	21922.	*	2	1100	421	14.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	20968.	*	2	1105	422	13.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	20040.	*	2	1110	423	13.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	19136.	*	2	1115	424	12.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	18290.	*	2	1120	425	12.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	17544.	*	2	1125	426	11.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	16813.	*	2	1130	427	11.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	16081.	*	2	1135	428	10.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	15378.	*	2	1140	429	10.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	14700.	*	2	1145	430	9.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	14062.	*	2	1150	431	9.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	13494.	*	2	1155	432	8.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	12963.	*	2	1200	433	8.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	12439.	*	2	1205	434	7.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	11932.	*	2	1210	435	7.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	11412.	*	2	1215	436	6.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	10907.	*	2	1220	437	6.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	10435.	*	2	1225	438	6.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	10006.	*	2	1230	439	5.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	9621.	*	2	1235	440	5.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	9274.	*	2	1240	441	5.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8932.	*	2	1245	442	4.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8590.	*	2	1250	443	4.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	8250.	*	2	1255	444	4.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7919.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7588.	*	2	1305	446	3.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	7248.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6957.	*	2	1315	448	3.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6694.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6462.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
+ 45976.	14.25	(CFS)	23099.	6517.	2176.	2091.
		(INCHES)	1.507	1.700	1.703	1.703
		(AC-FT)	11454.	12927.	12949.	12949.

CUMULATIVE AREA = 142.54 SQ MI

HYDROGRAPH AT C528
TRANSPOSITION AREA 20.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6137.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	5948.	2		1335	452	2.	3		0820	677	0.
1		0010	3	0.	1		1855	228	5757.	2		1340	453	2.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5559.	2		1345	454	1.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5360.	2		1350	455	1.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5164.	2		1355	456	1.	3		0840	681	0.
1		0030	7	0.	1		1915	232	4972.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	4788.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4611.	2		1410	459	1.	3		0855	684	0.
1		0045	10	0.	1		1930	235	4442.	2		1415	460	1.	3		0900	685	0.
1		0050	11	0.	1		1935	236	4289.	2		1420	461	1.	3		0905	686	0.
1		0055	12	0.	1		1940	237	4143.	2		1425	462	1.	3		0910	687	0.
1		0100	13	0.	1		1945	238	4008.	2		1430	463	1.	3		0915	688	0.
1		0105	14	0.	1		1950	239	3889.	2		1435	464	1.	3		0920	689	0.
1		0110	15	0.	1		1955	240	3786.	2		1440	465	0.	3		0925	690	0.
1		0115	16	0.	1		2000	241	3703.	2		1445	466	0.	3		0930	691	0.
1		0120	17	0.	1		2005	242	3631.	2		1450	467	0.	3		0935	692	0.
1		0125	18	0.	1		2010	243	3552.	2		1455	468	0.	3		0940	693	0.
1		0130	19	0.	1		2015	244	3466.	2		1500	469	0.	3		0945	694	0.
1		0135	20	0.	1		2020	245	3374.	2		1505	470	0.	3		0950	695	0.
1		0140	21	0.	1		2025	246	3276.	2		1510	471	0.	3		0955	696	0.
1		0145	22	0.	1		2030	247	3174.	2		1515	472	0.	3		1000	697	0.
1		0150	23	0.	1		2035	248	3074.	2		1520	473	0.	3		1005	698	0.
1		0155	24	0.	1		2040	249	2970.	2		1525	474	0.	3		1010	699	0.
1		0200	25	0.	1		2045	250	2863.	2		1530	475	0.	3		1015	700	0.
1		0205	26	0.	1		2050	251	2757.	2		1535	476	0.	3		1020	701	0.
1		0210	27	0.	1		2055	252	2651.	2		1540	477	0.	3		1025	702	0.
1		0215	28	0.	1		2100	253	2547.	2		1545	478	0.	3		1030	703	0.
1		0220	29	0.	1		2105	254	2446.	2		1550	479	0.	3		1035	704	0.
1		0225	30	0.	1		2110	255	2349.	2		1555	480	0.	3		1040	705	0.
1		0230	31	0.	1		2115	256	2257.	2		1600	481	0.	3		1045	706	0.
1		0235	32	0.	1		2120	257	2169.	2		1605	482	0.	3		1050	707	0.
1		0240	33	0.	1		2125	258	2090.	2		1610	483	0.	3		1055	708	0.
1		0245	34	1.	1		2130	259	2018.	2		1615	484	0.	3		1100	709	0.
1		0250	35	1.	1		2135	260	1950.	2		1620	485	0.	3		1105	710	0.
1		0255	36	1.	1		2140	261	1886.	2		1625	486	0.	3		1110	711	0.
1		0300	37	1.	1		2145	262	1822.	2		1630	487	0.	3		1115	712	0.
1		0305	38	1.	1		2150	263	1760.	2		1635	488	0.	3		1120	713	0.
1		0310	39	1.	1		2155	264	1698.	2		1640	489	0.	3		1125	714	0.
1		0315	40	1.	1		2200	265	1637.	2		1645	490	0.	3		1130	715	0.
1		0320	41	1.	1		2205	266	1574.	2		1650	491	0.	3		1135	716	0.
1		0325	42	1.	1		2210	267	1509.	2		1655	492	0.	3		1140	717	0.
1		0330	43	1.	1		2215	268	1434.	2		1700	493	0.	3		1145	718	0.
1		0335	44	2.	1		2220	269	1348.	2		1705	494	0.	3		1150	719	0.
1		0340	45	2.	1		2225	270	1238.	2		1710	495	0.	3		1155	720	0.
1		0345	46	2.	1		2230	271	1109.	2		1715	496	0.	3		1200	721	0.
1		0350	47	2.	1		2235	272	1005.	2		1720	497	0.	3		1205	722	0.
1		0355	48	2.	1		2240	273	940.	2		1725	498	0.	3		1210	723	0.
1		0400	49	2.	1		2245	274	898.	2		1730	499	0.	3		1215	724	0.
1		0405	50	3.	1		2250	275	867.	2		1735	500	0.	3		1220	725	0.
1		0410	51	3.	1		2255	276	842.	2		1740	501	0.	3		1225	726	0.
1		0415	52	3.	1		2300	277	821.	2		1745	502	0.	3		1230	727	0.
1		0420	53	3.	1		2305	278	802.	2		1750	503	0.	3		1235	728	0.
1		0425	54	4.	1		2310	279	784.	2		1755	504	0.	3		1240	729	0.
1		0430	55	4.	1		2315	280	768.	2		1800	505	0.	3		1245	730	0.
1		0435	56	4.	1		2320	281	753.	2		1805	506	0.	3		1250	731	0.
1		0440	57	5.	1		2325	282	740.	2		1810	507	0.	3		1255	732	0.
1		0445	58	5.	1		2330	283	728.	2		1815	508	0.	3		1300	733	0.
1		0450	59	5.	1		2335	284	715.	2		1820	509	0.	3		1305	734	0.
1		0455	60	6.	1		2340	285	703.	2		1825	510	0.	3		1310	735	0.
1		0500	61	6.	1		2345	286	692.	2		1830	511	0.	3		1315	736	0.
1		0505	62	7.	1		2350	287	680.	2		1835	512	0.	3		1320	737	0.
1		0510	63	8.	1		2355	288	668.	2		1840	513	0.	3		1325	738	0.
1		0515	64	8.	2		0000	289	655.	2		1845	514	0.	3		1330	739	0.
1		0520	65	9.	2		0005	290	643.	2		1850	515	0.	3		1335	740	0.
1		0525	66	10.	2		0010	291	630.	2		1855	516	0.	3		1340	741	0.
1		0530	67	12.	2		0015	292	618.	2		1900	517	0.	3		1345	742	0.
1		0535	68	14.	2		0020	293	605.	2		1905	518	0.	3		1350	743	0.
1		0540	69	17.	2		0025	294	593.	2		1910	519	0.	3		1355	744	0.
1		0545	70	20.	2		0030	295	582.	2		1915	520	0.	3		1400	745	0.
1		0550	71	24.	2		0035	296	570.	2		1920	521	0.	3		1405	746	0.
1		0555	72	29.	2		0040	297	559.	2		1925	522	0.	3		1410	747	0.
1		0600	73	34.	2		0045	298	548.	2		1930	523	0.	3		1415	748	0.
1		0605	74	39.	2		0050	299	538.	2		1935	524	0.	3		1420	749	0.
1		0610	75	46.	2		0055	300	529.	2		1940	525	0.	3		1425	750	0.
1		0615	76	57.	2		0100	301	520.	2		1945	526	0.	3		1430	751	0.
1		0620	77	66.	2		0105	302	512.	2		1950	527	0.	3		1435	752	0.
1		0625	78	75.	2		0110	303	503.	2		1955	528	0.	3		1440	753	0.
1		0630	79	84.	2		0115	304	495.	2		2000	529	0.	3		1445	754	0.
1		0635	80	92.	2		0120	305	486.	2		2005	530	0.	3		1450	755	0.
1		0640	81	102.	2		0125	306	477.	2		2010	531	0.	3		1455	756	0.
1		0645	82	112.	2		0130	307	468.	2		2015	532	0.	3		1500	757	0.
1		0650	83	122.	2		0135	308	459.	2		2020	533	0.	3		1505	758	0.
1		0655	84	130.	2		0140	309	451.	2		2025	534	0.	3		1510	759	0.
1		0700	85	137.	2		0145	310	442.	2		2030	535	0.	3		1515	760	0.
1		0705	86	143.	2		0150	311	434.	2		2035	536	0.	3		1520	761	0.
1		0710	87	148.	2		0155	312	426.	2		2040	537	0.	3		1525	762	0.
1		0715	88	153.	2		0200	313	417.	2		2045	538	0.	3		1530	763	0.
1		0720	89	158.	2		0205	314	409.	2		2050	539	0.	3		1535	764	0.
1		0725	90	162.	2		0210	315	401.	2		2055	540	0.	3		1540	765	0.
1		0730	91	166.	2		0215	316	393.	2		2100	541	0.	3		1545	766	0.
1		0735	92	171.	2		0220	317	385.	2		2105	542	0.	3		1550	767	0.
1		0740	93	175.	2		0225	318	377.	2		2110	543	0.	3		1555	768	0.
1		0745	94	179.	2		0230	319	368.	2		2115	544	0.	3		1600	769	0.

1	0750	95	183.	*	2	0235	320	360.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	188.	*	2	0240	321	352.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	192.	*	2	0245	322	344.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	197.	*	2	0250	323	336.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	201.	*	2	0255	324	328.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	206.	*	2	0300	325	321.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	211.	*	2	0305	326	314.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	215.	*	2	0310	327	308.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	220.	*	2	0315	328	302.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	225.	*	2	0320	329	296.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	230.	*	2	0325	330	290.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	235.	*	2	0330	331	285.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	240.	*	2	0335	332	280.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	246.	*	2	0340	333	275.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	251.	*	2	0345	334	270.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	256.	*	2	0350	335	266.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	261.	*	2	0355	336	260.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	267.	*	2	0400	337	254.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	274.	*	2	0405	338	248.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	285.	*	2	0410	339	241.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	295.	*	2	0415	340	234.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	305.	*	2	0420	341	227.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	314.	*	2	0425	342	220.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	324.	*	2	0430	343	213.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	333.	*	2	0435	344	206.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	342.	*	2	0440	345	199.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	350.	*	2	0445	346	192.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	358.	*	2	0450	347	185.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	367.	*	2	0455	348	179.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	375.	*	2	0500	349	172.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	383.	*	2	0505	350	166.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	391.	*	2	0510	351	159.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	399.	*	2	0515	352	153.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	408.	*	2	0520	353	147.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	416.	*	2	0525	354	141.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	425.	*	2	0530	355	135.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	434.	*	2	0535	356	129.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	443.	*	2	0540	357	124.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	452.	*	2	0545	358	119.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	461.	*	2	0550	359	114.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	471.	*	2	0555	360	111.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	480.	*	2	0600	361	108.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	490.	*	2	0605	362	105.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	501.	*	2	0610	363	102.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	512.	*	2	0615	364	99.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	525.	*	2	0620	365	96.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	540.	*	2	0625	366	93.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	558.	*	2	0630	367	90.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	581.	*	2	0635	368	87.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	615.	*	2	0640	369	84.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	665.	*	2	0645	370	81.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	743.	*	2	0650	371	78.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	874.	*	2	0655	372	76.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1054.	*	2	0700	373	73.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1303.	*	2	0705	374	71.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1634.	*	2	0710	375	69.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	2032.	*	2	0715	376	67.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2375.	*	2	0720	377	65.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2634.	*	2	0725	378	63.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2844.	*	2	0730	379	62.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3085.	*	2	0735	380	60.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3416.	*	2	0740	381	59.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	3921.	*	2	0745	382	57.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	4739.	*	2	0750	383	56.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	6210.	*	2	0755	384	54.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	8808.	*	2	0800	385	53.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	12167.	*	2	0805	386	51.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	16743.	*	2	0810	387	50.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	22253.	*	2	0815	388	48.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	27273.	*	2	0820	389	47.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32017.	*	2	0825	390	45.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	35839.	*	2	0830	391	44.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38740.	*	2	0835	392	42.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	40813.	*	2	0840	393	41.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	42155.	*	2	0845	394	40.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	42972.	*	2	0850	395	39.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	43406.	*	2	0855	396	37.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	43548.	*	2	0900	397	36.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	43466.	*	2	0905	398	35.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	43208.	*	2	0910	399	33.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	42808.	*	2	0915	400	32.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	42286.	*	2	0920	401	30.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	41655.	*	2	0925	402	29.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	40926.	*	2	0930	403	27.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	40106.	*	2	0935	404	26.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	39194.	*	2	0940	405	24.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	38187.	*	2	0945	406	23.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	37092.	*	2	0950	407	22.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	35953.	*	2	0955	408	21.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	34819.	*	2	1000	409	20.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	33629.	*	2	1005	410	19.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	32383.	*	2	1010	411	18.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	31112.	*	2	1015	412	17.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	29859.	*	2	1020	413	17.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	28669.	*	2	1025	414	16.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	27504.	*	2	1030	415	16.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	26334.	*	2	1035	416	15.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	25187.	*	2	1040	417	15.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	24099.	*	2	1045	418	14.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	23128.	*	2	1050	419	14.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	22193.	*	2	1055	420	14.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	21251.	*	2	1100	421	13.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	20326.	*	2	1105	422	13.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	19435.	*	2	1110	423	12.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	18550.	*	2	1115	424	12.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	17794.	*	2	1120	425	11.	*	3	0605	650	0.	*	4	0050	875	0.

1	1640	201	17069.	*	2	1125	426	11.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	16337.	*	2	1130	427	10.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	15619.	*	2	1135	428	10.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	14938.	*	2	1140	429	9.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	14282.	*	2	1145	430	9.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	13692.	*	2	1150	431	8.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	13151.	*	2	1155	432	8.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	12617.	*	2	1200	433	7.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	12117.	*	2	1205	434	7.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	11597.	*	2	1210	435	6.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	11085.	*	2	1215	436	6.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	10598.	*	2	1220	437	6.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	10152.	*	2	1225	438	5.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9755.	*	2	1230	439	5.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	9393.	*	2	1235	440	5.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	9051.	*	2	1240	441	4.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8707.	*	2	1245	442	4.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8364.	*	2	1250	443	4.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	8028.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7701.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7348.	*	2	1305	446	3.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	7045.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6772.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6527.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6321.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 43548.	14.25	(CFS)	22095.	6245.	2085.	2004.
		(INCHES)	1.441	1.629	1.632	1.632
		(AC-FT)	10956.	12386.	12408.	12408.

CUMULATIVE AREA = 142.54 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	5889.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	5697.	2		1335	452	1.	3		0820	677	0.
1		0010	3	0.	1		1855	228	5496.	2		1340	453	1.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5296.	2		1345	454	1.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5100.	2		1350	455	1.	3		0835	680	0.
1		0025	6	0.	1		1910	231	4910.	2		1355	456	1.	3		0840	681	0.
1		0030	7	0.	1		1915	232	4727.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	4552.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4387.	2		1410	459	1.	3		0855	684	0.
1		0045	10	0.	1		1930	235	4236.	2		1415	460	1.	3		0900	685	0.
1		0050	11	0.	1		1935	236	4093.	2		1420	461	1.	3		0905	686	0.
1		0055	12	0.	1		1940	237	3963.	2		1425	462	1.	3		0910	687	0.
1		0100	13	0.	1		1945	238	3849.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	3754.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	3675.	2		1440	465	0.	3		0925	690	0.
1		0115	16	0.	1		2000	241	3600.	2		1445	466	0.	3		0930	691	0.
1		0120	17	0.	1		2005	242	3518.	2		1450	467	0.	3		0935	692	0.
1		0125	18	0.	1		2010	243	3429.	2		1455	468	0.	3		0940	693	0.
1		0130	19	0.	1		2015	244	3334.	2		1500	469	0.	3		0945	694	0.
1		0135	20	0.	1		2020	245	3234.	2		1505	470	0.	3		0950	695	0.
1		0140	21	0.	1		2025	246	3132.	2		1510	471	0.	3		0955	696	0.
1		0145	22	0.	1		2030	247	3030.	2		1515	472	0.	3		1000	697	0.
1		0150	23	0.	1		2035	248	2924.	2		1520	473	0.	3		1005	698	0.
1		0155	24	0.	1		2040	249	2817.	2		1525	474	0.	3		1010	699	0.
1		0200	25	0.	1		2045	250	2710.	2		1530	475	0.	3		1015	700	0.
1		0205	26	0.	1		2050	251	2604.	2		1535	476	0.	3		1020	701	0.
1		0210	27	0.	1		2055	252	2501.	2		1540	477	0.	3		1025	702	0.
1		0215	28	0.	1		2100	253	2401.	2		1545	478	0.	3		1030	703	0.
1		0220	29	0.	1		2105	254	2305.	2		1550	479	0.	3		1035	704	0.
1		0225	30	0.	1		2110	255	2214.	2		1555	480	0.	3		1040	705	0.
1		0230	31	0.	1		2115	256	2129.	2		1600	481	0.	3		1045	706	0.
1		0235	32	0.	1		2120	257	2055.	2		1605	482	0.	3		1050	707	0.
1		0240	33	0.	1		2125	258	1984.	2		1610	483	0.	3		1055	708	0.
1		0245	34	1.	1		2130	259	1918.	2		1615	484	0.	3		1100	709	0.
1		0250	35	1.	1		2135	260	1853.	2		1620	485	0.	3		1105	710	0.
1		0255	36	1.	1		2140	261	1789.	2		1625	486	0.	3		1110	711	0.
1		0300	37	1.	1		2145	262	1726.	2		1630	487	0.	3		1115	712	0.
1		0305	38	1.	1		2150	263	1664.	2		1635	488	0.	3		1120	713	0.
1		0310	39	1.	1		2155	264	1600.	2		1640	489	0.	3		1125	714	0.
1		0315	40	1.	1		2200	265	1534.	2		1645	490	0.	3		1130	715	0.
1		0320	41	1.	1		2205	266	1461.	2		1650	491	0.	3		1135	716	0.
1		0325	42	1.	1		2210	267	1376.	2		1655	492	0.	3		1140	717	0.
1		0330	43	1.	1		2215	268	1273.	2		1700	493	0.	3		1145	718	0.
1		0335	44	2.	1		2220	269	1144.	2		1705	494	0.	3		1150	719	0.
1		0340	45	2.	1		2225	270	1023.	2		1710	495	0.	3		1155	720	0.
1		0345	46	2.	1		2230	271	947.	2		1715	496	0.	3		1200	721	0.
1		0350	47	2.	1		2235	272	899.	2		1720	497	0.	3		1205	722	0.
1		0355	48	2.	1		2240	273	866.	2		1725	498	0.	3		1210	723	0.
1		0400	49	2.	1		2245	274	839.	2		1730	499	0.	3		1215	724	0.
1		0405	50	3.	1		2250	275	817.	2		1735	500	0.	3		1220	725	0.
1		0410	51	3.	1		2255	276	797.	2		1740	501	0.	3		1225	726	0.
1		0415	52	3.	1		2300	277	779.	2		1745	502	0.	3		1230	727	0.
1		0420	53	3.	1		2305	278	763.	2		1750	503	0.	3		1235	728	0.
1		0425	54	3.	1		2310	279	749.	2		1755	504	0.	3		1240	729	0.
1		0430	55	4.	1		2315	280	735.	2		1800	505	0.	3		1245	730	0.
1		0435	56	4.	1		2320	281	722.	2		1805	506	0.	3		1250	731	0.
1		0440	57	4.	1		2325	282	709.	2		1810	507	0.	3		1255	732	0.
1		0445	58	5.	1		2330	283	696.	2		1815	508	0.	3		1300	733	0.

1	0450	59	5.	*	1	2335	284	685.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	6.	*	1	2340	285	672.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	6.	*	1	2345	286	659.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	7.	*	1	2350	287	646.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	7.	*	1	2355	288	633.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	8.	*	2	0000	289	620.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	8.	*	2	0005	290	607.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	9.	*	2	0010	291	595.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	10.	*	2	0015	292	583.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	11.	*	2	0020	293	571.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	13.	*	2	0025	294	559.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	15.	*	2	0030	295	548.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	18.	*	2	0035	296	538.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	22.	*	2	0040	297	528.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	26.	*	2	0045	298	519.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	30.	*	2	0050	299	511.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	35.	*	2	0055	300	502.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	40.	*	2	0100	301	493.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	46.	*	2	0105	302	484.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	56.	*	2	0110	303	474.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	65.	*	2	0115	304	466.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	73.	*	2	0120	305	457.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	81.	*	2	0125	306	448.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	88.	*	2	0130	307	440.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	96.	*	2	0135	308	431.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	105.	*	2	0140	309	423.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	114.	*	2	0145	310	415.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	122.	*	2	0150	311	408.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	130.	*	2	0155	312	400.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	136.	*	2	0200	313	392.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	141.	*	2	0205	314	384.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	146.	*	2	0210	315	377.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	150.	*	2	0215	316	369.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	154.	*	2	0220	317	361.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	158.	*	2	0225	318	354.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	162.	*	2	0230	319	346.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	166.	*	2	0235	320	339.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	170.	*	2	0240	321	332.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	174.	*	2	0245	322	325.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	178.	*	2	0250	323	318.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	182.	*	2	0255	324	312.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	185.	*	2	0300	325	307.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	189.	*	2	0305	326	301.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	194.	*	2	0310	327	295.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	198.	*	2	0315	328	290.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	202.	*	2	0320	329	285.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	207.	*	2	0325	330	280.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	211.	*	2	0330	331	275.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	216.	*	2	0335	332	271.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	221.	*	2	0340	333	266.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	226.	*	2	0345	334	261.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	230.	*	2	0350	335	255.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	236.	*	2	0355	336	248.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	241.	*	2	0400	337	242.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	246.	*	2	0405	338	235.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	251.	*	2	0410	339	228.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	257.	*	2	0415	340	221.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	263.	*	2	0420	341	214.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	269.	*	2	0425	342	207.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	276.	*	2	0430	343	201.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	288.	*	2	0435	344	194.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	299.	*	2	0440	345	187.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	309.	*	2	0445	346	180.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	319.	*	2	0450	347	174.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	329.	*	2	0455	348	167.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	338.	*	2	0500	349	161.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	347.	*	2	0505	350	155.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	356.	*	2	0510	351	148.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	365.	*	2	0515	352	142.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	374.	*	2	0520	353	136.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	382.	*	2	0525	354	131.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	391.	*	2	0530	355	125.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	399.	*	2	0535	356	120.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	408.	*	2	0540	357	115.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	417.	*	2	0545	358	112.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	426.	*	2	0550	359	108.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	435.	*	2	0555	360	105.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	444.	*	2	0600	361	103.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	453.	*	2	0605	362	100.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	463.	*	2	0610	363	97.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	473.	*	2	0615	364	94.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	484.	*	2	0620	365	91.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	496.	*	2	0625	366	88.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	512.	*	2	0630	367	85.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	534.	*	2	0635	368	82.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	568.	*	2	0640	369	79.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	619.	*	2	0645	370	76.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	697.	*	2	0650	371	74.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	821.	*	2	0655	372	71.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	1003.	*	2	0700	373	69.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1255.	*	2	0705	374	67.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1589.	*	2	0710	375	65.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	2001.	*	2	0715	376	64.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2357.	*	2	0720	377	62.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2621.	*	2	0725	378	60.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2825.	*	2	0730	379	59.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3051.	*	2	0735	380	57.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3359.	*	2	0740	381	56.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	3805.	*	2	0745	382	54.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	4503.	*	2	0750	383	53.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	5701.	*	2	0755	384	52.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	7794.	*	2	0800	385	50.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	10767.	*	2	0805	386	48.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	14439.	*	2	0810	387	47.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	19307.	*	2	0815	388	45.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	23993.	*	2	0820	389	44.	*	3	0305	614	0.	*	3	2150	839	0.

1	1340	165	28335.	*	2	0825	390	42.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	32079.	*	2	0830	391	41.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	34929.	*	2	0835	392	40.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36920.	*	2	0840	393	39.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	38264.	*	2	0845	394	37.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	39074.	*	2	0850	395	36.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	39477.	*	2	0855	396	35.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	39605.	*	2	0900	397	33.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	39537.	*	2	0905	398	32.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	39313.	*	2	0910	399	30.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	38953.	*	2	0915	400	29.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	38470.	*	2	0920	401	27.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	37873.	*	2	0925	402	26.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	37177.	*	2	0930	403	25.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	36402.	*	2	0935	404	23.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	35584.	*	2	0940	405	22.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	34706.	*	2	0945	406	21.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	33759.	*	2	0950	407	20.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	32775.	*	2	0955	408	19.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	31775.	*	2	1000	409	18.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	30748.	*	2	1005	410	17.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	29715.	*	2	1010	411	17.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	28706.	*	2	1015	412	16.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	27683.	*	2	1020	413	16.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	26627.	*	2	1025	414	15.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	25567.	*	2	1030	415	15.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	24534.	*	2	1035	416	14.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	23574.	*	2	1040	417	14.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22691.	*	2	1045	418	14.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	21795.	*	2	1050	419	13.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	20896.	*	2	1055	420	13.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	20014.	*	2	1100	421	12.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	19145.	*	2	1105	422	12.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	18327.	*	2	1110	423	11.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	17601.	*	2	1115	424	11.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	16885.	*	2	1120	425	10.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	16164.	*	2	1125	426	10.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15464.	*	2	1130	427	9.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	14788.	*	2	1135	428	9.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	14146.	*	2	1140	429	8.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13575.	*	2	1145	430	8.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	13046.	*	2	1150	431	7.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12519.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	12016.	*	2	1200	433	6.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11496.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	10988.	*	2	1210	435	6.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10508.	*	2	1215	436	5.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	10070.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	9679.	*	2	1225	438	5.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9325.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	8980.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	8634.	*	2	1240	441	4.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8289.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	7951.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	7616.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7267.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	6970.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	6701.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6465.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6266.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6081.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 39605.	14.25	(CFS)	20329.	5765.	1925.	1850.
		(INCHES)	1.326	1.504	1.507	1.507
		(AC-FT)	10081.	11436.	11455.	11455.

CUMULATIVE AREA = 142.54 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 130.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	5788.	*	2		1330	451	1.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	5590.	*	2		1335	452	1.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	5389.	*	2		1340	453	1.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	5190.	*	2		1345	454	1.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	4997.	*	2		1350	455	1.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	4810.	*	2		1355	456	1.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	4631.	*	2		1400	457	1.	*	3		0845	682	0.
1		0035	8	0.	*	1		1920	233	4460.	*	2		1405	458	1.	*	3		0850	683	0.
1		0040	9	0.	*	1		1925	234	4304.	*	2		1410	459	1.	*	3		0855	684	0.
1		0045	10	0.	*	1		1930	235	4157.	*	2		1415	460	1.	*	3		0900	685	0.
1		0050	11	0.	*	1		1935	236	4020.	*	2		1420	461	1.	*	3		0905	686	0.
1		0055	12	0.	*	1		1940	237	3898.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	0.	*	1		1945	238	3793.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	0.	*	1		1950	239	3708.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	0.	*	1		1955	240	3635.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	0.	*	1		2000	241	3556.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	0.	*	1		2005	242	3469.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	0.	*	1		2010	243	3376.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	0.	*	1		2015	244	3278.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	0.	*	1		2020	245	3176.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	0.	*	1		2025	246	3075.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	0.	*	1		2030	247	2970.	*	2		1515	472	0.	*	3		1000	697	0.

1	0150	23	0.	*	1	2035	248	2862.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	0.	*	1	2040	249	2755.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	0.	*	1	2045	250	2648.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	0.	*	1	2050	251	2544.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	0.	*	1	2055	252	2442.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	0.	*	1	2100	253	2344.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	0.	*	1	2105	254	2251.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	0.	*	1	2110	255	2163.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	0.	*	1	2115	256	2084.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	0.	*	1	2120	257	2012.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	0.	*	1	2125	258	1943.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	1.	*	1	2130	259	1878.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	1.	*	1	2135	260	1814.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	1.	*	1	2140	261	1750.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	1.	*	1	2145	262	1687.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	1.	*	1	2150	263	1624.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	1.	*	1	2155	264	1558.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	1.	*	1	2200	265	1488.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	1.	*	1	2205	266	1407.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	1.	*	1	2210	267	1314.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	1.	*	1	2215	268	1188.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	2.	*	1	2220	269	1050.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	2.	*	1	2225	270	962.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	2.	*	1	2230	271	908.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	2.	*	1	2235	272	871.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	2.	*	1	2240	273	843.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	2.	*	1	2245	274	820.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	3.	*	1	2250	275	800.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	3.	*	1	2255	276	781.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	3.	*	1	2300	277	765.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	3.	*	1	2305	278	750.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	3.	*	1	2310	279	736.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	4.	*	1	2315	280	722.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	4.	*	1	2320	281	709.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	4.	*	1	2325	282	696.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	5.	*	1	2330	283	684.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	5.	*	1	2335	284	671.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	5.	*	1	2340	285	658.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	6.	*	1	2345	286	645.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	6.	*	1	2350	287	631.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	7.	*	1	2355	288	618.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	7.	*	2	0000	289	605.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	8.	*	2	0005	290	593.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	9.	*	2	0010	291	580.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	10.	*	2	0015	292	568.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	11.	*	2	0020	293	557.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	12.	*	2	0025	294	546.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	14.	*	2	0030	295	535.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	16.	*	2	0035	296	526.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	19.	*	2	0040	297	517.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	23.	*	2	0045	298	508.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	27.	*	2	0050	299	499.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	31.	*	2	0055	300	490.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	36.	*	2	0100	301	481.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	41.	*	2	0105	302	472.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	47.	*	2	0110	303	463.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	57.	*	2	0115	304	454.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	65.	*	2	0120	305	445.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	73.	*	2	0125	306	437.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	80.	*	2	0130	307	428.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	87.	*	2	0135	308	420.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	95.	*	2	0140	309	412.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	103.	*	2	0145	310	405.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	112.	*	2	0150	311	397.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	120.	*	2	0155	312	389.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	127.	*	2	0200	313	382.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	133.	*	2	0205	314	374.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	139.	*	2	0210	315	367.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	143.	*	2	0215	316	360.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	148.	*	2	0220	317	352.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	152.	*	2	0225	318	345.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	156.	*	2	0230	319	338.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	159.	*	2	0235	320	331.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	163.	*	2	0240	321	324.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	167.	*	2	0245	322	318.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	170.	*	2	0250	323	312.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	174.	*	2	0255	324	307.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	178.	*	2	0300	325	301.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	182.	*	2	0305	326	296.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	185.	*	2	0310	327	290.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	189.	*	2	0315	328	285.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	193.	*	2	0320	329	281.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	197.	*	2	0325	330	276.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	202.	*	2	0330	331	271.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	206.	*	2	0335	332	267.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	211.	*	2	0340	333	262.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	215.	*	2	0345	334	256.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	220.	*	2	0350	335	250.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	225.	*	2	0355	336	243.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	230.	*	2	0400	337	236.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	235.	*	2	0405	338	230.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	240.	*	2	0410	339	223.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	246.	*	2	0415	340	216.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	251.	*	2	0420	341	209.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	257.	*	2	0425	342	202.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	262.	*	2	0430	343	196.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	269.	*	2	0435	344	189.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	276.	*	2	0440	345	182.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	288.	*	2	0445	346	176.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	300.	*	2	0450	347	169.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	310.	*	2	0455	348	163.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	320.	*	2	0500	349	156.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	330.	*	2	0505	350	150.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	340.	*	2	0510	351	144.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	349.	*	2	0515	352	138.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	358.	*	2	0520	353	132.	*	3	0005	578	0.	*	3	1850	803	0.

1	1040	129	367.	*	2	0525	354	127.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	376.	*	2	0530	355	121.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	385.	*	2	0535	356	117.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	393.	*	2	0540	357	112.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	402.	*	2	0545	358	109.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	411.	*	2	0550	359	106.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	420.	*	2	0555	360	103.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	429.	*	2	0600	361	101.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	438.	*	2	0605	362	98.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	448.	*	2	0610	363	95.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	457.	*	2	0615	364	91.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	468.	*	2	0620	365	88.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	480.	*	2	0625	366	85.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	495.	*	2	0630	367	82.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	516.	*	2	0635	368	79.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	548.	*	2	0640	369	77.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	599.	*	2	0645	370	74.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	677.	*	2	0650	371	72.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	798.	*	2	0655	372	70.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	983.	*	2	0700	373	68.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1236.	*	2	0705	374	66.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1571.	*	2	0710	375	64.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	1986.	*	2	0715	376	62.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2348.	*	2	0720	377	61.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2616.	*	2	0725	378	59.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2818.	*	2	0730	379	58.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3039.	*	2	0735	380	56.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3337.	*	2	0740	381	55.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	3765.	*	2	0745	382	53.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	4423.	*	2	0750	383	52.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	5523.	*	2	0755	384	50.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	7397.	*	2	0800	385	49.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	10194.	*	2	0805	386	47.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	13584.	*	2	0810	387	46.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	18065.	*	2	0815	388	44.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	22749.	*	2	0820	389	42.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	26868.	*	2	0825	390	41.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	30589.	*	2	0830	391	40.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33431.	*	2	0835	392	39.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	35438.	*	2	0840	393	38.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36755.	*	2	0845	394	36.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	37564.	*	2	0850	395	35.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	37972.	*	2	0855	396	34.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	38066.	*	2	0900	397	32.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	37948.	*	2	0905	398	31.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	37677.	*	2	0910	399	29.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	37284.	*	2	0915	400	28.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	36795.	*	2	0920	401	26.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	36235.	*	2	0925	402	25.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	35610.	*	2	0930	403	23.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	34911.	*	2	0935	404	22.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	34140.	*	2	0940	405	21.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	33306.	*	2	0945	406	20.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	32418.	*	2	0950	407	19.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	31501.	*	2	0955	408	18.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	30573.	*	2	1000	409	18.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	29637.	*	2	1005	410	17.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	28715.	*	2	1010	411	16.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	27766.	*	2	1015	412	16.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	26774.	*	2	1020	413	15.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	25765.	*	2	1025	414	15.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	24767.	*	2	1030	415	15.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	23815.	*	2	1035	416	14.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	22962.	*	2	1040	417	14.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22095.	*	2	1045	418	13.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	21218.	*	2	1050	419	13.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	20347.	*	2	1055	420	12.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	19503.	*	2	1100	421	12.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	18646.	*	2	1105	422	11.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	17914.	*	2	1110	423	11.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	17212.	*	2	1115	424	10.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	16499.	*	2	1120	425	10.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	15786.	*	2	1125	426	9.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15114.	*	2	1130	427	9.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	14454.	*	2	1135	428	8.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	13850.	*	2	1140	429	8.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13303.	*	2	1145	430	7.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	12774.	*	2	1150	431	7.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12266.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	11753.	*	2	1200	433	6.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11238.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	10744.	*	2	1210	435	5.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10285.	*	2	1215	436	5.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	9877.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	9498.	*	2	1225	438	4.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9154.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	8808.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	8462.	*	2	1240	441	3.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8119.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	7785.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	7434.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7113.	*	2	1300	445	2.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	6828.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	6574.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6359.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6170.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	5980.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 38066.	14.25		19620.	5573.	1861.	1788.
		(INCHES)	1.280	1.454	1.457	1.457

(AC-FT) 9729. 11054. 11072. 11072.

CUMULATIVE AREA = 142.54 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	5788.	*	2		1330	451	1.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	5590.	*	2		1335	452	1.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	5389.	*	2		1340	453	1.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	5190.	*	2		1345	454	1.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	4997.	*	2		1350	455	1.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	4810.	*	2		1355	456	1.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	4631.	*	2		1400	457	1.	*	3		0845	682	0.
1		0035	8	0.	*	1		1920	233	4460.	*	2		1405	458	1.	*	3		0850	683	0.
1		0040	9	0.	*	1		1925	234	4304.	*	2		1410	459	1.	*	3		0855	684	0.
1		0045	10	0.	*	1		1930	235	4157.	*	2		1415	460	1.	*	3		0900	685	0.
1		0050	11	0.	*	1		1935	236	4020.	*	2		1420	461	1.	*	3		0905	686	0.
1		0055	12	0.	*	1		1940	237	3898.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	0.	*	1		1945	238	3793.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	0.	*	1		1950	239	3708.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	0.	*	1		1955	240	3635.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	0.	*	1		2000	241	3556.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	0.	*	1		2005	242	3469.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	0.	*	1		2010	243	3376.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	0.	*	1		2015	244	3278.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	0.	*	1		2020	245	3176.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	0.	*	1		2025	246	3075.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	0.	*	1		2030	247	2970.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	0.	*	1		2035	248	2862.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	0.	*	1		2040	249	2755.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	0.	*	1		2045	250	2648.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	0.	*	1		2050	251	2544.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	0.	*	1		2055	252	2442.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	0.	*	1		2100	253	2344.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	0.	*	1		2105	254	2251.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	0.	*	1		2110	255	2163.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	0.	*	1		2115	256	2084.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	0.	*	1		2120	257	2012.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	0.	*	1		2125	258	1943.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	1.	*	1		2130	259	1878.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	1.	*	1		2135	260	1814.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	1.	*	1		2140	261	1750.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	1.	*	1		2145	262	1687.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	1.	*	1		2150	263	1624.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	1.	*	1		2155	264	1558.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	1.	*	1		2200	265	1488.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	1.	*	1		2205	266	1407.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	1.	*	1		2210	267	1314.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	1.	*	1		2215	268	1188.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	2.	*	1		2220	269	1050.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	2.	*	1		2225	270	962.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	2.	*	1		2230	271	908.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	2.	*	1		2235	272	871.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	2.	*	1		2240	273	843.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	2.	*	1		2245	274	820.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	3.	*	1		2250	275	800.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	3.	*	1		2255	276	781.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	3.	*	1		2300	277	765.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	3.	*	1		2305	278	750.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	3.	*	1		2310	279	736.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	4.	*	1		2315	280	722.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	4.	*	1		2320	281	709.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	4.	*	1		2325	282	696.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	5.	*	1		2330	283	684.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	5.	*	1		2335	284	671.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	5.	*	1		2340	285	658.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	6.	*	1		2345	286	645.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	6.	*	1		2350	287	631.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	7.	*	1		2355	288	618.	*	2		1840	513	0.	*	3		1325	738	0.
1		0515	64	7.	*	2		0000	289	605.	*	2		1845	514	0.	*	3		1330	739	0.
1		0520	65	8.	*	2		0005	290	593.	*	2		1850	515	0.	*	3		1335	740	0.
1		0525	66	9.	*	2		0010	291	580.	*	2		1855	516	0.	*	3		1340	741	0.
1		0530	67	10.	*	2		0015	292	568.	*	2		1900	517	0.	*	3		1345	742	0.
1		0535	68	11.	*	2		0020	293	557.	*	2		1905	518	0.	*	3		1350	743	0.
1		0540	69	12.	*	2		0025	294	546.	*	2		1910	519	0.	*	3		1355	744	0.
1		0545	70	14.	*	2		0030	295	535.	*	2		1915	520	0.	*	3		1400	745	0.
1		0550	71	16.	*	2		0035	296	526.	*	2		1920	521	0.	*	3		1405	746	0.
1		0555	72	19.	*	2		0040	297	517.	*	2		1925	522	0.	*	3		1410	747	0.
1		0600	73	23.	*	2		0045	298	508.	*	2		1930	523	0.	*	3		1415	748	0.
1		0605	74	27.	*	2		0050	299	499.	*	2		1935	524	0.	*	3		1420	749	0.
1		0610	75	31.	*	2		0055	300	490.	*	2		1940	525	0.	*	3		1425	750	0.
1		0615	76	36.	*	2		0100	301	481.	*	2		1945	526	0.	*	3		1430	751	0.
1		0620	77	41.	*	2		0105	302	472.	*	2		1950	527	0.	*	3		1435	752	0.
1		0625	78	47.	*	2		0110	303	463.	*	2		1955	528	0.	*	3		1440	753	0.
1		0630	79	57.	*	2		0115	304	454.	*	2		2000	529	0.	*	3		1445	754	0.
1		0635	80	65.	*	2		0120	305	445.	*	2		2005	530	0.	*	3		1450	755	0.
1		0640	81	73.	*	2		0125	306	437.	*	2		2010	531	0.	*	3		1455	756	0.
1		0645	82	80.	*	2		0130	307	428.	*	2		2015	532	0.	*	3		1500	757	0.
1		0650	83	87.	*	2		0135	308	420.	*	2		2020	533	0.	*	3		1505	758	0.
1		0655	84	95.	*	2		0140	309	412.	*	2		2025	534	0.	*	3		1510	759	0.
1		0700	85	103.	*	2		0145	310	405.	*	2		2030	535	0.	*	3		1515	760	0.
1		0705	86	112.	*	2		0150	311	397.	*	2		2035	536	0.	*	3		1520	761	0.
1		0710	87	120.	*	2		0155	312	389.	*	2		2040	537	0.	*	3		1525	762	0.
1		0715	88	127.	*	2		0200	313	382.	*	2		2045	538	0.	*	3		1530	763	0.
1		0720	89	133.	*	2		0205	314	374.	*	2		2050	539	0.	*	3		1535	764	0.
1		0725	90	139.	*	2		0210	315	367.	*	2		2055	540	0.	*	3		1540	765	0.
1		0730	91	143.	*	2		0215	316	360.	*	2		2100	541	0.	*	3		1545	766	0.
1		0735	92	148.	*	2		0220	317	352.	*	2		2105	542	0.	*	3		1550	767	0.

1	0740	93	152.	*	2	0225	318	345.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	156.	*	2	0230	319	338.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	159.	*	2	0235	320	331.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	163.	*	2	0240	321	324.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	167.	*	2	0245	322	318.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	170.	*	2	0250	323	312.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	174.	*	2	0255	324	307.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	178.	*	2	0300	325	301.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	182.	*	2	0305	326	296.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	185.	*	2	0310	327	290.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	189.	*	2	0315	328	285.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	193.	*	2	0320	329	281.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	197.	*	2	0325	330	276.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	202.	*	2	0330	331	271.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	206.	*	2	0335	332	267.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	211.	*	2	0340	333	262.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	215.	*	2	0345	334	256.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	220.	*	2	0350	335	250.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	225.	*	2	0355	336	243.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	230.	*	2	0400	337	236.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	235.	*	2	0405	338	230.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	240.	*	2	0410	339	223.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	246.	*	2	0415	340	216.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	251.	*	2	0420	341	209.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	257.	*	2	0425	342	202.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	262.	*	2	0430	343	196.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	269.	*	2	0435	344	189.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	276.	*	2	0440	345	182.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	288.	*	2	0445	346	176.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	300.	*	2	0450	347	169.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	310.	*	2	0455	348	163.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	320.	*	2	0500	349	156.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	330.	*	2	0505	350	150.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	340.	*	2	0510	351	144.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	349.	*	2	0515	352	138.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	358.	*	2	0520	353	132.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	367.	*	2	0525	354	127.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	376.	*	2	0530	355	121.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	385.	*	2	0535	356	117.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	393.	*	2	0540	357	112.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	402.	*	2	0545	358	109.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	411.	*	2	0550	359	106.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	420.	*	2	0555	360	103.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	429.	*	2	0600	361	101.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	438.	*	2	0605	362	98.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	448.	*	2	0610	363	95.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	457.	*	2	0615	364	91.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	468.	*	2	0620	365	88.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	480.	*	2	0625	366	85.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	495.	*	2	0630	367	82.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	516.	*	2	0635	368	79.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	548.	*	2	0640	369	77.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	599.	*	2	0645	370	74.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	677.	*	2	0650	371	72.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	798.	*	2	0655	372	70.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	983.	*	2	0700	373	68.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1236.	*	2	0705	374	66.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1571.	*	2	0710	375	64.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	1986.	*	2	0715	376	62.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2348.	*	2	0720	377	61.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2616.	*	2	0725	378	59.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2818.	*	2	0730	379	58.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3039.	*	2	0735	380	56.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3337.	*	2	0740	381	55.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	3765.	*	2	0745	382	53.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	4423.	*	2	0750	383	52.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	5523.	*	2	0755	384	50.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	7397.	*	2	0800	385	49.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	10194.	*	2	0805	386	47.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	13584.	*	2	0810	387	46.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	18065.	*	2	0815	388	44.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	22749.	*	2	0820	389	42.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	26868.	*	2	0825	390	41.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	30589.	*	2	0830	391	40.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33431.	*	2	0835	392	39.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	35438.	*	2	0840	393	38.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36755.	*	2	0845	394	36.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	37564.	*	2	0850	395	35.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	37972.	*	2	0855	396	34.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	38066.	*	2	0900	397	32.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	37948.	*	2	0905	398	31.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	37677.	*	2	0910	399	29.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	37284.	*	2	0915	400	28.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	36795.	*	2	0920	401	26.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	36235.	*	2	0925	402	25.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	35610.	*	2	0930	403	23.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	34911.	*	2	0935	404	22.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	34140.	*	2	0940	405	21.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	33306.	*	2	0945	406	20.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	32418.	*	2	0950	407	19.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	31501.	*	2	0955	408	18.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	30573.	*	2	1000	409	18.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	29637.	*	2	1005	410	17.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	28715.	*	2	1010	411	16.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	27766.	*	2	1015	412	16.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	26774.	*	2	1020	413	15.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	25765.	*	2	1025	414	15.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	24767.	*	2	1030	415	15.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	23815.	*	2	1035	416	14.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	22962.	*	2	1040	417	14.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22095.	*	2	1045	418	13.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	21218.	*	2	1050	419	13.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	20347.	*	2	1055	420	12.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	19503.	*	2	1100	421	12.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	18646.	*	2	1105	422	11.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	17914.	*	2	1110	423	11.	*	3	0555	648	0.	*	4	0040	873	0.

1	1630	199	17212.	*	2	1115	424	10.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	16499.	*	2	1120	425	10.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	15786.	*	2	1125	426	9.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15114.	*	2	1130	427	9.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	14454.	*	2	1135	428	8.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	13850.	*	2	1140	429	8.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13303.	*	2	1145	430	7.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	12774.	*	2	1150	431	7.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12266.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	11753.	*	2	1200	433	6.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11238.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	10744.	*	2	1210	435	5.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10285.	*	2	1215	436	5.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	9877.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	9498.	*	2	1225	438	4.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9154.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	8808.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	8462.	*	2	1240	441	3.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8119.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	7785.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	7434.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7113.	*	2	1300	445	2.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	6828.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	6574.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6359.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6170.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	5980.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+		(CFS)	19620.	5573.	1861.	1788.
+ 38066.	14.25	(INCHES)	1.280	1.454	1.457	1.457
		(AC-FT)	9729.	11054.	11072.	11072.

CUMULATIVE AREA = 142.54 SQ MI

****

INTERPOLATED HYDROGRAPH AT C528

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	5788.	2		1330	451	1.	3		0815	676	0.
1		0005	2	0.	1		1850	227	5590.	2		1335	452	1.	3		0820	677	0.
1		0010	3	0.	1		1855	228	5389.	2		1340	453	1.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5190.	2		1345	454	1.	3		0830	679	0.
1		0020	5	0.	1		1905	230	4997.	2		1350	455	1.	3		0835	680	0.
1		0025	6	0.	1		1910	231	4810.	2		1355	456	1.	3		0840	681	0.
1		0030	7	0.	1		1915	232	4631.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	4460.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4304.	2		1410	459	1.	3		0855	684	0.
1		0045	10	0.	1		1930	235	4157.	2		1415	460	1.	3		0900	685	0.
1		0050	11	0.	1		1935	236	4020.	2		1420	461	1.	3		0905	686	0.
1		0055	12	0.	1		1940	237	3898.	2		1425	462	0.	3		0910	687	0.
1		0100	13	0.	1		1945	238	3793.	2		1430	463	0.	3		0915	688	0.
1		0105	14	0.	1		1950	239	3708.	2		1435	464	0.	3		0920	689	0.
1		0110	15	0.	1		1955	240	3635.	2		1440	465	0.	3		0925	690	0.
1		0115	16	0.	1		2000	241	3556.	2		1445	466	0.	3		0930	691	0.
1		0120	17	0.	1		2005	242	3469.	2		1450	467	0.	3		0935	692	0.
1		0125	18	0.	1		2010	243	3376.	2		1455	468	0.	3		0940	693	0.
1		0130	19	0.	1		2015	244	3278.	2		1500	469	0.	3		0945	694	0.
1		0135	20	0.	1		2020	245	3176.	2		1505	470	0.	3		0950	695	0.
1		0140	21	0.	1		2025	246	3075.	2		1510	471	0.	3		0955	696	0.
1		0145	22	0.	1		2030	247	2970.	2		1515	472	0.	3		1000	697	0.
1		0150	23	0.	1		2035	248	2862.	2		1520	473	0.	3		1005	698	0.
1		0155	24	0.	1		2040	249	2755.	2		1525	474	0.	3		1010	699	0.
1		0200	25	0.	1		2045	250	2648.	2		1530	475	0.	3		1015	700	0.
1		0205	26	0.	1		2050	251	2544.	2		1535	476	0.	3		1020	701	0.
1		0210	27	0.	1		2055	252	2442.	2		1540	477	0.	3		1025	702	0.
1		0215	28	0.	1		2100	253	2344.	2		1545	478	0.	3		1030	703	0.
1		0220	29	0.	1		2105	254	2251.	2		1550	479	0.	3		1035	704	0.
1		0225	30	0.	1		2110	255	2163.	2		1555	480	0.	3		1040	705	0.
1		0230	31	0.	1		2115	256	2084.	2		1600	481	0.	3		1045	706	0.
1		0235	32	0.	1		2120	257	2012.	2		1605	482	0.	3		1050	707	0.
1		0240	33	0.	1		2125	258	1943.	2		1610	483	0.	3		1055	708	0.
1		0245	34	1.	1		2130	259	1878.	2		1615	484	0.	3		1100	709	0.
1		0250	35	1.	1		2135	260	1814.	2		1620	485	0.	3		1105	710	0.
1		0255	36	1.	1		2140	261	1750.	2		1625	486	0.	3		1110	711	0.
1		0300	37	1.	1		2145	262	1687.	2		1630	487	0.	3		1115	712	0.
1		0305	38	1.	1		2150	263	1624.	2		1635	488	0.	3		1120	713	0.
1		0310	39	1.	1		2155	264	1558.	2		1640	489	0.	3		1125	714	0.
1		0315	40	1.	1		2200	265	1488.	2		1645	490	0.	3		1130	715	0.
1		0320	41	1.	1		2205	266	1407.	2		1650	491	0.	3		1135	716	0.
1		0325	42	1.	1		2210	267	1314.	2		1655	492	0.	3		1140	717	0.
1		0330	43	1.	1		2215	268	1188.	2		1700	493	0.	3		1145	718	0.
1		0335	44	2.	1		2220	269	1050.	2		1705	494	0.	3		1150	719	0.
1		0340	45	2.	1		2225	270	962.	2		1710	495	0.	3		1155	720	0.
1		0345	46	2.	1		2230	271	908.	2		1715	496	0.	3		1200	721	0.
1		0350	47	2.	1		2235	272	871.	2		1720	497	0.	3		1205	722	0.
1		0355	48	2.	1		2240	273	843.	2		1725	498	0.	3		1210	723	0.
1		0400	49	2.	1		2245	274	820.	2		1730	499	0.	3		1215	724	0.
1		0405	50	3.	1		2250	275	800.	2		1735	500	0.	3		1220	725	0.
1		0410	51	3.	1		2255	276	781.	2		1740	501	0.	3		1225	726	0.
1		0415	52	3.	1		2300	277	765.	2		1745	502	0.	3		1230	727	0.
1		0420	53	3.	1		2305	278	750.	2		1750	503	0.	3		1235	728	0.
1		0425	54	3.	1		2310	279	736.	2		1755	504	0.	3		1240	729	0.
1		0430	55	4.	1		2315	280	722.	2		1800	505	0.	3		1245	730	0.
1		0435	56	4.	1		2320	281	709.	2		1805	506	0.	3		1250	731	0.
1		0440	57	4.	1		2325	282	696.	2		1810	507	0.	3		1255	732	0.

1	0445	58	5.	*	1	2330	283	684.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	5.	*	1	2335	284	671.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	5.	*	1	2340	285	658.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	6.	*	1	2345	286	645.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	6.	*	1	2350	287	631.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	7.	*	1	2355	288	618.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	7.	*	2	0000	289	605.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	8.	*	2	0005	290	593.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	9.	*	2	0010	291	580.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	10.	*	2	0015	292	568.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	11.	*	2	0020	293	557.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	12.	*	2	0025	294	546.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	14.	*	2	0030	295	535.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	16.	*	2	0035	296	526.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	19.	*	2	0040	297	517.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	23.	*	2	0045	298	508.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	27.	*	2	0050	299	499.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	31.	*	2	0055	300	490.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	36.	*	2	0100	301	481.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	41.	*	2	0105	302	472.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	47.	*	2	0110	303	463.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	57.	*	2	0115	304	454.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	65.	*	2	0120	305	445.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	73.	*	2	0125	306	437.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	80.	*	2	0130	307	428.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	87.	*	2	0135	308	420.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	95.	*	2	0140	309	412.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	103.	*	2	0145	310	405.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	112.	*	2	0150	311	397.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	120.	*	2	0155	312	389.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	127.	*	2	0200	313	382.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	133.	*	2	0205	314	374.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	139.	*	2	0210	315	367.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	143.	*	2	0215	316	360.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	148.	*	2	0220	317	352.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	152.	*	2	0225	318	345.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	156.	*	2	0230	319	338.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	159.	*	2	0235	320	331.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	163.	*	2	0240	321	324.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	167.	*	2	0245	322	318.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	170.	*	2	0250	323	312.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	174.	*	2	0255	324	307.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	178.	*	2	0300	325	301.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	182.	*	2	0305	326	296.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	185.	*	2	0310	327	290.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	189.	*	2	0315	328	285.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	193.	*	2	0320	329	281.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	197.	*	2	0325	330	276.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	202.	*	2	0330	331	271.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	206.	*	2	0335	332	267.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	211.	*	2	0340	333	262.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	215.	*	2	0345	334	256.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	220.	*	2	0350	335	250.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	225.	*	2	0355	336	243.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	230.	*	2	0400	337	236.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	235.	*	2	0405	338	230.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	240.	*	2	0410	339	223.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	246.	*	2	0415	340	216.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	251.	*	2	0420	341	209.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	257.	*	2	0425	342	202.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	262.	*	2	0430	343	196.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	269.	*	2	0435	344	189.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	276.	*	2	0440	345	182.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	288.	*	2	0445	346	176.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	300.	*	2	0450	347	169.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	310.	*	2	0455	348	163.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	320.	*	2	0500	349	156.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	330.	*	2	0505	350	150.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	340.	*	2	0510	351	144.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	349.	*	2	0515	352	138.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	358.	*	2	0520	353	132.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	367.	*	2	0525	354	127.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	376.	*	2	0530	355	121.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	385.	*	2	0535	356	117.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	393.	*	2	0540	357	112.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	402.	*	2	0545	358	109.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	411.	*	2	0550	359	106.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	420.	*	2	0555	360	103.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	429.	*	2	0600	361	101.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	438.	*	2	0605	362	98.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	448.	*	2	0610	363	95.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	457.	*	2	0615	364	91.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	468.	*	2	0620	365	88.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	480.	*	2	0625	366	85.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	495.	*	2	0630	367	82.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	516.	*	2	0635	368	79.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	548.	*	2	0640	369	77.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	599.	*	2	0645	370	74.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	677.	*	2	0650	371	72.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	798.	*	2	0655	372	70.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	983.	*	2	0700	373	68.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	1236.	*	2	0705	374	66.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	1571.	*	2	0710	375	64.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	1986.	*	2	0715	376	62.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	2348.	*	2	0720	377	61.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	2616.	*	2	0725	378	59.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	2818.	*	2	0730	379	58.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	3039.	*	2	0735	380	56.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	3337.	*	2	0740	381	55.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	3765.	*	2	0745	382	53.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	4423.	*	2	0750	383	52.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	5523.	*	2	0755	384	50.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	7397.	*	2	0800	385	49.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	10194.	*	2	0805	386	47.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	13584.	*	2	0810	387	46.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	18065.	*	2	0815	388	44.	*	3	0300	613	0.	*	3	2145	838	0.

1	1335	164	22749.	*	2	0820	389	42.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	26868.	*	2	0825	390	41.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	30589.	*	2	0830	391	40.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33431.	*	2	0835	392	39.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	35438.	*	2	0840	393	38.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36755.	*	2	0845	394	36.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	37564.	*	2	0850	395	35.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	37972.	*	2	0855	396	34.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	38066.	*	2	0900	397	32.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	37948.	*	2	0905	398	31.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	37677.	*	2	0910	399	29.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	37284.	*	2	0915	400	28.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	36795.	*	2	0920	401	26.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	36235.	*	2	0925	402	25.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	35610.	*	2	0930	403	23.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	34911.	*	2	0935	404	22.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	34140.	*	2	0940	405	21.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	33306.	*	2	0945	406	20.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	32418.	*	2	0950	407	19.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	31501.	*	2	0955	408	18.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	30573.	*	2	1000	409	18.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	29637.	*	2	1005	410	17.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	28715.	*	2	1010	411	16.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	27766.	*	2	1015	412	16.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	26774.	*	2	1020	413	15.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	25765.	*	2	1025	414	15.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	24767.	*	2	1030	415	15.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	23815.	*	2	1035	416	14.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	22962.	*	2	1040	417	14.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22095.	*	2	1045	418	13.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	21218.	*	2	1050	419	13.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	20347.	*	2	1055	420	12.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	19503.	*	2	1100	421	12.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	18646.	*	2	1105	422	11.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	17914.	*	2	1110	423	11.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	17212.	*	2	1115	424	10.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	16499.	*	2	1120	425	10.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	15786.	*	2	1125	426	9.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15114.	*	2	1130	427	9.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	14454.	*	2	1135	428	8.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	13850.	*	2	1140	429	8.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13303.	*	2	1145	430	7.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	12774.	*	2	1150	431	7.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12266.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	11753.	*	2	1200	433	6.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11238.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	10744.	*	2	1210	435	5.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10285.	*	2	1215	436	5.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	9877.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	9498.	*	2	1225	438	4.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9154.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	8808.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	8462.	*	2	1240	441	3.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8119.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	7785.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	7434.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7113.	*	2	1300	445	2.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	6828.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	6574.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6359.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6170.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	5980.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.
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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
38066.	14.25	(CFS)	19620.	5573.	1861.	1788.
		(INCHES)	1.280	1.454	1.457	1.457
		(AC-FT)	9729.	11054.	11072.	11072.

CUMULATIVE AREA = 142.54 SQ MI

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RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	3085	113.	12.08	8.	2.	1.	.08		
HYDROGRAPH AT	RECALL	33771.	13.33	17817.	4947.	1651.	124.38		
ROUTED TO	410509	33712.	13.42	17803.	4947.	1651.	124.38		
2 COMBINED AT	C509	33711.	13.42	17806.	4949.	1652.	124.46		
ROUTED TO	509518	33447.	13.92	17750.	4948.	1652.	124.46		
HYDROGRAPH AT	4510	1280.	12.67	264.	66.	22.	1.53		
2 COMBINED AT	C4510A	33702.	13.92	17910.	5010.	1672.	125.99		
HYDROGRAPH AT									

+	1210	1043.	12.42	172.	46.	16.	1.27
+ ROUTED TO	529531	958.	12.75	172.	46.	16.	1.27
+ HYDROGRAPH AT	1215	203.	12.33	31.	9.	3.	.22
+ ROUTED TO	530531	162.	12.58	31.	9.	3.	.22
+ HYDROGRAPH AT	1220	803.	12.25	80.	20.	7.	.71
+ 3 COMBINED AT	C531	1354.	12.67	283.	75.	25.	2.20
+ ROUTED TO	531500	1241.	12.92	283.	75.	25.	2.20
+ HYDROGRAPH AT	1230	485.	12.42	78.	21.	7.	.63
+ 2 COMBINED AT	C500	1488.	12.83	361.	96.	32.	2.83
+ ROUTED TO	500501	1428.	13.08	361.	95.	32.	2.83
+ HYDROGRAPH AT	1240	381.	12.33	56.	15.	5.	.40
+ 2 COMBINED AT	C501	1535.	13.00	416.	111.	37.	3.23
+ ROUTED TO	501502	1518.	13.17	416.	111.	37.	3.23
+ HYDROGRAPH AT	3045	242.	12.25	30.	7.	2.	.25
+ 2 COMBINED AT	C502	1553.	13.08	445.	118.	39.	3.47
+ ROUTED TO	502503	1532.	13.42	445.	118.	39.	3.47
+ HYDROGRAPH AT	3050	353.	12.25	39.	10.	3.	.34
+ 2 COMBINED AT	C503	1550.	13.42	484.	128.	43.	3.81
+ ROUTED TO	503504	1507.	13.83	484.	128.	43.	3.81
+ HYDROGRAPH AT	3060	307.	12.42	44.	11.	4.	.39
+ 2 COMBINED AT	C504L	1531.	13.75	527.	140.	47.	4.19
+ HYDROGRAPH AT	3000	355.	12.33	53.	14.	5.	.38
+ ROUTED TO	507506	199.	13.17	53.	14.	5.	.38
+ HYDROGRAPH AT	3010	158.	12.33	27.	7.	2.	.16
+ 2 COMBINED AT	C506R	255.	13.00	80.	21.	7.	.55
+ HYDROGRAPH AT	3020	262.	12.33	40.	11.	4.	.31
+ ROUTED TO	505506	158.	13.08	40.	11.	4.	.31
+ HYDROGRAPH AT	3030	246.	12.25	31.	8.	3.	.22
+ 2 COMBINED AT	C506L	292.	12.33	71.	19.	6.	.53
+ 2 COMBINED AT	C506	507.	12.33	151.	40.	13.	1.08
+ ROUTED TO	506504	466.	12.58	151.	40.	13.	1.08
+ HYDROGRAPH AT	3040	127.	12.25	19.	5.	2.	.12
+ 2 COMBINED AT	C504	554.	12.50	170.	44.	15.	1.20
+ ROUTED TO	504508	547.	12.58	170.	44.	15.	1.20
+ 2 COMBINED AT	C508	1900.	13.67	696.	184.	61.	5.39
+ ROUTED TO	508510	1885.	13.83	696.	184.	61.	5.39

+	HYDROGRAPH AT	1340	1092.	12.58	199.	51.	17.	1.57
+	ROUTED TO	510511	985.	12.92	199.	51.	17.	1.57
+	HYDROGRAPH AT	3125	379.	12.42	55.	14.	5.	.46
+	2 COMBINED AT	C511	1142.	12.83	254.	65.	22.	2.03
+	ROUTED TO	511512	1011.	13.33	253.	65.	22.	2.03
+	HYDROGRAPH AT	3130	146.	12.33	23.	6.	2.	.21
+	2 COMBINED AT	C512	1045.	13.33	276.	70.	24.	2.24
+	ROUTED TO	512510	927.	13.92	275.	70.	24.	2.24
+	HYDROGRAPH AT	3090	371.	12.42	56.	14.	5.	.43
+	3 COMBINED AT	C510R	2834.	13.83	1025.	269.	90.	8.06
+	HYDROGRAPH AT	3070	178.	12.58	49.	12.	4.	.29
+	HYDROGRAPH AT	3080	694.	12.42	134.	34.	11.	.58
+	3 COMBINED AT	C510	3003.	13.83	1204.	315.	105.	8.93
+	ROUTED TO	510517	2953.	14.17	1203.	315.	105.	8.93
+	HYDROGRAPH AT	3100	407.	12.58	81.	20.	7.	.57
+	2 COMBINED AT	C517R	3009.	14.17	1283.	335.	112.	9.50
+	HYDROGRAPH AT	3120	533.	12.50	107.	27.	9.	.63
+	2 COMBINED AT	C517	3081.	14.08	1389.	363.	121.	10.13
+	2 COMBINED AT	C518	36653.	13.92	19176.	5363.	1790.	136.12
+	ROUTED TO	518527	36432.	14.25	19018.	5362.	1790.	136.12
+	HYDROGRAPH AT	4520	415.	12.75	96.	24.	8.	.66
+	2 COMBINED AT	C527R	36519.	14.25	19061.	5386.	1798.	136.78
+	HYDROGRAPH AT	3135	54.	12.17	6.	1.	0.	.05
+	ROUTED TO	514516	29.	13.00	6.	1.	0.	.05
+	HYDROGRAPH AT	3140	308.	12.50	59.	16.	5.	.44
+	2 COMBINED AT	C516	311.	12.50	65.	17.	6.	.49
+	ROUTED TO	516527	250.	13.25	64.	17.	6.	.49
+	HYDROGRAPH AT	3150	338.	12.67	79.	20.	7.	.57
+	2 COMBINED AT	C527L	472.	13.08	143.	37.	12.	1.07
+	2 COMBINED AT	C527	36694.	14.25	19149.	5423.	1811.	137.85
+	ROUTED TO	527528	36639.	14.33	19144.	5423.	1811.	137.85
+	HYDROGRAPH AT	3160	372.	12.33	51.	13.	4.	.41
+	ROUTED TO	513515	335.	12.58	51.	13.	4.	.41
+	HYDROGRAPH AT	3170	428.	12.33	48.	13.	4.	.40
+	2 COMBINED AT	C515	613.	12.42	98.	25.	9.	.82

+	ROUTED TO 515523	475.	13.17	98.	25.	9.	.82
+	HYDROGRAPH AT 3180	314.	12.50	76.	20.	7.	.43
+	2 COMBINED AT C523R	668.	13.08	174.	46.	15.	1.24
+	HYDROGRAPH AT 1360	878.	12.25	91.	24.	8.	.69
+	HYDROGRAPH AT 3190	552.	12.25	58.	15.	5.	.48
+	2 COMBINED AT C519	1430.	12.25	149.	39.	13.	1.16
+	ROUTED TO 519520	1111.	12.58	149.	39.	13.	1.16
+	HYDROGRAPH AT 3200	688.	12.33	87.	22.	7.	.65
+	2 COMBINED AT C520	1582.	12.58	237.	62.	21.	1.82
+	ROUTED TO 520521	1524.	12.67	236.	62.	21.	1.82
+	HYDROGRAPH AT 3210	154.	12.08	11.	3.	1.	.10
+	2 COMBINED AT C521	1531.	12.67	247.	64.	21.	1.92
+	ROUTED TO 521532	1427.	12.83	247.	64.	21.	1.92
+	HYDROGRAPH AT 3220A	260.	12.25	25.	7.	2.	.24
+	2 COMBINED AT C532I	1474.	12.83	272.	71.	24.	2.16
+	ROUTED TO C532O	1474.	12.83	272.	71.	24.	2.16
+	ROUTED TO 532523	1306.	13.17	272.	71.	24.	2.16
+	HYDROGRAPH AT 3220B	365.	12.33	37.	9.	3.	.39
+	2 COMBINED AT C523L	1342.	13.08	310.	80.	27.	2.55
+	2 COMBINED AT C523	2009.	13.08	484.	126.	42.	3.80
+	ROUTED TO 523526	1743.	13.75	483.	126.	42.	3.80
+	HYDROGRAPH AT 3230	210.	12.50	42.	11.	4.	.36
+	2 COMBINED AT C526R	1796.	13.75	524.	136.	46.	4.16
+	HYDROGRAPH AT 3240	58.	12.33	8.	2.	1.	.08
+	ROUTED TO 522524	51.	12.50	8.	2.	1.	.08
+	HYDROGRAPH AT 3250A	88.	12.25	10.	3.	1.	.08
+	2 COMBINED AT C524I	112.	12.25	18.	5.	2.	.16
+	ROUTED TO C524O	112.	12.25	18.	5.	2.	.16
+	ROUTED TO 524525	73.	12.92	17.	5.	2.	.16
+	HYDROGRAPH AT 3250B	175.	12.50	33.	8.	3.	.32
+	2 COMBINED AT C525	212.	12.58	50.	13.	4.	.47
+	ROUTED TO 525526	176.	13.25	50.	13.	4.	.47
+	2 COMBINED AT C526	1937.	13.67	574.	149.	50.	4.63
+	ROUTED TO 526528	1934.	13.75	574.	149.	50.	4.63
+	HYDROGRAPH AT 4530	32.	12.33	4.	1.	0.	.05
	2 COMBINED AT						

```
+                        C528R      1937.   13.75        579.        150.        50.       4.69
        2 COMBINED AT
+                        C528      38066.   14.25      19620.       5573.      1861.     142.54

*** NORMAL END OF HEC-1 ***
```

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*            JUN  1998                 *
*          VERSION 4.1                 *
*                                      *
*  RUN DATE   07MAR01  TIME  15:14:02  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*          (916) 756-1104              *
*                                      *
****************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X        XXXXX X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                   HEC-1 INPUT                                          PAGE  1

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

  1           ID        Upper Cave Creek/Apache Wash Watercourse Master Plan  File: CCFUT100.IH1
  2           ID           By: ASL Consulting Engineers                  Original: 07/31/98
  3           ID         For: Flood Control District of Maricopa County   Revised: 05/31/99
  4           ID
  5           ID        This is a Future Condition Model based on the MAG 1995 Projected
  6           ID        Landuse Map.
  7           ID
  8           ID        Cave Creek Watershed at Cave Buttes Dam
  9           ID           Combined HEC-1 models from:
 10           ID             1.  George V. Sabol Consulting Engineers FCD 95-28
 11           ID                 Cave Creek Watershed at the Carefree Highway
 12           ID                 Original model dated 06-17-96 by mcg
 13           ID                 GVSCE Project No. 84
 14           ID
 15           ID             2.  Willdan Associates FCD 95-30
 16           ID                 Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
 17           ID                 Original model dated 11-29-96
 18           ID                 Willdan Project No. 08855
 19           ID
 20           ID        Model Basis:
 21           ID
 22           ID           100-year, 24-hr rainfall with SCS Type II distribution
 23           ID           Green & Ampt Loss Rate Method
 24           ID           NMIN = 5
 25           ID           Phoenix Mountain and Desert/Rangeland S-Graph
 26           ID           Clark Unit Hydrograph
 27           ID           Modified Puls channel storage routing
 28           ID           200 Scale 2' CI mapping of study reach by Aerial Mapping Company
 29           ID
              *
 30           IT       5                    900
 31           IO       5
 32           IN      15
              *
              *DIAGRAM
              *
              *  Depth-Area reduction factors taken from Table 2.1a of FCDMC Design Manual
              *
              *  PC records are a 24-hour SCS Type II rainfall distribution
              *
 33           JD    4.98    0.01
 34           PC   0.000   0.002   0.005   0.008   0.011   0.013   0.016   0.019   0.022   0.025
 35           PC   0.028   0.032   0.035   0.038   0.041   0.044   0.048   0.053   0.056   0.060
 36           PC   0.063   0.067   0.071   0.075   0.080   0.084   0.089   0.093   0.098   0.103
 37           PC   0.109   0.114   0.120   0.127   0.133   0.140   0.147   0.155   0.163   0.172
 38           PC   0.181   0.192   0.204   0.220   0.235   0.259   0.283   0.473   0.663   0.699
 39           PC   0.735   0.754   0.772   0.785   0.799   0.810   0.820   0.829   0.838   0.846
 40           PC   0.854   0.861   0.868   0.874   0.880   0.885   0.891   0.900   0.902   0.910
 41           PC   0.912   0.920   0.921   0.926   0.929   0.930   0.937   0.941   0.945   0.950
 42           PC   0.952   0.957   0.959   0.962   0.965   0.970   0.972   0.973   0.978   0.981
 43           PC   0.984   0.987   0.989   0.992   0.995   0.998   1.000
 44           JD    4.97    1.00
 45           JD    4.68   10.00
 46           JD    4.53   20.00
 47           JD    4.26   70.00
1                                   HEC-1 INPUT                                          PAGE  2

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 48           JD    4.15  130.00
 49           JD    4.15  200.00
              *

 50           KK   S110L
 51           KM   Sub-Basin  S110L
 52           KM
 53           KM      The Phoenix Mountain S-Graph is used for this basin.
 54           KM          Lag Used =  65.6 minutes
```

```
 55          KM
 56          BA  10.597
 57          LG   0.20    0.40    6.00    0.19    3.10
 58          UI    544     544     544    1545    2109    2807    3370    3819    4178    4752
 59          UI   5871    6286    4183    3618    3260    3068    2823    2634    2426    2231
 60          UI   2055    1817    1611    1419    1331    1256    1180    1093     893     825
 61          UI    695     695     597     596     555     417     417     417     373     266
 62          UI    266     266     266     266     246     104     104     104     104     104
 63          UI    104     104     104     104     104     104     104     104     104     104
 64          UI      0       0       0       0       0       0       0       0       0       0
 65          UI      0       0       0       0       0       0       0       0       0       0
             *

 66          KK   S110R
 67          KM   Sub-Basin  S110R
 68          KM
 69          KM      The Phoenix Mountain S-Graph is used for this basin.
 70          KM          Lag Used =  89.8 minutes
 71          KM
 72          BA  17.935
 73          LG   0.20    0.37    5.20    0.28    6.20
 74          UI    672     672     672     672    1765    2209    2758    3442    4026    4397
 75          UI   4807    5119    5488    6315    7397    8233    5995    4948    4440    4110
 76          UI   3925    3741    3508    3319    3164    2968    2777    2638    2451    2250
 77          UI   2089    1798    1728    1645    1577    1546    1422    1405    1132    1104
 78          UI   1008     859     859     839     736     736     736     651     515     515
 79          UI    515     515     515     330     329     329     329     329     329     329
 80          UI    329     219     129     129     129     129     129     129     129     129
 81          UI    129     129     129     129     129     129     129     129     129     129
 82          UI    129     129     129       0       0       0       0       0       0       0
 83          UI      0       0       0       0       0       0       0       0       0       0
             *

 84          KK    C110
 85          KM      Combine runoff from Subbasins S110L and S110R at C110.
 86          HC       2
             *

 87          KK  110120
 88          KM   Normal depth channel route from C110 to C120.
 89          KM       Source:  Hydrology Field Reconnaissance, page 14
 90          KM       End points were extended
 91          RS       1    FLOW      -1
 92          RC   0.100   0.045   0.100    1500  0.0067
 93          RX   998.0  1005.0  1111.0  1133.0  1175.0  1180.0  1207.0    1229
 94          RY   105.1    95.0    95.0    90.0    91.6    96.8    96.8   105.9
```



```
1                                        HEC-1 INPUT

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 95          RL                      0.40    90.0
             *

 96          KK    S120
 97          KM   Sub-Basin   S120
 98          KM
 99          KM      The Phoenix Mountain S-Graph is used for this basin.
100          KM          Lag Used =  65.5 minutes
101          KM
102          BA  4.7739
103          LG   0.25    0.35    4.55    0.39    5.60
104          UI    245     245     245     699     954    1268    1522    1725    1886    2148
105          UI   2656    2821    1883    1629    1468    1382    1271    1186    1092    1005
106          UI    923     817     724     639     600     565     530     489     403     369
107          UI    313     312     269     269     247     188     188     188     165     120
108          UI    120     120     120     120     107      47      47      47      47      47
109          UI     47      47      47      47      47      47      47      47      47      47
110          UI      0       0       0       0       0       0       0       0       0       0
111          UI      0       0       0       0       0       0       0       0       0       0
             *

112          KK    C120
113          KM      Combine routed hydrograph from C110 w/runoff from S120 at C120.
114          HC       2
             *

115          KK  120130
116          KM   Normal depth channel route from C120 to C130.
117          KM       Source:  Hydrology Field Reconnaissance, page 14
118          KM       End points were extended
119          RS       1    FLOW      -1
120          RC   0.100   0.045   0.100    5800  0.0121
121          RX   998.0  1005.0  1111.0  1133.0  1175.0  1180.0  1207.0    1229
122          RY   105.1    95.0    95.0    90.0    91.6    96.8    96.8   105.9
123          RL                      0.40    90.0
             *

124          KK    S130
125          KM   Sub-Basin   S130
126          KM
127          KM      The Phoenix Mountain S-Graph is used for this basin.
128          KM          Lag Used =  32.5 minutes
129          KM
130          BA  2.8783
131          LG   0.25    0.37    5.30    0.27    5.80
132          UI    298     579    1364    1982    2470    3305    2104    1720    1477    1259
133          UI   1040     812     704     601     458     374     326     252     228     162
134          UI    146     146      80      57      57      57      57      57      57      57
135          UI      0       0       0       0       0       0       0       0       0       0
136          UI      0       0       0       0       0       0       0       0       0       0
             *
```



```
1                                        HEC-1 INPUT

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
```

```
137          KK    C130
138          KM      Combine routed hydrograph from C120 w/runoff from S130 at C130.
139          HC       2
             *

140          KK  130140
141          KM   Normal depth channel route from C130 to C140.
142          KM       Source:  Hydrology Field Reconnaissance, page 14
143          KM       End points were extended
144          RS       1    FLOW      -1
145          RC   0.100   0.045   0.100    1800  0.0056
146          RX   998.0  1005.0  1111.0  1133.0  1175.0  1180.0  1207.0    1229
147          RY   105.1    95.0    95.0    90.0    91.6    96.8    96.8   105.9
148          RL                    0.40    90.0
             *

149          KK    S140
150          KM   Sub-Basin   S140
151          KM
152          KM      The Phoenix Mountain S-Graph is used for this basin.
153          KM          Lag Used =  38.8 minutes
154          KM
155          BA  1.8367
156          LG    0.20    0.35    4.45    0.36    4.20
157          UI     159     223     564     896    1125    1359    1823    1216     970     859
158          UI     760     653     560     452     389     353     294     235     202     174
159          UI     152     122     118      78      78      78      57      31      31      31
160          UI      31      31      31      31      31       0       0       0       0       0
161          UI       0       0       0       0       0       0       0       0       0       0
             *

162          KK    C140
163          KM      Combine routed hydrograph from C130 w/runoff from S140 at C140.
164          HC       2
             *

165          KK  140150
166          KM   Normal depth channel route from C140 to C150.
167          KM       Source:  Hydrology Field Reconnaissance, page 15
168          KM       End points were extended
169          RS       2    FLOW      -1
170          RC   0.100   0.080   0.100   10000   0.027
171          RX   995.0  1005.0  1019.0  1037.0  1081.0  1096.0  1170.0  1180.0
172          RY   106.9    96.9    94.8    90.7    90.0    93.3    96.6   106.6
173          RL                    0.35    90.0
             *

174          KK    S150
175          KM   Sub-Basin   S150
176          KM
177          KM      The Phoenix Mountain S-Graph is used for this basin.
178          KM          Lag Used =  27.2 minutes
179          KM
180          BA  1.0648
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

181          LG    0.20    0.35    4.40    0.42   12.10
182          UI     132     358     754    1018    1430     913     731     608     494     369
183          UI     309     247     182     151     118     101      65      65      48      25
184          UI      25      25      25      25      25       0       0       0       0       0
185          UI       0       0       0       0       0       0       0       0       0       0
             *

186          KK   S150R
187          KM   Sub-Basin  S150R
188          KM
189          KM      The Phoenix Mountain S-Graph is used for this basin.
190          KM          Lag Used =  30.2 minutes
191          KM
192          BA  1.9946
193          LG    0.20    0.35    4.30    0.40    8.90
194          UI     223     506    1119    1572    2091    2159    1391    1178     994     825
195          UI     631     529     450     336     273     243     171     158     109     109
196          UI      85      43      43      43      43      43      43       0       0       0
197          UI       0       0       0       0       0       0       0       0       0       0
             *

198          KK    C150
199          KM      Combine routed hydrograph from C140 w/runoff from S150 and S150R at C120.
200          HC       3
             *

201          KK  150160
202          KM   Normal depth channel route from C150 to C160.
203          KM       Source:  Hydrology Field Reconnaissance, page 15
204          KM       End points were extended
205          RS       1    FLOW      -1
206          RC   0.100   0.080   0.100    1000    0.02
207          RX   995.0  1005.0  1019.0  1037.0  1081.0  1096.0  1170.0  1180.0
208          RY   106.9    96.9    94.8    90.7    90.0    93.3    96.6   106.6
209          RL                    0.40    90.0
             *

210          KK    S160
211          KM   Sub-Basin   S160
212          KM
213          KM      The Phoenix Mountain S-Graph is used for this basin.
214          KM          Lag Used =  38.7 minutes
215          KM
216          BA  1.2938
217          LG    0.25    0.35    4.80    0.33    4.90
218          UI     113     159     400     635     797     964    1289     851     683     605
219          UI     534     460     393     318     273     249     206     164     142     123
220          UI     105      86      81      55      55      55      38      22      22      22
```

```
221          UI      22      22      22      22      22       0       0       0       0       0
222          UI       0       0       0       0       0       0       0       0       0       0
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

223          KK    C160
224          KM      Combine routed hydrograph from C150 w/runoff from S160 at C160.
225          HC       2
             *

226          KK  160170
227          KM   Normal depth channel route from C160 to C170.
228          KM       Source:  Hydrology Field Reconnaissance, page 16
229          RS       1    FLOW      -1
230          RC   0.090   0.045   0.090    4600  0.0196
231          RX  1000.0  1024.0  1055.0  1068.0  1115.0  1119.0  1145.0  1198.0
232          RY   103.8    99.3    94.2    91.0    90.0    92.0    94.8   102.8
233          RL                   0.40    90.0
             *

234          KK    S170
235          KM   Sub-Basin   S170
236          KM
237          KM      The Phoenix Mountain S-Graph is used for this basin.
238          KM          Lag Used =  24.0 minutes
239          KM
240          BA  0.9134
241          LG   0.20    0.40    5.80    0.20    6.70
242          UI    128     430     833    1173    1149     745     606     479     349     288
243          UI    212     157     128      98      68      63      40      25      25      25
244          UI     25      25       0       0       0       0       0       0       0       0
245          UI      0       0       0       0       0       0       0       0       0       0
             *

246          KK   S170R
247          KM   Sub-Basin  S170R
248          KM
249          KM      The Phoenix Mountain S-Graph is used for this basin.
250          KM          Lag Used =  54.8 minutes
251          KM
252          BA  3.4168
253          LG   0.20    0.35    4.60    0.33    8.60
254          UI    210     210     398     725    1052    1318    1513    1694    2116    2450
255          UI   1599    1348    1229    1120    1025     932     842     755     657     551
256          UI    512     483     440     367     327     268     258     230     230     164
257          UI    161     161     122     103     103     103     103      71      40      40
258          UI     40      40      40      40      40      40      40      40      40      40
259          UI      0       0       0       0       0       0       0       0       0       0
260          UI      0       0       0       0       0       0       0       0       0       0
             *

261          KK    C170
262          KM      Combine routed hydrograph from C160 w/runoff from S170 and S170R at C170.
263          HC       3
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

264          KK  170180
265          KM   Normal depth channel route from C170 to C180.
266          KM       Source:  Hydrology Field Reconnaissance, page 16
267          KM       End points were extended
268          RS       1    FLOW      -1
269          RC   0.090   0.045   0.090    4000  0.0174
270          RX     994  1024.0  1055.0  1068.0  1115.0  1119.0  1145.0    1211
271          RY   104.9    99.3    94.2    91.0    90.0    92.0    94.8   104.8
272          RL                   0.40    90.0
             *

273          KK    S180
274          KM   Sub-Basin   S180
275          KM
276          KM      The Phoenix Mountain S-Graph is used for this basin.
277          KM          Lag Used =  52.5 minutes
278          KM
279          BA  3.8030
280          LG   0.25    0.40    5.80    0.20    4.50
281          UI    244     244     513     899    1302    1582    1821    2095    2727    2417
282          UI   1706    1482    1362    1232    1128    1009     904     788     661     600
283          UI    563     515     428     375     312     294     267     252     187     187
284          UI    184     119     119     119     119     111      47      47      47      47
285          UI     47      47      47      47      47      47      47      47       0       0
286          UI      0       0       0       0       0       0       0       0       0       0
             *

287          KK    C180
288          KM      Combine routed hydrograph from C170 w/runoff from S180 at C180.
289          HC       2
             *

290          KK  180190
291          KM   Normal depth channel route from C180 to C190.
292          KM       Source:  Hydrology Field Reconnaissance, page 17
293          KM       End points were extended
294          RS       3    FLOW      -1
295          RC   0.120   0.045   0.120   16600  0.0157
296          RX     981  1046.0  1111.0  1135.0  1169.0  1195.0  1223.0    1226
297          RY   102.2    98.4    93.5    90.0    90.7    92.6    96.3   103.3
298          RL                   0.40    90.0
             *
```

```
 299          KK   S190L
 300          KM   Sub-Basin  S190L
 301          KM
 302          KM      The Phoenix Mountain S-Graph is used for this basin.
 303          KM          Lag Used =  32.3 minutes
 304          KM
 305          BA  2.8141
 306          LG    0.20     0.37     6.40     0.16     1.90
 307          UI     293      576     1361     1963     2460     3230     2042     1680     1443     1224
 308          UI    1008      783      688      573      439      362      321      236      225      148
 309          UI     144      144       64       56       56       56       56       56       56        0
1                                          HEC-1 INPUT                                                    PAGE  8

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 310          UI       0        0        0        0        0        0        0        0        0        0
 311          UI       0        0        0        0        0        0        0        0        0        0
              *

 312          KK   S190R
 313          KM   Sub-Basin  S190R
 314          KM
 315          KM      The Phoenix Mountain S-Graph is used for this basin.
 316          KM          Lag Used =  53.7 minutes
 317          KM
 318          BA  4.3696
 319          LG    0.25     0.38     5.40     0.23     6.50
 320          UI     274      274      547      970     1421     1747     2009     2266     2899     3001
 321          UI    2001     1710     1569     1425     1305     1174     1073      925      796      697
 322          UI     651      606      544      450      376      350      310      300      251      210
 323          UI     210      185      134      134      134      134      111       53       53       53
 324          UI      53       53       53       53       53       53       53       53       53        0
 325          UI       0        0        0        0        0        0        0        0        0        0
 326          UI       0        0        0        0        0        0        0        0        0        0
              *

 327          KK    C190
 328          KM      Combine routed hydrograph from C180 w/runoff from S190L and S190R at C190.
 329          HC       3
              *

 330          KK  190200
 331          KM   Normal depth channel route from C190 to C200.
 332          KM       Source:  Hydrology Field Reconnaissance, page 18
 333          KM       End points were extended
 334          RS       2    FLOW      -1
 335          RC   0.090   0.055   0.070   11000  0.0136
 336          RX  1000.0  1005.0  1064.0  1083.0  1105.0  1125.0  1150.0  1160.0
 337          RY   107.8    97.8    92.7    91.2    90.0    91.8    94.5   114.5
 338          RL                   0.40    90.0
              *

 339          KK    S200
 340          KM   Sub-Basin   S200
 341          KM
 342          KM      The Phoenix Mountain S-Graph is used for this basin.
 343          KM          Lag Used =  28.8 minutes
 344          KM
 345          BA  3.9485
 346          LG    0.20     0.35     4.90     0.31     9.40
 347          UI     462     1141     2454     3378     4797     3798     2728     2302     1919     1533
 348          UI    1171     1021      802      593      510      394      353      226      226      185
 349          UI      88       88       88       88       88       88        0        0        0        0
 350          UI       0        0        0        0        0        0        0        0        0        0
              *
1                                          HEC-1 INPUT                                                    PAGE  9

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 351          KK    C200
 352          KM      Combine routed hydrograph from C190 w/runoff from S200 at C200.
 353          HC       2
              *

 354          KK  200210
 355          KM   Normal depth channel route from C200 to C210.
 356          KM       Source:  200 Scale 2' CI Mapping, sheet 5
 357          RS       1    FLOW      -1
 358          RC   0.065   0.060   0.065    4800  0.0125
 359          RX  1000.0  1150.0  1434.0  1480.0  1520.0  1535.0  1540.0  1550.0
 360          RY  2156.0  2148.0  2148.0  2142.0  2142.0  2148.0  2150.0  2156.0
 361          RL                   0.95  2142.0
              *

 362          KK    S210
 363          KM   Sub-Basin   S210
 364          KM
 365          KM      The Phoenix Mountain S-Graph is used for this basin.
 366          KM          Lag Used =  83.6 minutes
 367          KM
 368          BA  10.345
 369          LG    0.21     0.33     4.70     0.34    15.80
 370          UI     417      417      417      539     1199     1526     1859     2428     2630     2910
 371          UI    3137     3357     3891     4602     5020     3543     2980     2690     2492     2388
 372          UI    2235     2110     1989     1872     1736     1643     1521     1384     1275     1102
 373          UI    1048     1015      959      923      872      764      685      649      533      533
 374          UI     515      457      457      457      358      320      320      320      320      238
 375          UI     204      204      204      204      204      204      204       98       80       80
 376          UI      80       80       80       80       80       80       80       80       80       80
 377          UI      80       80       80       80       80       80       80        0        0        0
 378          UI       0        0        0        0        0        0        0        0        0        0
              *

 379          KK    C210
 380          KM      Combine routed hydrograph from C200 w/runoff from S210 at C210.
```

```
381          HC       2
             *

382          KK  210220
383          KM   Normal depth channel route from C210 to C220.
384          KM       Source:  200 Scale 2' CI Mapping, sheet 5
385          RS       1    FLOW      -1
386          RC   0.065   0.060   0.065    4800  0.0125
387          RX  1000.0  1150.0  1434.0  1480.0  1520.0  1535.0  1540.0  1550.0
388          RY  2156.0  2148.0  2148.0  2142.0  2142.0  2148.0  2150.0  2156.0
389          RL                    0.95  2142.0
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

390          KK    S220
391          KM   Sub-Basin   S220
392          KM
393          KM      The Phoenix Mountain S-Graph is used for this basin.
394          KM          Lag Used =  36.2 minutes
395          KM
396          BA  3.6349
397          LG   0.23    0.31    5.30    0.24   18.90
398          UI    338     552    1303    2063    2526    3284    3443    2227    1914    1668
399          UI   1443    1228     974     828     746     606     475     411     371     278
400          UI    259     197     166     166     139      65      65      65      65      65
401          UI     65      65      65       0       0       0       0       0       0       0
402          UI      0       0       0       0       0       0       0       0       0       0
             *

403          KK    C220
404          KM      Combine routed hydrograph from C210 w/runoff from S220 at C220.
405          HC       2
             *

406          KK  220230
407          KM   Normal depth channel route from C220 to C230.
408          KM       Source:  200 Scale 2' CI Mapping, sheet 5
409          RS       1    FLOW      -1
410          RC   0.065   0.060   0.065    4800  0.0125
411          RX  1000.0  1150.0  1434.0  1480.0  1520.0  1535.0  1540.0  1550.0
412          RY  2156.0  2148.0  2148.0  2142.0  2142.0  2148.0  2150.0  2156.0
413          RL                    0.95  2142.0
             *

414          KK    S230
415          KM   Sub-Basin   S230
416          KM
417          KM      The Phoenix Mountain S-Graph is used for this basin.
418          KM          Lag Used =  32.9 minutes
419          KM
420          BA  1.8388
421          LG   0.27    0.16    6.80    0.13   21.20
422          UI    188     360     846    1240    1539    2109    1356    1099     948     809
423          UI    675     529     448     398     300     240     208     171     144     114
424          UI     92      92      65      36      36      36      36      36      36      36
425          UI      0       0       0       0       0       0       0       0       0       0
426          UI      0       0       0       0       0       0       0       0       0       0
             *

427          KK    C230
428          KM      Combine routed hydrograph from C220 w/runoff from S230 at C230.
429          HC       2
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

430          KK  230240
431          KM   Normal depth channel route from C230 to C240.
432          KM       Source:  200 Scale 2' CI Mapping, sheet 5
433          RS       1    FLOW      -1
434          RC   0.065   0.060   0.065    2300  0.0117
435          RX  1000.0  1003.0  1323.0  1329.0  1353.0  1371.0  1593.0  1665.0
436          RY  2130.0  2128.0  2118.0  2116.0  2116.0  2126.0  2126.0  2130.0
437          RL                    0.95  2116.0
             *

438          KK    S240
439          KM   Sub-Basin   S240
440          KM
441          KM      The Phoenix Mountain S-Graph is used for this basin.
442          KM          Lag Used =  39.5 minutes
443          KM
444          BA  2.6267
445          LG   0.27    0.17    6.80    0.13   15.20
446          UI    224     300     774    1234    1557    1861    2543    1821    1395    1235
447          UI   1087     950     821     667     563     513     444     357     286     257
448          UI    241     172     172     129     110     110     110      45      43      43
449          UI     43      43      43      43      43      43       0       0       0       0
450          UI      0       0       0       0       0       0       0       0       0       0
             *

451          KK    C240
452          KM      Combine routed hydrograph from C230 w/runoff from S240 at C240.
453          HC       2
             *

454          KK  240250
455          KM   Normal depth channel route from C240 to C250.
456          KM       Source:  200 Scale 2' CI Mapping, sheet 4
457          RS       1    FLOW      -1
458          RC   0.070   0.060   0.070    6200  0.0105
```

```
459          RX  1000.0  1087.0  1101.0  1128.0  1168.0  1193.0  1488.0  1490.0
460          RY  2076.0  2072.0  2064.0  2060.0  2060.0  2066.0  2070.0  2076.0
461          RL                    0.95  2060.0
             *

462          KK    S250
463          KM   Sub-Basin   S250
464          KM
465          KM      The Phoenix Mountain S-Graph is used for this basin.
466          KM          Lag Used =  52.9 minutes
467          KM
468          BA  5.8865
469          LG   0.27    0.19    6.60    0.14   17.80
470          UI    375     375     773    1361    1979    2409    2779    3177    4082    3880
471          UI   2661    2292    2116    1910    1756    1559    1419    1226    1041     932
472          UI    873     804     687     603     479     466     410     410     292     287
473          UI    287     205     183     183     183     183      92      72      72      72
474          UI     72      72      72      72      72      72      72      72       0       0
475          UI      0       0       0       0       0       0       0       0       0       0
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

476          KK    C250
477          KM      Combine routed hydrograph from C240 w/runoff from S250 at C250.
478          HC       2
             *

479          KK  250260
480          KM   Normal depth channel route from C250 to C260.
481          KM       Source:  200 Scale 2' CI Mapping, sheet 4
482          RS       1    FLOW      -1
483          RC   0.070   0.055   0.070    1500  0.0067
484          RX  1000.0  1030.0  1053.0  1055.0  1070.0  1087.0  1185.0  1305.0
485          RY  2048.0  2030.0  2028.0  2026.0  2026.0  2030.0  2040.0  2050.0
486          RL                    0.95  2026.0
             *

487          KK   S260L
488          KM   Sub-Basin  S260L
489          KM
490          KM      The Phoenix Mountain S-Graph is used for this basin.
491          KM          Lag Used =  55.8 minutes
492          KM
493          BA  3.7813
494          LG   0.25    0.29    5.70    0.21   19.40
495          UI    228     228     413     773    1108    1408    1622    1803    2209    2711
496          UI   1868    1515    1352    1249    1138    1047     942     852     744     635
497          UI    570     535     498     443     375     311     291     260     250     219
498          UI    175     175     171     112     112     112     112     112      56      44
499          UI     44      44      44      44      44      44      44      44      44      44
500          UI     44       0       0       0       0       0       0       0       0       0
501          UI      0       0       0       0       0       0       0       0       0       0
             *

502          KK   S260R
503          KM   Sub-Basin  S260R
504          KM
505          KM      The Phoenix Mountain S-Graph is used for this basin.
506          KM          Lag Used =  28.2 minutes
507          KM
508          BA  1.6479
509          LG   0.24    0.22    7.00    0.12   17.70
510          UI    197     506    1075    1471    2111    1500    1134     956     787     609
511          UI    484     420     304     242     211     151     130      96      96      53
512          UI     38      38      38      38      38      38       0       0       0       0
513          UI      0       0       0       0       0       0       0       0       0       0
             *

514          KK    C260
515          KM      Combine routed hydrograph from C250 w/runoff from S260L and S260R at C210.
516          HC       3
             *
             *
             * **  260310 too short to route, L=900'
             *
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

517          KK    S270
518          KM   Sub-Basin   S270
519          KM
520          KM      The Phoenix Mountain S-Graph is used for this basin.
521          KM          Lag Used =  72.0 minutes
522          KM
523          BA  4.8632
524          LG   0.26    0.33    5.80    0.20   20.90
525          UI    227     227     227     520     770     988    1319    1465    1635    1770
526          UI   2008    2436    2714    1858    1568    1406    1325    1235    1154    1076
527          UI   1000     927     861     769     697     601     564     540     521     475
528          UI    429     373     337     290     290     255     249     249     188     174
529          UI    174     174     143     111     111     111     111     111     111      62
530          UI     44      44      44      44      44      44      44      44      44      44
531          UI     44      44      44      44      44      44       0       0       0       0
532          UI      0       0       0       0       0       0       0       0       0       0
             *

533          KK  270300
534          KM   Normal depth channel route from C270 to C300.
535          KM       Source:  Hydrology Field Reconnaissance, page 13
536          RS       5    FLOW      -1
```

```
537          RC   0.100   0.030   0.100   12500  0.0288
538          RX  1000.0  1015.0  1095.0  1095.5  1128.5  1129.0  1209.0  1224.0
539          RY   104.0    94.0    93.0    90.0    90.0    93.0    94.0   104.0
540          RL                    0.95    90.0
             *

541          KK    S280
542          KM   Sub-Basin   S280
543          KM
544          KM      The Phoenix Mountain S-Graph is used for this basin.
545          KM          Lag Used =  60.9 minutes
546          KM
547          BA  5.9326
548          LG    0.20    0.28    4.70    0.33   24.90
549          UI     328     328     451    1014    1382    1884    2163    2437    2708    3356
550          UI    3893    2615    2193    1961    1834    1678    1554    1419    1298    1170
551          UI    1036     875     810     767     718     658     539     481     419     402
552          UI     359     359     280     252     252     244     161     161     161     161
553          UI     161     125      63      63      63      63      63      63      63      63
554          UI      63      63      63      63      63      63       0       0       0       0
555          UI       0       0       0       0       0       0       0       0       0       0
             *

556          KK  280295
557          KM   Normal depth channel route from C280 to C295.
558          KM       Source:  Hydrology Field Reconnaissance, page 12
559          RS       3    FLOW      -1
560          RC   0.080   0.050   0.070   13800  0.0249
561          RX  1000.0  1020.0  1040.0  1040.1  1202.9  1203.0  1223.0  1243.0
562          RY   110.0   100.0    90.0    90.0    90.0    90.0   100.0   110.0
563          RL                    0.80    90.0
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

564          KK    S290
565          KM   Sub-Basin   S290
566          KM
567          KM    The Phoenix Desert/Rangeland S-Graph is used for this basin.
568          KM          Lag Used =  59.2 minutes
569          KM
570          BA  7.6391
571          LG    0.20    0.27    5.00    0.28   21.40
572          UI    434.    434.    660.   1396.   1957.   2547.   3012.   3567.   3882.   4077.
573          UI   4164.   4088.   3873.   3481.   3003.   2563.   2227.   1944.   1650.   1430.
574          UI   1242.   1049.    907.    819.    670.    625.    460.    460.    358.    297.
575          UI    297.    297.    172.    106.    106.    106.    106.    106.    106.    106.
576          UI    106.    106.    106.      0.      0.      0.      0.      0.      0.      0.
577          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
             *
             *
             * **  290295 too short to route, L=2400'  S=0.0242
             *
             *

578          KK    C295
579          KM      Combine routed hydrographs from and C280 w/runoff from S290 at C295.
580          HC       2
             *

581          KK  295300
582          KM   Normal depth channel route from C295 to C300.
583          KM       Source:  Hydrology Field Reconnaissance, page 10
584          KM       Elevations were adjusted up 0.3' from field book
585          RS       1    FLOW      -1
586          RC   0.050   0.035   0.050    3000  0.0240
587          RX  1000.0  1010.6  1021.1  1035.6  1143.2  1150.2  1168.6  1180.6
588          RY   103.8   100.3    97.8    90.3    90.0    93.9    93.2    97.5
589          RL                    0.60    90.0
             *

590          KK    C300
591          KM      Combine routed hydrographs from C270 and C295 at C300.
592          HC       2
             *

593          KK  300310
594          KM   Normal depth channel route from C300 to C310.
595          KM       Source:  Hydrology Field Reconnaissance, page 9
596          RS       1    FLOW      -1
597          RC   0.100   0.035   0.045    4000  0.0188
598          RX  1000.0  1005.0  1012.5  1026.2  1072.7  1085.6  1091.6  1097.6
599          RY    98.8    95.6    92.0    90.0    90.0    92.1    98.6   105.0
600          RL                    0.95    90.0
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

601          KK    S310
602          KM   Sub-Basin   S310
603          KM
604          KM    The Phoenix Desert/Rangeland S-Graph is used for this basin.
605          KM          Lag Used =  39.8 minutes
606          KM
607          BA  2.3871
608          LG    0.26    0.26    5.40    0.23    9.10
609          UI    202.    266.    702.   1107.   1462.   1759.   1902.   1917.   1783.   1473.
610          UI   1171.    950.    766.    608.    488.    393.    320.    247.    214.    144.
611          UI    138.    116.     49.     49.     49.     49.     49.     49.     49.      0.
612          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
613          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
             *
```

```
KK   C310L
KM      Combine routed hydrograph from C300 w/runoff from S310 at C310L.
HC       2
*

KK    C310
KM      Combine hydrograph from C260 with hydrograph from C310L at C310.
HC       2
*

KK  310390
KM   Normal depth channel route from C310 to C390.
KM       Source:  Hydrology Field Reconnaissance, page 24
RS       1    FLOW      -1
RC   0.070   0.055   0.070    2000  0.0125
RX  1000.0  1016.0  1243.0  1257.0  1329.0  1426.0  1501.0  1564.0
RY  2024.0  2014.0  2012.0  2008.0  2008.0  2012.0  2012.0  2024.0
RL                    0.95  2008.0
*
*
* ****************** START ANDORA HILLS WASH MAJOR BASIN ************************
*
*

KK    S320
KM   Sub-Basin   S320
KM
KM      The Clark Unit Hydrograph is used for this basin.
KM          The HEC-1 time-area relation is used for this basin.
KM
KM      Time of Concentration for this sub-basin is based on the following:
KM          An rainfall areal reduction factor of 1.000
KM
KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
KM   .32 .32 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
KM
KM          L=   0.947 miles, S=  201 feet/mile, Kb= .05
KM
```



```
LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

BA  0.4542
LG    0.25    0.26    6.00    0.18   12.50
UC   0.258   0.124
*

KK  320340
KM   Normal depth channel route from C320 to C340.
KM       Source:  Hydrology Field Reconnaissance, page 1
RS       1    FLOW      -1
RC   0.080   0.040   0.080    1800  0.0139
RX   980.0  1010.0  1021.8  1030.7  1053.0  1060.2  1069.2  1078.0
RY    95.7    93.5    92.0    90.0    90.8    92.6    94.8    95.8
RL                    0.15    90.0
*

KK    S330
KM   Sub-Basin   S330
KM
KM      The Clark Unit Hydrograph is used for this basin.
KM          The Urban time-area relation is used for this basin.
KM
KM      Time of Concentration for this sub-basin is based on the following:
KM          An rainfall areal reduction factor of 1.000
KM
KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
KM   .34 .34 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
KM
KM          L=   1.212 miles, S=  111 feet/mile, Kb= .04
KM
BA  0.1635
LG    0.21    0.15    8.00    0.08   27.60
UC   0.321   0.343
UA       0       5      16      30      65      77      84      90      94      97
UA     100
*

KK  330340
KM   Normal depth channel route from C330 to C340.
KM       Source:  Hydrology Field Reconnaissance, page 2
RS       1    FLOW      -1
RC   0.060   0.050   0.070    1400  0.0321
RX  1000.0  1002.8  1010.2  1016.0  1018.8  1023.0  1052.0  1072.5
RY    97.6    95.2    92.5    90.2    90.0    91.0    94.0    98.1
RL                    0.15    90.0
*

KK   S340L
KM   Sub-Basin  S340L
KM
KM      The Clark Unit Hydrograph is used for this basin.
KM          The HEC-1 time-area relation is used for this basin.
KM
KM      Time of Concentration for this sub-basin is based on the following:
KM          An rainfall areal reduction factor of 1.000
```



```
LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

KM
KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
```

```
693          KM   .32 .32 .32 .32 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
694          KM
695          KM          L=   0.966 miles, S=  350 feet/mile, Kb= .09
696          KM
697          BA  0.2401
698          LG   0.25    0.27    6.20    0.17   13.70
699          UC   0.321   0.230
             *

700          KK   S340R
701          KM   Sub-Basin  S340R
702          KM
703          KM      The Clark Unit Hydrograph is used for this basin.
704          KM          The Urban time-area relation is used for this basin.
705          KM
706          KM      Time of Concentration for this sub-basin is based on the following:
707          KM          An rainfall areal reduction factor of 1.000
708          KM
709          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
710          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
711          KM   .33 .33 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .02 .02 .02 .02
712          KM
713          KM          L=   0.644 miles, S=  217 feet/mile, Kb= .06
714          KM
715          BA  0.0648
716          LG   0.16    0.18    6.60    0.14   40.60
717          UC   0.233   0.246
718          UA      0       5      16      30      65      77      84      90      94      97
719          UA    100
             *

720          KK    C340
721          KM      Combine routed hydrographs from C320 and C340 w/runoff from S340L & S340R.
722          HC       4
             *

723          KK  340350
724          KM   Normal depth channel route from C340 to C350.
725          KM       Source:  Hydrology Field Reconnaissance, page 3
726          RS       1    FLOW      -1
727          RC   0.085   0.030   0.060    2100  0.0119
728          RX   997.5  1017.5  1029.0  1029.5  1047.2  1047.7  1065.1  1081.3
729          RY    96.2    92.7    90.6    90.2    90.0    90.5    93.1    96.3
730          RL                    0.15    90.0
             *

731          KK    S350
732          KM   Sub-Basin   S350
733          KM
734          KM      The Clark Unit Hydrograph is used for this basin.
735          KM          The HEC-1 time-area relation is used for this basin.
736          KM
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

737          KM      Time of Concentration for this sub-basin is based on the following:
738          KM          An rainfall areal reduction factor of 1.000
739          KM
740          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
741          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
742          KM   .32 .32 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .01 .01 .01 .01 .01 .01
743          KM
744          KM          L=   0.663 miles, S=  219 feet/mile, Kb= .08
745          KM
746          BA  0.1607
747          LG   0.23    0.24    6.00    0.18   23.20
748          UC   0.275   0.180
             *

749          KK    C350
750          KM      Combine routed hydrograph from C340 w/runoff from S350 at C350.
751          HC       2
             *

752          KK  350360
753          KM   Normal depth channel route from C350 to C360.
754          KM       Source:  Hydrology Field Reconnaissance, page 4
755          RS       2    FLOW      -1
756          RC   0.070   0.045   0.070    4700  0.0213
757          RX  1000.0  1010.5  1032.2  1045.4  1060.2  1067.5  1107.6  1135.8
758          RY    97.1    93.4    92.0    90.0    90.2    93.6    93.5    96.5
759          RL                    0.15    90.0
             *

760          KK    S360
761          KM   Sub-Basin   S360
762          KM
763          KM      The Clark Unit Hydrograph is used for this basin.
764          KM          The HEC-1 time-area relation is used for this basin.
765          KM
766          KM      Time of Concentration for this sub-basin is based on the following:
767          KM          An rainfall areal reduction factor of 1.000
768          KM
769          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
770          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
771          KM   .33 .32 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .01 .01 .01 .01 .01 .01
772          KM
773          KM          L=   1.591 miles, S=  141 feet/mile, Kb= .09
774          KM
775          BA  0.5782
776          LG   0.24    0.23    6.40    0.16   19.00
777          UC   0.525   0.359
             *

778          KK    C360
```

```
 779          KM      Combine routed hydrograph from C350 w/runoff from S360 at C360.
 780          HC       2
              *
1                                          HEC-1 INPUT                                                    PAGE 19

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 781          KK  360370
 782          KM   Normal depth channel route from C360 to C370.
 783          KM       Source:  Hydrology Field Reconnaissance, page 5
 784          RS       1    FLOW      -1
 785          RC   0.050   0.030   0.060    3600  0.0222
 786          RX  1000.0  1013.0  1023.0  1026.4  1040.0  1045.0  1052.9  1060.8
 787          RY    98.7    91.6    90.8    90.0    90.6    91.6    95.8   100.0
 788          RL                    0.30    90.0
              *

 789          KK    S370
 790          KM   Sub-Basin   S370
 791          KM
 792          KM      The Clark Unit Hydrograph is used for this basin.
 793          KM          The Urban time-area relation is used for this basin.
 794          KM
 795          KM      Time of Concentration for this sub-basin is based on the following:
 796          KM          An rainfall areal reduction factor of 1.000
 797          KM
 798          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 799          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 800          KM   .34 .34 .34 .34 .34 .34 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
 801          KM
 802          KM          L=   1.496 miles, S=  137 feet/mile, Kb= .04
 803          KM
 804          BA  0.3411
 805          LG   0.06    0.14    7.00    0.11   69.00
 806          UC   0.321   0.267
 807          UA       0       5      16      30      65      77      84      90      94      97
 808          UA     100
              *

 809          KK    C370
 810          KM      Combine routed hydrograph from C360 w/runoff from S370 at C370.
 811          HC       2
              *

 812          KK  370385
 813          KM   Normal depth channel route from C370 to C385.
 814          KM       Source:  Hydrology Field Reconnaissance, page 6
 815          KM       End points were extended at a slope of 1:10 due to golf course
 816          RS       1    FLOW      -1
 817          RC   0.025   0.025   0.025    2800  0.0132
 818          RX   968.5  1008.5  1014.0  1014.5  1026.8  1027.3  1040.2  1071.8
 819          RY    97.9    93.9    91.4    90.0    90.5    91.4    93.6    97.9
 820          RL                    0.35    90.0
              *

 821          KK    S380
 822          KM   Sub-Basin   S380
 823          KM
 824          KM      The Clark Unit Hydrograph is used for this basin.
 825          KM          The Urban time-area relation is used for this basin.
 826          KM
1                                          HEC-1 INPUT                                                    PAGE 20

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 827          KM      Time of Concentration for this sub-basin is based on the following:
 828          KM          An rainfall areal reduction factor of 1.000
 829          KM
 830          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 831          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 832          KM   .34 .34 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
 833          KM
 834          KM          L=   0.985 miles, S=  317 feet/mile, Kb= .04
 835          KM
 836          BA  0.4153
 837          LG   0.21    0.16    7.00    0.12   37.20
 838          UC   0.200   0.101
 839          UA       0       5      16      30      65      77      84      90      94      97
 840          UA     100
              *

 841          KK  380385
 842          KM   Normal depth channel route from C380 to C385.
 843          KM       Source:  Hydrology Field Reconnaissance, page 8
 844          KM       End points were extended
 845          RS       1    FLOW      -1
 846          RC   0.060   0.035   0.060    2900  0.0110
 847          RX  1000.0  1016.4  1025.9  1032.9  1042.6  1049.3  1059.5  1071.0
 848          RY    96.4    92.6    90.8    90.0    90.2    91.0    92.6    95.6
 849          RL                    0.10    90.0
              *

 850          KK    C385
 851          KM      Combine routed hydrographs from C370 and C380 at C385.
 852          HC       2
              *

 853          KK  385390
 854          KM   Normal depth channel route from C385 to C390.
 855          KM       Source:  Hydrology Field Reconnaissance, page 7
 856          RS       1    FLOW      -1
 857          RC   0.070   0.035   0.060    2600  0.0223
 858          RX   998.0  1002.0  1012.5  1020.7  1028.2  1031.9  1041.7  1072.7
 859          RY    98.3    96.1    91.2    90.3    90.0    91.8    92.4    98.3
 860          RL                    0.05    90.0
```

```
                *
 861            KK    S390
 862            KM   Sub-Basin   S390
 863            KM
 864            KM      The Clark Unit Hydrograph is used for this basin.
 865            KM          The Urban time-area relation is used for this basin.
 866            KM
 867            KM      Time of Concentration for this sub-basin is based on the following:
 868            KM          An rainfall areal reduction factor of 1.000
 869            KM
 870            KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 871            KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 872            KM   .33 .33 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
 873            KM
1                                          HEC-1 INPUT                                                    PAGE 21

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 874            KM          L=   1.515 miles, S=  158 feet/mile, Kb= .04
 875            KM
 876            BA  0.3472
 877            LG    0.16    0.26    6.60    0.14   23.00
 878            UC   0.313   0.259
 879            UA       0       5      16      30      65      77      84      90      94      97
 880            UA     100
                *

 881            KK   C390L
 882            KM      Combine routed hydrograph from C385 w/runoff from S390 at C390L.
 883            HC       2
                *
                *
                * ******************** END ANDORA HILLS WASH MAJOR BASIN ************************
                *
                *

 884            KK    C390
 885            KM      Combine routed hydrograph from C310 with hydrograph from C390L at C390.
 886            HC       2
                *

 887            KK  390400
 888            KM   Modified pulse channel route from C390 to C400.
 889            KM       Source:  Rating curve generated using HEC-RAS v1.1
 890            RS       2    FLOW      -1
 891            SV       0     222     316     420     468     514     558     601     642     681
 892            SV     720     758     794     830     865     905     938     973    1005    1038
 893            SQ       0    4000    8000   12000   14000   16000   18000   20000   22000   24000
 894            SQ   26000   28000   30000   32000   34000   36000   38000   40000   42000   44000
 895            SE    90.0    95.1    96.6    97.6    98.1    98.4    98.8    99.1    99.5    99.8
 896            SE   100.0   100.3   100.6   100.8   101.1   101.4   101.6   101.9   102.1   102.3
 897            RL                    0.75    90.0
                *

 898            KK    S400
 899            KM   Sub-Basin   S400
 900            KM
 901            KM      The Phoenix Mountain S-Graph is used for this basin.
 902            KM          Lag Used =  38.9 minutes
 903            KM
 904            BA  3.0586
 905            LG    0.24    0.24    6.80    0.13   17.10
 906            UI     265     369     935    1486    1867    2250    3029    2036    1617    1432
 907            UI    1264    1091     936     755     649     589     494     395     337     290
 908            UI     257     203     199     130     130     130      99      51      51      51
 909            UI      51      51      51      51      51       0       0       0       0       0
 910            UI       0       0       0       0       0       0       0       0       0       0
                *
1                                          HEC-1 INPUT                                                    PAGE 22

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 911            KK   C400R
 912            KO       1                                  21
 913            KM      Combine routed hydrograph from C390 w/runoff from S400 at C400R.
 914            HC       2
                *

 915            KK   S400L
 916            KM   Sub-Basin  S400L
 917            KM
 918            KM      The Phoenix Desert/Rangeland S-Graph is used for this basin.
 919            KM          Lag Used =  59.7 minutes
 920            KM
 921            BA  5.0257
 922            LG    0.24    0.26    6.00    0.18   17.90
 923            UI    283.    283.    418.    901.   1259.   1647.   1959.   2301.   2522.   2647.
 924            UI   2716.   2677.   2547.   2306.   2001.   1700.   1484.   1283.   1111.    955.
 925            UI    826.    710.    610.    534.    457.    435.    303.    300.    259.    194.
 926            UI    194.    194.    147.     69.     69.     69.     69.     69.     69.     69.
 927            UI     69.     69.     69.      0.      0.      0.      0.      0.      0.      0.
 928            UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                *

 929            KK    C400
 930            KO       1                                  21
 931            KM      Combine hydrograph C400R w/runoff from S400L at C400.
 932            HC       2
                *

 933            KK  400410
 934            KM   Modified pulse channel route from C400 to C410.
 935            KM       Source:  Rating curve generated using HEC-RAS v1.1
 936            RS       2    FLOW      -1
```

```
 937          SV       0      96     183     250     281     319     346     375     400     424
 938          SV     448     472     496     520     545     579     602     624     647     669
 939          SQ       0    4000    8000   12000   14000   16000   18000   20000   22000   24000
 940          SQ   26000   28000   30000   32000   34000   36000   38000   40000   42000   50000
 941          SE    90.0    94.9    96.2    97.6    98.0    98.4    98.7    99.0    99.3    99.6
 942          SE    99.8   100.1   100.3   100.6   100.8   101.1   101.3   101.5   101.7   101.9
 943          RL                    0.60    90.0
              *

 944          KK    S410
 945          KM   Sub-Basin   S410
 946          KM
 947          KM      The Phoenix Desert/Rangeland S-Graph is used for this basin.
 948          KM          Lag Used =  27.4 minutes
 949          KM
 950          BA  1.3078
 951          LG    0.22    0.17    7.60    0.10   17.40
 952          UI    161.    433.    922.   1304.   1513.   1480.   1191.    862.    633.    454.
 953          UI    328.    249.    170.    118.    108.     39.     39.     39.     39.     39.
 954          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 955          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
              *
1                                          HEC-1 INPUT                                          PAGE 23

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 956          KK    C410
 957          KO       1                                 21
 958          KM      Combine routed hydrograph from C400 w/runoff from S410 at C410.
 959          HC       2
              *
 960          ZZ
1
          SCHEMATIC DIAGRAM OF STREAM NETWORK
INPUT
 LINE     (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

  NO.     (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   50      S110L
              .
              .
   66         .        S110R
              .           .
              .           .
   84       C110............
               V
               V
   87     110120
              .
              .
   96         .         S120
              .           .
              .           .
  112       C120............
               V
               V
  115     120130
              .
              .
  124         .         S130
              .           .
              .           .
  137       C130............
               V
               V
  140     130140
              .
              .
  149         .         S140
              .           .
              .           .
  162       C140............
               V
               V
  165     140150
              .
              .
  174         .         S150
              .           .
              .           .
  186         .           .        S150R
              .           .           .
              .           .           .
  198       C150........................
               V
               V
  201     150160
              .
              .
  210         .         S160
              .           .
              .           .
  223       C160............
               V
               V
  226     160170
              .
              .
  234         .         S170
              .           .
              .           .
  246         .           .        S170R
              .           .           .
              .           .           .
```

```
261        C170.......................
              V
              V
264      170180
              .
              .
273           .        S180
              .           .
              .           .
287        C180............
              V
              V
290      180190
              .
              .
299           .       S190L
              .           .
              .           .
312           .           .       S190R
              .           .           .
              .           .           .
327        C190.......................
              V
              V
330      190200
              .
              .
339           .        S200
              .           .
              .           .
351        C200............
              V
              V
354      200210
              .
              .
362           .        S210
              .           .
              .           .
379        C210............
              V
              V
382      210220
              .
              .
390           .        S220
              .           .
              .           .
403        C220............
              V
              V
406      220230
              .
              .
414           .        S230
              .           .
              .           .
427        C230............
              V
              V
430      230240
              .
              .
438           .        S240
              .           .
              .           .
451        C240............
              V
              V
454      240250
              .
              .
462           .        S250
              .           .
              .           .
476        C250............
              V
              V
479      250260
              .
              .
487           .       S260L
              .           .
              .           .
502           .           .       S260R
              .           .           .
              .           .           .
514        C260.......................
              .
              .
517           .        S270
              .           V
              .           V
533           .      270300
              .           .
              .           .
541           .           .        S280
              .           .           V
              .           .           V
556           .           .      280295
              .           .           .
              .           .           .
564           .           .           .        S290
              .           .           .           .
              .           .           .           .
578           .           .        C295............
```

```
                .           .           V
                .           .           V
581             .           .      295300
                .           .           .
                .           .           .
590             .       C300.............
                .           V
                .           V
593             .      300310
                .           .
                .           .
601             .           .       S310
                .           .           .
                .           .           .
614             .      C310L............
                .           .
                .           .
617         C310............
                V
                V
620        310390
                .
                .
628             .       S320
                .           V
                .           V
646             .      320340
                .           .
                .           .
654             .           .       S330
                .           .          V
                .           .          V
674             .           .      330340
                .           .           .
                .           .           .
682             .           .           .      S340L
                .           .           .          .
                .           .           .          .
700             .           .           .          .      S340R
                .           .           .          .          .
                .           .           .          .          .
720             .       C340.......................................
                .           V
                .           V
723             .      340350
                .           .
                .           .
731             .           .       S350
                .           .           .
                .           .           .
749             .       C350............
                .           V
                .           V
752             .      350360
                .           .
                .           .
760             .           .       S360
                .           .           .
                .           .           .
778             .       C360............
                .           V
                .           V
781             .      360370
                .           .
                .           .
789             .           .       S370
                .           .           .
                .           .           .
809             .       C370............
                .           V
                .           V
812             .      370385
                .           .
                .           .
821             .           .       S380
                .           .          V
                .           .          V
841             .           .      380385
                .           .           .
                .           .           .
850             .       C385............
                .           V
                .           V
853             .      385390
                .           .
                .           .
861             .           .       S390
                .           .           .
                .           .           .
881             .      C390L............
                .           .
                .           .
884         C390............
                V
                V
887        390400
                .
                .
898             .       S400
                .           .
                .           .
911         C400R...........
                .
                .
915             .      S400L
                .           .
```

```
                .           .
929         C400............
                V
                V
933       400410
                .
                .
944             .        S410
                .           .
                .           .
956         C410............

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN   1998              *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   07MAR01  TIME  15:14:02  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
```

```
Upper Cave Creek/Apache Wash Watercourse Master Plan  File: CCFUT100.IH1
   By: ASL Consulting Engineers                     Original: 07/31/98
  For: Flood Control District of Maricopa County   Revised: 05/31/99

This is a Future Condition Model based on the MAG 1995 Projected
Landuse Map.

Cave Creek Watershed at Cave Buttes Dam
   Combined HEC-1 models from:
     1.  George V. Sabol Consulting Engineers FCD 95-28
         Cave Creek Watershed at the Carefree Highway
         Original model dated 06-17-96 by mcg
         GVSCE Project No. 84

     2.  Willdan Associates FCD 95-30
         Cave Creek Watershed from Carefree Highway to Cave Buttes Dam
         Original model dated 11-29-96
         Willdan Project No. 08855

Model Basis:

   100-year, 24-hr rainfall with SCS Type II distribution
   Green & Ampt Loss Rate Method
   NMIN = 5
   Phoenix Mountain and Desert/Rangeland S-Graph
   Clark Unit Hydrograph
   Modified Puls channel storage routing
   200 Scale 2' CI mapping of study reach by Aerial Mapping Company


31 IO          OUTPUT CONTROL VARIABLES
                     IPRNT           5  PRINT CONTROL
                     IPLOT           0  PLOT CONTROL
                     QSCAL          0.  HYDROGRAPH PLOT SCALE

   IT          HYDROGRAPH TIME DATA
                      NMIN           5  MINUTES IN COMPUTATION INTERVAL
                     IDATE      1    0  STARTING DATE
                     ITIME        0000  STARTING TIME
                        NQ         900  NUMBER OF HYDROGRAPH ORDINATES
                    NDDATE      4    0  ENDING DATE
                    NDTIME        0255  ENDING TIME
                     ICENT          19  CENTURY MARK

                 COMPUTATION INTERVAL     .08 HOURS
                      TOTAL TIME BASE   74.92 HOURS

        ENGLISH UNITS
             DRAINAGE AREA          SQUARE MILES
             PRECIPITATION DEPTH    INCHES
             LENGTH, ELEVATION      FEET
             FLOW                   CUBIC FEET PER SECOND
             STORAGE VOLUME         ACRE-FEET
             SURFACE AREA           ACRES
             TEMPERATURE            DEGREES FAHRENHEIT

33 JD          INDEX STORM NO. 1
                      STRM        4.98  PRECIPITATION DEPTH
                      TRDA         .01  TRANSPOSITION DRAINAGE AREA

34 PI            PRECIPITATION PATTERN
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .01       .01       .01       .00
                     .01       .00       .01       .01       .01       .01       .01       .01       .06       .06
                     .06       .06       .06       .06       .01       .01       .01       .01       .01       .01
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44 JD INDEX STORM NO. 2
STRM 4.97 PRECIPITATION DEPTH
TRDA 1.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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45 JD INDEX STORM NO. 3
STRM 4.68 PRECIPITATION DEPTH
TRDA 10.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
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46 JD INDEX STORM NO. 4
STRM 4.53 PRECIPITATION DEPTH
TRDA 20.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.01	.00	.01	.01	.01	.01	.01	.01	.06	.06
.06	.06	.06	.06	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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47 JD     INDEX STORM NO. 5
            STRM        4.26  PRECIPITATION DEPTH
            TRDA       70.00  TRANSPOSITION DRAINAGE AREA

 0 PI       PRECIPITATION PATTERN
            .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
            .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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            .01       .00       .01       .01       .01       .01       .01       .01       .06       .06
            .06       .06       .06       .06       .01       .01       .01       .01       .01       .01
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48 JD     INDEX STORM NO. 6
            STRM        4.15  PRECIPITATION DEPTH
            TRDA      130.00  TRANSPOSITION DRAINAGE AREA

 0 PI       PRECIPITATION PATTERN
            .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
            .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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            .00       .00       .00       .00       .00       .00       .01       .01       .01       .00
            .01       .00       .01       .01       .01       .01       .01       .01       .06       .06
            .06       .06       .06       .06       .01       .01       .01       .01       .01       .01
            .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
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49 JD     INDEX STORM NO. 7
            STRM        4.15  PRECIPITATION DEPTH
            TRDA      200.00  TRANSPOSITION DRAINAGE AREA

 0 PI       PRECIPITATION PATTERN
            .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
            .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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WARNING --- ROUTED OUTFLOW (  44133.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44753.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  45144.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  45268.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  45142.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44792.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44255.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44483.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44890.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  45057.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44985.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44694.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44219.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44601.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44988.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  45112.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44987.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44640.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44105.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44333.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44736.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44902.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44831.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44542.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (  44069.) IS GREATER THAN MAXIMUM OUTFLOW (  44000.) IN STORAGE-OUTFLOW TABLE

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

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          *            *
 911 KK   *     C400R  *
          *            *
          **************

 912 KO          OUTPUT CONTROL VARIABLES
                       IPRNT          1  PRINT CONTROL
                       IPLOT          0  PLOT CONTROL
                       QSCAL         0.  HYDROGRAPH PLOT SCALE
                       IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                        IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                       ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                       ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                      TIMINT       .083  TIME INTERVAL IN HOURS

                          Combine routed hydrograph from C390 w/runoff from S400 at C400R.

 914 HC          HYDROGRAPH COMBINATION
                       ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                  ***

*****************************************************************************************************************************

                                          HYDROGRAPH AT     C400R
                                     TRANSPOSITION AREA       .0 SQ MI

*****************************************************************************************************************************
                                  *                                 *                                 *
  DA MON HRMN  ORD      FLOW      *  DA MON HRMN  ORD      FLOW     *  DA MON HRMN  ORD      FLOW     *  DA MON HRMN  ORD      FLOW
                                  *                                 *                                 *
   1    0000    1        0.       *   1    1845  226     3209.     *   2    1330  451        0.       *   3    0815  676        0.
   1    0005    2        0.       *   1    1850  227     3070.     *   2    1335  452        0.       *   3    0820  677        0.
   1    0010    3        0.       *   1    1855  228     2934.     *   2    1340  453        0.       *   3    0825  678        0.
   1    0015    4        1.       *   1    1900  229     2801.     *   2    1345  454        0.       *   3    0830  679        0.
   1    0020    5        2.       *   1    1905  230     2674.     *   2    1350  455        0.       *   3    0835  680        0.
   1    0025    6        3.       *   1    1910  231     2552.     *   2    1355  456        0.       *   3    0840  681        0.
   1    0030    7        5.       *   1    1915  232     2437.     *   2    1400  457        0.       *   3    0845  682        0.
   1    0035    8        7.       *   1    1920  233     2329.     *   2    1405  458        0.       *   3    0850  683        0.
   1    0040    9        8.       *   1    1925  234     2225.     *   2    1410  459        0.       *   3    0855  684        0.
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1	0045	10	10.	*	1	1930	235	2127.	*	2	1415	460	0.	*	3	0900	685	0.
1	0050	11	12.	*	1	1935	236	2034.	*	2	1420	461	0.	*	3	0905	686	0.
1	0055	12	13.	*	1	1940	237	1948.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	14.	*	1	1945	238	1868.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	15.	*	1	1950	239	1794.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	15.	*	1	1955	240	1724.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	16.	*	1	2000	241	1659.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	16.	*	1	2005	242	1598.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	16.	*	1	2010	243	1541.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	20.	*	1	2015	244	1488.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	26.	*	1	2020	245	1438.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	32.	*	1	2025	246	1393.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	39.	*	1	2030	247	1350.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	46.	*	1	2035	248	1311.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	53.	*	1	2040	249	1273.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	61.	*	1	2045	250	1236.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	68.	*	1	2050	251	1201.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	76.	*	1	2055	252	1168.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	83.	*	1	2100	253	1137.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	91.	*	1	2105	254	1108.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	99.	*	1	2110	255	1080.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	106.	*	1	2115	256	1054.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	114.	*	1	2120	257	1029.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	121.	*	1	2125	258	1005.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	129.	*	1	2130	259	982.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	136.	*	1	2135	260	960.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	144.	*	1	2140	261	938.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	152.	*	1	2145	262	917.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	160.	*	1	2150	263	895.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	167.	*	1	2155	264	876.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	175.	*	1	2200	265	857.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	181.	*	1	2205	266	840.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	188.	*	1	2210	267	824.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	195.	*	1	2215	268	809.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	202.	*	1	2220	269	795.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	209.	*	1	2225	270	780.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	215.	*	1	2230	271	765.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	221.	*	1	2235	272	750.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	227.	*	1	2240	273	736.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	233.	*	1	2245	274	723.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	240.	*	1	2250	275	710.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	246.	*	1	2255	276	698.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	253.	*	1	2300	277	686.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	260.	*	1	2305	278	674.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	266.	*	1	2310	279	663.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	273.	*	1	2315	280	652.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	280.	*	1	2320	281	640.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	287.	*	1	2325	282	630.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	293.	*	1	2330	283	620.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	299.	*	1	2335	284	611.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	305.	*	1	2340	285	601.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	312.	*	1	2345	286	592.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	319.	*	1	2350	287	583.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	325.	*	1	2355	288	574.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	331.	*	2	0000	289	565.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	336.	*	2	0005	290	556.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	342.	*	2	0010	291	548.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	348.	*	2	0015	292	539.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	354.	*	2	0020	293	529.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	359.	*	2	0025	294	520.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	364.	*	2	0030	295	510.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	369.	*	2	0035	296	500.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	374.	*	2	0040	297	490.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	379.	*	2	0045	298	480.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	385.	*	2	0050	299	469.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	390.	*	2	0055	300	457.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	395.	*	2	0100	301	446.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	401.	*	2	0105	302	434.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	406.	*	2	0110	303	421.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	411.	*	2	0115	304	408.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	416.	*	2	0120	305	395.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	422.	*	2	0125	306	381.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	427.	*	2	0130	307	367.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	433.	*	2	0135	308	353.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	439.	*	2	0140	309	339.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	445.	*	2	0145	310	325.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	451.	*	2	0150	311	311.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	457.	*	2	0155	312	297.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	464.	*	2	0200	313	283.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	471.	*	2	0205	314	269.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	478.	*	2	0210	315	256.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	486.	*	2	0215	316	243.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	494.	*	2	0220	317	231.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	502.	*	2	0225	318	219.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	510.	*	2	0230	319	207.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	519.	*	2	0235	320	196.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	528.	*	2	0240	321	186.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	537.	*	2	0245	322	176.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	546.	*	2	0250	323	167.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	555.	*	2	0255	324	159.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	566.	*	2	0300	325	151.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	577.	*	2	0305	326	144.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	588.	*	2	0310	327	136.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	599.	*	2	0315	328	130.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	611.	*	2	0320	329	123.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	623.	*	2	0325	330	117.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	636.	*	2	0330	331	112.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	648.	*	2	0335	332	106.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	661.	*	2	0340	333	101.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	675.	*	2	0345	334	96.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	689.	*	2	0350	335	91.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	702.	*	2	0355	336	87.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	716.	*	2	0400	337	83.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	730.	*	2	0405	338	78.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	744.	*	2	0410	339	74.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	759.	*	2	0415	340	70.	*	2	2300	565	0.	*	3	1745	790	0.

1	0935	116	774.	*	2	0420	341	67.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	789.	*	2	0425	342	63.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	804.	*	2	0430	343	60.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	819.	*	2	0435	344	56.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	835.	*	2	0440	345	53.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	851.	*	2	0445	346	50.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	867.	*	2	0450	347	48.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	884.	*	2	0455	348	45.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	901.	*	2	0500	349	43.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	919.	*	2	0505	350	41.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	937.	*	2	0510	351	39.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	956.	*	2	0515	352	37.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	977.	*	2	0520	353	35.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	998.	*	2	0525	354	33.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1021.	*	2	0530	355	32.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1046.	*	2	0535	356	30.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1072.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1100.	*	2	0545	358	27.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1134.	*	2	0550	359	26.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1169.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1214.	*	2	0600	361	23.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1269.	*	2	0605	362	22.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1334.	*	2	0610	363	21.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1412.	*	2	0615	364	20.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1582.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1789.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2189.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2814.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3667.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4927.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6840.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	10529.	*	2	0655	372	11.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	14456.	*	2	0700	373	10.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	18803.	*	2	0705	374	9.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	23644.	*	2	0710	375	8.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	28492.	*	2	0715	376	7.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	32571.	*	2	0720	377	6.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	36135.	*	2	0725	378	5.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	38802.	*	2	0730	379	4.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	41107.	*	2	0735	380	3.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	42677.	*	2	0740	381	2.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	43746.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	44464.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	45082.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	45557.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	45817.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	45864.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	45682.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	45294.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	44746.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	44063.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	43269.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	42365.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	41351.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	40266.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	39166.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37905.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	36546.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	35302.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	33928.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	32323.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	30775.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	29246.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	27767.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26368.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	25020.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23711.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22465.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21321.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	20244.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	19242.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	18285.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17384.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16531.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15724.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14960.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	14221.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13533.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12884.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	12270.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11706.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11170.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10646.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10140.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9659.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9208.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8786.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8385.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8000.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7610.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7257.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6930.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6623.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6331.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6058.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5800.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5556.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5322.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5094.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4868.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4644.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4418.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4212.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4037.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3946.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3847.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.

1	1825	222	3736.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3613.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3483.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3347.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 45864.	13.42	(CFS) 23239.	6497.	2171.	2086.
		(INCHES) 1.830	2.047	2.052	2.052
		(AC-FT) 11523.	12887.	12917.	12917.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	3202.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	3064.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2927.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2795.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	2.	*	1		1905	230	2668.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	3.	*	1		1910	231	2546.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	5.	*	1		1915	232	2431.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	7.	*	1		1920	233	2324.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	8.	*	1		1925	234	2220.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	10.	*	1		1930	235	2122.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	12.	*	1		1935	236	2029.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	13.	*	1		1940	237	1944.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	14.	*	1		1945	238	1864.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	15.	*	1		1950	239	1790.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	15.	*	1		1955	240	1720.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	16.	*	1		2000	241	1655.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	16.	*	1		2005	242	1595.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	16.	*	1		2010	243	1538.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	20.	*	1		2015	244	1485.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	26.	*	1		2020	245	1435.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	32.	*	1		2025	246	1390.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	39.	*	1		2030	247	1347.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	46.	*	1		2035	248	1308.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	53.	*	1		2040	249	1270.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	61.	*	1		2045	250	1233.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	68.	*	1		2050	251	1198.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	76.	*	1		2055	252	1166.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	83.	*	1		2100	253	1135.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	91.	*	1		2105	254	1106.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	98.	*	1		2110	255	1078.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	106.	*	1		2115	256	1052.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	113.	*	1		2120	257	1026.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	121.	*	1		2125	258	1003.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	128.	*	1		2130	259	980.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	136.	*	1		2135	260	958.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	144.	*	1		2140	261	936.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	151.	*	1		2145	262	915.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	159.	*	1		2150	263	893.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	167.	*	1		2155	264	874.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	174.	*	1		2200	265	856.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	181.	*	1		2205	266	838.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	188.	*	1		2210	267	822.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	195.	*	1		2215	268	807.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	202.	*	1		2220	269	793.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	208.	*	1		2225	270	778.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	214.	*	1		2230	271	763.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	221.	*	1		2235	272	748.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	227.	*	1		2240	273	735.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	233.	*	1		2245	274	722.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	239.	*	1		2250	275	709.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	245.	*	1		2255	276	697.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	252.	*	1		2300	277	685.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	259.	*	1		2305	278	673.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	266.	*	1		2310	279	661.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	272.	*	1		2315	280	650.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	279.	*	1		2320	281	639.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	286.	*	1		2325	282	629.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	292.	*	1		2330	283	619.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	298.	*	1		2335	284	609.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	305.	*	1		2340	285	600.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	311.	*	1		2345	286	591.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	318.	*	1		2350	287	582.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	324.	*	1		2355	288	573.	*	2		1840	513	0.	*	3		1325	738	0.
1		0515	64	330.	*	2		0000	289	564.	*	2		1845	514	0.	*	3		1330	739	0.
1		0520	65	335.	*	2		0005	290	555.	*	2		1850	515	0.	*	3		1335	740	0.
1		0525	66	341.	*	2		0010	291	547.	*	2		1855	516	0.	*	3		1340	741	0.
1		0530	67	347.	*	2		0015	292	538.	*	2		1900	517	0.	*	3		1345	742	0.
1		0535	68	353.	*	2		0020	293	528.	*	2		1905	518	0.	*	3		1350	743	0.
1		0540	69	358.	*	2		0025	294	519.	*	2		1910	519	0.	*	3		1355	744	0.
1		0545	70	363.	*	2		0030	295	509.	*	2		1915	520	0.	*	3		1400	745	0.
1		0550	71	368.	*	2		0035	296	499.	*	2		1920	521	0.	*	3		1405	746	0.
1		0555	72	373.	*	2		0040	297	489.	*	2		1925	522	0.	*	3		1410	747	0.
1		0600	73	378.	*	2		0045	298	478.	*	2		1930	523	0.	*	3		1415	748	0.
1		0605	74	383.	*	2		0050	299	468.	*	2		1935	524	0.	*	3		1420	749	0.
1		0610	75	389.	*	2		0055	300	456.	*	2		1940	525	0.	*	3		1425	750	0.
1		0615	76	394.	*	2		0100	301	445.	*	2		1945	526	0.	*	3		1430	751	0.
1		0620	77	399.	*	2		0105	302	433.	*	2		1950	527	0.	*	3		1435	752	0.
1		0625	78	405.	*	2		0110	303	420.	*	2		1955	528	0.	*	3		1440	753	0.
1		0630	79	410.	*	2		0115	304	407.	*	2		2000	529	0.	*	3		1445	754	0.

1	0635	80	415.	*	2	0120	305	394.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	420.	*	2	0125	306	380.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	426.	*	2	0130	307	366.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	432.	*	2	0135	308	353.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	438.	*	2	0140	309	338.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	444.	*	2	0145	310	324.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	449.	*	2	0150	311	310.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	456.	*	2	0155	312	296.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	463.	*	2	0200	313	282.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	470.	*	2	0205	314	269.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	477.	*	2	0210	315	255.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	484.	*	2	0215	316	243.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	492.	*	2	0220	317	230.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	500.	*	2	0225	318	218.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	509.	*	2	0230	319	207.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	518.	*	2	0235	320	196.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	526.	*	2	0240	321	186.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	535.	*	2	0245	322	176.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	544.	*	2	0250	323	167.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	554.	*	2	0255	324	159.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	564.	*	2	0300	325	151.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	575.	*	2	0305	326	143.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	586.	*	2	0310	327	136.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	598.	*	2	0315	328	129.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	610.	*	2	0320	329	123.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	622.	*	2	0325	330	117.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	634.	*	2	0330	331	111.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	646.	*	2	0335	332	106.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	659.	*	2	0340	333	101.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	673.	*	2	0345	334	96.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	687.	*	2	0350	335	91.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	700.	*	2	0355	336	87.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	714.	*	2	0400	337	82.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	728.	*	2	0405	338	78.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	743.	*	2	0410	339	74.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	757.	*	2	0415	340	70.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	772.	*	2	0420	341	66.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	787.	*	2	0425	342	63.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	802.	*	2	0430	343	59.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	817.	*	2	0435	344	56.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	833.	*	2	0440	345	53.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	848.	*	2	0445	346	50.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	865.	*	2	0450	347	48.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	882.	*	2	0455	348	45.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	899.	*	2	0500	349	43.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	916.	*	2	0505	350	41.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	935.	*	2	0510	351	39.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	954.	*	2	0515	352	37.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	975.	*	2	0520	353	35.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	996.	*	2	0525	354	33.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1019.	*	2	0530	355	31.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1043.	*	2	0535	356	30.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1070.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1098.	*	2	0545	358	27.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1131.	*	2	0550	359	26.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1167.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1211.	*	2	0600	361	23.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1265.	*	2	0605	362	22.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1330.	*	2	0610	363	21.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1408.	*	2	0615	364	19.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1577.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1783.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2182.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2806.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3657.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4912.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6818.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	10479.	*	2	0655	372	11.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	14406.	*	2	0700	373	10.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	18738.	*	2	0705	374	9.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	23569.	*	2	0710	375	8.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	28404.	*	2	0715	376	7.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	32474.	*	2	0720	377	6.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	36031.	*	2	0725	378	5.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	38682.	*	2	0730	379	4.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	40987.	*	2	0735	380	3.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	42542.	*	2	0740	381	2.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	43612.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	44324.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	44935.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	45404.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	45661.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	45707.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	45525.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	45139.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	44594.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	43912.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	43120.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	42217.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	41212.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	40143.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	39044.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37781.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	36435.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	35214.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	33830.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	32234.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	30694.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	29172.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	27702.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26306.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	24963.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23657.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22416.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21277.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	20202.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.

1	1525	186	19203.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	18247.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17349.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16498.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15694.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14930.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	14192.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13508.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12860.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	12247.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11685.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11149.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10625.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10120.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9640.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9189.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8768.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8368.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7983.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7594.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7242.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6916.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6609.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6319.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6046.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5788.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5546.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5311.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5084.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4858.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4634.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4407.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4203.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4029.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3942.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3843.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3730.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3607.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3477.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3341.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 45707.	13.42	(CFS)	23173.	6479.	2165.	2080.
		(INCHES)	1.825	2.041	2.046	2.046
		(AC-FT)	11491.	12851.	12881.	12881.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2998.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2863.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2732.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2606.	2		1345	454	0.	3		0830	679	0.
1		0020	5	2.	1		1905	230	2486.	2		1350	455	0.	3		0835	680	0.
1		0025	6	3.	1		1910	231	2373.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	2266.	2		1400	457	0.	3		0845	682	0.
1		0035	8	6.	1		1920	233	2167.	2		1405	458	0.	3		0850	683	0.
1		0040	9	8.	1		1925	234	2072.	2		1410	459	0.	3		0855	684	0.
1		0045	10	9.	1		1930	235	1981.	2		1415	460	0.	3		0900	685	0.
1		0050	11	11.	1		1935	236	1896.	2		1420	461	0.	3		0905	686	0.
1		0055	12	12.	1		1940	237	1817.	2		1425	462	0.	3		0910	687	0.
1		0100	13	13.	1		1945	238	1744.	2		1430	463	0.	3		0915	688	0.
1		0105	14	14.	1		1950	239	1675.	2		1435	464	0.	3		0920	689	0.
1		0110	15	15.	1		1955	240	1612.	2		1440	465	0.	3		0925	690	0.
1		0115	16	15.	1		2000	241	1552.	2		1445	466	0.	3		0930	691	0.
1		0120	17	15.	1		2005	242	1496.	2		1450	467	0.	3		0935	692	0.
1		0125	18	15.	1		2010	243	1444.	2		1455	468	0.	3		0940	693	0.
1		0130	19	17.	1		2015	244	1395.	2		1500	469	0.	3		0945	694	0.
1		0135	20	22.	1		2020	245	1348.	2		1505	470	0.	3		0950	695	0.
1		0140	21	28.	1		2025	246	1306.	2		1510	471	0.	3		0955	696	0.
1		0145	22	34.	1		2030	247	1266.	2		1515	472	0.	3		1000	697	0.
1		0150	23	41.	1		2035	248	1229.	2		1520	473	0.	3		1005	698	0.
1		0155	24	47.	1		2040	249	1193.	2		1525	474	0.	3		1010	699	0.
1		0200	25	54.	1		2045	250	1158.	2		1530	475	0.	3		1015	700	0.
1		0205	26	61.	1		2050	251	1125.	2		1535	476	0.	3		1020	701	0.
1		0210	27	68.	1		2055	252	1094.	2		1540	477	0.	3		1025	702	0.
1		0215	28	75.	1		2100	253	1065.	2		1545	478	0.	3		1030	703	0.
1		0220	29	82.	1		2105	254	1037.	2		1550	479	0.	3		1035	704	0.
1		0225	30	89.	1		2110	255	1011.	2		1555	480	0.	3		1040	705	0.
1		0230	31	96.	1		2115	256	986.	2		1600	481	0.	3		1045	706	0.
1		0235	32	103.	1		2120	257	962.	2		1605	482	0.	3		1050	707	0.
1		0240	33	110.	1		2125	258	940.	2		1610	483	0.	3		1055	708	0.
1		0245	34	117.	1		2130	259	918.	2		1615	484	0.	3		1100	709	0.
1		0250	35	124.	1		2135	260	898.	2		1620	485	0.	3		1105	710	0.
1		0255	36	131.	1		2140	261	878.	2		1625	486	0.	3		1110	711	0.
1		0300	37	138.	1		2145	262	858.	2		1630	487	0.	3		1115	712	0.
1		0305	38	145.	1		2150	263	838.	2		1635	488	0.	3		1120	713	0.
1		0310	39	152.	1		2155	264	820.	2		1640	489	0.	3		1125	714	0.
1		0315	40	158.	1		2200	265	803.	2		1645	490	0.	3		1130	715	0.
1		0320	41	164.	1		2205	266	787.	2		1650	491	0.	3		1135	716	0.
1		0325	42	171.	1		2210	267	772.	2		1655	492	0.	3		1140	717	0.
1		0330	43	177.	1		2215	268	758.	2		1700	493	0.	3		1145	718	0.

1	0335	44	184.	*	1	2220	269	745.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	190.	*	1	2225	270	731.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	196.	*	1	2230	271	717.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	201.	*	1	2235	272	703.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	207.	*	1	2240	273	690.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	212.	*	1	2245	274	677.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	218.	*	1	2250	275	665.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	224.	*	1	2255	276	654.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	229.	*	1	2300	277	643.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	236.	*	1	2305	278	632.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	242.	*	1	2310	279	621.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	248.	*	1	2315	280	610.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	254.	*	1	2320	281	600.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	260.	*	1	2325	282	590.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	266.	*	1	2330	283	580.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	271.	*	1	2335	284	571.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	277.	*	1	2340	285	562.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	283.	*	1	2345	286	553.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	290.	*	1	2350	287	545.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	295.	*	1	2355	288	536.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	301.	*	2	0000	289	528.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	306.	*	2	0005	290	519.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	312.	*	2	0010	291	511.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	317.	*	2	0015	292	503.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	323.	*	2	0020	293	494.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	328.	*	2	0025	294	485.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	333.	*	2	0030	295	476.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	338.	*	2	0035	296	466.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	343.	*	2	0040	297	456.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	347.	*	2	0045	298	446.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	352.	*	2	0050	299	436.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	357.	*	2	0055	300	426.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	362.	*	2	0100	301	415.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	368.	*	2	0105	302	403.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	372.	*	2	0110	303	392.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	377.	*	2	0115	304	380.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	382.	*	2	0120	305	367.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	387.	*	2	0125	306	355.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	393.	*	2	0130	307	341.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	398.	*	2	0135	308	328.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	404.	*	2	0140	309	315.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	409.	*	2	0145	310	302.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	414.	*	2	0150	311	288.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	420.	*	2	0155	312	275.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	426.	*	2	0200	313	262.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	433.	*	2	0205	314	249.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	439.	*	2	0210	315	237.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	446.	*	2	0215	316	225.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	453.	*	2	0220	317	213.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	461.	*	2	0225	318	202.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	468.	*	2	0230	319	191.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	477.	*	2	0235	320	181.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	485.	*	2	0240	321	172.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	493.	*	2	0245	322	163.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	501.	*	2	0250	323	155.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	510.	*	2	0255	324	147.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	520.	*	2	0300	325	139.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	530.	*	2	0305	326	132.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	540.	*	2	0310	327	126.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	550.	*	2	0315	328	119.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	561.	*	2	0320	329	113.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	572.	*	2	0325	330	107.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	582.	*	2	0330	331	102.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	594.	*	2	0335	332	97.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	606.	*	2	0340	333	92.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	618.	*	2	0345	334	87.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	631.	*	2	0350	335	83.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	644.	*	2	0355	336	78.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	658.	*	2	0400	337	74.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	671.	*	2	0405	338	70.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	685.	*	2	0410	339	66.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	699.	*	2	0415	340	63.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	714.	*	2	0420	341	59.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	728.	*	2	0425	342	56.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	742.	*	2	0430	343	53.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	757.	*	2	0435	344	50.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	772.	*	2	0440	345	47.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	788.	*	2	0445	346	45.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	804.	*	2	0450	347	43.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	820.	*	2	0455	348	40.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	836.	*	2	0500	349	38.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	853.	*	2	0505	350	36.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	871.	*	2	0510	351	35.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	889.	*	2	0515	352	33.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	909.	*	2	0520	353	31.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	929.	*	2	0525	354	30.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	951.	*	2	0530	355	28.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	974.	*	2	0535	356	27.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	998.	*	2	0540	357	25.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1024.	*	2	0545	358	24.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1055.	*	2	0550	359	23.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1087.	*	2	0555	360	22.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1125.	*	2	0600	361	21.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1171.	*	2	0605	362	19.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1225.	*	2	0610	363	18.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1290.	*	2	0615	364	17.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1438.	*	2	0620	365	16.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1624.	*	2	0625	366	15.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1990.	*	2	0630	367	14.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2567.	*	2	0635	368	13.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3356.	*	2	0640	369	12.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4478.	*	2	0645	370	11.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6196.	*	2	0650	371	10.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	9093.	*	2	0655	372	9.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12973.	*	2	0700	373	8.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16922.	*	2	0705	374	7.	*	3	0150	599	0.	*	3	2035	824	0.

1	1225	150	21384.	*	2	0710	375	6.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	25836.	*	2	0715	376	5.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	29669.	*	2	0720	377	4.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	33014.	*	2	0725	378	3.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	35622.	*	2	0730	379	2.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	37394.	*	2	0735	380	1.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	38768.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	39655.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	40178.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	40612.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	40951.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	41160.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	41187.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	41016.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	40675.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	40222.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	39654.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38968.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	38172.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	37280.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	36369.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	35527.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	34565.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	33407.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	32157.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	30901.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	29603.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	28295.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	27029.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	25756.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	24496.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	23265.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	22083.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20999.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19952.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18979.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	18039.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	17162.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16322.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15534.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14778.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14051.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13380.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12740.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12132.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11580.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11043.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10518.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10012.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9531.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9079.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8655.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8251.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7856.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7474.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7126.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6806.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6504.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6219.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5949.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5695.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5456.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5227.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5002.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4776.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4545.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4323.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4129.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3989.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3901.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3795.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3674.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3545.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3411.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3274.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3136.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	74.92-HR
+ 41187.	13.42	(CFS)	21251.	5952.	1989.	1911.
		(INCHES)	1.674	1.875	1.880	1.880
		(AC-FT)	10538.	11806.	11834.	11834.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2888.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2755.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2628.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2506.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	2.	*	1		1905	230	2391.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	3.	*	1		1910	231	2282.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	4.	*	1		1915	232	2180.	*	2		1400	457	0.	*	3		0845	682	0.

1	0035	8	6.	*	1	1920	233	2085.	*	2	1405	458	0.	*	3	0850	683	0.
1	0040	9	8.	*	1	1925	234	1995.	*	2	1410	459	0.	*	3	0855	684	0.
1	0045	10	9.	*	1	1930	235	1908.	*	2	1415	460	0.	*	3	0900	685	0.
1	0050	11	11.	*	1	1935	236	1827.	*	2	1420	461	0.	*	3	0905	686	0.
1	0055	12	12.	*	1	1940	237	1751.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	13.	*	1	1945	238	1681.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	13.	*	1	1950	239	1616.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	14.	*	1	1955	240	1555.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	14.	*	1	2000	241	1498.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	15.	*	1	2005	242	1444.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	15.	*	1	2010	243	1394.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	15.	*	1	2015	244	1347.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	20.	*	1	2020	245	1303.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	25.	*	1	2025	246	1262.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	31.	*	1	2030	247	1223.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	38.	*	1	2035	248	1187.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	44.	*	1	2040	249	1152.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	51.	*	1	2045	250	1119.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	58.	*	1	2050	251	1087.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	64.	*	1	2055	252	1057.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	71.	*	1	2100	253	1028.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	78.	*	1	2105	254	1001.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	84.	*	1	2110	255	976.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	91.	*	1	2115	256	951.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	98.	*	1	2120	257	928.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	104.	*	1	2125	258	907.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	111.	*	1	2130	259	886.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	118.	*	1	2135	260	867.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	124.	*	1	2140	261	847.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	131.	*	1	2145	262	828.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	138.	*	1	2150	263	810.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	144.	*	1	2155	264	792.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	150.	*	1	2200	265	776.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	156.	*	1	2205	266	761.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	162.	*	1	2210	267	746.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	168.	*	1	2215	268	732.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	174.	*	1	2220	269	720.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	180.	*	1	2225	270	706.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	186.	*	1	2230	271	692.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	191.	*	1	2235	272	679.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	197.	*	1	2240	273	666.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	202.	*	1	2245	274	654.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	207.	*	1	2250	275	643.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	213.	*	1	2255	276	632.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	218.	*	1	2300	277	621.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	224.	*	1	2305	278	610.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	230.	*	1	2310	279	600.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	235.	*	1	2315	280	589.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	241.	*	1	2320	281	579.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	247.	*	1	2325	282	569.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	252.	*	1	2330	283	560.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	257.	*	1	2335	284	551.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	263.	*	1	2340	285	542.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	269.	*	1	2345	286	534.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	275.	*	1	2350	287	525.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	281.	*	1	2355	288	517.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	286.	*	2	0000	289	509.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	291.	*	2	0005	290	501.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	297.	*	2	0010	291	492.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	302.	*	2	0015	292	484.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	307.	*	2	0020	293	475.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	312.	*	2	0025	294	467.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	317.	*	2	0030	295	458.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	322.	*	2	0035	296	448.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	327.	*	2	0040	297	439.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	332.	*	2	0045	298	430.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	336.	*	2	0050	299	420.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	341.	*	2	0055	300	410.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	346.	*	2	0100	301	399.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	351.	*	2	0105	302	389.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	356.	*	2	0110	303	377.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	360.	*	2	0115	304	366.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	365.	*	2	0120	305	354.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	370.	*	2	0125	306	341.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	375.	*	2	0130	307	328.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	381.	*	2	0135	308	316.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	386.	*	2	0140	309	303.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	391.	*	2	0145	310	290.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	396.	*	2	0150	311	277.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	402.	*	2	0155	312	264.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	408.	*	2	0200	313	252.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	414.	*	2	0205	314	239.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	420.	*	2	0210	315	227.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	427.	*	2	0215	316	215.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	433.	*	2	0220	317	204.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	441.	*	2	0225	318	194.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	448.	*	2	0230	319	184.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	455.	*	2	0235	320	174.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	463.	*	2	0240	321	165.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	471.	*	2	0245	322	156.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	479.	*	2	0250	323	148.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	488.	*	2	0255	324	141.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	497.	*	2	0300	325	133.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	506.	*	2	0305	326	126.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	516.	*	2	0310	327	120.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	526.	*	2	0315	328	114.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	536.	*	2	0320	329	108.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	547.	*	2	0325	330	102.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	557.	*	2	0330	331	97.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	568.	*	2	0335	332	92.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	579.	*	2	0340	333	87.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	591.	*	2	0345	334	83.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	603.	*	2	0350	335	78.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	615.	*	2	0355	336	74.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	628.	*	2	0400	337	70.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	641.	*	2	0405	338	66.	*	2	2250	563	0.	*	3	1735	788	0.

1	0925	114	655.	*	2	0410	339	62.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	669.	*	2	0415	340	59.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	683.	*	2	0420	341	56.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	697.	*	2	0425	342	53.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	711.	*	2	0430	343	50.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	726.	*	2	0435	344	47.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	741.	*	2	0440	345	45.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	756.	*	2	0445	346	42.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	771.	*	2	0450	347	40.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	787.	*	2	0455	348	38.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	803.	*	2	0500	349	36.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	820.	*	2	0505	350	34.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	837.	*	2	0510	351	33.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	855.	*	2	0515	352	31.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	874.	*	2	0520	353	30.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	894.	*	2	0525	354	28.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	915.	*	2	0530	355	27.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	938.	*	2	0535	356	25.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	961.	*	2	0540	357	24.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	987.	*	2	0545	358	23.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1015.	*	2	0550	359	22.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1046.	*	2	0555	360	20.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1081.	*	2	0600	361	19.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1123.	*	2	0605	362	18.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1172.	*	2	0610	363	17.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1230.	*	2	0615	364	16.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1367.	*	2	0620	365	15.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1542.	*	2	0625	366	14.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1892.	*	2	0630	367	13.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2444.	*	2	0635	368	12.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3201.	*	2	0640	369	11.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4257.	*	2	0645	370	10.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5879.	*	2	0650	371	9.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	8397.	*	2	0655	372	8.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12250.	*	2	0700	373	7.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16008.	*	2	0705	374	6.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	20263.	*	2	0710	375	5.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	24505.	*	2	0715	376	4.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	28220.	*	2	0720	377	3.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	31451.	*	2	0725	378	2.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33979.	*	2	0730	379	1.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	35777.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	36832.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	37571.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	38135.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	38524.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	38782.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	38894.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	38884.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	38730.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	38424.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	37978.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	37412.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	36760.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36088.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	35428.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	34647.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	33708.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	32670.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	31636.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	30566.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	29430.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	28259.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	27106.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25921.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24730.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23529.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22372.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21290.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20249.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19269.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18325.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17433.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16587.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15785.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15026.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14289.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13600.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	12950.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12334.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11763.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11223.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10692.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10177.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9685.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9220.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8785.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8371.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7972.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7574.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7215.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6885.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6579.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6289.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6015.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5755.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5512.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5280.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5055.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4830.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4602.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4371.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4167.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4005.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3923.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3821.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.

1	1815	220	3703.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3573.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3438.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3300.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3161.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3023.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 38894.	13.33		20264.	5682.	1898.	1824.
		(INCHES)	1.596	1.790	1.794	1.794
		(AC-FT)	10048.	11270.	11296.	11296.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2689.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2563.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2444.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2331.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	2.	*	1		1905	230	2224.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	3.	*	1		1910	231	2124.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	4.	*	1		1915	232	2031.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	6.	*	1		1920	233	1944.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	7.	*	1		1925	234	1860.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	8.	*	1		1930	235	1781.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	10.	*	1		1935	236	1706.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	11.	*	1		1940	237	1637.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	12.	*	1		1945	238	1572.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	13.	*	1		1950	239	1512.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	13.	*	1		1955	240	1456.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	14.	*	1		2000	241	1403.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	14.	*	1		2005	242	1354.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	14.	*	1		2010	243	1307.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	14.	*	1		2015	244	1264.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	16.	*	1		2020	245	1222.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	21.	*	1		2025	246	1183.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	27.	*	1		2030	247	1147.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	33.	*	1		2035	248	1113.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	39.	*	1		2040	249	1080.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	45.	*	1		2045	250	1049.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	51.	*	1		2050	251	1018.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	57.	*	1		2055	252	989.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	64.	*	1		2100	253	963.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	70.	*	1		2105	254	937.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	76.	*	1		2110	255	913.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	82.	*	1		2115	256	890.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	88.	*	1		2120	257	869.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	94.	*	1		2125	258	849.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	101.	*	1		2130	259	830.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	107.	*	1		2135	260	812.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	113.	*	1		2140	261	794.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	119.	*	1		2145	262	777.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	125.	*	1		2150	263	759.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	131.	*	1		2155	264	743.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	137.	*	1		2200	265	728.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	142.	*	1		2205	266	713.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	147.	*	1		2210	267	699.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	153.	*	1		2215	268	687.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	158.	*	1		2220	269	675.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	163.	*	1		2225	270	662.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	169.	*	1		2230	271	649.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	174.	*	1		2235	272	637.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	179.	*	1		2240	273	625.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	184.	*	1		2245	274	613.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	189.	*	1		2250	275	603.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	194.	*	1		2255	276	592.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	199.	*	1		2300	277	581.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	204.	*	1		2305	278	571.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	209.	*	1		2310	279	561.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	214.	*	1		2315	280	551.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	219.	*	1		2320	281	541.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	224.	*	1		2325	282	532.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	229.	*	1		2330	283	523.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	233.	*	1		2335	284	515.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	238.	*	1		2340	285	506.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	244.	*	1		2345	286	498.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	249.	*	1		2350	287	490.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	254.	*	1		2355	288	482.	*	2		1840	513	0.	*	3		1325	738	0.
1		0515	64	259.	*	2		0000	289	474.	*	2		1845	514	0.	*	3		1330	739	0.
1		0520	65	264.	*	2		0005	290	467.	*	2		1850	515	0.	*	3		1335	740	0.
1		0525	66	269.	*	2		0010	291	459.	*	2		1855	516	0.	*	3		1340	741	0.
1		0530	67	274.	*	2		0015	292	451.	*	2		1900	517	0.	*	3		1345	742	0.
1		0535	68	279.	*	2		0020	293	443.	*	2		1905	518	0.	*	3		1350	743	0.
1		0540	69	284.	*	2		0025	294	435.	*	2		1910	519	0.	*	3		1355	744	0.
1		0545	70	289.	*	2		0030	295	427.	*	2		1915	520	0.	*	3		1400	745	0.
1		0550	71	293.	*	2		0035	296	418.	*	2		1920	521	0.	*	3		1405	746	0.
1		0555	72	298.	*	2		0040	297	409.	*	2		1925	522	0.	*	3		1410	747	0.
1		0600	73	303.	*	2		0045	298	401.	*	2		1930	523	0.	*	3		1415	748	0.
1		0605	74	307.	*	2		0050	299	392.	*	2		1935	524	0.	*	3		1420	749	0.
1		0610	75	312.	*	2		0055	300	382.	*	2		1940	525	0.	*	3		1425	750	0.
1		0615	76	316.	*	2		0100	301	372.	*	2		1945	526	0.	*	3		1430	751	0.
1		0620	77	321.	*	2		0105	302	362.	*	2		1950	527	0.	*	3		1435	752	0.

1	0625	78	326.	*	2	0110	303	351.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	330.	*	2	0115	304	340.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	335.	*	2	0120	305	329.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	339.	*	2	0125	306	317.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	344.	*	2	0130	307	305.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	349.	*	2	0135	308	293.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	354.	*	2	0140	309	281.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	359.	*	2	0145	310	268.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	364.	*	2	0150	311	256.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	369.	*	2	0155	312	244.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	374.	*	2	0200	313	232.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	380.	*	2	0205	314	221.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	386.	*	2	0210	315	209.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	392.	*	2	0215	316	199.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	398.	*	2	0220	317	189.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	404.	*	2	0225	318	179.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	411.	*	2	0230	319	169.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	418.	*	2	0235	320	161.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	425.	*	2	0240	321	152.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	432.	*	2	0245	322	144.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	439.	*	2	0250	323	136.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	447.	*	2	0255	324	129.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	456.	*	2	0300	325	122.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	465.	*	2	0305	326	116.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	474.	*	2	0310	327	110.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	483.	*	2	0315	328	104.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	493.	*	2	0320	329	98.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	502.	*	2	0325	330	93.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	512.	*	2	0330	331	88.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	522.	*	2	0335	332	83.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	532.	*	2	0340	333	79.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	543.	*	2	0345	334	74.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	554.	*	2	0350	335	70.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	565.	*	2	0355	336	66.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	577.	*	2	0400	337	62.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	588.	*	2	0405	338	59.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	601.	*	2	0410	339	56.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	614.	*	2	0415	340	52.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	627.	*	2	0420	341	50.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	640.	*	2	0425	342	47.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	654.	*	2	0430	343	44.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	668.	*	2	0435	344	42.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	683.	*	2	0440	345	40.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	697.	*	2	0445	346	38.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	712.	*	2	0450	347	36.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	727.	*	2	0455	348	34.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	743.	*	2	0500	349	32.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	759.	*	2	0505	350	31.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	776.	*	2	0510	351	29.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	793.	*	2	0515	352	28.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	811.	*	2	0520	353	26.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	830.	*	2	0525	354	25.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	850.	*	2	0530	355	24.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	872.	*	2	0535	356	23.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	894.	*	2	0540	357	21.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	918.	*	2	0545	358	20.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	945.	*	2	0550	359	19.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	972.	*	2	0555	360	18.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1002.	*	2	0600	361	17.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1037.	*	2	0605	362	16.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1077.	*	2	0610	363	15.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1123.	*	2	0615	364	14.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1241.	*	2	0620	365	13.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1396.	*	2	0625	366	12.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1715.	*	2	0630	367	11.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2224.	*	2	0635	368	10.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2924.	*	2	0640	369	9.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3862.	*	2	0645	370	8.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5307.	*	2	0650	371	7.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7129.	*	2	0655	372	6.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	10937.	*	2	0700	373	5.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	14430.	*	2	0705	374	4.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	18271.	*	2	0710	375	3.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	22183.	*	2	0715	376	2.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	25628.	*	2	0720	377	1.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	28625.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	30999.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	32691.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	33744.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	34327.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	34607.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	34782.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	34878.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	34886.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	34836.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	34694.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34450.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	34072.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	33594.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33035.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	32418.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31770.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	31064.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	30306.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	29514.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	28695.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27847.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	26949.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25983.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24980.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23931.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22870.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21827.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20841.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19869.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18943.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.

1	1515	184	18036.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	17179.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	16355.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15579.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14834.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	14115.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13446.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12807.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	12200.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11643.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11104.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10575.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10062.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9572.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9109.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8673.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8257.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7848.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7454.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7099.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6773.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6469.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6184.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5914.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5660.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5417.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5187.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4963.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4739.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4509.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4288.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4094.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3969.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3878.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3769.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3645.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3512.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3371.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3230.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3090.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2953.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2819.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	74.92-HR
+ 34886.	13.33	(CFS)	18526.	5204.	1739.	1671.
		(INCHES)	1.459	1.640	1.643	1.643
		(AC-FT)	9187.	10323.	10346.	10346.

CUMULATIVE AREA = 118.05 SQ MI

HYDROGRAPH AT C400R
TRANSPOSITION AREA 130.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2612.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2489.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2373.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2263.	2		1345	454	0.	3		0830	679	0.
1		0020	5	2.	1		1905	230	2160.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2064.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	1974.	2		1400	457	0.	3		0845	682	0.
1		0035	8	6.	1		1920	233	1890.	2		1405	458	0.	3		0850	683	0.
1		0040	9	7.	1		1925	234	1809.	2		1410	459	0.	3		0855	684	0.
1		0045	10	8.	1		1930	235	1732.	2		1415	460	0.	3		0900	685	0.
1		0050	11	10.	1		1935	236	1660.	2		1420	461	0.	3		0905	686	0.
1		0055	12	11.	1		1940	237	1593.	2		1425	462	0.	3		0910	687	0.
1		0100	13	12.	1		1945	238	1530.	2		1430	463	0.	3		0915	688	0.
1		0105	14	12.	1		1950	239	1472.	2		1435	464	0.	3		0920	689	0.
1		0110	15	13.	1		1955	240	1418.	2		1440	465	0.	3		0925	690	0.
1		0115	16	13.	1		2000	241	1367.	2		1445	466	0.	3		0930	691	0.
1		0120	17	13.	1		2005	242	1319.	2		1450	467	0.	3		0935	692	0.
1		0125	18	14.	1		2010	243	1273.	2		1455	468	0.	3		0940	693	0.
1		0130	19	14.	1		2015	244	1231.	2		1500	469	0.	3		0945	694	0.
1		0135	20	15.	1		2020	245	1190.	2		1505	470	0.	3		0950	695	0.
1		0140	21	20.	1		2025	246	1153.	2		1510	471	0.	3		0955	696	0.
1		0145	22	25.	1		2030	247	1117.	2		1515	472	0.	3		1000	697	0.
1		0150	23	31.	1		2035	248	1084.	2		1520	473	0.	3		1005	698	0.
1		0155	24	37.	1		2040	249	1052.	2		1525	474	0.	3		1010	699	0.
1		0200	25	43.	1		2045	250	1021.	2		1530	475	0.	3		1015	700	0.
1		0205	26	49.	1		2050	251	991.	2		1535	476	0.	3		1020	701	0.
1		0210	27	55.	1		2055	252	963.	2		1540	477	0.	3		1025	702	0.
1		0215	28	61.	1		2100	253	937.	2		1545	478	0.	3		1030	703	0.
1		0220	29	67.	1		2105	254	912.	2		1550	479	0.	3		1035	704	0.
1		0225	30	73.	1		2110	255	889.	2		1555	480	0.	3		1040	705	0.
1		0230	31	79.	1		2115	256	867.	2		1600	481	0.	3		1045	706	0.
1		0235	32	84.	1		2120	257	846.	2		1605	482	0.	3		1050	707	0.
1		0240	33	90.	1		2125	258	827.	2		1610	483	0.	3		1055	708	0.
1		0245	34	96.	1		2130	259	808.	2		1615	484	0.	3		1100	709	0.
1		0250	35	102.	1		2135	260	791.	2		1620	485	0.	3		1105	710	0.
1		0255	36	108.	1		2140	261	773.	2		1625	486	0.	3		1110	711	0.
1		0300	37	114.	1		2145	262	756.	2		1630	487	0.	3		1115	712	0.
1		0305	38	120.	1		2150	263	739.	2		1635	488	0.	3		1120	713	0.
1		0310	39	126.	1		2155	264	723.	2		1640	489	0.	3		1125	714	0.
1		0315	40	131.	1		2200	265	708.	2		1645	490	0.	3		1130	715	0.
1		0320	41	136.	1		2205	266	694.	2		1650	491	0.	3		1135	716	0.

1	0325	42	141.	*	1	2210	267	681.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	147.	*	1	2215	268	668.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	152.	*	1	2220	269	657.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	157.	*	1	2225	270	644.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	162.	*	1	2230	271	632.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	167.	*	1	2235	272	620.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	171.	*	1	2240	273	608.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	176.	*	1	2245	274	597.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	181.	*	1	2250	275	586.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	186.	*	1	2255	276	576.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	191.	*	1	2300	277	565.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	196.	*	1	2305	278	555.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	201.	*	1	2310	279	545.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	206.	*	1	2315	280	536.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	211.	*	1	2320	281	526.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	215.	*	1	2325	282	517.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	220.	*	1	2330	283	508.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	224.	*	1	2335	284	500.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	229.	*	1	2340	285	492.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	234.	*	1	2345	286	484.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	239.	*	1	2350	287	476.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	244.	*	1	2355	288	468.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	249.	*	2	0000	289	461.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	253.	*	2	0005	290	453.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	258.	*	2	0010	291	446.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	263.	*	2	0015	292	438.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	268.	*	2	0020	293	430.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	273.	*	2	0025	294	422.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	277.	*	2	0030	295	414.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	282.	*	2	0035	296	406.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	286.	*	2	0040	297	397.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	291.	*	2	0045	298	389.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	295.	*	2	0050	299	380.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	300.	*	2	0055	300	371.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	304.	*	2	0100	301	361.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	309.	*	2	0105	302	351.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	313.	*	2	0110	303	341.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	318.	*	2	0115	304	330.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	322.	*	2	0120	305	318.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	327.	*	2	0125	306	307.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	331.	*	2	0130	307	295.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	336.	*	2	0135	308	283.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	341.	*	2	0140	309	271.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	346.	*	2	0145	310	260.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	350.	*	2	0150	311	248.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	355.	*	2	0155	312	236.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	361.	*	2	0200	313	224.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	366.	*	2	0205	314	213.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	372.	*	2	0210	315	202.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	378.	*	2	0215	316	192.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	384.	*	2	0220	317	182.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	390.	*	2	0225	318	173.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	396.	*	2	0230	319	164.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	403.	*	2	0235	320	155.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	410.	*	2	0240	321	147.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	416.	*	2	0245	322	139.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	423.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	431.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	439.	*	2	0300	325	118.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	448.	*	2	0305	326	112.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	457.	*	2	0310	327	106.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	466.	*	2	0315	328	100.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	475.	*	2	0320	329	94.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	484.	*	2	0325	330	89.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	494.	*	2	0330	331	84.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	503.	*	2	0335	332	80.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	513.	*	2	0340	333	75.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	524.	*	2	0345	334	71.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	535.	*	2	0350	335	67.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	545.	*	2	0355	336	63.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	556.	*	2	0400	337	59.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	568.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	579.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	592.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	604.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	617.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	631.	*	2	0430	343	42.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	644.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	658.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	673.	*	2	0445	346	36.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	688.	*	2	0450	347	34.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	703.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	718.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	734.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	750.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	767.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	785.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	804.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	823.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	844.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	867.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	890.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	916.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	942.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	971.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1003.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1040.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1082.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1192.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1339.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1645.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2136.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2812.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3719.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5096.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6735.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.

1	1215	148	10321.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13787.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	17456.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	21242.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24554.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	27494.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	29760.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31415.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	32416.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	32940.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	33173.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33304.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33361.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33338.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33254.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33087.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	32826.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32471.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	32031.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	31520.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	30949.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	30338.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	29679.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	28984.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28272.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27563.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26794.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25948.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25050.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24095.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23108.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22116.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21163.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20217.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19305.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18408.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17545.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16718.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15925.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15178.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14449.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13760.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13111.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12492.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11909.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11371.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10837.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10316.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9813.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9336.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8885.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8457.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8048.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7634.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7259.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6918.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6602.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6308.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6031.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5769.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5522.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5285.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5059.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4835.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4609.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4379.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4172.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4004.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3920.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3818.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3701.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3570.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3432.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3289.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3147.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3007.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2872.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2740.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 33361.	13.25		17830.	5013.	1675.	1610.
		(INCHES)	1.404	1.579	1.583	1.583
		(AC-FT)	8842.	9943.	9965.	9965.

CUMULATIVE AREA = 118.05 SQ MI

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HYDROGRAPH AT C400R
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2612.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2489.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	2373.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2263.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	2.	*	1		1905	230	2160.	*	2		1350	455	0.	*	3		0835	680	0.

1	0025	6	2.	*	1	1910	231	2064.	*	2	1355	456	0.	*	3	0840	681	0.
1	0030	7	4.	*	1	1915	232	1974.	*	2	1400	457	0.	*	3	0845	682	0.
1	0035	8	6.	*	1	1920	233	1890.	*	2	1405	458	0.	*	3	0850	683	0.
1	0040	9	7.	*	1	1925	234	1809.	*	2	1410	459	0.	*	3	0855	684	0.
1	0045	10	8.	*	1	1930	235	1732.	*	2	1415	460	0.	*	3	0900	685	0.
1	0050	11	10.	*	1	1935	236	1660.	*	2	1420	461	0.	*	3	0905	686	0.
1	0055	12	11.	*	1	1940	237	1593.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	12.	*	1	1945	238	1530.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	12.	*	1	1950	239	1472.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	13.	*	1	1955	240	1418.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	13.	*	1	2000	241	1367.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	13.	*	1	2005	242	1319.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	14.	*	1	2010	243	1273.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	14.	*	1	2015	244	1231.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	15.	*	1	2020	245	1190.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	20.	*	1	2025	246	1153.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	25.	*	1	2030	247	1117.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	31.	*	1	2035	248	1084.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	37.	*	1	2040	249	1052.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	43.	*	1	2045	250	1021.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	49.	*	1	2050	251	991.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	55.	*	1	2055	252	963.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	61.	*	1	2100	253	937.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	67.	*	1	2105	254	912.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	73.	*	1	2110	255	889.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	79.	*	1	2115	256	867.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	84.	*	1	2120	257	846.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	90.	*	1	2125	258	827.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	96.	*	1	2130	259	808.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	102.	*	1	2135	260	791.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	108.	*	1	2140	261	773.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	114.	*	1	2145	262	756.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	120.	*	1	2150	263	739.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	126.	*	1	2155	264	723.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	131.	*	1	2200	265	708.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	136.	*	1	2205	266	694.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	141.	*	1	2210	267	681.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	147.	*	1	2215	268	668.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	152.	*	1	2220	269	657.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	157.	*	1	2225	270	644.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	162.	*	1	2230	271	632.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	167.	*	1	2235	272	620.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	171.	*	1	2240	273	608.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	176.	*	1	2245	274	597.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	181.	*	1	2250	275	586.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	186.	*	1	2255	276	576.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	191.	*	1	2300	277	565.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	196.	*	1	2305	278	555.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	201.	*	1	2310	279	545.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	206.	*	1	2315	280	536.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	211.	*	1	2320	281	526.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	215.	*	1	2325	282	517.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	220.	*	1	2330	283	508.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	224.	*	1	2335	284	500.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	229.	*	1	2340	285	492.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	234.	*	1	2345	286	484.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	239.	*	1	2350	287	476.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	244.	*	1	2355	288	468.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	249.	*	2	0000	289	461.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	253.	*	2	0005	290	453.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	258.	*	2	0010	291	446.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	263.	*	2	0015	292	438.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	268.	*	2	0020	293	430.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	273.	*	2	0025	294	422.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	277.	*	2	0030	295	414.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	282.	*	2	0035	296	406.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	286.	*	2	0040	297	397.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	291.	*	2	0045	298	389.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	295.	*	2	0050	299	380.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	300.	*	2	0055	300	371.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	304.	*	2	0100	301	361.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	309.	*	2	0105	302	351.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	313.	*	2	0110	303	341.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	318.	*	2	0115	304	330.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	322.	*	2	0120	305	318.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	327.	*	2	0125	306	307.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	331.	*	2	0130	307	295.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	336.	*	2	0135	308	283.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	341.	*	2	0140	309	271.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	346.	*	2	0145	310	260.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	350.	*	2	0150	311	248.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	355.	*	2	0155	312	236.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	361.	*	2	0200	313	224.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	366.	*	2	0205	314	213.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	372.	*	2	0210	315	202.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	378.	*	2	0215	316	192.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	384.	*	2	0220	317	182.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	390.	*	2	0225	318	173.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	396.	*	2	0230	319	164.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	403.	*	2	0235	320	155.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	410.	*	2	0240	321	147.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	416.	*	2	0245	322	139.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	423.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	431.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	439.	*	2	0300	325	118.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	448.	*	2	0305	326	112.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	457.	*	2	0310	327	106.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	466.	*	2	0315	328	100.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	475.	*	2	0320	329	94.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	484.	*	2	0325	330	89.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	494.	*	2	0330	331	84.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	503.	*	2	0335	332	80.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	513.	*	2	0340	333	75.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	524.	*	2	0345	334	71.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	535.	*	2	0350	335	67.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	545.	*	2	0355	336	63.	*	2	2240	561	0.	*	3	1725	786	0.

1	0915	112	556.	*	2	0400	337	59.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	568.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	579.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	592.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	604.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	617.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	631.	*	2	0430	343	42.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	644.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	658.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	673.	*	2	0445	346	36.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	688.	*	2	0450	347	34.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	703.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	718.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	734.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	750.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	767.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	785.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	804.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	823.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	844.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	867.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	890.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	916.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	942.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	971.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1003.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1040.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1082.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1192.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1339.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1645.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2136.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2812.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3719.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5096.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6735.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	10321.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13787.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	17456.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	21242.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24554.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	27494.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	29760.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31415.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	32416.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	32940.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	33173.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33304.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33361.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33338.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33254.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33087.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	32826.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32471.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	32031.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	31520.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	30949.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	30338.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	29679.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	28984.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28272.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27563.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26794.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	25948.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25050.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24095.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23108.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22116.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21163.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20217.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19305.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18408.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17545.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16718.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	15925.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15178.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14449.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13760.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13111.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12492.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11909.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11371.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10837.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10316.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9813.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9336.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8885.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8457.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8048.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7634.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7259.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6918.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6602.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6308.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6031.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5769.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5522.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5285.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5059.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4835.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4609.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4379.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4172.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4004.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3920.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3818.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.

1	1805	218	3701.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3570.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3432.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3289.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3147.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3007.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2872.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2740.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 33361.	13.25	17830.	5013.	1675.	1610.
		(INCHES) 1.404	1.579	1.583	1.583
		(AC-FT) 8842.	9943.	9965.	9965.

CUMULATIVE AREA = 118.05 SQ MI

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INTERPOLATED HYDROGRAPH AT C400R

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2624.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2501.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2384.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2274.	2		1345	454	0.	3		0830	679	0.
1		0020	5	2.	1		1905	230	2170.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2073.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	1983.	2		1400	457	0.	3		0845	682	0.
1		0035	8	6.	1		1920	233	1898.	2		1405	458	0.	3		0850	683	0.
1		0040	9	7.	1		1925	234	1817.	2		1410	459	0.	3		0855	684	0.
1		0045	10	8.	1		1930	235	1740.	2		1415	460	0.	3		0900	685	0.
1		0050	11	10.	1		1935	236	1667.	2		1420	461	0.	3		0905	686	0.
1		0055	12	11.	1		1940	237	1599.	2		1425	462	0.	3		0910	687	0.
1		0100	13	12.	1		1945	238	1537.	2		1430	463	0.	3		0915	688	0.
1		0105	14	12.	1		1950	239	1478.	2		1435	464	0.	3		0920	689	0.
1		0110	15	13.	1		1955	240	1424.	2		1440	465	0.	3		0925	690	0.
1		0115	16	13.	1		2000	241	1372.	2		1445	466	0.	3		0930	691	0.
1		0120	17	14.	1		2005	242	1324.	2		1450	467	0.	3		0935	692	0.
1		0125	18	14.	1		2010	243	1279.	2		1455	468	0.	3		0940	693	0.
1		0130	19	14.	1		2015	244	1236.	2		1500	469	0.	3		0945	694	0.
1		0135	20	15.	1		2020	245	1195.	2		1505	470	0.	3		0950	695	0.
1		0140	21	20.	1		2025	246	1157.	2		1510	471	0.	3		0955	696	0.
1		0145	22	25.	1		2030	247	1122.	2		1515	472	0.	3		1000	697	0.
1		0150	23	31.	1		2035	248	1089.	2		1520	473	0.	3		1005	698	0.
1		0155	24	37.	1		2040	249	1056.	2		1525	474	0.	3		1010	699	0.
1		0200	25	43.	1		2045	250	1025.	2		1530	475	0.	3		1015	700	0.
1		0205	26	49.	1		2050	251	995.	2		1535	476	0.	3		1020	701	0.
1		0210	27	55.	1		2055	252	967.	2		1540	477	0.	3		1025	702	0.
1		0215	28	61.	1		2100	253	941.	2		1545	478	0.	3		1030	703	0.
1		0220	29	67.	1		2105	254	916.	2		1550	479	0.	3		1035	704	0.
1		0225	30	73.	1		2110	255	893.	2		1555	480	0.	3		1040	705	0.
1		0230	31	79.	1		2115	256	870.	2		1600	481	0.	3		1045	706	0.
1		0235	32	85.	1		2120	257	850.	2		1605	482	0.	3		1050	707	0.
1		0240	33	91.	1		2125	258	830.	2		1610	483	0.	3		1055	708	0.
1		0245	34	97.	1		2130	259	812.	2		1615	484	0.	3		1100	709	0.
1		0250	35	103.	1		2135	260	794.	2		1620	485	0.	3		1105	710	0.
1		0255	36	109.	1		2140	261	777.	2		1625	486	0.	3		1110	711	0.
1		0300	37	115.	1		2145	262	759.	2		1630	487	0.	3		1115	712	0.
1		0305	38	121.	1		2150	263	742.	2		1635	488	0.	3		1120	713	0.
1		0310	39	127.	1		2155	264	726.	2		1640	489	0.	3		1125	714	0.
1		0315	40	132.	1		2200	265	711.	2		1645	490	0.	3		1130	715	0.
1		0320	41	137.	1		2205	266	697.	2		1650	491	0.	3		1135	716	0.
1		0325	42	142.	1		2210	267	684.	2		1655	492	0.	3		1140	717	0.
1		0330	43	147.	1		2215	268	671.	2		1700	493	0.	3		1145	718	0.
1		0335	44	153.	1		2220	269	659.	2		1705	494	0.	3		1150	719	0.
1		0340	45	158.	1		2225	270	647.	2		1710	495	0.	3		1155	720	0.
1		0345	46	163.	1		2230	271	635.	2		1715	496	0.	3		1200	721	0.
1		0350	47	168.	1		2235	272	622.	2		1720	497	0.	3		1205	722	0.
1		0355	48	173.	1		2240	273	611.	2		1725	498	0.	3		1210	723	0.
1		0400	49	177.	1		2245	274	600.	2		1730	499	0.	3		1215	724	0.
1		0405	50	182.	1		2250	275	589.	2		1735	500	0.	3		1220	725	0.
1		0410	51	187.	1		2255	276	578.	2		1740	501	0.	3		1225	726	0.
1		0415	52	192.	1		2300	277	568.	2		1745	502	0.	3		1230	727	0.
1		0420	53	197.	1		2305	278	558.	2		1750	503	0.	3		1235	728	0.
1		0425	54	202.	1		2310	279	548.	2		1755	504	0.	3		1240	729	0.
1		0430	55	207.	1		2315	280	538.	2		1800	505	0.	3		1245	730	0.
1		0435	56	212.	1		2320	281	529.	2		1805	506	0.	3		1250	731	0.
1		0440	57	216.	1		2325	282	519.	2		1810	507	0.	3		1255	732	0.
1		0445	58	221.	1		2330	283	511.	2		1815	508	0.	3		1300	733	0.
1		0450	59	225.	1		2335	284	502.	2		1820	509	0.	3		1305	734	0.
1		0455	60	230.	1		2340	285	494.	2		1825	510	0.	3		1310	735	0.
1		0500	61	235.	1		2345	286	486.	2		1830	511	0.	3		1315	736	0.
1		0505	62	240.	1		2350	287	478.	2		1835	512	0.	3		1320	737	0.
1		0510	63	245.	1		2355	288	470.	2		1840	513	0.	3		1325	738	0.
1		0515	64	250.	2		0000	289	463.	2		1845	514	0.	3		1330	739	0.
1		0520	65	255.	2		0005	290	455.	2		1850	515	0.	3		1335	740	0.
1		0525	66	260.	2		0010	291	448.	2		1855	516	0.	3		1340	741	0.
1		0530	67	265.	2		0015	292	440.	2		1900	517	0.	3		1345	742	0.
1		0535	68	270.	2		0020	293	432.	2		1905	518	0.	3		1350	743	0.
1		0540	69	274.	2		0025	294	424.	2		1910	519	0.	3		1355	744	0.
1		0545	70	279.	2		0030	295	416.	2		1915	520	0.	3		1400	745	0.
1		0550	71	284.	2		0035	296	408.	2		1920	521	0.	3		1405	746	0.
1		0555	72	288.	2		0040	297	399.	2		1925	522	0.	3		1410	747	0.
1		0600	73	292.	2		0045	298	391.	2		1930	523	0.	3		1415	748	0.
1		0605	74	297.	2		0050	299	382.	2		1935	524	0.	3		1420	749	0.
1		0610	75	302.	2		0055	300	373.	2		1940	525	0.	3		1425	750	0.
1		0615	76	306.	2		0100	301	363.	2		1945	526	0.	3		1430	751	0.

1	0620	77	311.	*	2	0105	302	353.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	315.	*	2	0110	303	342.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	320.	*	2	0115	304	331.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	324.	*	2	0120	305	320.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	329.	*	2	0125	306	309.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	333.	*	2	0130	307	297.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	338.	*	2	0135	308	285.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	343.	*	2	0140	309	273.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	348.	*	2	0145	310	261.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	352.	*	2	0150	311	249.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	358.	*	2	0155	312	237.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	363.	*	2	0200	313	226.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	368.	*	2	0205	314	214.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	374.	*	2	0210	315	204.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	380.	*	2	0215	316	193.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	386.	*	2	0220	317	183.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	392.	*	2	0225	318	174.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	398.	*	2	0230	319	165.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	405.	*	2	0235	320	156.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	412.	*	2	0240	321	148.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	419.	*	2	0245	322	140.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	426.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	434.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	442.	*	2	0300	325	119.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	451.	*	2	0305	326	112.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	459.	*	2	0310	327	106.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	468.	*	2	0315	328	100.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	478.	*	2	0320	329	95.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	487.	*	2	0325	330	90.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	497.	*	2	0330	331	85.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	506.	*	2	0335	332	80.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	516.	*	2	0340	333	76.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	527.	*	2	0345	334	71.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	538.	*	2	0350	335	67.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	548.	*	2	0355	336	63.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	560.	*	2	0400	337	60.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	571.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	583.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	595.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	608.	*	2	0420	341	48.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	621.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	634.	*	2	0430	343	43.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	648.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	662.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	677.	*	2	0445	346	36.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	692.	*	2	0450	347	35.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	707.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	722.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	738.	*	2	0505	350	30.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	754.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	771.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	789.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	808.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	828.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	849.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	871.	*	2	0540	357	21.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	894.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	920.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	947.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	976.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1009.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1046.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1088.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1200.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1348.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1656.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2150.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2829.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3741.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5129.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6797.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	10417.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13887.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	17583.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	21389.	*	2	0715	376	2.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24721.	*	2	0720	377	1.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	27670.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	29953.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31614.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	32623.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	33156.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	33396.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	33534.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	33597.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33579.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	33501.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	33337.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	33079.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32720.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	32274.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	31756.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	31178.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	30561.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	29895.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29190.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28466.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27739.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	26958.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	26104.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25196.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24233.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23236.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22234.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21266.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20315.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19393.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.

DA	HRMN	ORD	FLOW	DA	HRMN	ORD	FLOW	DA	HRMN	ORD	FLOW	DA	HRMN	ORD	FLOW
1	1510	183	18491.	2	0955	408	0.	3	0440	633	0.	3	2325	858	0.
1	1515	184	17621.	2	1000	409	0.	3	0445	634	0.	3	2330	859	0.
1	1520	185	16790.	2	1005	410	0.	3	0450	635	0.	3	2335	860	0.
1	1525	186	15992.	2	1010	411	0.	3	0455	636	0.	3	2340	861	0.
1	1530	187	15240.	2	1015	412	0.	3	0500	637	0.	3	2345	862	0.
1	1535	188	14509.	2	1020	413	0.	3	0505	638	0.	3	2350	863	0.
1	1540	189	13815.	2	1025	414	0.	3	0510	639	0.	3	2355	864	0.
1	1545	190	13163.	2	1030	415	0.	3	0515	640	0.	4	0000	865	0.
1	1550	191	12541.	2	1035	416	0.	3	0520	641	0.	4	0005	866	0.
1	1555	192	11955.	2	1040	417	0.	3	0525	642	0.	4	0010	867	0.
1	1600	193	11414.	2	1045	418	0.	3	0530	643	0.	4	0015	868	0.
1	1605	194	10879.	2	1050	419	0.	3	0535	644	0.	4	0020	869	0.
1	1610	195	10356.	2	1055	420	0.	3	0540	645	0.	4	0025	870	0.
1	1615	196	9852.	2	1100	421	0.	3	0545	646	0.	4	0030	871	0.
1	1620	197	9372.	2	1105	422	0.	3	0550	647	0.	4	0035	872	0.
1	1625	198	8920.	2	1110	423	0.	3	0555	648	0.	4	0040	873	0.
1	1630	199	8491.	2	1115	424	0.	3	0600	649	0.	4	0045	874	0.
1	1635	200	8080.	2	1120	425	0.	3	0605	650	0.	4	0050	875	0.
1	1640	201	7667.	2	1125	426	0.	3	0610	651	0.	4	0055	876	0.
1	1645	202	7289.	2	1130	427	0.	3	0615	652	0.	4	0100	877	0.
1	1650	203	6946.	2	1135	428	0.	3	0620	653	0.	4	0105	878	0.
1	1655	204	6629.	2	1140	429	0.	3	0625	654	0.	4	0110	879	0.
1	1700	205	6333.	2	1145	430	0.	3	0630	655	0.	4	0115	880	0.
1	1705	206	6055.	2	1150	431	0.	3	0635	656	0.	4	0120	881	0.
1	1710	207	5792.	2	1155	432	0.	3	0640	657	0.	4	0125	882	0.
1	1715	208	5544.	2	1200	433	0.	3	0645	658	0.	4	0130	883	0.
1	1720	209	5306.	2	1205	434	0.	3	0650	659	0.	4	0135	884	0.
1	1725	210	5079.	2	1210	435	0.	3	0655	660	0.	4	0140	885	0.
1	1730	211	4855.	2	1215	436	0.	3	0700	661	0.	4	0145	886	0.
1	1735	212	4629.	2	1220	437	0.	3	0705	662	0.	4	0150	887	0.
1	1740	213	4399.	2	1225	438	0.	3	0710	663	0.	4	0155	888	0.
1	1745	214	4190.	2	1230	439	0.	3	0715	664	0.	4	0200	889	0.
1	1750	215	4018.	2	1235	440	0.	3	0720	665	0.	4	0205	890	0.
1	1755	216	3928.	2	1240	441	0.	3	0725	666	0.	4	0210	891	0.
1	1800	217	3827.	2	1245	442	0.	3	0730	667	0.	4	0215	892	0.
1	1805	218	3711.	2	1250	443	0.	3	0735	668	0.	4	0220	893	0.
1	1810	219	3582.	2	1255	444	0.	3	0740	669	0.	4	0225	894	0.
1	1815	220	3444.	2	1300	445	0.	3	0745	670	0.	4	0230	895	0.
1	1820	221	3302.	2	1305	446	0.	3	0750	671	0.	4	0235	896	0.
1	1825	222	3160.	2	1310	447	0.	3	0755	672	0.	4	0240	897	0.
1	1830	223	3020.	2	1315	448	0.	3	0800	673	0.	4	0245	898	0.
1	1835	224	2885.	2	1320	449	0.	3	0805	674	0.	4	0250	899	0.
1	1840	225	2752.	2	1325	450	0.	3	0810	675	0.	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 33597.	13.25	(CFS)	17939.	5043.	1685.	1619.
		(INCHES)	1.413	1.589	1.592	1.592
		(AC-FT)	8895.	10003.	10025.	10025.

CUMULATIVE AREA = 118.05 SQ MI

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          **************
          *            *
929 KK    *    C400    *
          *            *
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930 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	21	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	900	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

Combine hydrograph C400R w/runoff from S400L at C400.

932 HC HYDROGRAPH COMBINATION

ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT C400
TRANSPOSITION AREA .0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3258.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3118.	2		1335	452	0.	3		0820	677	0.
1		0010	3	1.	1		1855	228	2980.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2846.	2		1345	454	0.	3		0830	679	0.
1		0020	5	3.	1		1905	230	2718.	2		1350	455	0.	3		0835	680	0.
1		0025	6	5.	1		1910	231	2596.	2		1355	456	0.	3		0840	681	0.
1		0030	7	8.	1		1915	232	2481.	2		1400	457	0.	3		0845	682	0.
1		0035	8	11.	1		1920	233	2372.	2		1405	458	0.	3		0850	683	0.
1		0040	9	15.	1		1925	234	2269.	2		1410	459	0.	3		0855	684	0.
1		0045	10	18.	1		1930	235	2171.	2		1415	460	0.	3		0900	685	0.
1		0050	11	22.	1		1935	236	2079.	2		1420	461	0.	3		0905	686	0.
1		0055	12	26.	1		1940	237	1994.	2		1425	462	0.	3		0910	687	0.

1	0100	13	29.	*	1	1945	238	1915.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	32.	*	1	1950	239	1842.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	35.	*	1	1955	240	1772.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	37.	*	1	2000	241	1707.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	39.	*	1	2005	242	1647.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	40.	*	1	2010	243	1590.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	45.	*	1	2015	244	1536.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	52.	*	1	2020	245	1485.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	59.	*	1	2025	246	1439.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	66.	*	1	2030	247	1396.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	74.	*	1	2035	248	1356.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	82.	*	1	2040	249	1317.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	90.	*	1	2045	250	1279.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	98.	*	1	2050	251	1243.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	106.	*	1	2055	252	1210.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	114.	*	1	2100	253	1178.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	122.	*	1	2105	254	1149.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	130.	*	1	2110	255	1120.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	138.	*	1	2115	256	1093.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	146.	*	1	2120	257	1067.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	154.	*	1	2125	258	1043.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	162.	*	1	2130	259	1020.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	170.	*	1	2135	260	998.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	178.	*	1	2140	261	977.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	186.	*	1	2145	262	955.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	195.	*	1	2150	263	933.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	203.	*	1	2155	264	913.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	210.	*	1	2200	265	894.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	218.	*	1	2205	266	876.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	225.	*	1	2210	267	859.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	232.	*	1	2215	268	844.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	239.	*	1	2220	269	829.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	245.	*	1	2225	270	814.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	252.	*	1	2230	271	800.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	258.	*	1	2235	272	785.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	264.	*	1	2240	273	772.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	270.	*	1	2245	274	759.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	276.	*	1	2250	275	747.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	283.	*	1	2255	276	734.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	290.	*	1	2300	277	722.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	297.	*	1	2305	278	710.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	305.	*	1	2310	279	698.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	313.	*	1	2315	280	686.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	320.	*	1	2320	281	675.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	328.	*	1	2325	282	664.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	335.	*	1	2330	283	653.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	341.	*	1	2335	284	644.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	348.	*	1	2340	285	634.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	355.	*	1	2345	286	625.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	362.	*	1	2350	287	615.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	368.	*	1	2355	288	606.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	373.	*	2	0000	289	598.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	379.	*	2	0005	290	589.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	384.	*	2	0010	291	580.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	390.	*	2	0015	292	570.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	396.	*	2	0020	293	560.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	401.	*	2	0025	294	549.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	407.	*	2	0030	295	538.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	412.	*	2	0035	296	526.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	417.	*	2	0040	297	514.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	423.	*	2	0045	298	501.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	429.	*	2	0050	299	488.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	435.	*	2	0055	300	474.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	441.	*	2	0100	301	460.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	447.	*	2	0105	302	446.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	452.	*	2	0110	303	432.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	458.	*	2	0115	304	418.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	464.	*	2	0120	305	403.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	470.	*	2	0125	306	388.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	476.	*	2	0130	307	373.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	483.	*	2	0135	308	359.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	489.	*	2	0140	309	344.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	495.	*	2	0145	310	329.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	501.	*	2	0150	311	314.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	508.	*	2	0155	312	300.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	515.	*	2	0200	313	285.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	523.	*	2	0205	314	271.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	530.	*	2	0210	315	258.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	538.	*	2	0215	316	245.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	547.	*	2	0220	317	232.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	556.	*	2	0225	318	220.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	565.	*	2	0230	319	208.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	575.	*	2	0235	320	197.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	584.	*	2	0240	321	187.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	594.	*	2	0245	322	177.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	604.	*	2	0250	323	168.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	615.	*	2	0255	324	159.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	626.	*	2	0300	325	151.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	638.	*	2	0305	326	144.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	650.	*	2	0310	327	137.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	663.	*	2	0315	328	130.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	676.	*	2	0320	329	124.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	689.	*	2	0325	330	118.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	702.	*	2	0330	331	112.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	716.	*	2	0335	332	106.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	730.	*	2	0340	333	101.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	745.	*	2	0345	334	96.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	760.	*	2	0350	335	91.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	774.	*	2	0355	336	87.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	789.	*	2	0400	337	83.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	804.	*	2	0405	338	78.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	820.	*	2	0410	339	74.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	835.	*	2	0415	340	70.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	852.	*	2	0420	341	67.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	868.	*	2	0425	342	63.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	885.	*	2	0430	343	60.	*	2	2315	568	0.	*	3	1800	793	0.

1	0950	119	901.	*	2	0435	344	56.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	919.	*	2	0440	345	53.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	936.	*	2	0445	346	50.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	955.	*	2	0450	347	48.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	973.	*	2	0455	348	45.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	992.	*	2	0500	349	43.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	1012.	*	2	0505	350	41.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	1033.	*	2	0510	351	39.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	1054.	*	2	0515	352	37.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	1078.	*	2	0520	353	35.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	1103.	*	2	0525	354	33.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1129.	*	2	0530	355	32.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1157.	*	2	0535	356	30.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1188.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1221.	*	2	0545	358	27.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1260.	*	2	0550	359	26.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1302.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1353.	*	2	0600	361	23.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1416.	*	2	0605	362	22.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1491.	*	2	0610	363	21.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1579.	*	2	0615	364	20.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1840.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	2139.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2670.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	3561.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	4780.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	6513.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	8913.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	13184.	*	2	0655	372	11.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	17720.	*	2	0700	373	10.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	22586.	*	2	0705	374	9.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	27873.	*	2	0710	375	8.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	33056.	*	2	0715	376	7.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	37347.	*	2	0720	377	6.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	40967.	*	2	0725	378	5.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	43545.	*	2	0730	379	4.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	45633.	*	2	0735	380	3.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	46896.	*	2	0740	381	2.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	47602.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	47931.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	48168.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	48297.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	48251.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	48014.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	47577.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	46960.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	46222.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	45351.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	44407.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	43371.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	42232.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41047.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	39857.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	38530.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	37087.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	35773.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	34349.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	32695.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	31099.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	29539.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	28048.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26639.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	25284.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23966.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22694.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21525.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	20426.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	19401.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	18422.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17499.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16641.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15830.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	15061.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	14318.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13627.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12973.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	12357.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11791.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11253.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10726.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10219.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9736.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9283.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8860.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8459.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8074.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7683.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7330.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7002.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6695.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6402.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6128.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5869.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5625.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5389.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5160.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4933.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4708.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4480.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4274.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4098.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4005.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3905.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3791.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3668.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3536.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.

1	1840	225	3399.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 48297.	13.25		24370.	6824.	2280.	2192.
		(INCHES)	1.841	2.062	2.067	2.067
		(AC-FT)	12084.	13535.	13570.	13570.

CUMULATIVE AREA = 123.07 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3252.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3111.	2		1335	452	0.	3		0820	677	0.
1		0010	3	1.	1		1855	228	2973.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2840.	2		1345	454	0.	3		0830	679	0.
1		0020	5	3.	1		1905	230	2712.	2		1350	455	0.	3		0835	680	0.
1		0025	6	5.	1		1910	231	2590.	2		1355	456	0.	3		0840	681	0.
1		0030	7	8.	1		1915	232	2475.	2		1400	457	0.	3		0845	682	0.
1		0035	8	11.	1		1920	233	2367.	2		1405	458	0.	3		0850	683	0.
1		0040	9	15.	1		1925	234	2264.	2		1410	459	0.	3		0855	684	0.
1		0045	10	18.	1		1930	235	2166.	2		1415	460	0.	3		0900	685	0.
1		0050	11	22.	1		1935	236	2075.	2		1420	461	0.	3		0905	686	0.
1		0055	12	26.	1		1940	237	1990.	2		1425	462	0.	3		0910	687	0.
1		0100	13	29.	1		1945	238	1911.	2		1430	463	0.	3		0915	688	0.
1		0105	14	32.	1		1950	239	1838.	2		1435	464	0.	3		0920	689	0.
1		0110	15	35.	1		1955	240	1769.	2		1440	465	0.	3		0925	690	0.
1		0115	16	37.	1		2000	241	1704.	2		1445	466	0.	3		0930	691	0.
1		0120	17	39.	1		2005	242	1643.	2		1450	467	0.	3		0935	692	0.
1		0125	18	40.	1		2010	243	1586.	2		1455	468	0.	3		0940	693	0.
1		0130	19	45.	1		2015	244	1533.	2		1500	469	0.	3		0945	694	0.
1		0135	20	52.	1		2020	245	1482.	2		1505	470	0.	3		0950	695	0.
1		0140	21	59.	1		2025	246	1436.	2		1510	471	0.	3		0955	696	0.
1		0145	22	66.	1		2030	247	1393.	2		1515	472	0.	3		1000	697	0.
1		0150	23	74.	1		2035	248	1353.	2		1520	473	0.	3		1005	698	0.
1		0155	24	82.	1		2040	249	1314.	2		1525	474	0.	3		1010	699	0.
1		0200	25	89.	1		2045	250	1277.	2		1530	475	0.	3		1015	700	0.
1		0205	26	97.	1		2050	251	1241.	2		1535	476	0.	3		1020	701	0.
1		0210	27	105.	1		2055	252	1207.	2		1540	477	0.	3		1025	702	0.
1		0215	28	114.	1		2100	253	1176.	2		1545	478	0.	3		1030	703	0.
1		0220	29	122.	1		2105	254	1146.	2		1550	479	0.	3		1035	704	0.
1		0225	30	130.	1		2110	255	1117.	2		1555	480	0.	3		1040	705	0.
1		0230	31	138.	1		2115	256	1090.	2		1600	481	0.	3		1045	706	0.
1		0235	32	146.	1		2120	257	1065.	2		1605	482	0.	3		1050	707	0.
1		0240	33	154.	1		2125	258	1041.	2		1610	483	0.	3		1055	708	0.
1		0245	34	161.	1		2130	259	1018.	2		1615	484	0.	3		1100	709	0.
1		0250	35	169.	1		2135	260	996.	2		1620	485	0.	3		1105	710	0.
1		0255	36	178.	1		2140	261	974.	2		1625	486	0.	3		1110	711	0.
1		0300	37	186.	1		2145	262	953.	2		1630	487	0.	3		1115	712	0.
1		0305	38	194.	1		2150	263	931.	2		1635	488	0.	3		1120	713	0.
1		0310	39	202.	1		2155	264	911.	2		1640	489	0.	3		1125	714	0.
1		0315	40	210.	1		2200	265	892.	2		1645	490	0.	3		1130	715	0.
1		0320	41	217.	1		2205	266	874.	2		1650	491	0.	3		1135	716	0.
1		0325	42	224.	1		2210	267	858.	2		1655	492	0.	3		1140	717	0.
1		0330	43	231.	1		2215	268	842.	2		1700	493	0.	3		1145	718	0.
1		0335	44	238.	1		2220	269	828.	2		1705	494	0.	3		1150	719	0.
1		0340	45	245.	1		2225	270	813.	2		1710	495	0.	3		1155	720	0.
1		0345	46	251.	1		2230	271	798.	2		1715	496	0.	3		1200	721	0.
1		0350	47	257.	1		2235	272	783.	2		1720	497	0.	3		1205	722	0.
1		0355	48	263.	1		2240	273	770.	2		1725	498	0.	3		1210	723	0.
1		0400	49	269.	1		2245	274	757.	2		1730	499	0.	3		1215	724	0.
1		0405	50	275.	1		2250	275	745.	2		1735	500	0.	3		1220	725	0.
1		0410	51	282.	1		2255	276	733.	2		1740	501	0.	3		1225	726	0.
1		0415	52	289.	1		2300	277	720.	2		1745	502	0.	3		1230	727	0.
1		0420	53	296.	1		2305	278	708.	2		1750	503	0.	3		1235	728	0.
1		0425	54	304.	1		2310	279	696.	2		1755	504	0.	3		1240	729	0.
1		0430	55	312.	1		2315	280	685.	2		1800	505	0.	3		1245	730	0.
1		0435	56	319.	1		2320	281	673.	2		1805	506	0.	3		1250	731	0.
1		0440	57	327.	1		2325	282	662.	2		1810	507	0.	3		1255	732	0.
1		0445	58	334.	1		2330	283	652.	2		1815	508	0.	3		1300	733	0.
1		0450	59	340.	1		2335	284	642.	2		1820	509	0.	3		1305	734	0.
1		0455	60	347.	1		2340	285	633.	2		1825	510	0.	3		1310	735	0.
1		0500	61	354.	1		2345	286	623.	2		1830	511	0.	3		1315	736	0.
1		0505	62	361.	1		2350	287	614.	2		1835	512	0.	3		1320	737	0.
1		0510	63	367.	1		2355	288	605.	2		1840	513	0.	3		1325	738	0.
1		0515	64	372.	2		0000	289	596.	2		1845	514	0.	3		1330	739	0.
1		0520	65	377.	2		0005	290	588.	2		1850	515	0.	3		1335	740	0.
1		0525	66	383.	2		0010	291	578.	2		1855	516	0.	3		1340	741	0.
1		0530	67	389.	2		0015	292	569.	2		1900	517	0.	3		1345	742	0.
1		0535	68	395.	2		0020	293	559.	2		1905	518	0.	3		1350	743	0.
1		0540	69	400.	2		0025	294	548.	2		1910	519	0.	3		1355	744	0.
1		0545	70	405.	2		0030	295	537.	2		1915	520	0.	3		1400	745	0.
1		0550	71	411.	2		0035	296	525.	2		1920	521	0.	3		1405	746	0.
1		0555	72	416.	2		0040	297	512.	2		1925	522	0.	3		1410	747	0.
1		0600	73	422.	2		0045	298	500.	2		1930	523	0.	3		1415	748	0.
1		0605	74	428.	2		0050	299	487.	2		1935	524	0.	3		1420	749	0.
1		0610	75	433.	2		0055	300	473.	2		1940	525	0.	3		1425	750	0.
1		0615	76	439.	2		0100	301	459.	2		1945	526	0.	3		1430	751	0.
1		0620	77	445.	2		0105	302	445.	2		1950	527	0.	3		1435	752	0.
1		0625	78	451.	2		0110	303	431.	2		1955	528	0.	3		1440	753	0.
1		0630	79	457.	2		0115	304	417.	2		2000	529	0.	3		1445	754	0.
1		0635	80	463.	2		0120	305	402.	2		2005	530	0.	3		1450	755	0.
1		0640	81	469.	2		0125	306	387.	2		2010	531	0.	3		1455	756	0.
1		0645	82	475.	2		0130	307	373.	2		2015	532	0.	3		1500	757	0.

1	0650	83	481.	*	2	0135	308	358.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	487.	*	2	0140	309	343.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	494.	*	2	0145	310	328.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	500.	*	2	0150	311	313.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	506.	*	2	0155	312	299.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	514.	*	2	0200	313	285.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	521.	*	2	0205	314	271.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	529.	*	2	0210	315	257.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	537.	*	2	0215	316	244.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	545.	*	2	0220	317	231.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	554.	*	2	0225	318	219.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	564.	*	2	0230	319	208.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	573.	*	2	0235	320	197.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	583.	*	2	0240	321	186.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	592.	*	2	0245	322	177.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	602.	*	2	0250	323	168.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	613.	*	2	0255	324	159.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	624.	*	2	0300	325	151.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	636.	*	2	0305	326	143.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	648.	*	2	0310	327	136.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	661.	*	2	0315	328	130.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	674.	*	2	0320	329	123.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	687.	*	2	0325	330	117.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	700.	*	2	0330	331	111.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	714.	*	2	0335	332	106.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	728.	*	2	0340	333	101.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	743.	*	2	0345	334	96.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	758.	*	2	0350	335	91.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	772.	*	2	0355	336	87.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	787.	*	2	0400	337	82.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	802.	*	2	0405	338	78.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	818.	*	2	0410	339	74.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	833.	*	2	0415	340	70.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	850.	*	2	0420	341	66.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	866.	*	2	0425	342	63.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	882.	*	2	0430	343	59.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	899.	*	2	0435	344	56.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	916.	*	2	0440	345	53.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	934.	*	2	0445	346	50.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	952.	*	2	0450	347	48.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	971.	*	2	0455	348	45.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	990.	*	2	0500	349	43.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	1010.	*	2	0505	350	41.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	1030.	*	2	0510	351	39.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	1052.	*	2	0515	352	37.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	1076.	*	2	0520	353	35.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	1100.	*	2	0525	354	33.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1126.	*	2	0530	355	31.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1155.	*	2	0535	356	30.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1185.	*	2	0540	357	28.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1218.	*	2	0545	358	27.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1257.	*	2	0550	359	26.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1299.	*	2	0555	360	24.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1350.	*	2	0600	361	23.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1412.	*	2	0605	362	22.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1486.	*	2	0610	363	21.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1574.	*	2	0615	364	19.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1833.	*	2	0620	365	18.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	2132.	*	2	0625	366	17.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2661.	*	2	0630	367	16.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	3550.	*	2	0635	368	15.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	4765.	*	2	0640	369	14.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	6492.	*	2	0645	370	13.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	8885.	*	2	0650	371	12.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	13128.	*	2	0655	372	11.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	17661.	*	2	0700	373	10.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	22511.	*	2	0705	374	9.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	27786.	*	2	0710	375	8.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	32956.	*	2	0715	376	7.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	37237.	*	2	0720	377	6.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	40850.	*	2	0725	378	5.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	43413.	*	2	0730	379	4.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	45500.	*	2	0735	380	3.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	46750.	*	2	0740	381	2.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	47458.	*	2	0745	382	1.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	47782.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	48013.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	48136.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	48087.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	47850.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	47415.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	46800.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	46065.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	45197.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	44254.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	43220.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	42090.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	40922.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	39732.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	38403.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	36975.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	35684.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	34249.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	32605.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	31018.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	29464.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	27982.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26576.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	25226.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23912.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22644.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21481.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	20383.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	19362.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	18384.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17464.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.

1	1540	189	16607.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15799.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	15031.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	14289.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13601.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12949.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	12333.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11769.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11232.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10706.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10199.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9717.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9265.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8843.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8442.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8056.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7667.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7315.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6988.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6681.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6390.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6116.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5858.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5614.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5379.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5150.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4922.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4697.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4469.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4264.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4089.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4001.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3900.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3786.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3662.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3530.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3392.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 48136.	13.25	(CFS)	24301.	6805.	2274.	2186.
		(INCHES)	1.836	2.056	2.062	2.062
		(AC-FT)	12050.	13497.	13532.	13532.

CUMULATIVE AREA = 123.07 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	3045.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2908.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	1.	*	1		1855	228	2775.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2648.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	3.	*	1		1905	230	2527.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	5.	*	1		1910	231	2414.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	7.	*	1		1915	232	2307.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	11.	*	1		1920	233	2208.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	14.	*	1		1925	234	2113.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	17.	*	1		1930	235	2023.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	21.	*	1		1935	236	1939.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	24.	*	1		1940	237	1861.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	27.	*	1		1945	238	1788.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	30.	*	1		1950	239	1720.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	33.	*	1		1955	240	1657.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	35.	*	1		2000	241	1597.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	37.	*	1		2005	242	1542.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	38.	*	1		2010	243	1489.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	40.	*	1		2015	244	1439.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	46.	*	1		2020	245	1392.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	53.	*	1		2025	246	1349.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	60.	*	1		2030	247	1309.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	67.	*	1		2035	248	1271.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	74.	*	1		2040	249	1235.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	81.	*	1		2045	250	1199.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	89.	*	1		2050	251	1165.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	96.	*	1		2055	252	1133.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	104.	*	1		2100	253	1103.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	111.	*	1		2105	254	1075.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	119.	*	1		2110	255	1048.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	126.	*	1		2115	256	1022.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	133.	*	1		2120	257	998.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	141.	*	1		2125	258	976.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	148.	*	1		2130	259	954.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	156.	*	1		2135	260	934.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	163.	*	1		2140	261	914.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	170.	*	1		2145	262	893.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	178.	*	1		2150	263	874.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	185.	*	1		2155	264	855.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	192.	*	1		2200	265	837.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	199.	*	1		2205	266	821.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	205.	*	1		2210	267	805.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	212.	*	1		2215	268	791.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	218.	*	1		2220	269	778.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	224.	*	1		2225	270	763.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	230.	*	1		2230	271	749.	*	2		1715	496	0.	*	3		1200	721	0.

1	0350	47	236.	*	1	2235	272	736.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	241.	*	1	2240	273	723.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	246.	*	1	2245	274	711.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	252.	*	1	2250	275	699.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	258.	*	1	2255	276	688.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	264.	*	1	2300	277	677.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	271.	*	1	2305	278	665.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	278.	*	1	2310	279	654.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	285.	*	1	2315	280	643.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	292.	*	1	2320	281	632.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	298.	*	1	2325	282	622.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	305.	*	1	2330	283	612.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	311.	*	1	2335	284	602.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	317.	*	1	2340	285	593.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	324.	*	1	2345	286	584.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	330.	*	1	2350	287	575.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	336.	*	1	2355	288	567.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	341.	*	2	0000	289	558.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	346.	*	2	0005	290	550.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	351.	*	2	0010	291	541.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	357.	*	2	0015	292	532.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	362.	*	2	0020	293	522.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	368.	*	2	0025	294	512.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	373.	*	2	0030	295	502.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	378.	*	2	0035	296	490.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	383.	*	2	0040	297	478.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	388.	*	2	0045	298	466.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	394.	*	2	0050	299	454.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	399.	*	2	0055	300	442.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	405.	*	2	0100	301	429.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	411.	*	2	0105	302	416.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	416.	*	2	0110	303	402.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	422.	*	2	0115	304	389.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	427.	*	2	0120	305	375.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	433.	*	2	0125	306	361.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	439.	*	2	0130	307	347.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	445.	*	2	0135	308	333.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	450.	*	2	0140	309	319.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	456.	*	2	0145	310	305.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	462.	*	2	0150	311	291.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	468.	*	2	0155	312	278.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	474.	*	2	0200	313	264.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	481.	*	2	0205	314	251.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	488.	*	2	0210	315	238.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	496.	*	2	0215	316	226.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	503.	*	2	0220	317	214.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	512.	*	2	0225	318	203.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	520.	*	2	0230	319	192.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	529.	*	2	0235	320	182.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	538.	*	2	0240	321	173.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	547.	*	2	0245	322	164.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	556.	*	2	0250	323	155.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	566.	*	2	0255	324	147.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	576.	*	2	0300	325	140.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	587.	*	2	0305	326	133.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	598.	*	2	0310	327	126.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	610.	*	2	0315	328	119.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	621.	*	2	0320	329	113.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	633.	*	2	0325	330	108.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	645.	*	2	0330	331	102.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	657.	*	2	0335	332	97.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	670.	*	2	0340	333	92.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	684.	*	2	0345	334	87.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	698.	*	2	0350	335	83.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	712.	*	2	0355	336	78.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	726.	*	2	0400	337	74.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	741.	*	2	0405	338	70.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	756.	*	2	0410	339	66.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	771.	*	2	0415	340	63.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	787.	*	2	0420	341	59.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	803.	*	2	0425	342	56.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	819.	*	2	0430	343	53.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	835.	*	2	0435	344	50.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	851.	*	2	0440	345	47.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	868.	*	2	0445	346	45.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	886.	*	2	0450	347	43.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	904.	*	2	0455	348	40.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	922.	*	2	0500	349	38.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	941.	*	2	0505	350	36.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	961.	*	2	0510	351	35.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	981.	*	2	0515	352	33.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	1004.	*	2	0520	353	31.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	1027.	*	2	0525	354	30.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1052.	*	2	0530	355	28.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1079.	*	2	0535	356	27.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1107.	*	2	0540	357	25.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1138.	*	2	0545	358	24.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1173.	*	2	0550	359	23.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1211.	*	2	0555	360	22.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1255.	*	2	0600	361	21.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1307.	*	2	0605	362	19.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1369.	*	2	0610	363	18.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1441.	*	2	0615	364	17.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1672.	*	2	0620	365	16.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1940.	*	2	0625	366	15.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2424.	*	2	0630	367	14.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	3244.	*	2	0635	368	13.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	4370.	*	2	0640	369	12.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	5931.	*	2	0645	370	11.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	8100.	*	2	0650	371	10.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	11538.	*	2	0655	372	9.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	15983.	*	2	0700	373	8.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	20415.	*	2	0705	374	7.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	25291.	*	2	0710	375	6.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	30054.	*	2	0715	376	5.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	34083.	*	2	0720	377	4.	*	3	0205	602	0.	*	3	2050	827	0.

1	1240	153	37480.	*	2	0725	378	3.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	40003.	*	2	0730	379	2.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	41570.	*	2	0735	380	1.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	42657.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	43203.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	43363.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	43442.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	43458.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	43382.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	43147.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	42742.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	42190.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	41562.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	40824.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	40001.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39086.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	38081.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	37079.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	36155.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	35134.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	33900.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	32587.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	31285.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	29943.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	28591.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	27297.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	26014.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	24745.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	23508.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	22319.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	21210.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	20141.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	19147.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	18187.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	17288.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16428.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15636.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14877.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14146.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13471.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12827.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12215.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11661.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11122.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10595.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10087.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9604.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9151.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8725.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8321.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7925.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7542.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7195.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6874.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6572.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6287.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6015.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5761.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5521.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5292.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5065.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4838.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4606.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4383.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4188.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4047.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3958.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3851.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3728.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3598.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3462.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3324.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3184.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 43458.	13.25		22290.	6253.	2090.	2008.
		(INCHES)	1.684	1.890	1.894	1.894
		(AC-FT)	11053.	12403.	12435.	12435.

CUMULATIVE AREA = 123.07 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2933.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2799.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	1.	*	1		1855	228	2670.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2547.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	3.	*	1		1905	230	2431.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	5.	*	1		1910	231	2322.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	7.	*	1		1915	232	2220.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	10.	*	1		1920	233	2125.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	13.	*	1		1925	234	2034.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	17.	*	1		1930	235	1949.	*	2		1415	460	0.	*	3		0900	685	0.

1	0050	11	20.	*	1	1935	236	1868.	*	2	1420	461	0.	*	3	0905	686	0.
1	0055	12	23.	*	1	1940	237	1794.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	26.	*	1	1945	238	1724.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	29.	*	1	1950	239	1660.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	32.	*	1	1955	240	1599.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	34.	*	1	2000	241	1542.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	35.	*	1	2005	242	1488.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	37.	*	1	2010	243	1438.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	38.	*	1	2015	244	1390.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	43.	*	1	2020	245	1345.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	50.	*	1	2025	246	1304.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	56.	*	1	2030	247	1265.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	63.	*	1	2035	248	1228.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	70.	*	1	2040	249	1193.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	77.	*	1	2045	250	1158.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	84.	*	1	2050	251	1125.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	91.	*	1	2055	252	1094.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	99.	*	1	2100	253	1065.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	106.	*	1	2105	254	1038.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	113.	*	1	2110	255	1012.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	120.	*	1	2115	256	987.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	127.	*	1	2120	257	963.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	134.	*	1	2125	258	942.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	141.	*	1	2130	259	921.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	148.	*	1	2135	260	902.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	156.	*	1	2140	261	882.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	163.	*	1	2145	262	863.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	170.	*	1	2150	263	844.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	176.	*	1	2155	264	826.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	183.	*	1	2200	265	809.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	189.	*	1	2205	266	793.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	196.	*	1	2210	267	778.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	202.	*	1	2215	268	764.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	208.	*	1	2220	269	751.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	214.	*	1	2225	270	738.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	219.	*	1	2230	271	724.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	225.	*	1	2235	272	711.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	230.	*	1	2240	273	699.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	235.	*	1	2245	274	687.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	240.	*	1	2250	275	676.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	246.	*	1	2255	276	665.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	252.	*	1	2300	277	654.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	258.	*	1	2305	278	643.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	265.	*	1	2310	279	632.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	271.	*	1	2315	280	621.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	278.	*	1	2320	281	610.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	284.	*	1	2325	282	600.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	290.	*	1	2330	283	590.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	296.	*	1	2335	284	581.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	302.	*	1	2340	285	572.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	308.	*	1	2345	286	563.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	314.	*	1	2350	287	555.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	320.	*	1	2355	288	546.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	325.	*	2	0000	289	538.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	330.	*	2	0005	290	530.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	335.	*	2	0010	291	522.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	340.	*	2	0015	292	513.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	346.	*	2	0020	293	503.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	351.	*	2	0025	294	493.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	356.	*	2	0030	295	483.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	361.	*	2	0035	296	472.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	366.	*	2	0040	297	461.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	371.	*	2	0045	298	449.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	376.	*	2	0050	299	437.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	382.	*	2	0055	300	425.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	387.	*	2	0100	301	413.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	393.	*	2	0105	302	400.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	398.	*	2	0110	303	387.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	403.	*	2	0115	304	374.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	409.	*	2	0120	305	361.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	414.	*	2	0125	306	348.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	420.	*	2	0130	307	334.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	426.	*	2	0135	308	320.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	431.	*	2	0140	309	307.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	437.	*	2	0145	310	293.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	442.	*	2	0150	311	280.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	448.	*	2	0155	312	267.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	454.	*	2	0200	313	254.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	461.	*	2	0205	314	241.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	468.	*	2	0210	315	229.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	475.	*	2	0215	316	217.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	482.	*	2	0220	317	205.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	490.	*	2	0225	318	195.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	498.	*	2	0230	319	184.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	506.	*	2	0235	320	175.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	515.	*	2	0240	321	166.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	523.	*	2	0245	322	157.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	532.	*	2	0250	323	149.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	541.	*	2	0255	324	141.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	551.	*	2	0300	325	134.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	562.	*	2	0305	326	127.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	573.	*	2	0310	327	120.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	584.	*	2	0315	328	114.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	595.	*	2	0320	329	108.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	606.	*	2	0325	330	102.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	618.	*	2	0330	331	97.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	629.	*	2	0335	332	92.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	641.	*	2	0340	333	87.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	654.	*	2	0345	334	83.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	667.	*	2	0350	335	78.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	681.	*	2	0355	336	74.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	695.	*	2	0400	337	70.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	709.	*	2	0405	338	66.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	723.	*	2	0410	339	62.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	738.	*	2	0415	340	59.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	754.	*	2	0420	341	56.	*	2	2305	566	0.	*	3	1750	791	0.

1	0940	117	769.	*	2	0425	342	53.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	785.	*	2	0430	343	50.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	801.	*	2	0435	344	47.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	817.	*	2	0440	345	45.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	834.	*	2	0445	346	42.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	851.	*	2	0450	347	40.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	868.	*	2	0455	348	38.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	886.	*	2	0500	349	36.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	905.	*	2	0505	350	34.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	924.	*	2	0510	351	33.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	944.	*	2	0515	352	31.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	966.	*	2	0520	353	30.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	989.	*	2	0525	354	28.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1013.	*	2	0530	355	27.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1039.	*	2	0535	356	25.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1067.	*	2	0540	357	24.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1096.	*	2	0545	358	23.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1130.	*	2	0550	359	22.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1166.	*	2	0555	360	20.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1207.	*	2	0600	361	19.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1255.	*	2	0605	362	18.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1311.	*	2	0610	363	17.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1377.	*	2	0615	364	16.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1593.	*	2	0620	365	15.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1847.	*	2	0625	366	14.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2310.	*	2	0630	367	13.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	3097.	*	2	0635	368	12.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	4178.	*	2	0640	369	11.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	5654.	*	2	0645	370	10.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	7711.	*	2	0650	371	9.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	10749.	*	2	0655	372	8.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	15146.	*	2	0700	373	7.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	19366.	*	2	0705	374	6.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	24019.	*	2	0710	375	5.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	28559.	*	2	0715	376	4.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	32460.	*	2	0720	377	3.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	35739.	*	2	0725	378	2.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	38184.	*	2	0730	379	1.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	39783.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	40560.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	40971.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	41184.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	41232.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	41180.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	41018.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	40757.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	40380.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	39873.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	39260.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	38531.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	37748.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	36962.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	36194.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	35327.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	34309.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	33216.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	32109.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	30979.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	29798.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	28585.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	27390.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	26177.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24977.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23769.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22605.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21517.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20453.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19451.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18487.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17575.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16709.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	15887.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15124.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14384.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	13691.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13038.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12418.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11843.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11302.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10769.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10252.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9758.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9292.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8855.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8439.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8040.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7640.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7281.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6952.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6645.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6355.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6081.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5820.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5576.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5343.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5118.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4892.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4662.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4430.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4225.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4062.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3980.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3876.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3757.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3625.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3488.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.

1	1830	223	3349.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3210.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3070.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 41232.	13.17	(CFS)	21260.	5971.	1995.	1918.
		(INCHES)	1.606	1.804	1.809	1.809
		(AC-FT)	10542.	11843.	11873.	11873.

CUMULATIVE AREA = 123.07 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	2731.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	2604.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	1.	*	1		1855	228	2483.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2369.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	3.	*	1		1905	230	2262.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	4.	*	1		1910	231	2162.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	7.	*	1		1915	232	2068.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	10.	*	1		1920	233	1981.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	13.	*	1		1925	234	1898.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	16.	*	1		1930	235	1819.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	19.	*	1		1935	236	1745.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	22.	*	1		1940	237	1676.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	25.	*	1		1945	238	1613.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	27.	*	1		1950	239	1553.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	30.	*	1		1955	240	1497.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	32.	*	1		2000	241	1445.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	33.	*	1		2005	242	1395.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	35.	*	1		2010	243	1348.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	35.	*	1		2015	244	1304.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	39.	*	1		2020	245	1262.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	44.	*	1		2025	246	1223.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	50.	*	1		2030	247	1186.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	57.	*	1		2035	248	1152.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	63.	*	1		2040	249	1118.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	70.	*	1		2045	250	1086.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	76.	*	1		2050	251	1054.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	83.	*	1		2055	252	1025.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	90.	*	1		2100	253	997.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	96.	*	1		2105	254	972.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	103.	*	1		2110	255	947.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	109.	*	1		2115	256	924.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	116.	*	1		2120	257	902.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	123.	*	1		2125	258	882.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	129.	*	1		2130	259	863.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	136.	*	1		2135	260	845.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	142.	*	1		2140	261	827.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	149.	*	1		2145	262	809.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	155.	*	1		2150	263	791.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	162.	*	1		2155	264	775.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	167.	*	1		2200	265	759.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	173.	*	1		2205	266	744.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	178.	*	1		2210	267	730.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	184.	*	1		2215	268	717.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	190.	*	1		2220	269	704.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	195.	*	1		2225	270	692.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	200.	*	1		2230	271	679.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	205.	*	1		2235	272	667.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	210.	*	1		2240	273	655.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	215.	*	1		2245	274	644.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	220.	*	1		2250	275	634.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	225.	*	1		2255	276	623.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	230.	*	1		2300	277	612.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	236.	*	1		2305	278	602.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	242.	*	1		2310	279	591.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	248.	*	1		2315	280	581.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	254.	*	1		2320	281	571.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	259.	*	1		2325	282	561.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	264.	*	1		2330	283	552.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	269.	*	1		2335	284	543.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	275.	*	1		2340	285	534.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	280.	*	1		2345	286	526.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	286.	*	1		2350	287	518.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	291.	*	1		2355	288	510.	*	2		1840	513	0.	*	3		1325	738	0.
1		0515	64	296.	*	2		0000	289	502.	*	2		1845	514	0.	*	3		1330	739	0.
1		0520	65	300.	*	2		0005	290	494.	*	2		1850	515	0.	*	3		1335	740	0.
1		0525	66	305.	*	2		0010	291	486.	*	2		1855	516	0.	*	3		1340	741	0.
1		0530	67	310.	*	2		0015	292	478.	*	2		1900	517	0.	*	3		1345	742	0.
1		0535	68	315.	*	2		0020	293	469.	*	2		1905	518	0.	*	3		1350	743	0.
1		0540	69	320.	*	2		0025	294	460.	*	2		1910	519	0.	*	3		1355	744	0.
1		0545	70	325.	*	2		0030	295	450.	*	2		1915	520	0.	*	3		1400	745	0.
1		0550	71	330.	*	2		0035	296	440.	*	2		1920	521	0.	*	3		1405	746	0.
1		0555	72	335.	*	2		0040	297	430.	*	2		1925	522	0.	*	3		1410	747	0.
1		0600	73	340.	*	2		0045	298	419.	*	2		1930	523	0.	*	3		1415	748	0.
1		0605	74	345.	*	2		0050	299	408.	*	2		1935	524	0.	*	3		1420	749	0.
1		0610	75	350.	*	2		0055	300	396.	*	2		1940	525	0.	*	3		1425	750	0.
1		0615	76	355.	*	2		0100	301	385.	*	2		1945	526	0.	*	3		1430	751	0.
1		0620	77	361.	*	2		0105	302	373.	*	2		1950	527	0.	*	3		1435	752	0.
1		0625	78	366.	*	2		0110	303	361.	*	2		1955	528	0.	*	3		1440	753	0.
1		0630	79	371.	*	2		0115	304	348.	*	2		2000	529	0.	*	3		1445	754	0.
1		0635	80	375.	*	2		0120	305	336.	*	2		2005	530	0.	*	3		1450	755	0.

1	0640	81	381.	*	2	0125	306	323.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	386.	*	2	0130	307	310.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	391.	*	2	0135	308	297.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	397.	*	2	0140	309	284.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	402.	*	2	0145	310	272.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	407.	*	2	0150	311	259.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	412.	*	2	0155	312	247.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	418.	*	2	0200	313	234.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	424.	*	2	0205	314	222.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	430.	*	2	0210	315	211.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	437.	*	2	0215	316	200.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	444.	*	2	0220	317	190.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	451.	*	2	0225	318	180.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	458.	*	2	0230	319	170.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	466.	*	2	0235	320	161.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	473.	*	2	0240	321	153.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	481.	*	2	0245	322	145.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	489.	*	2	0250	323	137.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	498.	*	2	0255	324	130.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	507.	*	2	0300	325	123.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	517.	*	2	0305	326	116.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	527.	*	2	0310	327	110.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	537.	*	2	0315	328	104.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	548.	*	2	0320	329	98.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	558.	*	2	0325	330	93.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	569.	*	2	0330	331	88.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	580.	*	2	0335	332	83.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	591.	*	2	0340	333	79.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	603.	*	2	0345	334	74.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	615.	*	2	0350	335	70.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	627.	*	2	0355	336	66.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	639.	*	2	0400	337	62.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	652.	*	2	0405	338	59.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	665.	*	2	0410	339	56.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	679.	*	2	0415	340	52.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	694.	*	2	0420	341	50.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	708.	*	2	0425	342	47.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	723.	*	2	0430	343	44.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	739.	*	2	0435	344	42.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	755.	*	2	0440	345	40.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	771.	*	2	0445	346	38.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	787.	*	2	0450	347	36.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	804.	*	2	0455	348	34.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	821.	*	2	0500	349	32.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	839.	*	2	0505	350	31.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	857.	*	2	0510	351	29.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	877.	*	2	0515	352	28.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	898.	*	2	0520	353	26.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	919.	*	2	0525	354	25.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	942.	*	2	0530	355	24.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	967.	*	2	0535	356	23.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	993.	*	2	0540	357	21.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1021.	*	2	0545	358	20.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1053.	*	2	0550	359	19.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1085.	*	2	0555	360	18.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1121.	*	2	0600	361	17.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1161.	*	2	0605	362	16.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1208.	*	2	0610	363	15.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1261.	*	2	0615	364	14.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1452.	*	2	0620	365	13.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1681.	*	2	0625	366	12.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2106.	*	2	0630	367	11.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2832.	*	2	0635	368	10.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3832.	*	2	0640	369	9.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	5162.	*	2	0645	370	8.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	7009.	*	2	0650	371	7.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	9314.	*	2	0655	372	6.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	13627.	*	2	0700	373	5.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	17548.	*	2	0705	374	4.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	21756.	*	2	0710	375	3.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	25941.	*	2	0715	376	2.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	29557.	*	2	0720	377	1.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	32594.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	34886.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	36390.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	37182.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	37458.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	37412.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	37269.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	37078.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	36834.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	36553.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	36207.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	35778.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	35249.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	34621.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33942.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	33221.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	32474.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	31689.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	30860.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	30016.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	29131.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	28227.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	27289.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	26284.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	25242.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	24169.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	23099.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	22049.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	21058.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	20080.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	19133.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	18205.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	17330.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	16488.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.

1	1530	187	15693.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14930.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	14206.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13534.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12893.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	12282.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11722.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	11180.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10649.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	10134.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9642.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	9178.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8740.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8322.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7913.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7518.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7162.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6835.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6531.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6246.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5976.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5721.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5478.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5247.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5022.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4798.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4566.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4344.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4149.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4023.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3931.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3822.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3697.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3562.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3420.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3278.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3137.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2999.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2863.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
37458.	13.00	(CFS)	19444.	5472.	1829.	1757.
		(INCHES)	1.469	1.653	1.658	1.658
		(AC-FT)	9642.	10853.	10880.	10880.

CUMULATIVE AREA = 123.07 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 130.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2653.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2529.	2		1335	452	0.	3		0820	677	0.
1		0010	3	1.	1		1855	228	2411.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2301.	2		1345	454	0.	3		0830	679	0.
1		0020	5	3.	1		1905	230	2197.	2		1350	455	0.	3		0835	680	0.
1		0025	6	4.	1		1910	231	2100.	2		1355	456	0.	3		0840	681	0.
1		0030	7	6.	1		1915	232	2010.	2		1400	457	0.	3		0845	682	0.
1		0035	8	9.	1		1920	233	1926.	2		1405	458	0.	3		0850	683	0.
1		0040	9	12.	1		1925	234	1845.	2		1410	459	0.	3		0855	684	0.
1		0045	10	15.	1		1930	235	1769.	2		1415	460	0.	3		0900	685	0.
1		0050	11	18.	1		1935	236	1698.	2		1420	461	0.	3		0905	686	0.
1		0055	12	21.	1		1940	237	1631.	2		1425	462	0.	3		0910	687	0.
1		0100	13	24.	1		1945	238	1570.	2		1430	463	0.	3		0915	688	0.
1		0105	14	27.	1		1950	239	1512.	2		1435	464	0.	3		0920	689	0.
1		0110	15	29.	1		1955	240	1458.	2		1440	465	0.	3		0925	690	0.
1		0115	16	31.	1		2000	241	1407.	2		1445	466	0.	3		0930	691	0.
1		0120	17	33.	1		2005	242	1359.	2		1450	467	0.	3		0935	692	0.
1		0125	18	34.	1		2010	243	1313.	2		1455	468	0.	3		0940	693	0.
1		0130	19	34.	1		2015	244	1270.	2		1500	469	0.	3		0945	694	0.
1		0135	20	37.	1		2020	245	1229.	2		1505	470	0.	3		0950	695	0.
1		0140	21	42.	1		2025	246	1191.	2		1510	471	0.	3		0955	696	0.
1		0145	22	48.	1		2030	247	1155.	2		1515	472	0.	3		1000	697	0.
1		0150	23	54.	1		2035	248	1122.	2		1520	473	0.	3		1005	698	0.
1		0155	24	60.	1		2040	249	1089.	2		1525	474	0.	3		1010	699	0.
1		0200	25	67.	1		2045	250	1057.	2		1530	475	0.	3		1015	700	0.
1		0205	26	73.	1		2050	251	1026.	2		1535	476	0.	3		1020	701	0.
1		0210	27	79.	1		2055	252	998.	2		1540	477	0.	3		1025	702	0.
1		0215	28	86.	1		2100	253	971.	2		1545	478	0.	3		1030	703	0.
1		0220	29	92.	1		2105	254	946.	2		1550	479	0.	3		1035	704	0.
1		0225	30	99.	1		2110	255	922.	2		1555	480	0.	3		1040	705	0.
1		0230	31	105.	1		2115	256	899.	2		1600	481	0.	3		1045	706	0.
1		0235	32	112.	1		2120	257	878.	2		1605	482	0.	3		1050	707	0.
1		0240	33	118.	1		2125	258	859.	2		1610	483	0.	3		1055	708	0.
1		0245	34	124.	1		2130	259	840.	2		1615	484	0.	3		1100	709	0.
1		0250	35	130.	1		2135	260	823.	2		1620	485	0.	3		1105	710	0.
1		0255	36	137.	1		2140	261	805.	2		1625	486	0.	3		1110	711	0.
1		0300	37	143.	1		2145	262	788.	2		1630	487	0.	3		1115	712	0.
1		0305	38	150.	1		2150	263	771.	2		1635	488	0.	3		1120	713	0.
1		0310	39	156.	1		2155	264	754.	2		1640	489	0.	3		1125	714	0.
1		0315	40	161.	1		2200	265	739.	2		1645	490	0.	3		1130	715	0.
1		0320	41	166.	1		2205	266	724.	2		1650	491	0.	3		1135	716	0.
1		0325	42	172.	1		2210	267	710.	2		1655	492	0.	3		1140	717	0.
1		0330	43	177.	1		2215	268	698.	2		1700	493	0.	3		1145	718	0.
1		0335	44	182.	1		2220	269	686.	2		1705	494	0.	3		1150	719	0.

1	0340	45	187.	*	1	2225	270	673.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	192.	*	1	2230	271	661.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	197.	*	1	2235	272	649.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	202.	*	1	2240	273	638.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	206.	*	1	2245	274	627.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	211.	*	1	2250	275	616.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	216.	*	1	2255	276	606.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	222.	*	1	2300	277	596.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	227.	*	1	2305	278	585.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	233.	*	1	2310	279	575.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	239.	*	1	2315	280	565.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	244.	*	1	2320	281	555.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	249.	*	1	2325	282	545.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	254.	*	1	2330	283	536.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	259.	*	1	2335	284	528.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	264.	*	1	2340	285	519.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	269.	*	1	2345	286	511.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	275.	*	1	2350	287	503.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	279.	*	1	2355	288	495.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	284.	*	2	0000	289	488.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	288.	*	2	0005	290	480.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	293.	*	2	0010	291	472.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	298.	*	2	0015	292	464.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	303.	*	2	0020	293	456.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	308.	*	2	0025	294	447.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	313.	*	2	0030	295	437.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	317.	*	2	0035	296	427.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	322.	*	2	0040	297	417.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	327.	*	2	0045	298	407.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	332.	*	2	0050	299	396.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	337.	*	2	0055	300	385.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	342.	*	2	0100	301	373.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	347.	*	2	0105	302	362.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	352.	*	2	0110	303	350.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	357.	*	2	0115	304	338.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	362.	*	2	0120	305	325.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	367.	*	2	0125	306	313.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	372.	*	2	0130	307	300.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	378.	*	2	0135	308	288.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	382.	*	2	0140	309	275.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	387.	*	2	0145	310	263.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	392.	*	2	0150	311	250.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	398.	*	2	0155	312	238.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	403.	*	2	0200	313	226.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	409.	*	2	0205	314	215.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	415.	*	2	0210	315	204.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	421.	*	2	0215	316	193.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	428.	*	2	0220	317	183.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	435.	*	2	0225	318	174.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	442.	*	2	0230	319	165.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	449.	*	2	0235	320	156.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	457.	*	2	0240	321	147.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	464.	*	2	0245	322	140.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	472.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	480.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	489.	*	2	0300	325	118.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	499.	*	2	0305	326	112.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	509.	*	2	0310	327	106.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	518.	*	2	0315	328	100.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	529.	*	2	0320	329	94.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	539.	*	2	0325	330	89.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	549.	*	2	0330	331	84.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	560.	*	2	0335	332	80.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	571.	*	2	0340	333	75.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	582.	*	2	0345	334	71.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	594.	*	2	0350	335	67.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	605.	*	2	0355	336	63.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	617.	*	2	0400	337	59.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	630.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	642.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	655.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	669.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	684.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	698.	*	2	0430	343	42.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	713.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	729.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	744.	*	2	0445	346	36.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	761.	*	2	0450	347	34.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	777.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	794.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	812.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	830.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	849.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	870.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	891.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	913.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	937.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	963.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	991.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1021.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1052.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1086.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1124.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1167.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1216.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1398.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1616.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2024.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2726.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3693.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4979.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6746.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	8852.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12926.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16806.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	20830.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.

1	1230	151	24879.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	28354.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	31332.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33517.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	34988.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	35735.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	35961.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	35877.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	35700.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35480.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35214.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	34908.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	34543.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34104.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	33603.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	33020.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	32394.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	31723.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31017.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	30282.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29518.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28757.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27984.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27161.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	26276.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25341.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24348.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23337.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22338.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21378.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20427.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19510.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18592.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17709.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16865.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	16053.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15288.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14542.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13849.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13197.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12575.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11989.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11448.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10911.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10387.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9883.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9404.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8952.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8522.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8112.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7697.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7321.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6979.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6663.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6369.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6092.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5830.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5582.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5345.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5117.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4893.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4666.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4435.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4227.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4057.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3973.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3870.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3752.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3621.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3481.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3337.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3193.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3053.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2916.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2783.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 35961.	13.00	(CFS)	18716.	5272.	1762.	1693.
		(INCHES)	1.414	1.593	1.597	1.597
		(AC-FT)	9280.	10457.	10483.	10483.

CUMULATIVE AREA = 123.07 SQ MI

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HYDROGRAPH AT C400
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2653.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2529.	2		1335	452	0.	3		0820	677	0.
1		0010	3	1.	1		1855	228	2411.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2301.	2		1345	454	0.	3		0830	679	0.
1		0020	5	3.	1		1905	230	2197.	2		1350	455	0.	3		0835	680	0.
1		0025	6	4.	1		1910	231	2100.	2		1355	456	0.	3		0840	681	0.
1		0030	7	6.	1		1915	232	2010.	2		1400	457	0.	3		0845	682	0.
1		0035	8	9.	1		1920	233	1926.	2		1405	458	0.	3		0850	683	0.

1	0040	9	12.	*	1	1925	234	1845.	*	2	1410	459	0.	*	3	0855	684	0.
1	0045	10	15.	*	1	1930	235	1769.	*	2	1415	460	0.	*	3	0900	685	0.
1	0050	11	18.	*	1	1935	236	1698.	*	2	1420	461	0.	*	3	0905	686	0.
1	0055	12	21.	*	1	1940	237	1631.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	24.	*	1	1945	238	1570.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	27.	*	1	1950	239	1512.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	29.	*	1	1955	240	1458.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	31.	*	1	2000	241	1407.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	33.	*	1	2005	242	1359.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	34.	*	1	2010	243	1313.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	34.	*	1	2015	244	1270.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	37.	*	1	2020	245	1229.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	42.	*	1	2025	246	1191.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	48.	*	1	2030	247	1155.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	54.	*	1	2035	248	1122.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	60.	*	1	2040	249	1089.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	67.	*	1	2045	250	1057.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	73.	*	1	2050	251	1026.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	79.	*	1	2055	252	998.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	86.	*	1	2100	253	971.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	92.	*	1	2105	254	946.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	99.	*	1	2110	255	922.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	105.	*	1	2115	256	899.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	112.	*	1	2120	257	878.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	118.	*	1	2125	258	859.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	124.	*	1	2130	259	840.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	130.	*	1	2135	260	823.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	137.	*	1	2140	261	805.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	143.	*	1	2145	262	788.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	150.	*	1	2150	263	771.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	156.	*	1	2155	264	754.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	161.	*	1	2200	265	739.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	166.	*	1	2205	266	724.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	172.	*	1	2210	267	710.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	177.	*	1	2215	268	698.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	182.	*	1	2220	269	686.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	187.	*	1	2225	270	673.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	192.	*	1	2230	271	661.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	197.	*	1	2235	272	649.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	202.	*	1	2240	273	638.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	206.	*	1	2245	274	627.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	211.	*	1	2250	275	616.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	216.	*	1	2255	276	606.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	222.	*	1	2300	277	596.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	227.	*	1	2305	278	585.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	233.	*	1	2310	279	575.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	239.	*	1	2315	280	565.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	244.	*	1	2320	281	555.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	249.	*	1	2325	282	545.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	254.	*	1	2330	283	536.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	259.	*	1	2335	284	528.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	264.	*	1	2340	285	519.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	269.	*	1	2345	286	511.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	275.	*	1	2350	287	503.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	279.	*	1	2355	288	495.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	284.	*	2	0000	289	488.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	288.	*	2	0005	290	480.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	293.	*	2	0010	291	472.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	298.	*	2	0015	292	464.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	303.	*	2	0020	293	456.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	308.	*	2	0025	294	447.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	313.	*	2	0030	295	437.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	317.	*	2	0035	296	427.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	322.	*	2	0040	297	417.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	327.	*	2	0045	298	407.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	332.	*	2	0050	299	396.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	337.	*	2	0055	300	385.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	342.	*	2	0100	301	373.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	347.	*	2	0105	302	362.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	352.	*	2	0110	303	350.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	357.	*	2	0115	304	338.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	362.	*	2	0120	305	325.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	367.	*	2	0125	306	313.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	372.	*	2	0130	307	300.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	378.	*	2	0135	308	288.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	382.	*	2	0140	309	275.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	387.	*	2	0145	310	263.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	392.	*	2	0150	311	250.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	398.	*	2	0155	312	238.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	403.	*	2	0200	313	226.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	409.	*	2	0205	314	215.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	415.	*	2	0210	315	204.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	421.	*	2	0215	316	193.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	428.	*	2	0220	317	183.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	435.	*	2	0225	318	174.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	442.	*	2	0230	319	165.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	449.	*	2	0235	320	156.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	457.	*	2	0240	321	147.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	464.	*	2	0245	322	140.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	472.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	480.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	489.	*	2	0300	325	118.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	499.	*	2	0305	326	112.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	509.	*	2	0310	327	106.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	518.	*	2	0315	328	100.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	529.	*	2	0320	329	94.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	539.	*	2	0325	330	89.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	549.	*	2	0330	331	84.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	560.	*	2	0335	332	80.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	571.	*	2	0340	333	75.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	582.	*	2	0345	334	71.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	594.	*	2	0350	335	67.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	605.	*	2	0355	336	63.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	617.	*	2	0400	337	59.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	630.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	642.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.

1	0930	115	655.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	669.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	684.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	698.	*	2	0430	343	42.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	713.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	729.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	744.	*	2	0445	346	36.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	761.	*	2	0450	347	34.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	777.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	794.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	812.	*	2	0505	350	29.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	830.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	849.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	870.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	891.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	913.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	937.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	963.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	991.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1021.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1052.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1086.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1124.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1167.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1216.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1398.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1616.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2024.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2726.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3693.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4979.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6746.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	8852.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12926.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16806.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	20830.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	24879.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	28354.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	31332.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33517.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	34988.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	35735.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	35961.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	35877.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	35700.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35480.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35214.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	34908.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	34543.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34104.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	33603.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	33020.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	32394.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	31723.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31017.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	30282.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29518.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28757.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	27984.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27161.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	26276.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25341.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24348.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23337.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22338.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21378.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20427.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19510.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18592.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17709.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16865.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	16053.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15288.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14542.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13849.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13197.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12575.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	11989.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11448.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10911.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10387.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9883.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9404.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8952.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8522.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8112.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7697.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7321.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6979.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6663.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6369.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6092.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5830.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5582.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5345.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5117.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4893.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4666.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4435.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4227.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4057.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3973.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3870.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3752.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3621.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3481.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.

1	1820	221	3337.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3193.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3053.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2916.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2783.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 35961.	13.00	(CFS) 18716.	5272.	1762.	1693.
		(INCHES) 1.414	1.593	1.597	1.597
		(AC-FT) 9280.	10457.	10483.	10483.

CUMULATIVE AREA = 123.07 SQ MI

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INTERPOLATED HYDROGRAPH AT C400

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	2660.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2536.	2		1335	452	0.	3		0820	677	0.
1		0010	3	1.	1		1855	228	2418.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2307.	2		1345	454	0.	3		0830	679	0.
1		0020	5	3.	1		1905	230	2203.	2		1350	455	0.	3		0835	680	0.
1		0025	6	4.	1		1910	231	2106.	2		1355	456	0.	3		0840	681	0.
1		0030	7	6.	1		1915	232	2015.	2		1400	457	0.	3		0845	682	0.
1		0035	8	9.	1		1920	233	1931.	2		1405	458	0.	3		0850	683	0.
1		0040	9	12.	1		1925	234	1850.	2		1410	459	0.	3		0855	684	0.
1		0045	10	15.	1		1930	235	1774.	2		1415	460	0.	3		0900	685	0.
1		0050	11	18.	1		1935	236	1702.	2		1420	461	0.	3		0905	686	0.
1		0055	12	21.	1		1940	237	1635.	2		1425	462	0.	3		0910	687	0.
1		0100	13	24.	1		1945	238	1574.	2		1430	463	0.	3		0915	688	0.
1		0105	14	27.	1		1950	239	1516.	2		1435	464	0.	3		0920	689	0.
1		0110	15	29.	1		1955	240	1461.	2		1440	465	0.	3		0925	690	0.
1		0115	16	31.	1		2000	241	1410.	2		1445	466	0.	3		0930	691	0.
1		0120	17	33.	1		2005	242	1362.	2		1450	467	0.	3		0935	692	0.
1		0125	18	34.	1		2010	243	1317.	2		1455	468	0.	3		0940	693	0.
1		0130	19	35.	1		2015	244	1273.	2		1500	469	0.	3		0945	694	0.
1		0135	20	37.	1		2020	245	1232.	2		1505	470	0.	3		0950	695	0.
1		0140	21	42.	1		2025	246	1194.	2		1510	471	0.	3		0955	696	0.
1		0145	22	48.	1		2030	247	1158.	2		1515	472	0.	3		1000	697	0.
1		0150	23	54.	1		2035	248	1124.	2		1520	473	0.	3		1005	698	0.
1		0155	24	61.	1		2040	249	1091.	2		1525	474	0.	3		1010	699	0.
1		0200	25	67.	1		2045	250	1060.	2		1530	475	0.	3		1015	700	0.
1		0205	26	73.	1		2050	251	1029.	2		1535	476	0.	3		1020	701	0.
1		0210	27	80.	1		2055	252	1000.	2		1540	477	0.	3		1025	702	0.
1		0215	28	86.	1		2100	253	973.	2		1545	478	0.	3		1030	703	0.
1		0220	29	93.	1		2105	254	948.	2		1550	479	0.	3		1035	704	0.
1		0225	30	99.	1		2110	255	924.	2		1555	480	0.	3		1040	705	0.
1		0230	31	106.	1		2115	256	901.	2		1600	481	0.	3		1045	706	0.
1		0235	32	112.	1		2120	257	880.	2		1605	482	0.	3		1050	707	0.
1		0240	33	118.	1		2125	258	861.	2		1610	483	0.	3		1055	708	0.
1		0245	34	125.	1		2130	259	842.	2		1615	484	0.	3		1100	709	0.
1		0250	35	131.	1		2135	260	825.	2		1620	485	0.	3		1105	710	0.
1		0255	36	137.	1		2140	261	807.	2		1625	486	0.	3		1110	711	0.
1		0300	37	144.	1		2145	262	790.	2		1630	487	0.	3		1115	712	0.
1		0305	38	150.	1		2150	263	772.	2		1635	488	0.	3		1120	713	0.
1		0310	39	156.	1		2155	264	756.	2		1640	489	0.	3		1125	714	0.
1		0315	40	162.	1		2200	265	741.	2		1645	490	0.	3		1130	715	0.
1		0320	41	167.	1		2205	266	726.	2		1650	491	0.	3		1135	716	0.
1		0325	42	172.	1		2210	267	712.	2		1655	492	0.	3		1140	717	0.
1		0330	43	178.	1		2215	268	699.	2		1700	493	0.	3		1145	718	0.
1		0335	44	183.	1		2220	269	687.	2		1705	494	0.	3		1150	719	0.
1		0340	45	188.	1		2225	270	675.	2		1710	495	0.	3		1155	720	0.
1		0345	46	193.	1		2230	271	663.	2		1715	496	0.	3		1200	721	0.
1		0350	47	198.	1		2235	272	650.	2		1720	497	0.	3		1205	722	0.
1		0355	48	202.	1		2240	273	639.	2		1725	498	0.	3		1210	723	0.
1		0400	49	207.	1		2245	274	628.	2		1730	499	0.	3		1215	724	0.
1		0405	50	212.	1		2250	275	618.	2		1735	500	0.	3		1220	725	0.
1		0410	51	217.	1		2255	276	607.	2		1740	501	0.	3		1225	726	0.
1		0415	52	223.	1		2300	277	597.	2		1745	502	0.	3		1230	727	0.
1		0420	53	228.	1		2305	278	587.	2		1750	503	0.	3		1235	728	0.
1		0425	54	234.	1		2310	279	576.	2		1755	504	0.	3		1240	729	0.
1		0430	55	239.	1		2315	280	566.	2		1800	505	0.	3		1245	730	0.
1		0435	56	245.	1		2320	281	556.	2		1805	506	0.	3		1250	731	0.
1		0440	57	250.	1		2325	282	547.	2		1810	507	0.	3		1255	732	0.
1		0445	58	255.	1		2330	283	537.	2		1815	508	0.	3		1300	733	0.
1		0450	59	260.	1		2335	284	529.	2		1820	509	0.	3		1305	734	0.
1		0455	60	265.	1		2340	285	520.	2		1825	510	0.	3		1310	735	0.
1		0500	61	270.	1		2345	286	512.	2		1830	511	0.	3		1315	736	0.
1		0505	62	276.	1		2350	287	504.	2		1835	512	0.	3		1320	737	0.
1		0510	63	280.	1		2355	288	496.	2		1840	513	0.	3		1325	738	0.
1		0515	64	285.	2		0000	289	489.	2		1845	514	0.	3		1330	739	0.
1		0520	65	289.	2		0005	290	481.	2		1850	515	0.	3		1335	740	0.
1		0525	66	294.	2		0010	291	473.	2		1855	516	0.	3		1340	741	0.
1		0530	67	299.	2		0015	292	465.	2		1900	517	0.	3		1345	742	0.
1		0535	68	304.	2		0020	293	457.	2		1905	518	0.	3		1350	743	0.
1		0540	69	309.	2		0025	294	448.	2		1910	519	0.	3		1355	744	0.
1		0545	70	314.	2		0030	295	439.	2		1915	520	0.	3		1400	745	0.
1		0550	71	318.	2		0035	296	428.	2		1920	521	0.	3		1405	746	0.
1		0555	72	323.	2		0040	297	418.	2		1925	522	0.	3		1410	747	0.
1		0600	73	328.	2		0045	298	408.	2		1930	523	0.	3		1415	748	0.
1		0605	74	333.	2		0050	299	397.	2		1935	524	0.	3		1420	749	0.
1		0610	75	338.	2		0055	300	386.	2		1940	525	0.	3		1425	750	0.
1		0615	76	343.	2		0100	301	374.	2		1945	526	0.	3		1430	751	0.
1		0620	77	349.	2		0105	302	363.	2		1950	527	0.	3		1435	752	0.
1		0625	78	353.	2		0110	303	351.	2		1955	528	0.	3		1440	753	0.
1		0630	79	358.	2		0115	304	339.	2		2000	529	0.	3		1445	754	0.

1	0635	80	363.	*	2	0120	305	326.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	368.	*	2	0125	306	314.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	373.	*	2	0130	307	301.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	379.	*	2	0135	308	289.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	384.	*	2	0140	309	276.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	389.	*	2	0145	310	264.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	394.	*	2	0150	311	251.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	399.	*	2	0155	312	239.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	405.	*	2	0200	313	227.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	411.	*	2	0205	314	216.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	417.	*	2	0210	315	205.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	423.	*	2	0215	316	194.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	429.	*	2	0220	317	184.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	436.	*	2	0225	318	174.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	443.	*	2	0230	319	165.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	451.	*	2	0235	320	156.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	458.	*	2	0240	321	148.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	466.	*	2	0245	322	140.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	474.	*	2	0250	323	132.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	482.	*	2	0255	324	125.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	491.	*	2	0300	325	119.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	500.	*	2	0305	326	112.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	510.	*	2	0310	327	106.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	520.	*	2	0315	328	100.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	530.	*	2	0320	329	95.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	541.	*	2	0325	330	90.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	551.	*	2	0330	331	85.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	561.	*	2	0335	332	80.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	572.	*	2	0340	333	75.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	584.	*	2	0345	334	71.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	596.	*	2	0350	335	67.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	607.	*	2	0355	336	63.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	619.	*	2	0400	337	60.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	631.	*	2	0405	338	56.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	644.	*	2	0410	339	53.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	658.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	672.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	686.	*	2	0425	342	45.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	700.	*	2	0430	343	43.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	715.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	731.	*	2	0440	345	38.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	747.	*	2	0445	346	36.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	763.	*	2	0450	347	34.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	780.	*	2	0455	348	33.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	796.	*	2	0500	349	31.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	814.	*	2	0505	350	30.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	832.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	851.	*	2	0515	352	27.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	872.	*	2	0520	353	25.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	893.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	916.	*	2	0530	355	23.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	940.	*	2	0535	356	22.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	966.	*	2	0540	357	20.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	993.	*	2	0545	358	19.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1024.	*	2	0550	359	18.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1055.	*	2	0555	360	17.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1089.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1128.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1171.	*	2	0610	363	14.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1220.	*	2	0615	364	13.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1403.	*	2	0620	365	12.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1621.	*	2	0625	366	11.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2031.	*	2	0630	367	10.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2735.	*	2	0635	368	9.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3705.	*	2	0640	369	8.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4995.	*	2	0645	370	7.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6770.	*	2	0650	371	6.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	8893.	*	2	0655	372	5.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	12988.	*	2	0700	373	4.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	16872.	*	2	0705	374	3.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	20912.	*	2	0710	375	2.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	24973.	*	2	0715	376	1.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	28460.	*	2	0720	377	1.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	31443.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33638.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	35112.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	35863.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	36093.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	36013.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	35839.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35621.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35357.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35053.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	34690.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34252.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	33749.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	33162.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	32531.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	31856.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	31146.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	30406.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	29637.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	28868.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	28085.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	27255.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	26366.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	25424.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	24427.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	23411.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	22405.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	21437.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	20483.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	19560.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	18640.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	17753.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	16906.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.

1	1525	186	16091.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	15324.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	14576.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	13880.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	13227.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	12603.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	12015.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	11472.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	10935.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	10411.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	9905.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	9425.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	8972.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	8542.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	8130.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	7716.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	7338.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	6995.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	6679.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	6383.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	6105.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	5843.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	5594.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	5356.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5129.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	4904.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	4678.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	4447.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4237.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4066.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	3977.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	3875.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	3758.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	3627.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3488.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3344.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3201.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3060.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	2923.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	2790.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 36093.	13.00	(CFS)	18780.	5290.	1768.	1699.
		(INCHES)	1.419	1.598	1.602	1.602
		(AC-FT)	9312.	10492.	10518.	10518.

CUMULATIVE AREA = 123.07 SQ MI

956 KK

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*            *
*      C410  *
*            *
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957 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	21	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	900	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

Combine routed hydrograph from C400 w/runoff from S410 at C410.

959 HC HYDROGRAPH COMBINATION

ICOMP	2	NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT C410
TRANSPOSITION AREA .0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3708.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3580.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	3448.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	3314.	2		1345	454	0.	3		0830	679	0.
1		0020	5	2.	1		1905	230	3181.	2		1350	455	0.	3		0835	680	0.
1		0025	6	3.	1		1910	231	3049.	2		1355	456	0.	3		0840	681	0.
1		0030	7	4.	1		1915	232	2920.	2		1400	457	0.	3		0845	682	0.
1		0035	8	5.	1		1920	233	2793.	2		1405	458	0.	3		0850	683	0.
1		0040	9	6.	1		1925	234	2671.	2		1410	459	0.	3		0855	684	0.
1		0045	10	7.	1		1930	235	2554.	2		1415	460	0.	3		0900	685	0.
1		0050	11	7.	1		1935	236	2442.	2		1420	461	0.	3		0905	686	0.
1		0055	12	10.	1		1940	237	2336.	2		1425	462	0.	3		0910	687	0.
1		0100	13	13.	1		1945	238	2236.	2		1430	463	0.	3		0915	688	0.
1		0105	14	17.	1		1950	239	2142.	2		1435	464	0.	3		0920	689	0.
1		0110	15	20.	1		1955	240	2054.	2		1440	465	0.	3		0925	690	0.

1	0115	16	23.	*	1	2000	241	1971.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	26.	*	1	2005	242	1893.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	28.	*	1	2010	243	1819.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	31.	*	1	2015	244	1751.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	34.	*	1	2020	245	1687.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	38.	*	1	2025	246	1628.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	42.	*	1	2030	247	1572.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	48.	*	1	2035	248	1519.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	54.	*	1	2040	249	1470.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	61.	*	1	2045	250	1423.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	68.	*	1	2050	251	1380.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	76.	*	1	2055	252	1339.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	83.	*	1	2100	253	1300.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	91.	*	1	2105	254	1264.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	99.	*	1	2110	255	1229.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	107.	*	1	2115	256	1197.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	115.	*	1	2120	257	1166.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	123.	*	1	2125	258	1137.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	132.	*	1	2130	259	1109.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	140.	*	1	2135	260	1082.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	148.	*	1	2140	261	1056.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	156.	*	1	2145	262	1031.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	164.	*	1	2150	263	1007.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	172.	*	1	2155	264	984.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	180.	*	1	2200	265	962.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	188.	*	1	2205	266	942.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	196.	*	1	2210	267	922.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	203.	*	1	2215	268	904.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	211.	*	1	2220	269	886.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	218.	*	1	2225	270	869.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	225.	*	1	2230	271	852.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	232.	*	1	2235	272	836.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	239.	*	1	2240	273	820.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	245.	*	1	2245	274	805.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	252.	*	1	2250	275	791.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	259.	*	1	2255	276	777.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	266.	*	1	2300	277	763.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	273.	*	1	2305	278	750.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	280.	*	1	2310	279	737.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	287.	*	1	2315	280	724.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	294.	*	1	2320	281	712.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	301.	*	1	2325	282	700.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	308.	*	1	2330	283	689.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	316.	*	1	2335	284	678.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	323.	*	1	2340	285	667.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	330.	*	1	2345	286	656.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	336.	*	1	2350	287	646.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	343.	*	1	2355	288	636.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	350.	*	2	0000	289	626.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	356.	*	2	0005	290	617.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	363.	*	2	0010	291	607.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	369.	*	2	0015	292	597.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	375.	*	2	0020	293	586.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	381.	*	2	0025	294	576.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	387.	*	2	0030	295	565.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	392.	*	2	0035	296	554.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	398.	*	2	0040	297	543.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	404.	*	2	0045	298	531.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	410.	*	2	0050	299	519.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	416.	*	2	0055	300	507.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	422.	*	2	0100	301	494.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	427.	*	2	0105	302	481.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	433.	*	2	0110	303	468.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	439.	*	2	0115	304	455.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	445.	*	2	0120	305	441.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	451.	*	2	0125	306	427.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	457.	*	2	0130	307	412.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	463.	*	2	0135	308	398.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	469.	*	2	0140	309	383.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	475.	*	2	0145	310	369.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	481.	*	2	0150	311	354.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	487.	*	2	0155	312	339.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	494.	*	2	0200	313	324.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	501.	*	2	0205	314	310.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	508.	*	2	0210	315	295.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	515.	*	2	0215	316	281.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	523.	*	2	0220	317	267.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	531.	*	2	0225	318	254.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	539.	*	2	0230	319	240.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	548.	*	2	0235	320	228.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	557.	*	2	0240	321	215.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	566.	*	2	0245	322	204.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	575.	*	2	0250	323	192.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	585.	*	2	0255	324	182.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	595.	*	2	0300	325	172.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	606.	*	2	0305	326	162.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	617.	*	2	0310	327	153.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	629.	*	2	0315	328	145.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	640.	*	2	0320	329	137.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	652.	*	2	0325	330	130.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	665.	*	2	0330	331	123.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	677.	*	2	0335	332	116.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	691.	*	2	0340	333	110.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	704.	*	2	0345	334	104.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	718.	*	2	0350	335	98.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	733.	*	2	0355	336	93.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	747.	*	2	0400	337	88.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	762.	*	2	0405	338	83.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	777.	*	2	0410	339	78.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	793.	*	2	0415	340	73.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	808.	*	2	0420	341	69.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	824.	*	2	0425	342	65.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	840.	*	2	0430	343	61.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	857.	*	2	0435	344	57.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	873.	*	2	0440	345	54.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	890.	*	2	0445	346	50.	*	2	2330	571	0.	*	3	1815	796	0.

1	1005	122	908.	*	2	0450	347	47.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	926.	*	2	0455	348	44.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	944.	*	2	0500	349	41.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	963.	*	2	0505	350	38.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	982.	*	2	0510	351	35.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	1003.	*	2	0515	352	33.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	1025.	*	2	0520	353	30.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	1049.	*	2	0525	354	28.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1076.	*	2	0530	355	26.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1107.	*	2	0535	356	24.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1140.	*	2	0540	357	23.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1174.	*	2	0545	358	21.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1210.	*	2	0550	359	19.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1251.	*	2	0555	360	18.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1302.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1363.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1432.	*	2	0610	363	13.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1509.	*	2	0615	364	12.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1644.	*	2	0620	365	11.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1885.	*	2	0625	366	10.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2316.	*	2	0630	367	8.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2947.	*	2	0635	368	7.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3787.	*	2	0640	369	6.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4838.	*	2	0645	370	5.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6086.	*	2	0650	371	4.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7781.	*	2	0655	372	3.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	10127.	*	2	0700	373	2.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13900.	*	2	0705	374	1.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	18184.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	23977.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	29705.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	34269.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	37721.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	42233.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	47966.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	47323.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	48332.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	48277.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	48505.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	48458.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	48283.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	47892.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	47324.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	46608.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	45782.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	44853.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	43845.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	42739.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41919.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	41387.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	40479.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	39279.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	37950.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	36679.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	35572.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	34416.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	32689.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	30882.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	29247.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	27746.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	26330.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	24974.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	23674.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	22449.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	21326.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	20290.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	19386.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	18496.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	17577.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	16690.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	15941.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	15388.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	14766.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	14093.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	13312.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	12619.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	12010.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	11482.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	10963.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	10458.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	9975.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	9516.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	9081.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	8664.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	8273.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7933.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	7651.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	7355.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	7056.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	6762.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	6477.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	6203.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5941.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	5691.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	5449.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	5212.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4980.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4755.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4547.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4364.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	4209.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4072.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3950.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3832.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 48505.	13.25	(CFS)	24551.	6906.	2307.	2217.
		(INCHES)	1.835	2.065	2.069	2.069
		(AC-FT)	12174.	13697.	13727.	13727.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 1.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	3702.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	3573.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	3441.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	3308.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	2.	*	1		1905	230	3175.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	3.	*	1		1910	231	3043.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	4.	*	1		1915	232	2913.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	5.	*	1		1920	233	2787.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	6.	*	1		1925	234	2665.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	7.	*	1		1930	235	2548.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	7.	*	1		1935	236	2437.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	10.	*	1		1940	237	2331.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	13.	*	1		1945	238	2231.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	17.	*	1		1950	239	2137.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	20.	*	1		1955	240	2049.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	23.	*	1		2000	241	1966.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	26.	*	1		2005	242	1888.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	28.	*	1		2010	243	1815.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	31.	*	1		2015	244	1747.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	34.	*	1		2020	245	1684.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	38.	*	1		2025	246	1624.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	42.	*	1		2030	247	1569.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	48.	*	1		2035	248	1516.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	54.	*	1		2040	249	1467.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	61.	*	1		2045	250	1421.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	68.	*	1		2050	251	1377.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	75.	*	1		2055	252	1336.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	83.	*	1		2100	253	1297.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	91.	*	1		2105	254	1261.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	99.	*	1		2110	255	1227.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	107.	*	1		2115	256	1194.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	115.	*	1		2120	257	1164.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	123.	*	1		2125	258	1135.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	131.	*	1		2130	259	1107.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	139.	*	1		2135	260	1080.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	148.	*	1		2140	261	1054.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	156.	*	1		2145	262	1029.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	164.	*	1		2150	263	1005.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	172.	*	1		2155	264	982.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	180.	*	1		2200	265	960.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	188.	*	1		2205	266	940.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	195.	*	1		2210	267	920.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	203.	*	1		2215	268	902.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	210.	*	1		2220	269	884.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	217.	*	1		2225	270	867.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	225.	*	1		2230	271	850.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	231.	*	1		2235	272	834.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	238.	*	1		2240	273	819.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	245.	*	1		2245	274	804.	*	2		1730	499	0.	*	3		1215	724	0.
1		0405	50	251.	*	1		2250	275	789.	*	2		1735	500	0.	*	3		1220	725	0.
1		0410	51	258.	*	1		2255	276	775.	*	2		1740	501	0.	*	3		1225	726	0.
1		0415	52	265.	*	1		2300	277	762.	*	2		1745	502	0.	*	3		1230	727	0.
1		0420	53	272.	*	1		2305	278	748.	*	2		1750	503	0.	*	3		1235	728	0.
1		0425	54	279.	*	1		2310	279	735.	*	2		1755	504	0.	*	3		1240	729	0.
1		0430	55	287.	*	1		2315	280	723.	*	2		1800	505	0.	*	3		1245	730	0.
1		0435	56	294.	*	1		2320	281	711.	*	2		1805	506	0.	*	3		1250	731	0.
1		0440	57	300.	*	1		2325	282	699.	*	2		1810	507	0.	*	3		1255	732	0.
1		0445	58	308.	*	1		2330	283	687.	*	2		1815	508	0.	*	3		1300	733	0.
1		0450	59	315.	*	1		2335	284	676.	*	2		1820	509	0.	*	3		1305	734	0.
1		0455	60	322.	*	1		2340	285	665.	*	2		1825	510	0.	*	3		1310	735	0.
1		0500	61	329.	*	1		2345	286	655.	*	2		1830	511	0.	*	3		1315	736	0.
1		0505	62	335.	*	1		2350	287	645.	*	2		1835	512	0.	*	3		1320	737	0.
1		0510	63	342.	*	1		2355	288	635.	*	2		1840	513	0.	*	3		1325	738	0.
1		0515	64	349.	*	2		0000	289	625.	*	2		1845	514	0.	*	3		1330	739	0.
1		0520	65	355.	*	2		0005	290	615.	*	2		1850	515	0.	*	3		1335	740	0.
1		0525	66	362.	*	2		0010	291	605.	*	2		1855	516	0.	*	3		1340	741	0.
1		0530	67	368.	*	2		0015	292	595.	*	2		1900	517	0.	*	3		1345	742	0.
1		0535	68	374.	*	2		0020	293	585.	*	2		1905	518	0.	*	3		1350	743	0.
1		0540	69	380.	*	2		0025	294	575.	*	2		1910	519	0.	*	3		1355	744	0.
1		0545	70	386.	*	2		0030	295	564.	*	2		1915	520	0.	*	3		1400	745	0.
1		0550	71	391.	*	2		0035	296	553.	*	2		1920	521	0.	*	3		1405	746	0.
1		0555	72	397.	*	2		0040	297	542.	*	2		1925	522	0.	*	3		1410	747	0.
1		0600	73	403.	*	2		0045	298	530.	*	2		1930	523	0.	*	3		1415	748	0.
1		0605	74	409.	*	2		0050	299	518.	*	2		1935	524	0.	*	3		1420	749	0.
1		0610	75	415.	*	2		0055	300	506.	*	2		1940	525	0.	*	3		1425	750	0.
1		0615	76	420.	*	2		0100	301	493.	*	2		1945	526	0.	*	3		1430	751	0.
1		0620	77	426.	*	2		0105	302	480.	*	2		1950	527	0.	*	3		1435	752	0.
1		0625	78	432.	*	2		0110	303	467.	*	2		1955	528	0.	*	3		1440	753	0.
1		0630	79	438.	*	2		0115	304	453.	*	2		2000	529	0.	*	3		1445	754	0.
1		0635	80	444.	*	2		0120	305	440.	*	2		2005	530	0.	*	3		1450	755	0.
1		0640	81	450.	*	2		0125	306	426.	*	2		2010	531	0.	*	3		1455	756	0.
1		0645	82	456.	*	2		0130	307	411.	*	2		2015	532	0.	*	3		1500	757	0.
1		0650	83	461.	*	2		0135	308	397.	*	2		2020	533	0.	*	3		1505	758	0.
1		0655	84	467.	*	2		0140	309	382.	*	2		2025	534	0.	*	3		1510	759	0.
1		0700	85	473.	*	2		0145	310	368.	*	2		2030	535	0.	*	3		1515	760	0.

1	0705	86	480.	*	2	0150	311	353.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	486.	*	2	0155	312	338.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	493.	*	2	0200	313	324.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	499.	*	2	0205	314	309.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	507.	*	2	0210	315	295.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	514.	*	2	0215	316	280.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	522.	*	2	0220	317	267.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	530.	*	2	0225	318	253.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	538.	*	2	0230	319	240.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	546.	*	2	0235	320	227.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	555.	*	2	0240	321	215.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	564.	*	2	0245	322	203.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	573.	*	2	0250	323	192.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	583.	*	2	0255	324	181.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	594.	*	2	0300	325	171.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	604.	*	2	0305	326	162.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	615.	*	2	0310	327	153.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	627.	*	2	0315	328	145.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	638.	*	2	0320	329	137.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	650.	*	2	0325	330	129.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	663.	*	2	0330	331	122.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	676.	*	2	0335	332	116.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	689.	*	2	0340	333	109.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	702.	*	2	0345	334	103.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	716.	*	2	0350	335	98.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	731.	*	2	0355	336	92.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	745.	*	2	0400	337	87.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	760.	*	2	0405	338	82.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	775.	*	2	0410	339	78.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	791.	*	2	0415	340	73.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	806.	*	2	0420	341	69.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	822.	*	2	0425	342	65.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	838.	*	2	0430	343	61.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	855.	*	2	0435	344	57.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	871.	*	2	0440	345	53.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	888.	*	2	0445	346	50.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	906.	*	2	0450	347	46.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	923.	*	2	0455	348	43.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	942.	*	2	0500	349	40.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	960.	*	2	0505	350	38.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	980.	*	2	0510	351	35.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	1000.	*	2	0515	352	33.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	1022.	*	2	0520	353	30.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	1046.	*	2	0525	354	28.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	1074.	*	2	0530	355	26.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1104.	*	2	0535	356	24.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1137.	*	2	0540	357	22.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1171.	*	2	0545	358	21.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1207.	*	2	0550	359	19.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1248.	*	2	0555	360	18.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1299.	*	2	0600	361	16.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1359.	*	2	0605	362	15.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1428.	*	2	0610	363	13.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1505.	*	2	0615	364	12.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1639.	*	2	0620	365	11.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1879.	*	2	0625	366	10.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2309.	*	2	0630	367	8.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2939.	*	2	0635	368	7.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3776.	*	2	0640	369	6.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4824.	*	2	0645	370	5.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	6068.	*	2	0650	371	4.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7755.	*	2	0655	372	3.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	10090.	*	2	0700	373	2.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	13841.	*	2	0705	374	1.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	18103.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	23884.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	29609.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	34166.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	37600.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	42063.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	47641.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	47275.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	48133.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	48149.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	48332.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	48301.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	48115.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	47729.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	47162.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	46449.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	45626.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	44700.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	43693.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	42592.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41872.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	41308.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	40371.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	39157.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	37839.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	36585.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	35507.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	34333.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	32576.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	30789.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	29170.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	27678.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	26268.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	24916.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	23621.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	22401.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	21282.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	20249.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	19352.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	18461.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	17540.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	16658.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.

1	1555	192	15920.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	15364.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	14739.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	14065.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	13282.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	12593.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	11988.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	11461.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	10942.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	10438.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	9956.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	9497.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	9063.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	8646.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	8257.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7921.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	7638.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	7341.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	7043.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	6749.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	6464.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	6191.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5930.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	5679.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	5438.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	5201.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4969.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4745.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4537.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4356.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	4201.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4066.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3944.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3826.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 48332.	13.25	(CFS)	24481.	6886.	2300.	2211.
		(INCHES)	1.830	2.059	2.064	2.064
		(AC-FT)	12139.	13659.	13689.	13689.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	3511.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	3377.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	3242.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	3108.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	2.	*	1		1905	230	2976.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	3.	*	1		1910	231	2847.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	4.	*	1		1915	232	2722.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	5.	*	1		1920	233	2602.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	5.	*	1		1925	234	2487.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	6.	*	1		1930	235	2377.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	7.	*	1		1935	236	2273.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	9.	*	1		1940	237	2175.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	12.	*	1		1945	238	2083.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	15.	*	1		1950	239	1996.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	18.	*	1		1955	240	1915.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	21.	*	1		2000	241	1839.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	24.	*	1		2005	242	1767.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	26.	*	1		2010	243	1699.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	28.	*	1		2015	244	1637.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	31.	*	1		2020	245	1578.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	34.	*	1		2025	246	1523.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	38.	*	1		2030	247	1471.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	43.	*	1		2035	248	1423.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	48.	*	1		2040	249	1377.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	54.	*	1		2045	250	1333.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	61.	*	1		2050	251	1293.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	68.	*	1		2055	252	1254.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	75.	*	1		2100	253	1218.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	82.	*	1		2105	254	1183.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	89.	*	1		2110	255	1151.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	97.	*	1		2115	256	1120.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	104.	*	1		2120	257	1091.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	112.	*	1		2125	258	1064.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	119.	*	1		2130	259	1037.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	127.	*	1		2135	260	1012.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	135.	*	1		2140	261	988.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	142.	*	1		2145	262	964.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	150.	*	1		2150	263	941.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	157.	*	1		2155	264	920.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	164.	*	1		2200	265	900.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	171.	*	1		2205	266	881.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	178.	*	1		2210	267	863.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	185.	*	1		2215	268	846.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	192.	*	1		2220	269	829.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	198.	*	1		2225	270	813.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	205.	*	1		2230	271	798.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	211.	*	1		2235	272	783.	*	2		1720	497	0.	*	3		1205	722	0.
1		0355	48	217.	*	1		2240	273	768.	*	2		1725	498	0.	*	3		1210	723	0.
1		0400	49	223.	*	1		2245	274	754.	*	2		1730	499	0.	*	3		1215	724	0.

1	0405	50	230.	*	1	2250	275	740.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	236.	*	1	2255	276	727.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	242.	*	1	2300	277	715.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	249.	*	1	2305	278	702.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	255.	*	1	2310	279	690.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	262.	*	1	2315	280	678.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	268.	*	1	2320	281	667.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	274.	*	1	2325	282	655.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	280.	*	1	2330	283	645.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	287.	*	1	2335	284	634.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	293.	*	1	2340	285	624.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	300.	*	1	2345	286	614.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	306.	*	1	2350	287	604.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	312.	*	1	2355	288	595.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	318.	*	2	0000	289	585.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	324.	*	2	0005	290	576.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	330.	*	2	0010	291	566.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	336.	*	2	0015	292	557.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	342.	*	2	0020	293	547.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	348.	*	2	0025	294	537.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	353.	*	2	0030	295	527.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	359.	*	2	0035	296	516.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	364.	*	2	0040	297	506.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	370.	*	2	0045	298	495.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	375.	*	2	0050	299	483.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	381.	*	2	0055	300	472.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	386.	*	2	0100	301	460.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	392.	*	2	0105	302	448.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	397.	*	2	0110	303	435.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	403.	*	2	0115	304	422.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	408.	*	2	0120	305	409.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	414.	*	2	0125	306	396.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	420.	*	2	0130	307	383.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	425.	*	2	0135	308	369.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	431.	*	2	0140	309	356.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	437.	*	2	0145	310	342.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	442.	*	2	0150	311	328.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	448.	*	2	0155	312	314.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	454.	*	2	0200	313	300.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	461.	*	2	0205	314	287.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	467.	*	2	0210	315	273.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	474.	*	2	0215	316	260.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	481.	*	2	0220	317	247.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	489.	*	2	0225	318	234.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	496.	*	2	0230	319	221.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	504.	*	2	0235	320	210.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	512.	*	2	0240	321	198.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	520.	*	2	0245	322	187.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	529.	*	2	0250	323	177.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	538.	*	2	0255	324	167.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	547.	*	2	0300	325	158.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	557.	*	2	0305	326	149.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	567.	*	2	0310	327	141.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	578.	*	2	0315	328	133.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	589.	*	2	0320	329	125.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	599.	*	2	0325	330	118.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	611.	*	2	0330	331	112.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	622.	*	2	0335	332	105.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	634.	*	2	0340	333	100.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	647.	*	2	0345	334	94.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	659.	*	2	0350	335	88.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	672.	*	2	0355	336	83.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	686.	*	2	0400	337	78.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	700.	*	2	0405	338	74.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	715.	*	2	0410	339	69.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	729.	*	2	0415	340	65.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	744.	*	2	0420	341	61.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	759.	*	2	0425	342	57.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	775.	*	2	0430	343	53.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	791.	*	2	0435	344	50.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	807.	*	2	0440	345	46.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	823.	*	2	0445	346	43.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	840.	*	2	0450	347	40.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	857.	*	2	0455	348	38.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	875.	*	2	0500	349	35.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	893.	*	2	0505	350	32.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	911.	*	2	0510	351	30.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	931.	*	2	0515	352	28.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	951.	*	2	0520	353	26.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	974.	*	2	0525	354	24.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	998.	*	2	0530	355	22.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1025.	*	2	0535	356	21.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1053.	*	2	0540	357	19.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1082.	*	2	0545	358	17.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1114.	*	2	0550	359	16.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1151.	*	2	0555	360	15.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1198.	*	2	0600	361	13.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1253.	*	2	0605	362	12.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1315.	*	2	0610	363	11.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1383.	*	2	0615	364	10.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1504.	*	2	0620	365	8.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1722.	*	2	0625	366	7.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2118.	*	2	0630	367	6.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2700.	*	2	0635	368	5.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3476.	*	2	0640	369	4.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4441.	*	2	0645	370	3.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5580.	*	2	0650	371	2.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	7050.	*	2	0655	372	1.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	9083.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	12234.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	16223.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	20993.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	26645.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	31293.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	34830.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	37387.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.

1	1255	156	40249.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	42066.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	43904.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	43537.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	43701.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	43561.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	43395.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	43020.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	42507.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	42033.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	41746.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	41222.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	40508.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	39643.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	38679.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	37717.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	36777.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	35901.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	35145.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	34081.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	32514.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	31032.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	29628.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	28285.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	26979.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	25697.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	24444.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	23230.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	22079.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	21017.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	20018.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	19167.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	18272.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	17345.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	16491.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	15805.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	15236.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	14601.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	13912.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	13136.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	12467.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11879.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	11351.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10830.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	10325.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9840.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	9379.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8941.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8521.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	8137.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7828.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7536.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	7234.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6935.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6643.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	6361.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	6091.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5833.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5586.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	5346.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	5111.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4881.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4662.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4462.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4290.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4143.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	4010.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3892.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3770.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3643.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 43904.	13.08		22450.	6328.	2114.	2031.
		(INCHES)	1.678	1.892	1.896	1.896
		(AC-FT)	11132.	12550.	12578.	12578.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	3404.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	3268.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	3132.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	1.	*	1		1900	229	2998.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	2.	*	1		1905	230	2868.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	2.	*	1		1910	231	2742.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	3.	*	1		1915	232	2621.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	4.	*	1		1920	233	2504.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	5.	*	1		1925	234	2393.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	6.	*	1		1930	235	2288.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	7.	*	1		1935	236	2188.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	8.	*	1		1940	237	2094.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	11.	*	1		1945	238	2006.	*	2		1430	463	0.	*	3		0915	688	0.

1	0105	14	14.	*	1	1950	239	1923.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	17.	*	1	1955	240	1845.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	20.	*	1	2000	241	1772.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	23.	*	1	2005	242	1703.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	25.	*	1	2010	243	1639.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	27.	*	1	2015	244	1579.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	29.	*	1	2020	245	1523.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	32.	*	1	2025	246	1470.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	35.	*	1	2030	247	1421.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	40.	*	1	2035	248	1374.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	45.	*	1	2040	249	1330.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	51.	*	1	2045	250	1288.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	57.	*	1	2050	251	1248.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	64.	*	1	2055	252	1211.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	70.	*	1	2100	253	1176.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	77.	*	1	2105	254	1142.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	84.	*	1	2110	255	1111.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	92.	*	1	2115	256	1081.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	99.	*	1	2120	257	1053.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	106.	*	1	2125	258	1027.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	113.	*	1	2130	259	1001.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	121.	*	1	2135	260	977.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	128.	*	1	2140	261	953.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	135.	*	1	2145	262	930.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	142.	*	1	2150	263	908.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	149.	*	1	2155	264	888.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	156.	*	1	2200	265	868.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	163.	*	1	2205	266	850.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	169.	*	1	2210	267	833.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	176.	*	1	2215	268	817.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	182.	*	1	2220	269	801.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	189.	*	1	2225	270	785.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	195.	*	1	2230	271	770.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	201.	*	1	2235	272	756.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	207.	*	1	2240	273	742.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	213.	*	1	2245	274	728.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	219.	*	1	2250	275	715.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	225.	*	1	2255	276	702.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	231.	*	1	2300	277	690.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	237.	*	1	2305	278	678.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	243.	*	1	2310	279	666.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	249.	*	1	2315	280	655.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	255.	*	1	2320	281	644.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	261.	*	1	2325	282	633.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	267.	*	1	2330	283	622.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	273.	*	1	2335	284	612.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	279.	*	1	2340	285	602.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	285.	*	1	2345	286	592.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	291.	*	1	2350	287	583.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	297.	*	1	2355	288	573.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	302.	*	2	0000	289	564.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	308.	*	2	0005	290	555.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	314.	*	2	0010	291	546.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	320.	*	2	0015	292	536.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	325.	*	2	0020	293	527.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	331.	*	2	0025	294	517.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	336.	*	2	0030	295	507.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	342.	*	2	0035	296	497.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	347.	*	2	0040	297	487.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	352.	*	2	0045	298	476.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	358.	*	2	0050	299	465.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	363.	*	2	0055	300	454.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	369.	*	2	0100	301	442.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	374.	*	2	0105	302	431.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	379.	*	2	0110	303	419.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	385.	*	2	0115	304	406.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	390.	*	2	0120	305	394.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	396.	*	2	0125	306	381.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	401.	*	2	0130	307	368.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	407.	*	2	0135	308	355.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	412.	*	2	0140	309	342.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	417.	*	2	0145	310	328.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	423.	*	2	0150	311	315.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	429.	*	2	0155	312	302.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	435.	*	2	0200	313	288.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	441.	*	2	0205	314	275.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	447.	*	2	0210	315	262.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	454.	*	2	0215	316	249.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	460.	*	2	0220	317	236.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	467.	*	2	0225	318	224.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	475.	*	2	0230	319	212.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	482.	*	2	0235	320	200.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	489.	*	2	0240	321	190.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	497.	*	2	0245	322	179.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	506.	*	2	0250	323	169.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	514.	*	2	0255	324	160.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	523.	*	2	0300	325	151.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	533.	*	2	0305	326	142.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	543.	*	2	0310	327	134.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	553.	*	2	0315	328	127.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	563.	*	2	0320	329	119.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	574.	*	2	0325	330	113.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	584.	*	2	0330	331	106.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	595.	*	2	0335	332	100.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	607.	*	2	0340	333	94.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	619.	*	2	0345	334	89.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	631.	*	2	0350	335	84.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	643.	*	2	0355	336	79.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	656.	*	2	0400	337	74.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	669.	*	2	0405	338	69.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	683.	*	2	0410	339	65.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	697.	*	2	0415	340	61.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	712.	*	2	0420	341	57.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	727.	*	2	0425	342	53.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	742.	*	2	0430	343	49.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	757.	*	2	0435	344	46.	*	2	2320	569	0.	*	3	1805	794	0.

1	0955	120	773.	*	2	0440	345	43.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	789.	*	2	0445	346	40.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	805.	*	2	0450	347	37.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	822.	*	2	0455	348	35.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	839.	*	2	0500	349	32.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	857.	*	2	0505	350	30.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	875.	*	2	0510	351	28.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	894.	*	2	0515	352	26.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	914.	*	2	0520	353	24.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	935.	*	2	0525	354	22.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	958.	*	2	0530	355	20.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	983.	*	2	0535	356	19.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1009.	*	2	0540	357	17.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1036.	*	2	0545	358	16.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1066.	*	2	0550	359	14.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1101.	*	2	0555	360	13.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1145.	*	2	0600	361	12.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1198.	*	2	0605	362	11.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1257.	*	2	0610	363	9.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1321.	*	2	0615	364	8.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1435.	*	2	0620	365	7.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1643.	*	2	0625	366	6.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	2022.	*	2	0630	367	5.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2581.	*	2	0635	368	4.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3327.	*	2	0640	369	3.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	4254.	*	2	0645	370	2.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	5340.	*	2	0650	371	1.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6709.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	8593.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	11462.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	15347.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	19646.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	24979.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	29691.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	33270.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	35731.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	38057.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	39837.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	40698.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	41112.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	41274.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	41290.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	41182.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	40966.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	40640.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	40197.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	39630.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38961.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	38226.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	37480.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	36705.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	35961.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	35336.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	34478.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	33291.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	31975.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	30706.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	29486.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	28278.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	27072.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	25866.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	24666.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	23490.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	22361.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	21304.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	20306.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	19423.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	18552.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	17644.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	16750.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	15984.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	15440.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	14825.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	14157.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	13386.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	12682.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	12064.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	11527.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	11003.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	10490.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9995.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	9523.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	9074.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8645.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	8246.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7906.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7616.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	7313.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	7010.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6714.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6429.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	6155.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5893.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5643.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5401.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	5165.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4934.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4710.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4504.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4325.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	4172.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	4037.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3916.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3795.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3669.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3538.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 41290.	13.33	(CFS)	21412.	6041.	2018.	1940.
		(INCHES)	1.601	1.806	1.810	1.810
		(AC-FT)	10618.	11983.	12008.	12008.

CUMULATIVE AREA = 124.38 SQ MI

HYDROGRAPH AT C410
TRANSPOSITION AREA 70.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3200.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	3064.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2930.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2800.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2675.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2555.	2		1355	456	0.	3		0840	681	0.
1		0030	7	3.	1		1915	232	2441.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	2332.	2		1405	458	0.	3		0850	683	0.
1		0040	9	5.	1		1925	234	2228.	2		1410	459	0.	3		0855	684	0.
1		0045	10	6.	1		1930	235	2131.	2		1415	460	0.	3		0900	685	0.
1		0050	11	6.	1		1935	236	2039.	2		1420	461	0.	3		0905	686	0.
1		0055	12	7.	1		1940	237	1952.	2		1425	462	0.	3		0910	687	0.
1		0100	13	10.	1		1945	238	1871.	2		1430	463	0.	3		0915	688	0.
1		0105	14	13.	1		1950	239	1795.	2		1435	464	0.	3		0920	689	0.
1		0110	15	16.	1		1955	240	1723.	2		1440	465	0.	3		0925	690	0.
1		0115	16	18.	1		2000	241	1656.	2		1445	466	0.	3		0930	691	0.
1		0120	17	21.	1		2005	242	1593.	2		1450	467	0.	3		0935	692	0.
1		0125	18	23.	1		2010	243	1533.	2		1455	468	0.	3		0940	693	0.
1		0130	19	25.	1		2015	244	1478.	2		1500	469	0.	3		0945	694	0.
1		0135	20	26.	1		2020	245	1426.	2		1505	470	0.	3		0950	695	0.
1		0140	21	29.	1		2025	246	1377.	2		1510	471	0.	3		0955	696	0.
1		0145	22	32.	1		2030	247	1331.	2		1515	472	0.	3		1000	697	0.
1		0150	23	35.	1		2035	248	1287.	2		1520	473	0.	3		1005	698	0.
1		0155	24	40.	1		2040	249	1246.	2		1525	474	0.	3		1010	699	0.
1		0200	25	45.	1		2045	250	1207.	2		1530	475	0.	3		1015	700	0.
1		0205	26	51.	1		2050	251	1170.	2		1535	476	0.	3		1020	701	0.
1		0210	27	57.	1		2055	252	1135.	2		1540	477	0.	3		1025	702	0.
1		0215	28	63.	1		2100	253	1101.	2		1545	478	0.	3		1030	703	0.
1		0220	29	69.	1		2105	254	1070.	2		1550	479	0.	3		1035	704	0.
1		0225	30	76.	1		2110	255	1040.	2		1555	480	0.	3		1040	705	0.
1		0230	31	82.	1		2115	256	1012.	2		1600	481	0.	3		1045	706	0.
1		0235	32	89.	1		2120	257	986.	2		1605	482	0.	3		1050	707	0.
1		0240	33	96.	1		2125	258	961.	2		1610	483	0.	3		1055	708	0.
1		0245	34	102.	1		2130	259	937.	2		1615	484	0.	3		1100	709	0.
1		0250	35	109.	1		2135	260	914.	2		1620	485	0.	3		1105	710	0.
1		0255	36	116.	1		2140	261	892.	2		1625	486	0.	3		1110	711	0.
1		0300	37	123.	1		2145	262	871.	2		1630	487	0.	3		1115	712	0.
1		0305	38	129.	1		2150	263	851.	2		1635	488	0.	3		1120	713	0.
1		0310	39	136.	1		2155	264	831.	2		1640	489	0.	3		1125	714	0.
1		0315	40	142.	1		2200	265	813.	2		1645	490	0.	3		1130	715	0.
1		0320	41	148.	1		2205	266	796.	2		1650	491	0.	3		1135	716	0.
1		0325	42	154.	1		2210	267	780.	2		1655	492	0.	3		1140	717	0.
1		0330	43	160.	1		2215	268	765.	2		1700	493	0.	3		1145	718	0.
1		0335	44	166.	1		2220	269	750.	2		1705	494	0.	3		1150	719	0.
1		0340	45	171.	1		2225	270	736.	2		1710	495	0.	3		1155	720	0.
1		0345	46	177.	1		2230	271	722.	2		1715	496	0.	3		1200	721	0.
1		0350	47	182.	1		2235	272	708.	2		1720	497	0.	3		1205	722	0.
1		0355	48	188.	1		2240	273	695.	2		1725	498	0.	3		1210	723	0.
1		0400	49	193.	1		2245	274	682.	2		1730	499	0.	3		1215	724	0.
1		0405	50	199.	1		2250	275	670.	2		1735	500	0.	3		1220	725	0.
1		0410	51	204.	1		2255	276	658.	2		1740	501	0.	3		1225	726	0.
1		0415	52	210.	1		2300	277	646.	2		1745	502	0.	3		1230	727	0.
1		0420	53	216.	1		2305	278	635.	2		1750	503	0.	3		1235	728	0.
1		0425	54	221.	1		2310	279	623.	2		1755	504	0.	3		1240	729	0.
1		0430	55	227.	1		2315	280	613.	2		1800	505	0.	3		1245	730	0.
1		0435	56	232.	1		2320	281	602.	2		1805	506	0.	3		1250	731	0.
1		0440	57	237.	1		2325	282	592.	2		1810	507	0.	3		1255	732	0.
1		0445	58	243.	1		2330	283	581.	2		1815	508	0.	3		1300	733	0.
1		0450	59	248.	1		2335	284	572.	2		1820	509	0.	3		1305	734	0.
1		0455	60	254.	1		2340	285	562.	2		1825	510	0.	3		1310	735	0.
1		0500	61	259.	1		2345	286	553.	2		1830	511	0.	3		1315	736	0.
1		0505	62	264.	1		2350	287	544.	2		1835	512	0.	3		1320	737	0.
1		0510	63	269.	1		2355	288	535.	2		1840	513	0.	3		1325	738	0.
1		0515	64	275.	2		0000	289	526.	2		1845	514	0.	3		1330	739	0.
1		0520	65	280.	2		0005	290	517.	2		1850	515	0.	3		1335	740	0.
1		0525	66	285.	2		0010	291	509.	2		1855	516	0.	3		1340	741	0.
1		0530	67	290.	2		0015	292	500.	2		1900	517	0.	3		1345	742	0.
1		0535	68	296.	2		0020	293	491.	2		1905	518	0.	3		1350	743	0.
1		0540	69	301.	2		0025	294	481.	2		1910	519	0.	3		1355	744	0.
1		0545	70	306.	2		0030	295	472.	2		1915	520	0.	3		1400	745	0.
1		0550	71	311.	2		0035	296	463.	2		1920	521	0.	3		1405	746	0.
1		0555	72	316.	2		0040	297	453.	2		1925	522	0.	3		1410	747	0.
1		0600	73	321.	2		0045	298	443.	2		1930	523	0.	3		1415	748	0.
1		0605	74	326.	2		0050	299	433.	2		1935	524	0.	3		1420	749	0.
1		0610	75	332.	2		0055	300	422.	2		1940	525	0.	3		1425	750	0.
1		0615	76	337.	2		0100	301	412.	2		1945	526	0.	3		1430	751	0.
1		0620	77	342.	2		0105	302	401.	2		1950	527	0.	3		1435	752	0.
1		0625	78	347.	2		0110	303	390.	2		1955	528	0.	3		1440	753	0.
1		0630	79	352.	2		0115	304	378.	2		2000	529	0.	3		1445	754	0.
1		0635	80	357.	2		0120	305	366.	2		2005	530	0.	3		1450	755	0.
1		0640	81	363.	2		0125	306	354.	2		2010	531	0.	3		1455	756	0.
1		0645	82	368.	2		0130	307	342.	2		2015	532	0.	3		1500	757	0.
1		0650	83	373.	2		0135	308	330.	2		2020	533	0.	3		1505	758	0.

1	0655	84	378.	*	2	0140	309	317.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	383.	*	2	0145	310	304.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	388.	*	2	0150	311	292.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	394.	*	2	0155	312	279.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	399.	*	2	0200	313	266.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	405.	*	2	0205	314	254.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	411.	*	2	0210	315	241.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	417.	*	2	0215	316	229.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	423.	*	2	0220	317	217.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	429.	*	2	0225	318	206.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	436.	*	2	0230	319	195.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	443.	*	2	0235	320	184.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	450.	*	2	0240	321	174.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	457.	*	2	0245	322	164.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	465.	*	2	0250	323	155.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	473.	*	2	0255	324	146.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	481.	*	2	0300	325	138.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	490.	*	2	0305	326	130.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	499.	*	2	0310	327	123.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	508.	*	2	0315	328	115.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	518.	*	2	0320	329	109.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	527.	*	2	0325	330	102.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	537.	*	2	0330	331	96.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	548.	*	2	0335	332	90.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	558.	*	2	0340	333	85.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	569.	*	2	0345	334	80.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	580.	*	2	0350	335	75.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	592.	*	2	0355	336	70.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	604.	*	2	0400	337	65.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	616.	*	2	0405	338	61.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	628.	*	2	0410	339	57.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	641.	*	2	0415	340	53.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	654.	*	2	0420	341	49.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	668.	*	2	0425	342	46.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	682.	*	2	0430	343	43.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	696.	*	2	0435	344	40.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	711.	*	2	0440	345	37.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	727.	*	2	0445	346	34.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	742.	*	2	0450	347	32.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	758.	*	2	0455	348	30.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	775.	*	2	0500	349	28.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	792.	*	2	0505	350	25.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	810.	*	2	0510	351	24.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	828.	*	2	0515	352	22.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	847.	*	2	0520	353	20.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	867.	*	2	0525	354	19.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	888.	*	2	0530	355	17.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	910.	*	2	0535	356	16.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	933.	*	2	0540	357	14.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	958.	*	2	0545	358	13.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	985.	*	2	0550	359	12.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1017.	*	2	0555	360	10.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1057.	*	2	0600	361	9.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1104.	*	2	0605	362	8.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1157.	*	2	0610	363	7.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1213.	*	2	0615	364	6.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1314.	*	2	0620	365	5.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1503.	*	2	0625	366	4.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1852.	*	2	0630	367	3.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2368.	*	2	0635	368	2.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	3059.	*	2	0640	369	1.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3918.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4910.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	6095.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7708.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	10026.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	13552.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	17311.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	22203.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	26824.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	30404.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	33062.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	34774.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	35850.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	36824.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	37337.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	37395.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	37276.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	37063.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	36790.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	36460.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	36090.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	35765.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	35332.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	34793.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	34130.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	33221.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	32356.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	31502.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	30641.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	29771.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	28880.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	27958.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	26993.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25985.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24943.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23886.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22838.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21828.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20869.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19950.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	19142.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	18280.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	17378.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16533.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15839.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.

1	1545	190	15280.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14656.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13983.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	13204.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12531.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11935.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11406.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10882.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10371.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9877.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9406.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8955.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8524.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	8130.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7816.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7516.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7208.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6902.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6606.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6322.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	6051.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5792.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5544.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5303.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	5069.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4840.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4623.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4428.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4259.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4112.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3981.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3861.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3736.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3607.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3473.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3337.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+ 37395.	13.25	(CFS)	19579.	5536.	1849.	1777.
		(INCHES)	1.464	1.655	1.659	1.659
		(AC-FT)	9708.	10980.	11003.	11003.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 130.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3118.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2983.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2850.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2722.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2599.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2482.	2		1355	456	0.	3		0840	681	0.
1		0030	7	3.	1		1915	232	2371.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	2265.	2		1405	458	0.	3		0850	683	0.
1		0040	9	5.	1		1925	234	2165.	2		1410	459	0.	3		0855	684	0.
1		0045	10	5.	1		1930	235	2071.	2		1415	460	0.	3		0900	685	0.
1		0050	11	6.	1		1935	236	1982.	2		1420	461	0.	3		0905	686	0.
1		0055	12	6.	1		1940	237	1898.	2		1425	462	0.	3		0910	687	0.
1		0100	13	9.	1		1945	238	1819.	2		1430	463	0.	3		0915	688	0.
1		0105	14	12.	1		1950	239	1745.	2		1435	464	0.	3		0920	689	0.
1		0110	15	15.	1		1955	240	1676.	2		1440	465	0.	3		0925	690	0.
1		0115	16	17.	1		2000	241	1611.	2		1445	466	0.	3		0930	691	0.
1		0120	17	20.	1		2005	242	1550.	2		1450	467	0.	3		0935	692	0.
1		0125	18	22.	1		2010	243	1492.	2		1455	468	0.	3		0940	693	0.
1		0130	19	24.	1		2015	244	1439.	2		1500	469	0.	3		0945	694	0.
1		0135	20	25.	1		2020	245	1388.	2		1505	470	0.	3		0950	695	0.
1		0140	21	27.	1		2025	246	1341.	2		1510	471	0.	3		0955	696	0.
1		0145	22	30.	1		2030	247	1296.	2		1515	472	0.	3		1000	697	0.
1		0150	23	34.	1		2035	248	1254.	2		1520	473	0.	3		1005	698	0.
1		0155	24	38.	1		2040	249	1213.	2		1525	474	0.	3		1010	699	0.
1		0200	25	43.	1		2045	250	1175.	2		1530	475	0.	3		1015	700	0.
1		0205	26	48.	1		2050	251	1139.	2		1535	476	0.	3		1020	701	0.
1		0210	27	54.	1		2055	252	1105.	2		1540	477	0.	3		1025	702	0.
1		0215	28	60.	1		2100	253	1072.	2		1545	478	0.	3		1030	703	0.
1		0220	29	66.	1		2105	254	1041.	2		1550	479	0.	3		1035	704	0.
1		0225	30	72.	1		2110	255	1012.	2		1555	480	0.	3		1040	705	0.
1		0230	31	79.	1		2115	256	985.	2		1600	481	0.	3		1045	706	0.
1		0235	32	85.	1		2120	257	959.	2		1605	482	0.	3		1050	707	0.
1		0240	33	91.	1		2125	258	935.	2		1610	483	0.	3		1055	708	0.
1		0245	34	98.	1		2130	259	912.	2		1615	484	0.	3		1100	709	0.
1		0250	35	105.	1		2135	260	889.	2		1620	485	0.	3		1105	710	0.
1		0255	36	111.	1		2140	261	868.	2		1625	486	0.	3		1110	711	0.
1		0300	37	118.	1		2145	262	848.	2		1630	487	0.	3		1115	712	0.
1		0305	38	124.	1		2150	263	828.	2		1635	488	0.	3		1120	713	0.
1		0310	39	130.	1		2155	264	809.	2		1640	489	0.	3		1125	714	0.
1		0315	40	136.	1		2200	265	792.	2		1645	490	0.	3		1130	715	0.
1		0320	41	142.	1		2205	266	775.	2		1650	491	0.	3		1135	716	0.
1		0325	42	148.	1		2210	267	760.	2		1655	492	0.	3		1140	717	0.
1		0330	43	154.	1		2215	268	745.	2		1700	493	0.	3		1145	718	0.
1		0335	44	159.	1		2220	269	730.	2		1705	494	0.	3		1150	719	0.
1		0340	45	165.	1		2225	270	716.	2		1710	495	0.	3		1155	720	0.
1		0345	46	170.	1		2230	271	702.	2		1715	496	0.	3		1200	721	0.
1		0350	47	175.	1		2235	272	689.	2		1720	497	0.	3		1205	722	0.

1	0355	48	180.	*	1	2240	273	676.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	185.	*	1	2245	274	664.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	191.	*	1	2250	275	652.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	196.	*	1	2255	276	640.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	202.	*	1	2300	277	629.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	207.	*	1	2305	278	617.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	213.	*	1	2310	279	606.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	218.	*	1	2315	280	596.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	223.	*	1	2320	281	585.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	228.	*	1	2325	282	575.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	233.	*	1	2330	283	565.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	238.	*	1	2335	284	555.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	244.	*	1	2340	285	546.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	249.	*	1	2345	286	537.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	254.	*	1	2350	287	528.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	259.	*	1	2355	288	519.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	264.	*	2	0000	289	511.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	269.	*	2	0005	290	502.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	274.	*	2	0010	291	494.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	279.	*	2	0015	292	485.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	284.	*	2	0020	293	476.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	289.	*	2	0025	294	467.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	294.	*	2	0030	295	458.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	298.	*	2	0035	296	449.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	303.	*	2	0040	297	440.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	308.	*	2	0045	298	430.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	314.	*	2	0050	299	420.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	319.	*	2	0055	300	410.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	324.	*	2	0100	301	399.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	329.	*	2	0105	302	389.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	334.	*	2	0110	303	378.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	339.	*	2	0115	304	366.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	344.	*	2	0120	305	355.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	349.	*	2	0125	306	343.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	354.	*	2	0130	307	331.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	359.	*	2	0135	308	319.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	364.	*	2	0140	309	307.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	369.	*	2	0145	310	294.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	374.	*	2	0150	311	282.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	379.	*	2	0155	312	270.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	385.	*	2	0200	313	257.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	390.	*	2	0205	314	245.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	396.	*	2	0210	315	233.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	402.	*	2	0215	316	221.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	408.	*	2	0220	317	210.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	414.	*	2	0225	318	199.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	420.	*	2	0230	319	188.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	427.	*	2	0235	320	178.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	434.	*	2	0240	321	168.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	441.	*	2	0245	322	158.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	448.	*	2	0250	323	149.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	456.	*	2	0255	324	141.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	464.	*	2	0300	325	133.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	472.	*	2	0305	326	125.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	481.	*	2	0310	327	118.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	490.	*	2	0315	328	111.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	499.	*	2	0320	329	104.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	508.	*	2	0325	330	98.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	518.	*	2	0330	331	92.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	528.	*	2	0335	332	86.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	539.	*	2	0340	333	81.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	549.	*	2	0345	334	76.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	560.	*	2	0350	335	71.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	571.	*	2	0355	336	66.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	583.	*	2	0400	337	62.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	594.	*	2	0405	338	58.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	606.	*	2	0410	339	54.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	619.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	631.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	645.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	658.	*	2	0430	343	40.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	672.	*	2	0435	344	37.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	686.	*	2	0440	345	35.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	701.	*	2	0445	346	32.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	716.	*	2	0450	347	30.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	732.	*	2	0455	348	28.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	748.	*	2	0500	349	26.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	765.	*	2	0505	350	24.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	782.	*	2	0510	351	22.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	800.	*	2	0515	352	20.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	819.	*	2	0520	353	19.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	839.	*	2	0525	354	17.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	859.	*	2	0530	355	16.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	881.	*	2	0535	356	14.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	904.	*	2	0540	357	13.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	928.	*	2	0545	358	12.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	955.	*	2	0550	359	10.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	986.	*	2	0555	360	9.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1024.	*	2	0600	361	8.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1068.	*	2	0605	362	7.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1117.	*	2	0610	363	6.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1170.	*	2	0615	364	5.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1267.	*	2	0620	365	4.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1448.	*	2	0625	366	3.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1784.	*	2	0630	367	2.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2283.	*	2	0635	368	1.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2952.	*	2	0640	369	0.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3783.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4739.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5861.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7374.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	9486.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	12831.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	16500.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	20980.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	25596.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.

1	1245	154	29155.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31830.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	33655.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	34701.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	35277.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	35620.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35731.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35693.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35543.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	35313.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	35019.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	34662.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	34226.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33612.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	32935.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	32263.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	31554.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	30820.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	30074.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	29316.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	28544.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	27742.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	26895.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	25996.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25049.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24068.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23079.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22107.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21182.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20277.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19460.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18637.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17771.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16889.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16116.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15554.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14960.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14310.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13572.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12848.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12217.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11665.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11139.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10622.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10119.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9635.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9173.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8731.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8316.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7951.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7658.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7349.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7040.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6737.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6445.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6168.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5903.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5650.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5406.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5168.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4936.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4712.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4505.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4325.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4171.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4034.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3912.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3789.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3661.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3529.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3393.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3256.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 35731.	13.25		18843.	5333.	1781.	1712.
		(INCHES)	1.409	1.595	1.598	1.598
		(AC-FT)	9344.	10579.	10600.	10600.

CUMULATIVE AREA = 124.38 SQ MI

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HYDROGRAPH AT C410
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3118.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2983.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2850.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2722.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2599.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2482.	2		1355	456	0.	3		0840	681	0.
1		0030	7	3.	1		1915	232	2371.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	2265.	2		1405	458	0.	3		0850	683	0.
1		0040	9	5.	1		1925	234	2165.	2		1410	459	0.	3		0855	684	0.
1		0045	10	5.	1		1930	235	2071.	2		1415	460	0.	3		0900	685	0.
1		0050	11	6.	1		1935	236	1982.	2		1420	461	0.	3		0905	686	0.

1	0055	12	6.	*	1	1940	237	1898.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	9.	*	1	1945	238	1819.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	12.	*	1	1950	239	1745.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	15.	*	1	1955	240	1676.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	17.	*	1	2000	241	1611.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	20.	*	1	2005	242	1550.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	22.	*	1	2010	243	1492.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	24.	*	1	2015	244	1439.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	25.	*	1	2020	245	1388.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	27.	*	1	2025	246	1341.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	30.	*	1	2030	247	1296.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	34.	*	1	2035	248	1254.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	38.	*	1	2040	249	1213.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	43.	*	1	2045	250	1175.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	48.	*	1	2050	251	1139.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	54.	*	1	2055	252	1105.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	60.	*	1	2100	253	1072.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	66.	*	1	2105	254	1041.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	72.	*	1	2110	255	1012.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	79.	*	1	2115	256	985.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	85.	*	1	2120	257	959.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	91.	*	1	2125	258	935.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	98.	*	1	2130	259	912.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	105.	*	1	2135	260	889.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	111.	*	1	2140	261	868.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	118.	*	1	2145	262	848.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	124.	*	1	2150	263	828.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	130.	*	1	2155	264	809.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	136.	*	1	2200	265	792.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	142.	*	1	2205	266	775.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	148.	*	1	2210	267	760.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	154.	*	1	2215	268	745.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	159.	*	1	2220	269	730.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	165.	*	1	2225	270	716.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	170.	*	1	2230	271	702.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	175.	*	1	2235	272	689.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	180.	*	1	2240	273	676.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	185.	*	1	2245	274	664.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	191.	*	1	2250	275	652.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	196.	*	1	2255	276	640.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	202.	*	1	2300	277	629.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	207.	*	1	2305	278	617.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	213.	*	1	2310	279	606.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	218.	*	1	2315	280	596.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	223.	*	1	2320	281	585.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	228.	*	1	2325	282	575.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	233.	*	1	2330	283	565.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	238.	*	1	2335	284	555.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	244.	*	1	2340	285	546.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	249.	*	1	2345	286	537.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	254.	*	1	2350	287	528.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	259.	*	1	2355	288	519.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	264.	*	2	0000	289	511.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	269.	*	2	0005	290	502.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	274.	*	2	0010	291	494.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	279.	*	2	0015	292	485.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	284.	*	2	0020	293	476.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	289.	*	2	0025	294	467.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	294.	*	2	0030	295	458.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	298.	*	2	0035	296	449.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	303.	*	2	0040	297	440.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	308.	*	2	0045	298	430.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	314.	*	2	0050	299	420.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	319.	*	2	0055	300	410.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	324.	*	2	0100	301	399.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	329.	*	2	0105	302	389.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	334.	*	2	0110	303	378.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	339.	*	2	0115	304	366.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	344.	*	2	0120	305	355.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	349.	*	2	0125	306	343.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	354.	*	2	0130	307	331.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	359.	*	2	0135	308	319.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	364.	*	2	0140	309	307.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	369.	*	2	0145	310	294.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	374.	*	2	0150	311	282.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	379.	*	2	0155	312	270.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	385.	*	2	0200	313	257.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	390.	*	2	0205	314	245.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	396.	*	2	0210	315	233.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	402.	*	2	0215	316	221.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	408.	*	2	0220	317	210.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	414.	*	2	0225	318	199.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	420.	*	2	0230	319	188.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	427.	*	2	0235	320	178.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	434.	*	2	0240	321	168.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	441.	*	2	0245	322	158.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	448.	*	2	0250	323	149.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	456.	*	2	0255	324	141.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	464.	*	2	0300	325	133.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	472.	*	2	0305	326	125.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	481.	*	2	0310	327	118.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	490.	*	2	0315	328	111.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	499.	*	2	0320	329	104.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	508.	*	2	0325	330	98.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	518.	*	2	0330	331	92.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	528.	*	2	0335	332	86.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	539.	*	2	0340	333	81.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	549.	*	2	0345	334	76.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	560.	*	2	0350	335	71.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	571.	*	2	0355	336	66.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	583.	*	2	0400	337	62.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	594.	*	2	0405	338	58.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	606.	*	2	0410	339	54.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	619.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	631.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	645.	*	2	0425	342	43.	*	2	2310	567	0.	*	3	1755	792	0.

1	0945	118	658.	*	2	0430	343	40.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	672.	*	2	0435	344	37.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	686.	*	2	0440	345	35.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	701.	*	2	0445	346	32.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	716.	*	2	0450	347	30.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	732.	*	2	0455	348	28.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	748.	*	2	0500	349	26.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	765.	*	2	0505	350	24.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	782.	*	2	0510	351	22.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	800.	*	2	0515	352	20.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	819.	*	2	0520	353	19.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	839.	*	2	0525	354	17.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	859.	*	2	0530	355	16.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	881.	*	2	0535	356	14.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	904.	*	2	0540	357	13.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	928.	*	2	0545	358	12.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	955.	*	2	0550	359	10.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	986.	*	2	0555	360	9.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1024.	*	2	0600	361	8.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1068.	*	2	0605	362	7.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1117.	*	2	0610	363	6.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1170.	*	2	0615	364	5.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1267.	*	2	0620	365	4.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1448.	*	2	0625	366	3.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1784.	*	2	0630	367	2.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2283.	*	2	0635	368	1.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2952.	*	2	0640	369	0.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3783.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4739.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5861.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7374.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	9486.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	12831.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	16500.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	20980.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	25596.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	29155.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31830.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	33655.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	34701.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	35277.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	35620.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35731.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35693.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35543.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	35313.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	35019.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	34662.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	34226.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33612.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	32935.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	32263.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	31554.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	30820.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	30074.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	29316.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	28544.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	27742.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	26895.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	25996.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25049.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24068.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23079.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22107.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21182.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20277.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19460.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18637.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17771.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16889.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16116.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	15554.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14960.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14310.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13572.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12848.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12217.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11665.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11139.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10622.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10119.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9635.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9173.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8731.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8316.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7951.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7658.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7349.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7040.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6737.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6445.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6168.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5903.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5650.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5406.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5168.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4936.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4712.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4505.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4325.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4171.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4034.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3912.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3789.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3661.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3529.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.

1	1835	224	3393.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3256.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+ 35731.	13.25	(CFS)	18843.	5333.	1781.	1712.
		(INCHES)	1.409	1.595	1.598	1.598
		(AC-FT)	9344.	10579.	10600.	10600.

CUMULATIVE AREA = 124.38 SQ MI

INTERPOLATED HYDROGRAPH AT C410

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	3124.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	2988.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	2856.	2		1340	453	0.	3		0825	678	0.
1		0015	4	1.	1		1900	229	2728.	2		1345	454	0.	3		0830	679	0.
1		0020	5	1.	1		1905	230	2605.	2		1350	455	0.	3		0835	680	0.
1		0025	6	2.	1		1910	231	2488.	2		1355	456	0.	3		0840	681	0.
1		0030	7	3.	1		1915	232	2376.	2		1400	457	0.	3		0845	682	0.
1		0035	8	4.	1		1920	233	2270.	2		1405	458	0.	3		0850	683	0.
1		0040	9	5.	1		1925	234	2170.	2		1410	459	0.	3		0855	684	0.
1		0045	10	6.	1		1930	235	2075.	2		1415	460	0.	3		0900	685	0.
1		0050	11	6.	1		1935	236	1986.	2		1420	461	0.	3		0905	686	0.
1		0055	12	6.	1		1940	237	1902.	2		1425	462	0.	3		0910	687	0.
1		0100	13	9.	1		1945	238	1823.	2		1430	463	0.	3		0915	688	0.
1		0105	14	12.	1		1950	239	1749.	2		1435	464	0.	3		0920	689	0.
1		0110	15	15.	1		1955	240	1680.	2		1440	465	0.	3		0925	690	0.
1		0115	16	18.	1		2000	241	1614.	2		1445	466	0.	3		0930	691	0.
1		0120	17	20.	1		2005	242	1553.	2		1450	467	0.	3		0935	692	0.
1		0125	18	22.	1		2010	243	1495.	2		1455	468	0.	3		0940	693	0.
1		0130	19	24.	1		2015	244	1441.	2		1500	469	0.	3		0945	694	0.
1		0135	20	25.	1		2020	245	1391.	2		1505	470	0.	3		0950	695	0.
1		0140	21	27.	1		2025	246	1344.	2		1510	471	0.	3		0955	696	0.
1		0145	22	30.	1		2030	247	1299.	2		1515	472	0.	3		1000	697	0.
1		0150	23	34.	1		2035	248	1256.	2		1520	473	0.	3		1005	698	0.
1		0155	24	38.	1		2040	249	1216.	2		1525	474	0.	3		1010	699	0.
1		0200	25	43.	1		2045	250	1177.	2		1530	475	0.	3		1015	700	0.
1		0205	26	48.	1		2050	251	1141.	2		1535	476	0.	3		1020	701	0.
1		0210	27	54.	1		2055	252	1107.	2		1540	477	0.	3		1025	702	0.
1		0215	28	60.	1		2100	253	1074.	2		1545	478	0.	3		1030	703	0.
1		0220	29	66.	1		2105	254	1043.	2		1550	479	0.	3		1035	704	0.
1		0225	30	72.	1		2110	255	1014.	2		1555	480	0.	3		1040	705	0.
1		0230	31	79.	1		2115	256	987.	2		1600	481	0.	3		1045	706	0.
1		0235	32	85.	1		2120	257	961.	2		1605	482	0.	3		1050	707	0.
1		0240	33	92.	1		2125	258	937.	2		1610	483	0.	3		1055	708	0.
1		0245	34	98.	1		2130	259	913.	2		1615	484	0.	3		1100	709	0.
1		0250	35	105.	1		2135	260	891.	2		1620	485	0.	3		1105	710	0.
1		0255	36	112.	1		2140	261	870.	2		1625	486	0.	3		1110	711	0.
1		0300	37	118.	1		2145	262	849.	2		1630	487	0.	3		1115	712	0.
1		0305	38	124.	1		2150	263	829.	2		1635	488	0.	3		1120	713	0.
1		0310	39	131.	1		2155	264	811.	2		1640	489	0.	3		1125	714	0.
1		0315	40	137.	1		2200	265	793.	2		1645	490	0.	3		1130	715	0.
1		0320	41	143.	1		2205	266	777.	2		1650	491	0.	3		1135	716	0.
1		0325	42	148.	1		2210	267	761.	2		1655	492	0.	3		1140	717	0.
1		0330	43	154.	1		2215	268	746.	2		1700	493	0.	3		1145	718	0.
1		0335	44	160.	1		2220	269	732.	2		1705	494	0.	3		1150	719	0.
1		0340	45	165.	1		2225	270	717.	2		1710	495	0.	3		1155	720	0.
1		0345	46	170.	1		2230	271	704.	2		1715	496	0.	3		1200	721	0.
1		0350	47	176.	1		2235	272	690.	2		1720	497	0.	3		1205	722	0.
1		0355	48	181.	1		2240	273	677.	2		1725	498	0.	3		1210	723	0.
1		0400	49	186.	1		2245	274	665.	2		1730	499	0.	3		1215	724	0.
1		0405	50	191.	1		2250	275	653.	2		1735	500	0.	3		1220	725	0.
1		0410	51	197.	1		2255	276	641.	2		1740	501	0.	3		1225	726	0.
1		0415	52	202.	1		2300	277	630.	2		1745	502	0.	3		1230	727	0.
1		0420	53	208.	1		2305	278	619.	2		1750	503	0.	3		1235	728	0.
1		0425	54	213.	1		2310	279	607.	2		1755	504	0.	3		1240	729	0.
1		0430	55	219.	1		2315	280	597.	2		1800	505	0.	3		1245	730	0.
1		0435	56	224.	1		2320	281	586.	2		1805	506	0.	3		1250	731	0.
1		0440	57	229.	1		2325	282	576.	2		1810	507	0.	3		1255	732	0.
1		0445	58	234.	1		2330	283	566.	2		1815	508	0.	3		1300	733	0.
1		0450	59	239.	1		2335	284	556.	2		1820	509	0.	3		1305	734	0.
1		0455	60	244.	1		2340	285	547.	2		1825	510	0.	3		1310	735	0.
1		0500	61	249.	1		2345	286	538.	2		1830	511	0.	3		1315	736	0.
1		0505	62	254.	1		2350	287	529.	2		1835	512	0.	3		1320	737	0.
1		0510	63	259.	1		2355	288	520.	2		1840	513	0.	3		1325	738	0.
1		0515	64	264.	2		0000	289	512.	2		1845	514	0.	3		1330	739	0.
1		0520	65	269.	2		0005	290	503.	2		1850	515	0.	3		1335	740	0.
1		0525	66	274.	2		0010	291	495.	2		1855	516	0.	3		1340	741	0.
1		0530	67	279.	2		0015	292	486.	2		1900	517	0.	3		1345	742	0.
1		0535	68	284.	2		0020	293	477.	2		1905	518	0.	3		1350	743	0.
1		0540	69	289.	2		0025	294	468.	2		1910	519	0.	3		1355	744	0.
1		0545	70	294.	2		0030	295	459.	2		1915	520	0.	3		1400	745	0.
1		0550	71	299.	2		0035	296	450.	2		1920	521	0.	3		1405	746	0.
1		0555	72	304.	2		0040	297	440.	2		1925	522	0.	3		1410	747	0.
1		0600	73	309.	2		0045	298	431.	2		1930	523	0.	3		1415	748	0.
1		0605	74	315.	2		0050	299	421.	2		1935	524	0.	3		1420	749	0.
1		0610	75	320.	2		0055	300	411.	2		1940	525	0.	3		1425	750	0.
1		0615	76	325.	2		0100	301	400.	2		1945	526	0.	3		1430	751	0.
1		0620	77	330.	2		0105	302	390.	2		1950	527	0.	3		1435	752	0.
1		0625	78	335.	2		0110	303	379.	2		1955	528	0.	3		1440	753	0.
1		0630	79	340.	2		0115	304	367.	2		2000	529	0.	3		1445	754	0.
1		0635	80	345.	2		0120	305	356.	2		2005	530	0.	3		1450	755	0.
1		0640	81	350.	2		0125	306	344.	2		2010	531	0.	3		1455	756	0.
1		0645	82	355.	2		0130	307	332.	2		2015	532	0.	3		1500	757	0.

1	0650	83	360.	*	2	0135	308	320.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	365.	*	2	0140	309	307.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	370.	*	2	0145	310	295.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	375.	*	2	0150	311	283.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	380.	*	2	0155	312	270.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	386.	*	2	0200	313	258.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	391.	*	2	0205	314	246.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	397.	*	2	0210	315	234.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	403.	*	2	0215	316	222.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	409.	*	2	0220	317	210.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	415.	*	2	0225	318	199.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	422.	*	2	0230	319	188.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	428.	*	2	0235	320	178.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	435.	*	2	0240	321	168.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	442.	*	2	0245	322	159.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	449.	*	2	0250	323	150.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	457.	*	2	0255	324	141.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	465.	*	2	0300	325	133.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	473.	*	2	0305	326	125.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	482.	*	2	0310	327	118.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	491.	*	2	0315	328	111.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	500.	*	2	0320	329	104.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	510.	*	2	0325	330	98.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	520.	*	2	0330	331	92.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	530.	*	2	0335	332	87.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	540.	*	2	0340	333	81.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	551.	*	2	0345	334	76.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	561.	*	2	0350	335	71.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	573.	*	2	0355	336	66.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	584.	*	2	0400	337	62.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	596.	*	2	0405	338	58.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	608.	*	2	0410	339	54.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	620.	*	2	0415	340	50.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	633.	*	2	0420	341	47.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	646.	*	2	0425	342	44.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	660.	*	2	0430	343	40.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	674.	*	2	0435	344	38.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	688.	*	2	0440	345	35.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	703.	*	2	0445	346	32.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	718.	*	2	0450	347	30.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	734.	*	2	0455	348	28.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	750.	*	2	0500	349	26.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	767.	*	2	0505	350	24.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	784.	*	2	0510	351	22.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	802.	*	2	0515	352	20.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	821.	*	2	0520	353	19.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	841.	*	2	0525	354	17.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	861.	*	2	0530	355	16.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	883.	*	2	0535	356	14.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	906.	*	2	0540	357	13.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	930.	*	2	0545	358	12.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	957.	*	2	0550	359	11.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	988.	*	2	0555	360	9.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1026.	*	2	0600	361	8.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1071.	*	2	0605	362	7.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1120.	*	2	0610	363	6.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1173.	*	2	0615	364	5.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1270.	*	2	0620	365	4.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1452.	*	2	0625	366	3.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1789.	*	2	0630	367	2.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	2289.	*	2	0635	368	1.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	2960.	*	2	0640	369	0.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	3793.	*	2	0645	370	0.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	4752.	*	2	0650	371	0.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	5878.	*	2	0655	372	0.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	7398.	*	2	0700	373	0.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	9525.	*	2	0705	374	0.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	12883.	*	2	0710	375	0.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	16558.	*	2	0715	376	0.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	21068.	*	2	0720	377	0.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	25684.	*	2	0725	378	0.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	29245.	*	2	0730	379	0.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	31918.	*	2	0735	380	0.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	33735.	*	2	0740	381	0.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	34783.	*	2	0745	382	0.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	35388.	*	2	0750	383	0.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	35743.	*	2	0755	384	0.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	35850.	*	2	0800	385	0.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	35806.	*	2	0805	386	0.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35651.	*	2	0810	387	0.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	35419.	*	2	0815	388	0.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	35122.	*	2	0820	389	0.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	34764.	*	2	0825	390	0.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	34336.	*	2	0830	391	0.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	33735.	*	2	0835	392	0.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	33068.	*	2	0840	393	0.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	32396.	*	2	0845	394	0.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	31673.	*	2	0850	395	0.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	30930.	*	2	0855	396	0.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	30176.	*	2	0900	397	0.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	29411.	*	2	0905	398	0.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	28632.	*	2	0910	399	0.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	27823.	*	2	0915	400	0.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	26971.	*	2	0920	401	0.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	26067.	*	2	0925	402	0.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	25116.	*	2	0930	403	0.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	24131.	*	2	0935	404	0.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	23136.	*	2	0940	405	0.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	22159.	*	2	0945	406	0.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	21228.	*	2	0950	407	0.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	20320.	*	2	0955	408	0.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	19495.	*	2	1000	409	0.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	18673.	*	2	1005	410	0.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	17807.	*	2	1010	411	0.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	16924.	*	2	1015	412	0.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	16146.	*	2	1020	413	0.	*	3	0505	638	0.	*	3	2350	863	0.

1	1540	189	15574.	*	2	1025	414	0.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	14983.	*	2	1030	415	0.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	14334.	*	2	1035	416	0.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	13601.	*	2	1040	417	0.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	12873.	*	2	1045	418	0.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	12240.	*	2	1050	419	0.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	11684.	*	2	1055	420	0.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	11158.	*	2	1100	421	0.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	10640.	*	2	1105	422	0.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	10137.	*	2	1110	423	0.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	9653.	*	2	1115	424	0.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	9190.	*	2	1120	425	0.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	8747.	*	2	1125	426	0.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	8331.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	7964.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	7669.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	7361.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	7052.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	6748.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	6457.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	6179.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	5914.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	5660.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	5416.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	5178.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	4945.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	4721.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	4514.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	4333.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	4177.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	4040.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	3917.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	3794.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	3666.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	3534.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	3399.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	3261.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 35850.	13.25	(CFS)	18896.	5348.	1786.	1717.
		(INCHES)	1.412	1.599	1.602	1.602
		(AC-FT)	9370.	10607.	10629.	10629.

CUMULATIVE AREA = 124.38 SQ MI

1

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	S110L	7511.	12.67	1867.	479.	160.	10.60		
+	HYDROGRAPH AT	S110R	9222.	12.92	2866.	766.	256.	17.93		
+	2 COMBINED AT	C110	15149.	12.83	4508.	1188.	396.	28.53		
+	ROUTED TO	110120	14957.	12.92	4506.	1187.	396.	28.53		
+	HYDROGRAPH AT	S120	3116.	12.58	765.	201.	67.	4.77		
+	2 COMBINED AT	C120	17299.	12.83	5137.	1354.	452.	33.31		
+	ROUTED TO	120130	16834.	12.92	5129.	1352.	451.	33.31		
+	HYDROGRAPH AT	S130	3340.	12.25	512.	134.	45.	2.88		
+	2 COMBINED AT	C130	17530.	12.92	5534.	1460.	487.	36.18		
+	ROUTED TO	130140	17400.	12.92	5531.	1459.	487.	36.18		
+	HYDROGRAPH AT	S140	1847.	12.25	310.	80.	27.	1.84		
+	2 COMBINED AT	C140	17934.	12.92	5773.	1522.	508.	38.02		
+	ROUTED TO	140150	17577.	13.08	5754.	1518.	507.	38.02		
+	HYDROGRAPH AT	S150	1380.	12.17	194.	54.	18.	1.06		
+	HYDROGRAPH AT	S150R	2359.	12.17	346.	93.	31.	1.99		
+	3 COMBINED AT	C150	17937.	13.08	6164.	1634.	546.	41.08		

+	ROUTED TO 150160	17929.	13.08	6162.	1633.	545.	41.08
+	HYDROGRAPH AT S160	1333.	12.25	226.	59.	20.	1.29
+	2 COMBINED AT C160	18192.	13.08	6333.	1678.	561.	42.37
+	ROUTED TO 160170	18054.	13.17	6326.	1677.	560.	42.37
+	HYDROGRAPH AT S170	1374.	12.17	181.	48.	16.	.91
+	HYDROGRAPH AT S170R	2738.	12.50	607.	163.	54.	3.42
+	3 COMBINED AT C170	19149.	13.08	6941.	1843.	616.	46.70
+	ROUTED TO 170180	19071.	13.17	6934.	1842.	615.	46.70
+	HYDROGRAPH AT S180	3266.	12.50	699.	181.	60.	3.80
+	2 COMBINED AT C180	20231.	13.17	7484.	1986.	664.	50.51
+	ROUTED TO 180190	19614.	13.42	7444.	1979.	661.	50.51
+	HYDROGRAPH AT S190L	3510.	12.25	539.	137.	46.	2.81
+	HYDROGRAPH AT S190R	3658.	12.50	801.	211.	70.	4.37
+	3 COMBINED AT C190	20736.	13.33	8463.	2253.	753.	57.69
+	ROUTED TO 190200	20542.	13.50	8423.	2248.	751.	57.69
+	HYDROGRAPH AT S200	4916.	12.17	711.	192.	64.	3.95
+	2 COMBINED AT C200	20658.	13.50	8934.	2397.	802.	61.64
+	ROUTED TO 200210	20461.	13.58	8903.	2390.	799.	61.64
+	HYDROGRAPH AT S210	6025.	12.83	1874.	534.	179.	10.35
+	2 COMBINED AT C210	23184.	13.58	10440.	2830.	947.	71.98
+	ROUTED TO 210220	23054.	13.67	10410.	2822.	944.	71.98
+	HYDROGRAPH AT S220	4247.	12.25	772.	219.	73.	3.63
+	2 COMBINED AT C220	23381.	13.58	10990.	2997.	1003.	75.62
+	ROUTED TO 220230	23258.	13.67	10959.	2989.	1000.	75.62
+	HYDROGRAPH AT S230	2560.	12.25	477.	134.	45.	1.84
+	2 COMBINED AT C230	23421.	13.67	11306.	3095.	1036.	77.46
+	ROUTED TO 230240	23381.	13.75	11291.	3092.	1035.	77.46
+	HYDROGRAPH AT S240	3195.	12.33	647.	177.	59.	2.63
+	2 COMBINED AT C240	23682.	13.67	11776.	3232.	1082.	80.08
+	ROUTED TO 240250	23514.	13.83	11730.	3222.	1078.	80.08
+	HYDROGRAPH AT S250	5744.	12.50	1394.	388.	129.	5.89
+	2 COMBINED AT C250	24576.	13.75	12817.	3537.	1184.	85.97
+	ROUTED TO 250260	24570.	13.75	12812.	3535.	1183.	85.97
+	HYDROGRAPH AT S260L	3368.	12.50	823.	233.	78.	3.78
+	HYDROGRAPH AT S260R	2488.	12.17	414.	115.	38.	1.65

+	3 COMBINED AT C260	25352.	13.67	13742.	3811.	1276.	91.40
+	HYDROGRAPH AT S270	3596.	12.75	1050.	302.	101.	4.86
+	ROUTED TO 270300	3335.	13.17	1039.	292.	98.	4.86
+	HYDROGRAPH AT S280	4745.	12.58	1253.	369.	123.	5.93
+	ROUTED TO 280295	4404.	12.83	1208.	327.	109.	5.93
+	HYDROGRAPH AT S290	6583.	12.67	1603.	461.	154.	7.64
+	2 COMBINED AT C295	10315.	12.75	2711.	763.	254.	13.57
+	ROUTED TO 295300	10251.	12.75	2706.	759.	253.	13.57
+	2 COMBINED AT C300	12656.	12.83	3626.	1018.	340.	18.43
+	ROUTED TO 300310	12591.	12.83	3620.	1013.	338.	18.43
+	HYDROGRAPH AT S310	2858.	12.33	483.	129.	43.	2.39
+	2 COMBINED AT C310L	13791.	12.83	4026.	1122.	374.	20.82
+	2 COMBINED AT C310	32702.	13.25	17160.	4768.	1596.	112.22
+	ROUTED TO 310390	32680.	13.25	17142.	4762.	1593.	112.22
+	HYDROGRAPH AT S320	951.	12.00	101.	28.	9.	.45
+	ROUTED TO 320340	934.	12.08	101.	27.	9.	.45
+	HYDROGRAPH AT S330	281.	12.08	49.	14.	5.	.16
+	ROUTED TO 330340	274.	12.17	49.	14.	5.	.16
+	HYDROGRAPH AT S340L	431.	12.08	54.	15.	5.	.24
+	HYDROGRAPH AT S340R	124.	12.00	19.	6.	2.	.06
+	4 COMBINED AT C340	1758.	12.08	223.	62.	21.	.92
+	ROUTED TO 340350	1697.	12.08	223.	62.	21.	.92
+	HYDROGRAPH AT S350	317.	12.08	39.	11.	4.	.16
+	2 COMBINED AT C350	2008.	12.08	261.	73.	24.	1.08
+	ROUTED TO 350360	1880.	12.25	261.	73.	24.	1.08
+	HYDROGRAPH AT S360	836.	12.25	140.	39.	13.	.58
+	2 COMBINED AT C360	2678.	12.25	395.	110.	37.	1.66
+	ROUTED TO 360370	2611.	12.25	394.	110.	37.	1.66
+	HYDROGRAPH AT S370	658.	12.08	116.	38.	13.	.34
+	2 COMBINED AT C370	3095.	12.25	505.	146.	49.	2.00
+	ROUTED TO 370385	3045.	12.33	505.	146.	49.	2.00
+	HYDROGRAPH AT S380	960.	12.00	121.	36.	12.	.42
+	ROUTED TO 380385	920.	12.00	121.	36.	12.	.42
+	2 COMBINED AT C385	3509.	12.25	619.	180.	60.	2.42
+	ROUTED TO 385390	3470.	12.25	619.	180.	60.	2.42
	HYDROGRAPH AT						

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+                    S390      634.   12.08        88.        25.        8.       .35

2 COMBINED AT
+                   C390L     3913.   12.25       701.       204.       68.      2.77

2 COMBINED AT
+                    C390    33148.   13.17     17664.      4923.     1648.    114.99

ROUTED TO
+                  390400    32947.   13.42     17458.      4887.     1632.    114.99

HYDROGRAPH AT
+                    S400     3680.   12.33       730.       202.       67.      3.06

2 COMBINED AT
+                   C400R    33597.   13.25     17939.      5043.     1685.    118.05

HYDROGRAPH AT
+                   S400L     4571.   12.67      1106.       310.      104.      5.03

2 COMBINED AT
+                    C400    36093.   13.00     18780.      5290.     1768.    123.07

ROUTED TO
+                  400410    35697.   13.25     18715.      5275.     1762.    123.07

HYDROGRAPH AT
+                    S410     2239.   12.17       352.        97.       32.      1.31

2 COMBINED AT
+                    C410    35850.   13.25     18896.      5348.     1786.    124.38
1                                          HEC-1 INPUT                                    PAGE  1

 LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

               *
    1          ID   Start Willdan model
               *
    2          IT       5                      900
    3          IO       5
    4          IN      15
               *  RAINFALL DEPTH OF 4.20 WAS SPACIALLY REDUCED AS SHOWN BY THE JD RECORD
               *  THE FOLLOWING PC RECORDS USED A 24-HR SCS TYPE II STORM
    5          JD   3.847    0.01
    6          PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
    7          PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
    8          PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
    9          PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
   10          PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
   11          PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
   12          PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
   13          PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
   14          PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
   15          PC    .983    .986    .989    .992    .995    .998   1.000
   16          JD   3.847    1.00
   17          JD   3.847   10.00
   18          JD   3.847   20.00
   19          JD   3.847   70.00
   20          JD   3.847  130.00
   21          JD   3.847  200.00
               *

   22          KK    3085
   23          KM   Sub-Basin   3085
   24          KM
   25          KM      The Clark Unit Hydrograph is used for this basin.
   26          KM          The Natural time-area relation is used for this basin.
   27          KM
   28          KM      Time of Concentration for this sub-basin is based on the following:
   29          KM          An rainfall areal reduction factor of 1.000
   30          KM
   31          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
   32          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
   33          KM   .26 .25 .25 .25 .25 .24 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
   34          KM
   35          KM          L=   0.663 miles, S=  114 feet/mile, Kb= .03
   36          KM
   37          BA  0.1125
   38          LG   0.35    0.34    3.53    0.62    0.60
   39          UC   0.221   0.173
   40          UA      0       3       5       8      12      20      43      75      90      96
   41          UA    100
               *

   42          KK  RECALL
   43          BI    C410      21
               *
1                                          HEC-1 INPUT                                    PAGE  2

 LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

   44          KK  410509
   45          KM   ROUTE C410 TO C509
   46          KM   THRU CAVE CREEK WASH
   47          RS       1    FLOW      -1
   48          RC    0.08   0.045    0.15    2800  0.0075
   49          RX       0      40     140     360     400     410     610     720
   50          RY     100      85      85      84      84      90      90      91
               *

   51          KK    C509
   52          KM   COMBINE SUB 3085 & 410509
   53          HC       2  124.46
               *
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 54          KK  509518
 55          KM   ROUTE C3085 TO C4510A
 56          KM   THRU CAVE CREEK WASH
 57          RS       7    FLOW      -1
 58          RC   0.080   0.045   0.150   14500  0.0086
 59          RX       0      50     750     850     900     905     910     915
 60          RY     102     101      91      89    89.5      98     100     101
             *

 61          KK    4510
 62          KM   Sub-Basin   4510
 63          KM
 64          KM      The Clark Unit Hydrograph is used for this basin.
 65          KM          The Natural time-area relation is used for this basin.
 66          KM
 67          KM      Time of Concentration for this sub-basin is based on the following:
 68          KM          An rainfall areal reduction factor of 1.000
 69          KM
 70          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 71          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 72          KM   .33 .33 .33 .33 .33 .33 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
 73          KM
 74          KM          L=   3.333 miles, S=   49 feet/mile, Kb= .04
 75          KM
 76          BA  1.3790
 77          LG    0.33    0.23    8.80    0.06    2.20
 78          UC   0.792   0.623
 79          UA       0       3       5       8      12      20      43      75      90      96
 80          UA     100
             *

 81          KK  C4510A
 82          KM   COMBINE SUB BASIN 4510 & R3085
 83          HC       2
             *
1                                        HEC-1 INPUT                                          PAGE  3

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 84          KK    1210
 85          KM   Sub-Basin   1210
 86          KM
 87          KM      The Clark Unit Hydrograph is used for this basin.
 88          KM          The Natural time-area relation is used for this basin.
 89          KM
 90          KM      Time of Concentration for this sub-basin is based on the following:
 91          KM          An rainfall areal reduction factor of 1.000
 92          KM
 93          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 94          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 95          KM   .31 .31 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
 96          KM
 97          KM          L=   0.495 miles, S=  167 feet/mile, Kb= .04
 98          KM
 99          BA  1.1361
100          LG    0.27    0.25    5.30    0.24   13.20
101          UC   0.188   0.031
102          UA       0       3       5       8      12      20      43      75      90      96
103          UA     100
             *

104          KK  529531
105          KM   ROUTE SUB 1215 TO C1220
106          RS       6    FLOW      -1
107          RC    0.08    0.04    0.08    9600  0.0214
108          RX       0     100     200     245     278     347     447     547
109          RY     100      99      98      93      93      98      99     100
             *

110          KK    1215
111          KM   Sub-Basin   1215
112          KM
113          KM      The Clark Unit Hydrograph is used for this basin.
114          KM          The Natural time-area relation is used for this basin.
115          KM
116          KM      Time of Concentration for this sub-basin is based on the following:
117          KM          An rainfall areal reduction factor of 1.000
118          KM
119          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
120          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
121          KM   .31 .31 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
122          KM
123          KM          L=   1.477 miles, S=  132 feet/mile, Kb= .05
124          KM
125          BA  0.1869
126          LG    0.22    0.25    5.00    0.30   25.90
127          UC   0.396   0.470
128          UA       0       3       5       8      12      20      43      75      90      96
129          UA     100
             *
1                                        HEC-1 INPUT                                          PAGE  4

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


130          KK  530531
131          KM   ROUTE SUB 1215 TO C1220
132          RS       3    FLOW      -1
133          RC    0.08    0.04    0.08    6400  0.0211
134          RX       0     100     200     245     278     347     447     547
135          RY     100      99      98      93      93      98      99     100
             *

136          KK    1220
137          KM   Sub-Basin   1220
```

```
138          KM
139          KM      The Clark Unit Hydrograph is used for this basin.
140          KM          The Natural time-area relation is used for this basin.
141          KM
142          KM      Time of Concentration for this sub-basin is based on the following:
143          KM          An rainfall areal reduction factor of 1.000
144          KM
145          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
146          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
147          KM   .31 .31 .30 .30 .30 .30 .02 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01
148          KM
149          KM          L=   1.818 miles, S=  137 feet/mile, Kb= .04
150          KM
151          BA  0.7121
152          LG   0.25    0.25    4.80    0.31   16.70
153          UC   0.396   0.259
154          UA      0       3       5       8      12      20      43      75      90      96
155          UA    100
             *

156          KK   C531
157          KM   COMBINE SUB 1220, R1210 & R1215
158          HC      3
             *

159          KK  531500
160          KM   ROUTE C1220 TO C1230
161          RS      3    FLOW      -1
162          RC   0.08    0.03    0.08    5900  0.0229
163          RX      0     100     200     206     238     242     342     442
164          RY    100      99      98    96.5    96.5      98      99     100
             *

165          KK   1230
166          KM   Sub-Basin   1230
167          KM
168          KM      The Clark Unit Hydrograph is used for this basin.
169          KM          The Natural time-area relation is used for this basin.
170          KM
171          KM      Time of Concentration for this sub-basin is based on the following:
172          KM          An rainfall areal reduction factor of 1.000
173          KM
174          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
175          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
```

1 HEC-1 INPUT PAGE 5

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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

176          KM   .31 .31 .31 .31 .30 .30 .03 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01
177          KM
178          KM          L=   2.386 miles, S=  119 feet/mile, Kb= .05
179          KM
180          BA  0.5440
181          LG   0.26    0.27    5.20    0.26   14.00
182          UC   0.504   0.491
183          UA      0       3       5       8      12      20      43      75      90      96
184          UA    100
             *

185          KK   C500
186          KM   COMBINE SUB 1230 & R1220
187          HC      2
             *

188          KK  500501
189          KM   ROUTE C1230 TO C1240
190          RS      2    FLOW      -1
191          RC   0.10   0.050    0.10    4400  0.0182
192          RX      0     100     200     216     230     238     338     438
193          RY    100      99      98      94      94    98.4    99.4   100.4
             *

194          KK   1240
195          KM   Sub-Basin   1240
196          KM
197          KM      The Clark Unit Hydrograph is used for this basin.
198          KM          The Natural time-area relation is used for this basin.
199          KM
200          KM      Time of Concentration for this sub-basin is based on the following:
201          KM          An rainfall areal reduction factor of 1.000
202          KM
203          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
204          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
205          KM   .32 .32 .32 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
206          KM
207          KM          L=   1.780 miles, S=  110 feet/mile, Kb= .05
208          KM
209          BA  0.3355
210          LG   0.21    0.29    5.60    0.22   27.70
211          UC   0.446   0.446
212          UA      0       3       5       8      12      20      43      75      90      96
213          UA    100
             *

214          KK   C501
215          KM   COMBINE SUB 1240 & R1230
216          HC      2
             *
```

1 HEC-1 INPUT PAGE 6

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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

217          KK  501502
218          KM   ROUTE C1240 TO C3045
219          RS      2    FLOW      -1
```

```
 220          RC    0.06   0.030    0.06    4400  0.0193
 221          RX       0     100     200     219     250     257     357     457
 222          RY     100      99      98      97      97    98.7    99.7   100.7
              *

 223          KK    3045
 224          KM   Sub-Basin   3045
 225          KM
 226          KM      The Clark Unit Hydrograph is used for this basin.
 227          KM          The Natural time-area relation is used for this basin.
 228          KM
 229          KM      Time of Concentration for this sub-basin is based on the following:
 230          KM          An rainfall areal reduction factor of 1.000
 231          KM
 232          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 233          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 234          KM   .32 .32 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
 235          KM
 236          KM          L=   1.307 miles, S=  103 feet/mile, Kb= .05
 237          KM
 238          BA  0.2324
 239          LG    0.20    0.27    5.60    0.23   25.60
 240          UC   0.392   0.372
 241          UA       0       3       5       8      12      20      43      75      90      96
 242          UA     100
              *

 243          KK    C502
 244          KM   COMBINE SUB 3045 & R1240
 245          HC       2
              *

 246          KK  502503
 247          KM   ROUTE C3045 TO C3050
 248          RS       4    FLOW      -1
 249          RC    0.08   0.035    0.08    6800  0.0191
 250          RX       0     100     200     212     242     254     354     454
 251          RY     100      99      98      96      96      98      99     100
              *

 252          KK    3050
 253          KM   Sub-Basin   3050
 254          KM
 255          KM      The Clark Unit Hydrograph is used for this basin.
 256          KM          The Natural time-area relation is used for this basin.
 257          KM
 258          KM      Time of Concentration for this sub-basin is based on the following:
 259          KM          An rainfall areal reduction factor of 1.000
 260          KM
 261          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 262          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 263          KM   .32 .32 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .02 .02 .02 .02 .02 .02
 264          KM
 265          KM          L=   1.269 miles, S=  106 feet/mile, Kb= .05
 266          KM
 267          BA  0.2937
 268          LG    0.17    0.25    4.70    0.34   40.00
 269          UC   0.388   0.314
 270          UA       0       3       5       8      12      20      43      75      90      96
 271          UA     100
              *

 272          KK    C503
 273          KM   COMBINE SUB 3050 & R3045
 274          HC       2
              *

 275          KK  503504
 276          KM   ROUTE C3050 TO C3060
 277          RS       4    FLOW      -1
 278          RC   0.055   0.040   0.055    7800  0.0167
 279          RX       0     100     200     207     217     225     325     425
 280          RY     100      99      98      96      95      98      99     100
              *

 281          KK    3060
 282          KM   Sub-Basin   3060
 283          KM
 284          KM      The Clark Unit Hydrograph is used for this basin.
 285          KM          The Natural time-area relation is used for this basin.
 286          KM
 287          KM      Time of Concentration for this sub-basin is based on the following:
 288          KM          An rainfall areal reduction factor of 1.000
 289          KM
 290          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 291          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 292          KM   .30 .30 .30 .30 .30 .29 .02 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01
 293          KM
 294          KM          L=   1.667 miles, S=   87 feet/mile, Kb= .05
 295          KM
 296          BA  0.3763
 297          LG    0.24    0.25    4.55    0.38   19.50
 298          UC   0.463   0.413
 299          UA       0       3       5       8      12      20      43      75      90      96
 300          UA     100
              *

 301          KK   C504L
 302          KM   COMBINE SUB 3060 & R3050
 303          HC       2
              *
```

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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 304          KK    3000
 305          KM   Sub-Basin   3000
 306          KM
 307          KM      The Clark Unit Hydrograph is used for this basin.
 308          KM          The Natural time-area relation is used for this basin.
 309          KM
 310          KM      Time of Concentration for this sub-basin is based on the following:
 311          KM          An rainfall areal reduction factor of 1.000
 312          KM
 313          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 314          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 315          KM   .33 .33 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
 316          KM
 317          KM          L=   1.989 miles, S=  116 feet/mile, Kb= .05
 318          KM
 319          BA  0.3335
 320          LG    0.21    0.20    6.60    0.15   25.50
 321          UC   0.446   0.489
 322          UA       0       3       5       8      12      20      43      75      90      96
 323          UA     100
              *

 324          KK  507506
 325          KM   ROUTE SUB 3000 TO C3010
 326          RS       3    FLOW      -1
 327          RC    0.09   0.050    0.09    6500  0.0162
 328          RX       0     100     200     203     213     216     316     416
 329          RY     100      99      98      97      97      98      99     100
              *

 330          KK    3010
 331          KM   Sub-Basin   3010
 332          KM
 333          KM      The Clark Unit Hydrograph is used for this basin.
 334          KM          The Natural time-area relation is used for this basin.
 335          KM
 336          KM      Time of Concentration for this sub-basin is based on the following:
 337          KM          An rainfall areal reduction factor of 1.000
 338          KM
 339          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 340          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 341          KM   .33 .33 .33 .33 .33 .33 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
 342          KM
 343          KM          L=   1.364 miles, S=   88 feet/mile, Kb= .05
 344          KM
 345          BA  0.1956
 346          LG    0.24    0.15    7.30    0.12   20.00
 347          UC   0.425   0.465
 348          UA       0       3       5       8      12      20      43      75      90      96
 349          UA     100
              *
1                                          HEC-1 INPUT                                          PAGE  9

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 350          KK   C506R
 351          KM   COMBINE SUB 3010 & R3000
 352          HC       2
              *

 353          KK    3020
 354          KM   Sub-Basin   3020
 355          KM
 356          KM      The Clark Unit Hydrograph is used for this basin.
 357          KM          The Natural time-area relation is used for this basin.
 358          KM
 359          KM      Time of Concentration for this sub-basin is based on the following:
 360          KM          An rainfall areal reduction factor of 1.000
 361          KM
 362          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 363          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 364          KM   .32 .32 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
 365          KM
 366          KM          L=   1.629 miles, S=  107 feet/mile, Kb= .05
 367          KM
 368          BA  0.3245
 369          LG    0.17    0.26    5.40    0.23   38.00
 370          UC   0.454   0.432
 371          UA       0       3       5       8      12      20      43      75      90      96
 372          UA     100
              *

 373          KK  505506
 374          KM   ROUTE C3020 TO C3030
 375          RS       3    FLOW      -1
 376          RC    0.09   0.050    0.09    5700  0.0167
 377          RX       0     100     200     203     213     216     316     416
 378          RY     100      99      98      97      97      98      99     100
              *

 379          KK    3030
 380          KM   Sub-Basin   3030
 381          KM
 382          KM      The Clark Unit Hydrograph is used for this basin.
 383          KM          The Natural time-area relation is used for this basin.
 384          KM
 385          KM      Time of Concentration for this sub-basin is based on the following:
 386          KM          An rainfall areal reduction factor of 1.000
 387          KM
 388          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 389          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
```

```
390          KM   .31 .31 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
391          KM
392          KM          L=   1.155 miles, S=   91 feet/mile, Kb= .05
393          KM
394          BA  0.1940
395          LG    0.24    0.25    5.40    0.25   20.00
396          UC   0.388   0.369
397          UA       0       3       5       8      12      20      43      75      90      96
1                                          HEC-1 INPUT                                          PAGE 10

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

398          UA     100
             *

399          KK   C506L
400          KM   COMBINE SUB 3030 & R3020
401          HC       2
             *

402          KK    C506
403          KM   COMBINE C3030A & C3010
404          HC       2
             *

405          KK  506504
406          KM   ROUTE C3030B TO C3040
407          RS       2    FLOW      -1
408          RC    0.08    0.04    0.08    3100  0.0145
409          RX       0     100     200     210     216     222     322     422
410          RY     100      99      98      95      95      96      99     100
             *

411          KK    3040
412          KM   Sub-Basin   3040
413          KM
414          KM      The Clark Unit Hydrograph is used for this basin.
415          KM          The Natural time-area relation is used for this basin.
416          KM
417          KM      Time of Concentration for this sub-basin is based on the following:
418          KM          An rainfall areal reduction factor of 1.000
419          KM
420          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
421          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
422          KM   .34 .33 .33 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .02 .02
423          KM
424          KM          L=   1.023 miles, S=   78 feet/mile, Kb= .05
425          KM
426          BA  0.1198
427          LG    0.25    0.15    8.00    0.09   17.50
428          UC   0.388   0.441
429          UA       0       3       5       8      12      20      43      75      90      96
430          UA     100
             *

431          KK    C504
432          KM   COMBINE SUB 3040 & R3030
433          HC       2
             *

434          KK  504508
435          KM   ROUTE C3040 TO C3060B
436          RS       1    FLOW      -1
437          RC    0.07    0.04    0.07     900  0.0111
438          RX       0     100     200     210     229     232     332     436
439          RY     100      99      98      96      96      97      99     100
             *
1                                          HEC-1 INPUT                                          PAGE 11

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

440          KK    C508
441          KM   COMBINE C3060A & R3040
442          HC       2
             *

443          KK  508510
444          KM   ROUTE C3060B TO C3090
445          RS       2    FLOW      -1
446          RC    0.07   0.045    0.07    2800  0.0125
447          RX       0     100     200     205     242     246     346     446
448          RY     100      99      98    96.5    96.5    98.5    99.5   100.5
             *

449          KK    1340
450          KM   Sub-Basin   1340
451          KM
452          KM      The Clark Unit Hydrograph is used for this basin.
453          KM          The Natural time-area relation is used for this basin.
454          KM
455          KM      Time of Concentration for this sub-basin is based on the following:
456          KM          An rainfall areal reduction factor of 1.000
457          KM
458          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
459          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
460          KM   .32 .31 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
461          KM
462          KM          L=   3.996 miles, S=  115 feet/mile, Kb= .04
463          KM
464          BA  1.6795
465          LG    0.26    0.27    5.70    0.21   15.00
466          UC   0.638   0.506
467          UA       0       3       5       8      12      20      43      75      90      96
468          UA     100
             *
```

```
469          KK  510511
470          KM   ROUTE SUB 1340 TO C3125
471          RS      5     FLOW      -1
472          RC   0.06   0.040    0.06    9300  0.0199
473          RX      0     100     200     202     235     265     365     465
474          RY    100      99      98    96.0    96.0    98.5    99.5   100.5
             *

475          KK    3125
476          KM   Sub-Basin   3125
477          KM
478          KM      The Clark Unit Hydrograph is used for this basin.
479          KM          The Natural time-area relation is used for this basin.
480          KM
481          KM      Time of Concentration for this sub-basin is based on the following:
482          KM          An rainfall areal reduction factor of 1.000
483          KM
484          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
485          KM      5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

486          KM   .32 .32 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
487          KM
488          KM          L=   1.989 miles, S=  108 feet/mile, Kb= .05
489          KM
490          BA  0.4829
491          LG   0.20    0.27    5.30    0.25   27.30
492          UC   0.458   0.409
493          UA      0       3       5       8      12      20      43      75      90      96
494          UA    100
             *

495          KK    C511
496          KM   COMBINE SUB 3125 & R1340
497          HC      2
             *

498          KK  511512
499          KM   ROUTE C3125 TO C3130
500          RS      4     FLOW      -1
501          RC   0.060   0.045   0.060    7500  0.0193
502          RX      0     100     200     210     236     246     346     446
503          RY    100      99      98      97      97      98      99     100
             *

504          KK    3130
505          KM   Sub-Basin   3130
506          KM
507          KM      The Clark Unit Hydrograph is used for this basin.
508          KM          The Natural time-area relation is used for this basin.
509          KM
510          KM      Time of Concentration for this sub-basin is based on the following:
511          KM          An rainfall areal reduction factor of 1.000
512          KM
513          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
514          KM      5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
515          KM   .31 .31 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .02 .02 .02 .02 .02 .02
516          KM
517          KM          L=   1.496 miles, S=   97 feet/mile, Kb= .05
518          KM
519          BA  0.2425
520          LG   0.17    0.25    4.45    0.39   38.50
521          UC   0.438   0.457
522          UA      0       3       5       8      12      20      43      75      90      96
523          UA    100
             *

524          KK    C512
525          KM   COMBINE SUB 3130 & R3125
526          HC      2
             *
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

527          KK  512510
528          KM   ROUTE C3130 TO C3090
529          RS      5     FLOW      -1
530          RC   0.055   0.040   0.055    9300  0.0161
531          RX      0     100     200     207     217     225     325     425
532          RY    100      99      98      95      95      98      99     100
             *

533          KK    3090
534          KM   Sub-Basin   3090
535          KM
536          KM      The Clark Unit Hydrograph is used for this basin.
537          KM          The Natural time-area relation is used for this basin.
538          KM
539          KM      Time of Concentration for this sub-basin is based on the following:
540          KM          An rainfall areal reduction factor of 1.000
541          KM
542          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
543          KM      5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
544          KM   .32 .31 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
545          KM
546          KM          L=   1.837 miles, S=   84 feet/mile, Kb= .05
547          KM
548          BA  0.4183
549          LG   0.25    0.25    5.60    0.23   17.60
550          UC   0.479   0.437
551          UA      0       3       5       8      12      20      43      75      90      96
```

```
552          UA     100
             *

553          KK   C510R
554          KM   COMBINE SUB 3090, R3130 & R3060
555          HC       3
             *

556          KK    3070
557          KM   Sub-Basin   3070
558          KM
559          KM      The Clark Unit Hydrograph is used for this basin.
560          KM          The Natural time-area relation is used for this basin.
561          KM
562          KM      Time of Concentration for this sub-basin is based on the following:
563          KM          An rainfall areal reduction factor of 1.000
564          KM
565          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
566          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
567          KM   .34 .34 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
568          KM
569          KM          L=   2.500 miles, S=   76 feet/mile, Kb= .05
570          KM
571          BA  0.2211
572          LG   0.26    0.15    8.80    0.06   11.80
573          UC   0.617   1.064
574          UA       0       3       5       8      12      20      43      75      90      96
1                                          HEC-1 INPUT                                          PAGE 14

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

575          UA     100
             *

576          KK    3080
577          KM   Sub-Basin   3080
578          KM
579          KM      The Clark Unit Hydrograph is used for this basin.
580          KM          The Natural time-area relation is used for this basin.
581          KM
582          KM      Time of Concentration for this sub-basin is based on the following:
583          KM          An rainfall areal reduction factor of 1.000
584          KM
585          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
586          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
587          KM   .35 .35 .34 .34 .34 .34 .06 .06 .06 .06 .06 .06 .04 .04 .04 .04 .04 .04
588          KM
589          KM          L=   1.951 miles, S=   67 feet/mile, Kb= .05
590          KM
591          BA  0.4678
592          LG   0.27    0.09   11.20    0.02    9.60
593          UC   0.504   0.455
594          UA       0       3       5       8      12      20      43      75      90      96
595          UA     100
             *

596          KK    C510
597          KM   COMBINE SUB 3080, SUB 3070 & C3090A
598          HC       3
             *

599          KK  510517
600          KM   ROUTE C3090B TO C3100
601          RS       5    FLOW      -1
602          RC    0.05   0.040    0.05    9500  0.0111
603          RX       0     100     200     245     278     300     400     500
604          RY     100      99      98    95.5    95.5   100.5   101.5   102.5
             *
             *

605          KK    3100
606          KM   Sub-Basin   3100
607          KM
608          KM      The Clark Unit Hydrograph is used for this basin.
609          KM          The Natural time-area relation is used for this basin.
610          KM
611          KM      Time of Concentration for this sub-basin is based on the following:
612          KM          An rainfall areal reduction factor of 1.000
613          KM
614          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
615          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
616          KM   .33 .33 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .01 .01
617          KM
618          KM          L=   2.330 miles, S=   58 feet/mile, Kb= .05
619          KM
620          BA  0.4320
1                                          HEC-1 INPUT                                          PAGE 15

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

621          LG   0.30    0.21    7.00    0.12    6.40
622          UC   0.638   0.713
623          UA       0       3       5       8      12      20      43      75      90      96
624          UA     100
             *

625          KK   C517R
626          KM   COMBINE SUB 3100 & R3090
627          HC       2
             *

628          KK    3120
629          KM   Sub-Basin   3120
630          KM
631          KM      The Clark Unit Hydrograph is used for this basin.
632          KM          The Natural time-area relation is used for this basin.
```

```
 633          KM
 634          KM      Time of Concentration for this sub-basin is based on the following:
 635          KM          An rainfall areal reduction factor of 1.000
 636          KM
 637          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 638          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 639          KM   .34 .34 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .03 .03
 640          KM
 641          KM          L=   2.576 miles, S=   74 feet/mile, Kb= .04
 642          KM
 643          BA  0.6259
 644          LG    0.27    0.16    8.40    0.07   11.20
 645          UC   0.592   0.575
 646          UA       0       3       5       8      12      20      43      75      90      96
 647          UA     100
              *

 648          KK    C517
 649          KM   COMBINE SUB 3120 & C3100
 650          HC       2
              *

 651          KK    C518
 652          KO       1                                21
 653          KM   COMBINE C4510A & C3120
 654          HC       2
              *

 655          KK  518527
 656          KM   ROUTE C4510B TO C4520
 657          KM   THRU CAVE CREEK WASH
 658          RS       5    FLOW      -1
 659          RC    0.08   0.045    0.15    9000  0.0067
 660          RX       0      50    1000    1030    1080    1082    1200    1300
 661          RY     100      94      93      90    89.0     97.     100     102
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 662          KK    4520
 663          KM   Sub-Basin   4520
 664          KM
 665          KM      The Clark Unit Hydrograph is used for this basin.
 666          KM          The Natural time-area relation is used for this basin.
 667          KM
 668          KM      Time of Concentration for this sub-basin is based on the following:
 669          KM          An rainfall areal reduction factor of 1.000
 670          KM
 671          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 672          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 673          KM   .33 .33 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
 674          KM
 675          KM          L=   2.159 miles, S=   28 feet/mile, Kb= .04
 676          KM
 677          BA  0.7093
 678          LG    0.29    0.25    7.30    0.11    9.90
 679          UC   0.825   0.673
 680          UA       0       3       5       8      12      20      43      75      90      96
 681          UA     100
              *

 682          KK   C527R
 683          KM   COMBINE SUB 4520 & R4510
 684          HC       2
              *

 685          KK    3135
 686          KM   Sub-Basin   3135
 687          KM
 688          KM      The Clark Unit Hydrograph is used for this basin.
 689          KM          The Natural time-area relation is used for this basin.
 690          KM
 691          KM      Time of Concentration for this sub-basin is based on the following:
 692          KM          An rainfall areal reduction factor of 1.000
 693          KM
 694          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 695          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 696          KM   .30 .30 .30 .30 .30 .30 .02 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01
 697          KM
 698          KM          L=   0.568 miles, S=   88 feet/mile, Kb= .06
 699          KM
 700          BA  0.0622
 701          LG    0.24    0.25    4.60    0.37   20.00
 702          UC   0.304   0.306
 703          UA       0       3       5       8      12      20      43      75      90      96
 704          UA     100
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 705          KK  514516
 706          KM   ROUTE SUB 3135 TO C3140
 707          RS       6    FLOW      -1
 708          RC   0.055   0.040   0.055   11600  0.0151
 709          RX       0     100     200     207     217     225     325     425
 710          RY     100      99      98      95      95      98      99     100
              *

 711          KK    3140
 712          KM   Sub-Basin   3140
 713          KM
 714          KM      The Clark Unit Hydrograph is used for this basin.
```

```
715          KM          The Natural time-area relation is used for this basin.
716          KM
717          KM      Time of Concentration for this sub-basin is based on the following:
718          KM          An rainfall areal reduction factor of 1.000
719          KM
720          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
721          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
722          KM   .32 .32 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
723          KM
724          KM          L=   2.254 miles, S=   78 feet/mile, Kb= .04
725          KM
726          BA  0.4747
727          LG   0.25    0.25    5.70    0.22   17.10
728          UC   0.542   0.549
729          UA      0       3       5       8      12      20      43      75      90      96
730          UA    100
             *

731          KK    C516
732          KM   COMBINE SUB 3140 & R3135
733          HC       2
             *

734          KK  516527
735          KM   ROUTE C3140 TO C3150A
736          RS       7    FLOW      -1
737          RC   0.055   0.045   0.055   13000  0.0096
738          RX       0     100     200     210     235     244     344     444
739          RY     100      99      98      95      96      98      99     100
             *

740          KK    3150
741          KM   Sub-Basin   3150
742          KM
743          KM      The Clark Unit Hydrograph is used for this basin.
744          KM          The Natural time-area relation is used for this basin.
745          KM
746          KM      Time of Concentration for this sub-basin is based on the following:
747          KM          An rainfall areal reduction factor of 1.000
748          KM
749          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
750          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
```



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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

751          KM   .32 .32 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .01 .01 .01 .01 .01 .01
752          KM
753          KM          L=   2.519 miles, S=   50 feet/mile, Kb= .05
754          KM
755          BA  0.6108
756          LG   0.30    0.24    6.80    0.13    7.10
757          UC   0.725   0.718
758          UA      0       3       5       8      12      20      43      75      90      96
759          UA    100
             *

760          KK   C527L
761          KM   COMBINE SUB 3150 & R3140
762          HC       2
             *
             *

763          KK    C527
764          KM   COMBINE C3150A & C4520
765          HC       2
             *

766          KK  527528
767          KM   ROUTE C3150B TO C4530
768          KM   THRU CAVE CREEK WASH
769          RS       1    FLOW      -1
770          RC   0.08    0.040   0.08    2000  0.0075
             *      0       40     230     270     340     490     620     900
             *    100       95      94      87      88      98      97   100.0
771          RX       0       40     230     270     340     490     620    1087
772          RY     102       95      94      87      88      98      97   102.0
             *

773          KK    3160
774          KM   Sub-Basin   3160
775          KM
776          KM      The Clark Unit Hydrograph is used for this basin.
777          KM          The Natural time-area relation is used for this basin.
778          KM
779          KM      Time of Concentration for this sub-basin is based on the following:
780          KM          An rainfall areal reduction factor of 1.000
781          KM
782          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
783          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
784          KM   .32 .32 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
785          KM
786          KM          L=   1.856 miles, S=  110 feet/mile, Kb= .05
787          KM
788          BA  0.4206
789          LG   0.21    0.25    5.40    0.24   25.30
790          UC   0.446   0.406
791          UA      0       3       5       8      12      20      43      75      90      96
792          UA    100
             *
```



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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

793          KK  513515
```

```
794          KM   ROUTE SUB 3160 TO C3170
795          RS       4    FLOW      -1
796          RC   0.055   0.045   0.055    6300  0.0159
797          RX       0     100     200     214     223     227     327     427
798          RY     100      99      98      95      95      98      99     100
             *

799          KK    3170
800          KM   Sub-Basin   3170
801          KM
802          KM      The Clark Unit Hydrograph is used for this basin.
803          KM          The Natural time-area relation is used for this basin.
804          KM
805          KM      Time of Concentration for this sub-basin is based on the following:
806          KM          An rainfall areal reduction factor of 1.000
807          KM
808          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
809          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
810          KM   .30 .30 .30 .30 .29 .29 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01 .01 .01
811          KM
812          KM          L=   1.250 miles, S=   80 feet/mile, Kb= .05
813          KM
814          BA  0.3972
815          LG    0.24    0.25    4.50    0.40   20.00
816          UC   0.413   0.280
817          UA       0       3       5       8      12      20      43      75      90      96
818          UA     100
             *

819          KK    C515
820          KM   COMBINE SUB 3170 & R3160
821          HC       2
             *

822          KK  515523
823          KM   ROUTE C3170 TO C3180A
824          RS       7    FLOW      -1
825          RC    0.05   0.040    0.05   12200  0.0148
826          RX       0     100     200     207     217     225     325     425
827          RY     100      99      98      96      95      98      99     100
             *

828          KK    3180
829          KM   Sub-Basin   3180
830          KM
831          KM      The Clark Unit Hydrograph is used for this basin.
832          KM          The Natural time-area relation is used for this basin.
833          KM
834          KM      Time of Concentration for this sub-basin is based on the following:
835          KM          An rainfall areal reduction factor of 1.000
836          KM
837          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
838          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
```



```
LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

839          KM   .34 .33 .33 .33 .33 .33 .05 .05 .05 .05 .05 .05 .03 .03 .03 .03 .02 .02
840          KM
841          KM          L=   2.614 miles, S=   75 feet/mile, Kb= .04
842          KM
843          BA  0.3230
844          LG    0.25    0.15    8.00    0.09   17.40
845          UC   0.596   0.855
846          UA       0       3       5       8      12      20      43      75      90      96
847          UA     100
             *

848          KK   C523R
849          KM   COMBINE SUB 3180 & R3170
850          HC       2
             *

851          KK    1360
852          KM   Sub-Basin   1360
853          KM
854          KM      The Clark Unit Hydrograph is used for this basin.
855          KM          The Natural time-area relation is used for this basin.
856          KM
857          KM      Time of Concentration for this sub-basin is based on the following:
858          KM          An rainfall areal reduction factor of 1.000
859          KM
860          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
861          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
862          KM   .32 .32 .32 .32 .32 .32 .04 .04 .04 .04 .04 .04 .02 .02 .02 .02 .02 .02
863          KM
864          KM          L=   2.064 miles, S=  239 feet/mile, Kb= .04
865          KM
866          BA  0.6761
867          LG    0.18    0.28    5.30    0.23   38.80
868          UC   0.350   0.258
869          UA       0       3       5       8      12      20      43      75      90      96
870          UA     100
             *

871          KK    3190
872          KM   Sub-Basin   3190
873          KM
874          KM      The Clark Unit Hydrograph is used for this basin.
875          KM          The Natural time-area relation is used for this basin.
876          KM
877          KM      Time of Concentration for this sub-basin is based on the following:
878          KM          An rainfall areal reduction factor of 1.000
879          KM
880          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
881          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
```

```
882          KM   .31 .31 .31 .31 .31 .31 .03 .03 .03 .03 .03 .03 .01 .01 .01 .01 .01 .01
883          KM
884          KM          L=   1.875 miles, S=  226 feet/mile, Kb= .05
885          KM
886          BA  0.4274
887          LG    0.25    0.28    5.40    0.23   18.40
1                                        HEC-1 INPUT                                                    PAGE 21

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

888          UC   0.354   0.314
889          UA       0       3       5       8      12      20      43      75      90      96
890          UA     100
             *

891          KK    C519
892          KM   COMBINE SUB 3190 & SUB 1360
893          HC       2
             *

894          KK  519520
895          KM   ROUTE C3190 TO C3200
896          RS       6    FLOW      -1
897          RC    0.05   0.040    0.05   10400  0.0188
898          RX       0     100     200     245     278     300     400     500
899          RY     100      99      98    96.5    96.5   100.5   101.5   102.5
             *

900          KK    3200
901          KM   Sub-Basin   3200
902          KM
903          KM      The Clark Unit Hydrograph is used for this basin.
904          KM          The Natural time-area relation is used for this basin.
905          KM
906          KM      Time of Concentration for this sub-basin is based on the following:
907          KM          An rainfall areal reduction factor of 1.000
908          KM
909          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
910          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
911          KM   .32 .32 .32 .32 .32 .32 .04 .04 .04 .03 .03 .03 .01 .01 .01 .01 .01 .01
912          KM
913          KM          L=   1.989 miles, S=   98 feet/mile, Kb= .04
914          KM
915          BA  0.6854
916          LG    0.25    0.22    6.20    0.18   15.50
917          UC   0.454   0.331
918          UA       0       3       5       8      12      20      43      75      90      96
919          UA     100
             *

920          KK    C520
921          KM   COMBINE SUB 3200 & R3190
922          HC       2
             *

923          KK  520521
924          KM   ROUTE C3200 TO C3210
925          RS       1    FLOW      -1
926          RC    0.05   0.035    0.05    2300  0.0152
927          RX       0     100     200     207     235     246     346     446
928          RY     100      99      98      95      95      98      99     100
             *
1                                        HEC-1 INPUT                                                    PAGE 22

LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

929          KK    3210
930          KM   Sub-Basin   3210
931          KM
932          KM      The Clark Unit Hydrograph is used for this basin.
933          KM          The Natural time-area relation is used for this basin.
934          KM
935          KM      Time of Concentration for this sub-basin is based on the following:
936          KM          An rainfall areal reduction factor of 1.000
937          KM
938          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
939          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
940          KM   .29 .29 .29 .29 .29 .28 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
941          KM
942          KM          L=   0.417 miles, S=   83 feet/mile, Kb= .05
943          KM
944          BA  0.0840
945          LG    0.24    0.25    4.15    0.49   20.20
946          UC   0.258   0.168
947          UA       0       3       5       8      12      20      43      75      90      96
948          UA     100
             *

949          KK    C521
950          KM   COMBINE SUB BASIN 3210 & R3200
951          HC       2
             *

952          KK  521532
953          KM   ROUTE C3210 TO C3220A
954          RS       2    FLOW      -1
955          RC    0.05   0.035    0.05    3900  0.0179
956          RX       0     100     200     207     235     246     346     446
957          RY     100      99      98      97      97      98      99     100
             *

958          KK   3220A
959          KM   Sub-Basin  3220A
960          KM
961          KM      The Clark Unit Hydrograph is used for this basin.
```

```
 962          KM          The Natural time-area relation is used for this basin.
 963          KM
 964          KM      Time of Concentration for this sub-basin is based on the following:
 965          KM          An rainfall areal reduction factor of 1.000
 966          KM
 967          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
 968          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
 969          KM   .30 .30 .30 .30 .30 .29 .02 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01
 970          KM
 971          KM          L=   0.966 miles, S=   88 feet/mile, Kb= .05
 972          KM
 973          BA  0.2174
 974          LG    0.18    0.25    4.20    0.46   28.50
 975          UC   0.363   0.278
 976          UA       0       3       5       8      12      20      43      75      90      96
1                                          HEC-1 INPUT                                          PAGE 23

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 977          UA     100
              *

 978          KK   C532I
 979          KM   COMBINE SUB 3220A & R3210
 980          HC       2
              *

 981          KK   C532O
 982          KM   ROUTE C3220A TO C3220B (CULVERT # 5)
 983          RS       1    FLOW      -1
 984          SV       0 0.00172 0.00689 0.01550 0.02750 0.05170 0.08260 0.09524 0.10579 0.14987
 985          SV  .12050 0.12050 0.12050 0.12050
 986          SQ       0      36     102     189     290     531     819     819     819     819
 987          SQ     877    1017    1213    1732
              *

 988          KK  532523
 989          KM   ROUTE S3220A TO C3220B
 990          RS       3    FLOW      -1
 991          RC    0.05   0.035    0.05   6000.  0.0133
 992          RX       0     100     200     207     235     246     346     446
 993          RY     100      99      98      97      97      98      99     100
              *

 994          KK   3220B
 995          KM   Sub-Basin  3220B
 996          KM
 997          KM      The Clark Unit Hydrograph is used for this basin.
 998          KM          The Natural time-area relation is used for this basin.
 999          KM
1000          KM      Time of Concentration for this sub-basin is based on the following:
1001          KM          An rainfall areal reduction factor of 1.000
1002          KM
1003          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
1004          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
1005          KM   .29 .29 .29 .29 .28 .28 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
1006          KM
1007          KM          L=   1.288 miles, S=  101 feet/mile, Kb= .05
1008          KM
1009          BA  0.3604
1010          LG    0.23    0.25    3.88    0.51   18.10
1011          UC   0.396   0.290
1012          UA       0       3       5       8      12      20      43      75      90      96
1013          UA     100
              *

1014          KK   C523L
1015          KM   COMBINE SUB 3220B & R3220A
1016          HC       2
              *
1                                          HEC-1 INPUT                                          PAGE 24

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1017          KK    C523
1018          KM   COMBINE C3180A & C3220B
1019          HC       2
              *

1020          KK  523526
1021          KM   ROUTE C3180B TO C3230A
1022          RS       5    FLOW      -1
1023          RC   0.055   0.045   0.055   10100  0.0099
1024          RX       0     100     200     210     235     244     344     444
1025          RY     100      99      98      96      96      98      99     100
              *

1026          KK    3230
1027          KM   Sub-Basin   3230
1028          KM
1029          KM      The Clark Unit Hydrograph is used for this basin.
1030          KM          The Natural time-area relation is used for this basin.
1031          KM
1032          KM      Time of Concentration for this sub-basin is based on the following:
1033          KM          An rainfall areal reduction factor of 1.000
1034          KM
1035          KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
1036          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
1037          KM   .31 .31 .31 .30 .30 .30 .03 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01
1038          KM
1039          KM          L=   1.932 miles, S=   60 feet/mile, Kb= .05
1040          KM
1041          BA  0.3438
1042          LG    0.26    0.28    5.20    0.26   14.80
1043          UC   0.596   0.648
```

```
1044        UA       0       3       5       8      12      20      43      75      90      96
1045        UA     100
            *

1046        KK   C526R
1047        KM   COMBINE SUB 3230 & R3180
1048        HC       2
            *

1049        KK    3240
1050        KM   Sub-Basin   3240
1051        KM
1052        KM      The Clark Unit Hydrograph is used for this basin.
1053        KM          The Natural time-area relation is used for this basin.
1054        KM
1055        KM      Time of Concentration for this sub-basin is based on the following:
1056        KM          An rainfall areal reduction factor of 1.000
1057        KM
1058        KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
1059        KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
1060        KM   .30 .29 .29 .29 .29 .29 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
1061        KM
1062        KM          L=   0.739 miles, S=   74 feet/mile, Kb= .06
```



```
LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1063        KM
1064        BA  0.1266
1065        LG    0.22    0.25    4.15    0.49   22.40
1066        UC   0.375   0.318
1067        UA       0       3       5       8      12      20      43      75      90      96
1068        UA     100
            *
            *

1069        KK  522524
1070        KM   ROUTE C3240 TO S3250A
1071        RS       2    FLOW      -1
1072        RC    0.06   0.040    0.06    3000  0.0183
1073        RX       0     100     200     207     224     231     331     431
1074        RY     100      99      98      97      97      98      99     100
            *

1075        KK   3250A
1076        KM   Sub-Basin  3250A
1077        KM
1078        KM      The Clark Unit Hydrograph is used for this basin.
1079        KM          The Natural time-area relation is used for this basin.
1080        KM
1081        KM      Time of Concentration for this sub-basin is based on the following:
1082        KM          An rainfall areal reduction factor of 1.000
1083        KM
1084        KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
1085        KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
1086        KM   .30 .30 .30 .30 .30 .29 .02 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01
1087        KM
1088        KM          L=   0.682 miles, S=   96 feet/mile, Kb= .06
1089        KM
1090        BA  0.1903
1091        LG    0.18    0.25    4.15    0.47   30.00
1092        UC   0.313   0.193
1093        UA       0       3       5       8      12      20      43      75      90      96
1094        UA     100
            *

1095        KK   C524I
1096        KM   COMBINE SUB 3250A & R3240
1097        HC       2
            *

1098        KK   C524O
1099        KM   ROUTE C3250A THRU CULVERTS
1100        RS       1    FLOW      -1
1101        SV       0       0 0.00100 0.00689 0.01550 0.02750 0.08260 0.12050 0.15030
1102        SQ       0      15      42      76     117     212     325     325     325
            *
```



```
LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1103        KK  524525
1104        KM   ROUTE S3250A TO C3250B
1105        RS       3    FLOW      -1
1106        RC    0.06   0.040    0.06    9300  0.0124
1107        RX       0     100     200     207     224     231     331     431
1108        RY     100      99      98      97      97      98      99     100
            *

1109        KK   3250B
1110        KM   Sub-Basin  3250B
1111        KM
1112        KM      The Clark Unit Hydrograph is used for this basin.
1113        KM          The Natural time-area relation is used for this basin.
1114        KM
1115        KM      Time of Concentration for this sub-basin is based on the following:
1116        KM          An rainfall areal reduction factor of 1.000
1117        KM
1118        KM       EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
1119        KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
1120        KM   .30 .30 .30 .30 .30 .29 .02 .02 .02 .02 .02 .01 .01 .01 .01 .01 .01 .01
1121        KM
1122        KM          L=   1.799 miles, S=   67 feet/mile, Kb= .05
1123        KM
1124        BA  0.7391
```

```
1125          LG    0.21    0.25    4.35    0.41   22.30
1126          UC   0.542   0.356
1127          UA       0       3       5       8      12      20      43      75      90      96
1128          UA     100
              *

1129          KK    C525
1130          KM   COMBINE SUB 3250B & R3250A
1131          HC       2
              *

1132          KK  525526
1133          KM   ROUTE C3250B TO C3230B
1134          RS       3    FLOW      -1
1135          RC    0.06   0.040    0.06    5800  0.0103
1136          RX       0     100     200     207     224     231     331     431
1137          RY     100      99      98      97      97      98      99     100
              *

1138          KK    C526
1139          KM   COMBINE R3250B & C3230A
1140          KM   TOTAL EAST SIDE CAVE CREEK WASH FLOWS
1141          HC       2
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1142          KK  526528
1143          KM   ROUTE C3230B TO C4530
1144          KM   THRU CAVE CREEK WASH
1145          RS       1    FLOW      -1
1146          RC    0.08   0.035    0.06    1100  0.0136
1147          RX       0     100     200     210     260     280     300     350
1148          RY     100      99      98      97      97      98      99     100
              *

1149          KK    4530
1150          KM   Sub-Basin   4530
1151          KM
1152          KM      The Clark Unit Hydrograph is used for this basin.
1153          KM          The Natural time-area relation is used for this basin.
1154          KM
1155          KM      Time of Concentration for this sub-basin is based on the following:
1156          KM          An rainfall areal reduction factor of 1.000
1157          KM
1158          KM        EXCESS RAINFALL VALUES EXCEEDED IN 5-MINUTE INTERVALS
1159          KM     5  10  15  20  25  30  35  40  45  50  55  60  65  70  75  80  85  90
1160          KM   .25 .25 .24 .24 .24 .23 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1161          KM
1162          KM          L=   0.644 miles, S=   55 feet/mile, Kb= .06
1163          KM
1164          BA  0.0450
1165          LG    0.35    0.35    3.40    0.68    0.00
1166          UC   0.404   0.558
1167          UA       0       3       5       8      12      20      43      75      90      96
1168          UA     100
              *

1169          KK   C528R
1170          KM   COMBINE SUB 4530 & R3150
1171          KM   TOTAL WEST SIDE CAVE CREEK WASH FLOWS
1172          HC       2
              *
              *

1173          KK    C528
1174          KO       1                                  21
1175          KM   COMBINE C4530A & C3230B
1176          KM   TOTAL CAVE CREEK WASH FLOWS TO CAVE CREEK DAM PONDING AREA
1177          HC       2
1178          ZZ
```

```
1*****************************************
 *                                       *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
 *              JUN   1998               *
 *           VERSION 4.1                 *
 *                                       *
 *  RUN DATE   07MAR01  TIME  15:14:02   *
 *                                       *
 *****************************************
```

```
*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
```

```
                    Start Willdan model

  3 IO        OUTPUT CONTROL VARIABLES
                    IPRNT          5  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE

   IT         HYDROGRAPH TIME DATA
                     NMIN          5  MINUTES IN COMPUTATION INTERVAL
                    IDATE      1    0  STARTING DATE
                    ITIME       0000  STARTING TIME
                       NQ        900  NUMBER OF HYDROGRAPH ORDINATES
                   NDDATE      4    0  ENDING DATE
                   NDTIME       0255  ENDING TIME
                    ICENT         19  CENTURY MARK

             COMPUTATION INTERVAL     .08 HOURS
                  TOTAL TIME BASE   74.92 HOURS
```

```
ENGLISH UNITS
     DRAINAGE AREA          SQUARE MILES
     PRECIPITATION DEPTH    INCHES
     LENGTH, ELEVATION      FEET
     FLOW                   CUBIC FEET PER SECOND
     STORAGE VOLUME         ACRE-FEET
     SURFACE AREA           ACRES
     TEMPERATURE            DEGREES FAHRENHEIT

 5 JD        INDEX STORM NO. 1
                 STRM        3.85  PRECIPITATION DEPTH
                 TRDA         .01  TRANSPOSITION DRAINAGE AREA

 6 PI          PRECIPITATION PATTERN
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                 .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                 .01       .01       .01       .01       .01       .01       .01       .01       .03       .03
                 .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
                 .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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16 JD        INDEX STORM NO. 2
                 STRM        3.85  PRECIPITATION DEPTH
                 TRDA        1.00  TRANSPOSITION DRAINAGE AREA

 0 PI          PRECIPITATION PATTERN
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                 .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
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                 .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
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17 JD        INDEX STORM NO. 3
                 STRM        3.85  PRECIPITATION DEPTH
                 TRDA       10.00  TRANSPOSITION DRAINAGE AREA

 0 PI          PRECIPITATION PATTERN
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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                 .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
                 .01       .01       .01       .01       .01       .01       .01       .01       .03       .03
                 .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
                 .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
                 .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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.00	.00	.00	.00	.00	.00	.00	.00		

18 JD INDEX STORM NO. 4
STRM 3.85 PRECIPITATION DEPTH
TRDA 20.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

19 JD INDEX STORM NO. 5
STRM 3.85 PRECIPITATION DEPTH
TRDA 70.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

20 JD INDEX STORM NO. 6
STRM 3.85 PRECIPITATION DEPTH
TRDA 130.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00

 21 JD         INDEX STORM NO. 7
                   STRM       3.85  PRECIPITATION DEPTH
                   TRDA     200.00  TRANSPOSITION DRAINAGE AREA

  0 PI           PRECIPITATION PATTERN
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
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             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .01       .00       .01
             .01       .01       .01       .01       .01       .01       .01       .01       .03       .03
             .03       .09       .09       .09       .01       .01       .01       .01       .01       .01
             .01       .01       .01       .01       .01       .01       .00       .00       .00       .00
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             .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
             .00       .00       .00       .00       .00       .00       .00       .00

 43 BI         READ STATION       C410 HYDROGRAPH FROM UNIT 21

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

               **************
               *            *
651 KK         *    C518    *
               *            *
               **************

652 KO           OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .083  TIME INTERVAL IN HOURS

                          COMBINE C4510A & C3120

654 HC           HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                          ***

*************************************************************************************************************************************

                                                 HYDROGRAPH AT      C518
                                              TRANSPOSITION AREA      .0 SQ MI

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DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW	*	DA MON	HRMN	ORD	FLOW
1	0000	1	0.	*	1	1845	226	5119.	*	2	1330	451	0.	*	3	0815	676	0.
1	0005	2	0.	*	1	1850	227	4924.	*	2	1335	452	0.	*	3	0820	677	0.
1	0010	3	0.	*	1	1855	228	4738.	*	2	1340	453	0.	*	3	0825	678	0.
1	0015	4	0.	*	1	1900	229	4563.	*	2	1345	454	0.	*	3	0830	679	0.
1	0020	5	0.	*	1	1905	230	4400.	*	2	1350	455	0.	*	3	0835	680	0.
1	0025	6	0.	*	1	1910	231	4247.	*	2	1355	456	0.	*	3	0840	681	0.
1	0030	7	0.	*	1	1915	232	4103.	*	2	1400	457	0.	*	3	0845	682	0.
1	0035	8	1.	*	1	1920	233	3967.	*	2	1405	458	0.	*	3	0850	683	0.
1	0040	9	1.	*	1	1925	234	3837.	*	2	1410	459	0.	*	3	0855	684	0.
1	0045	10	1.	*	1	1930	235	3714.	*	2	1415	460	0.	*	3	0900	685	0.
1	0050	11	2.	*	1	1935	236	3589.	*	2	1420	461	0.	*	3	0905	686	0.
1	0055	12	2.	*	1	1940	237	3463.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	2.	*	1	1945	238	3337.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	3.	*	1	1950	239	3213.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	3.	*	1	1955	240	3091.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	3.	*	1	2000	241	2973.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	3.	*	1	2005	242	2859.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	4.	*	1	2010	243	2748.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	4.	*	1	2015	244	2642.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	4.	*	1	2020	245	2542.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	5.	*	1	2025	246	2449.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	5.	*	1	2030	247	2357.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	6.	*	1	2035	248	2267.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	6.	*	1	2040	249	2179.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	7.	*	1	2045	250	2096.	*	2	1530	475	0.	*	3	1015	700	0.

1	0205	26	7.	*	1	2050	251	2016.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	8.	*	1	2055	252	1940.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	9.	*	1	2100	253	1869.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	9.	*	1	2105	254	1802.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	10.	*	1	2110	255	1739.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	11.	*	1	2115	256	1680.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	12.	*	1	2120	257	1625.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	13.	*	1	2125	258	1575.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	15.	*	1	2130	259	1528.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	16.	*	1	2135	260	1486.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	18.	*	1	2140	261	1446.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	20.	*	1	2145	262	1406.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	21.	*	1	2150	263	1369.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	24.	*	1	2155	264	1334.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	26.	*	1	2200	265	1301.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	28.	*	1	2205	266	1271.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	31.	*	1	2210	267	1242.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	35.	*	1	2215	268	1215.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	39.	*	1	2220	269	1188.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	43.	*	1	2225	270	1163.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	49.	*	1	2230	271	1138.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	57.	*	1	2235	272	1114.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	66.	*	1	2240	273	1090.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	77.	*	1	2245	274	1068.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	96.	*	1	2250	275	1045.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	114.	*	1	2255	276	1024.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	130.	*	1	2300	277	1004.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	145.	*	1	2305	278	984.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	158.	*	1	2310	279	965.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	172.	*	1	2315	280	946.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	184.	*	1	2320	281	929.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	195.	*	1	2325	282	912.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	206.	*	1	2330	283	895.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	217.	*	1	2335	284	879.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	227.	*	1	2340	285	864.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	237.	*	1	2345	286	849.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	247.	*	1	2350	287	834.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	257.	*	1	2355	288	821.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	266.	*	2	0000	289	807.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	276.	*	2	0005	290	795.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	286.	*	2	0010	291	784.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	296.	*	2	0015	292	775.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	306.	*	2	0020	293	767.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	316.	*	2	0025	294	760.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	327.	*	2	0030	295	752.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	339.	*	2	0035	296	743.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	354.	*	2	0040	297	733.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	367.	*	2	0045	298	723.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	378.	*	2	0050	299	712.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	388.	*	2	0055	300	702.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	397.	*	2	0100	301	691.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	405.	*	2	0105	302	680.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	413.	*	2	0110	303	668.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	421.	*	2	0115	304	657.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	428.	*	2	0120	305	645.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	435.	*	2	0125	306	634.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	442.	*	2	0130	307	622.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	448.	*	2	0135	308	609.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	455.	*	2	0140	309	597.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	462.	*	2	0145	310	584.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	468.	*	2	0150	311	571.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	475.	*	2	0155	312	558.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	482.	*	2	0200	313	545.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	488.	*	2	0205	314	531.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	495.	*	2	0210	315	517.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	501.	*	2	0215	316	503.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	508.	*	2	0220	317	488.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	515.	*	2	0225	318	474.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	521.	*	2	0230	319	459.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	528.	*	2	0235	320	444.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	535.	*	2	0240	321	429.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	542.	*	2	0245	322	414.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	549.	*	2	0250	323	399.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	556.	*	2	0255	324	384.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	564.	*	2	0300	325	370.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	571.	*	2	0305	326	356.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	579.	*	2	0310	327	343.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	587.	*	2	0315	328	332.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	595.	*	2	0320	329	321.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	604.	*	2	0325	330	313.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	612.	*	2	0330	331	306.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	621.	*	2	0335	332	298.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	631.	*	2	0340	333	290.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	641.	*	2	0345	334	282.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	651.	*	2	0350	335	273.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	661.	*	2	0355	336	264.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	672.	*	2	0400	337	255.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	683.	*	2	0405	338	246.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	695.	*	2	0410	339	237.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	708.	*	2	0415	340	228.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	721.	*	2	0420	341	219.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	734.	*	2	0425	342	210.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	749.	*	2	0430	343	202.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	765.	*	2	0435	344	194.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	782.	*	2	0440	345	186.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	801.	*	2	0445	346	178.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	824.	*	2	0450	347	170.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	851.	*	2	0455	348	163.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	874.	*	2	0500	349	156.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	895.	*	2	0505	350	149.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	916.	*	2	0510	351	142.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	935.	*	2	0515	352	135.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	955.	*	2	0520	353	129.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	975.	*	2	0525	354	123.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	995.	*	2	0530	355	117.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1016.	*	2	0535	356	111.	*	3	0020	581	0.	*	3	1905	806	0.

1	1055	132	1038.	*	2	0540	357	105.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1061.	*	2	0545	358	100.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1085.	*	2	0550	359	95.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1112.	*	2	0555	360	90.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1141.	*	2	0600	361	86.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1173.	*	2	0605	362	81.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1209.	*	2	0610	363	78.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1251.	*	2	0615	364	74.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1303.	*	2	0620	365	71.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1370.	*	2	0625	366	69.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1455.	*	2	0630	367	67.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1575.	*	2	0635	368	65.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1760.	*	2	0640	369	63.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	2034.	*	2	0645	370	62.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2417.	*	2	0650	371	61.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2970.	*	2	0655	372	60.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3746.	*	2	0700	373	59.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4750.	*	2	0705	374	57.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5897.	*	2	0710	375	56.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	7130.	*	2	0715	376	55.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	8583.	*	2	0720	377	53.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	10470.	*	2	0725	378	51.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	13013.	*	2	0730	379	50.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	16376.	*	2	0735	380	48.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	20597.	*	2	0740	381	46.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	25535.	*	2	0745	382	45.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	30953.	*	2	0750	383	43.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	36328.	*	2	0755	384	41.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	41269.	*	2	0800	385	39.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	45416.	*	2	0805	386	37.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	48485.	*	2	0810	387	36.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	50440.	*	2	0815	388	34.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	51606.	*	2	0820	389	32.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	52195.	*	2	0825	390	30.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	52446.	*	2	0830	391	29.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	52418.	*	2	0835	392	27.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	52150.	*	2	0840	393	25.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	51657.	*	2	0845	394	24.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	50968.	*	2	0850	395	22.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	50129.	*	2	0855	396	21.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	49146.	*	2	0900	397	19.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	48054.	*	2	0905	398	18.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	46939.	*	2	0910	399	17.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	45806.	*	2	0915	400	15.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	44650.	*	2	0920	401	14.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	43456.	*	2	0925	402	13.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	42217.	*	2	0930	403	12.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	40892.	*	2	0935	404	11.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	39467.	*	2	0940	405	10.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	37963.	*	2	0945	406	9.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	36399.	*	2	0950	407	8.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	34817.	*	2	0955	408	8.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	33217.	*	2	1000	409	7.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	31632.	*	2	1005	410	6.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	30107.	*	2	1010	411	6.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	28649.	*	2	1015	412	5.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	27242.	*	2	1020	413	5.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	25914.	*	2	1025	414	4.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	24682.	*	2	1030	415	4.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	23500.	*	2	1035	416	3.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	22392.	*	2	1040	417	3.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	21377.	*	2	1045	418	3.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	20418.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	19484.	*	2	1055	420	2.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	18596.	*	2	1100	421	2.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	17776.	*	2	1105	422	2.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	17001.	*	2	1110	423	2.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	16244.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	15507.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	14796.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	14118.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	13453.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	12821.	*	2	1140	429	1.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	12234.	*	2	1145	430	1.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	11697.	*	2	1150	431	1.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	11190.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	10698.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	10226.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	9779.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	9366.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	8986.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	8621.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	8276.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	7949.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	7639.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	7345.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	7069.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	6799.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	6530.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	6266.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	6011.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5766.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	5534.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	5320.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 52446.	13.75		26160.	7431.	2484.	2387.
		(INCHES)	1.796	2.041	2.047	2.047
		(AC-FT)	12972.	14738.	14779.	14779.

CUMULATIVE AREA = 135.39 SQ MI

HYDROGRAPH AT C518
TRANSPOSITION AREA 1.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	5109.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4915.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4729.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	4555.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	4392.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	4240.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	4097.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	3961.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	3831.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	3708.	2		1415	460	0.	3		0900	685	0.
1		0050	11	2.	1		1935	236	3583.	2		1420	461	0.	3		0905	686	0.
1		0055	12	2.	1		1940	237	3457.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	3331.	2		1430	463	0.	3		0915	688	0.
1		0105	14	3.	1		1950	239	3207.	2		1435	464	0.	3		0920	689	0.
1		0110	15	3.	1		1955	240	3086.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	2968.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	2853.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	2743.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	2637.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	2537.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	2444.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	2352.	2		1515	472	0.	3		1000	697	0.
1		0150	23	6.	1		2035	248	2262.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	2175.	2		1525	474	0.	3		1010	699	0.
1		0200	25	7.	1		2045	250	2091.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	2012.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	1936.	2		1540	477	0.	3		1025	702	0.
1		0215	28	9.	1		2100	253	1865.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	1798.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	1736.	2		1555	480	0.	3		1040	705	0.
1		0230	31	11.	1		2115	256	1677.	2		1600	481	0.	3		1045	706	0.
1		0235	32	12.	1		2120	257	1622.	2		1605	482	0.	3		1050	707	0.
1		0240	33	13.	1		2125	258	1572.	2		1610	483	0.	3		1055	708	0.
1		0245	34	15.	1		2130	259	1526.	2		1615	484	0.	3		1100	709	0.
1		0250	35	16.	1		2135	260	1484.	2		1620	485	0.	3		1105	710	0.
1		0255	36	18.	1		2140	261	1443.	2		1625	486	0.	3		1110	711	0.
1		0300	37	19.	1		2145	262	1404.	2		1630	487	0.	3		1115	712	0.
1		0305	38	21.	1		2150	263	1366.	2		1635	488	0.	3		1120	713	0.
1		0310	39	23.	1		2155	264	1331.	2		1640	489	0.	3		1125	714	0.
1		0315	40	26.	1		2200	265	1299.	2		1645	490	0.	3		1130	715	0.
1		0320	41	28.	1		2205	266	1268.	2		1650	491	0.	3		1135	716	0.
1		0325	42	31.	1		2210	267	1240.	2		1655	492	0.	3		1140	717	0.
1		0330	43	35.	1		2215	268	1212.	2		1700	493	0.	3		1145	718	0.
1		0335	44	39.	1		2220	269	1186.	2		1705	494	0.	3		1150	719	0.
1		0340	45	43.	1		2225	270	1161.	2		1710	495	0.	3		1155	720	0.
1		0345	46	49.	1		2230	271	1136.	2		1715	496	0.	3		1200	721	0.
1		0350	47	56.	1		2235	272	1112.	2		1720	497	0.	3		1205	722	0.
1		0355	48	66.	1		2240	273	1088.	2		1725	498	0.	3		1210	723	0.
1		0400	49	76.	1		2245	274	1065.	2		1730	499	0.	3		1215	724	0.
1		0405	50	96.	1		2250	275	1043.	2		1735	500	0.	3		1220	725	0.
1		0410	51	114.	1		2255	276	1022.	2		1740	501	0.	3		1225	726	0.
1		0415	52	129.	1		2300	277	1002.	2		1745	502	0.	3		1230	727	0.
1		0420	53	144.	1		2305	278	982.	2		1750	503	0.	3		1235	728	0.
1		0425	54	158.	1		2310	279	963.	2		1755	504	0.	3		1240	729	0.
1		0430	55	171.	1		2315	280	944.	2		1800	505	0.	3		1245	730	0.
1		0435	56	183.	1		2320	281	927.	2		1805	506	0.	3		1250	731	0.
1		0440	57	195.	1		2325	282	910.	2		1810	507	0.	3		1255	732	0.
1		0445	58	206.	1		2330	283	893.	2		1815	508	0.	3		1300	733	0.
1		0450	59	216.	1		2335	284	877.	2		1820	509	0.	3		1305	734	0.
1		0455	60	226.	1		2340	285	862.	2		1825	510	0.	3		1310	735	0.
1		0500	61	236.	1		2345	286	847.	2		1830	511	0.	3		1315	736	0.
1		0505	62	246.	1		2350	287	833.	2		1835	512	0.	3		1320	737	0.
1		0510	63	256.	1		2355	288	819.	2		1840	513	0.	3		1325	738	0.
1		0515	64	266.	2		0000	289	806.	2		1845	514	0.	3		1330	739	0.
1		0520	65	275.	2		0005	290	794.	2		1850	515	0.	3		1335	740	0.
1		0525	66	285.	2		0010	291	783.	2		1855	516	0.	3		1340	741	0.
1		0530	67	295.	2		0015	292	774.	2		1900	517	0.	3		1345	742	0.
1		0535	68	305.	2		0020	293	766.	2		1905	518	0.	3		1350	743	0.
1		0540	69	315.	2		0025	294	759.	2		1910	519	0.	3		1355	744	0.
1		0545	70	326.	2		0030	295	751.	2		1915	520	0.	3		1400	745	0.
1		0550	71	338.	2		0035	296	741.	2		1920	521	0.	3		1405	746	0.
1		0555	72	352.	2		0040	297	732.	2		1925	522	0.	3		1410	747	0.
1		0600	73	366.	2		0045	298	721.	2		1930	523	0.	3		1415	748	0.
1		0605	74	377.	2		0050	299	711.	2		1935	524	0.	3		1420	749	0.
1		0610	75	387.	2		0055	300	700.	2		1940	525	0.	3		1425	750	0.
1		0615	76	396.	2		0100	301	689.	2		1945	526	0.	3		1430	751	0.
1		0620	77	404.	2		0105	302	678.	2		1950	527	0.	3		1435	752	0.
1		0625	78	412.	2		0110	303	667.	2		1955	528	0.	3		1440	753	0.
1		0630	79	419.	2		0115	304	656.	2		2000	529	0.	3		1445	754	0.
1		0635	80	427.	2		0120	305	644.	2		2005	530	0.	3		1450	755	0.
1		0640	81	434.	2		0125	306	632.	2		2010	531	0.	3		1455	756	0.
1		0645	82	441.	2		0130	307	620.	2		2015	532	0.	3		1500	757	0.
1		0650	83	447.	2		0135	308	608.	2		2020	533	0.	3		1505	758	0.
1		0655	84	454.	2		0140	309	596.	2		2025	534	0.	3		1510	759	0.
1		0700	85	461.	2		0145	310	583.	2		2030	535	0.	3		1515	760	0.
1		0705	86	467.	2		0150	311	570.	2		2035	536	0.	3		1520	761	0.
1		0710	87	474.	2		0155	312	557.	2		2040	537	0.	3		1525	762	0.
1		0715	88	480.	2		0200	313	544.	2		2045	538	0.	3		1530	763	0.
1		0720	89	487.	2		0205	314	530.	2		2050	539	0.	3		1535	764	0.
1		0725	90	494.	2		0210	315	516.	2		2055	540	0.	3		1540	765	0.
1		0730	91	500.	2		0215	316	502.	2		2100	541	0.	3		1545	766	0.
1		0735	92	507.	2		0220	317	487.	2		2105	542	0.	3		1550	767	0.
1		0740	93	514.	2		0225	318	473.	2		2110	543	0.	3		1555	768	0.
1		0745	94	520.	2		0230	319	458.	2		2115	544	0.	3		1600	769	0.
1		0750	95	527.	2		0235	320	443.	2		2120	545	0.	3		1605	770	0.

1	0755	96	534.	*	2	0240	321	428.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	541.	*	2	0245	322	413.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	548.	*	2	0250	323	398.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	555.	*	2	0255	324	384.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	562.	*	2	0300	325	369.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	570.	*	2	0305	326	356.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	577.	*	2	0310	327	343.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	585.	*	2	0315	328	331.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	594.	*	2	0320	329	321.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	602.	*	2	0325	330	312.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	611.	*	2	0330	331	305.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	620.	*	2	0335	332	298.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	629.	*	2	0340	333	290.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	639.	*	2	0345	334	282.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	649.	*	2	0350	335	273.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	660.	*	2	0355	336	264.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	671.	*	2	0400	337	254.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	682.	*	2	0405	338	245.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	694.	*	2	0410	339	236.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	706.	*	2	0415	340	227.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	719.	*	2	0420	341	218.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	732.	*	2	0425	342	210.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	747.	*	2	0430	343	201.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	763.	*	2	0435	344	193.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	780.	*	2	0440	345	185.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	799.	*	2	0445	346	177.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	821.	*	2	0450	347	170.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	848.	*	2	0455	348	163.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	871.	*	2	0500	349	155.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	893.	*	2	0505	350	148.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	913.	*	2	0510	351	142.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	933.	*	2	0515	352	135.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	953.	*	2	0520	353	129.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	973.	*	2	0525	354	122.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	993.	*	2	0530	355	116.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	1014.	*	2	0535	356	111.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1036.	*	2	0540	357	105.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1059.	*	2	0545	358	100.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1083.	*	2	0550	359	95.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1109.	*	2	0555	360	90.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1138.	*	2	0600	361	85.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1171.	*	2	0605	362	81.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1207.	*	2	0610	363	77.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1248.	*	2	0615	364	74.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1300.	*	2	0620	365	71.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1367.	*	2	0625	366	69.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1452.	*	2	0630	367	67.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1572.	*	2	0635	368	65.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1757.	*	2	0640	369	63.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	2030.	*	2	0645	370	62.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2412.	*	2	0650	371	61.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2965.	*	2	0655	372	60.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3740.	*	2	0700	373	59.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4743.	*	2	0705	374	57.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5888.	*	2	0710	375	56.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	7117.	*	2	0715	376	55.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	8564.	*	2	0720	377	53.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	10441.	*	2	0725	378	51.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	12972.	*	2	0730	379	50.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	16318.	*	2	0735	380	48.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	20521.	*	2	0740	381	46.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	25437.	*	2	0745	382	45.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	30832.	*	2	0750	383	43.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	36182.	*	2	0755	384	41.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	41098.	*	2	0800	385	39.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	45229.	*	2	0805	386	37.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	48302.	*	2	0810	387	36.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	50257.	*	2	0815	388	34.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	51435.	*	2	0820	389	32.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	52032.	*	2	0825	390	30.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	52284.	*	2	0830	391	29.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	52257.	*	2	0835	392	27.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	51988.	*	2	0840	393	26.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	51499.	*	2	0845	394	24.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	50817.	*	2	0850	395	22.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	49988.	*	2	0855	396	21.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	49003.	*	2	0900	397	19.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	47917.	*	2	0905	398	18.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	46815.	*	2	0910	399	17.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	45695.	*	2	0915	400	15.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	44548.	*	2	0920	401	14.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	43359.	*	2	0925	402	13.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	42123.	*	2	0930	403	12.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	40795.	*	2	0935	404	11.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	39373.	*	2	0940	405	10.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	37872.	*	2	0945	406	9.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	36311.	*	2	0950	407	8.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	34733.	*	2	0955	408	8.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	33133.	*	2	1000	409	7.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	31552.	*	2	1005	410	6.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	30035.	*	2	1010	411	6.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	28581.	*	2	1015	412	5.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	27180.	*	2	1020	413	5.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	25858.	*	2	1025	414	4.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	24631.	*	2	1030	415	4.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	23452.	*	2	1035	416	3.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	22349.	*	2	1040	417	3.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	21338.	*	2	1045	418	3.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	20381.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	19448.	*	2	1055	420	2.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	18563.	*	2	1100	421	2.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	17745.	*	2	1105	422	2.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	16971.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	16215.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	15478.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	14769.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.

1	1645	202	14092.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	13428.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	12797.	*	2	1140	429	1.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	12212.	*	2	1145	430	1.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	11677.	*	2	1150	431	1.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	11170.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	10679.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	10207.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	9762.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	9350.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	8970.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	8606.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	8261.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	7935.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	7626.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	7333.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	7057.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	6787.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	6518.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	6254.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5999.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5755.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	5524.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	5310.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 52284.	13.75	(CFS)	26090.	7411.	2477.	2381.
		(INCHES)	1.792	2.036	2.041	2.041
		(AC-FT)	12937.	14700.	14740.	14740.

CUMULATIVE AREA = 135.39 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4843.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4660.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4490.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	4330.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	4180.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	4038.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3904.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	3776.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	3651.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	3524.	2		1415	460	0.	3		0900	685	0.
1		0050	11	2.	1		1935	236	3397.	2		1420	461	0.	3		0905	686	0.
1		0055	12	2.	1		1940	237	3270.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	3146.	2		1430	463	0.	3		0915	688	0.
1		0105	14	3.	1		1950	239	3026.	2		1435	464	0.	3		0920	689	0.
1		0110	15	3.	1		1955	240	2908.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	2795.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	2686.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	2582.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	2486.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	2392.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	2300.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	2210.	2		1515	472	0.	3		1000	697	0.
1		0150	23	6.	1		2035	248	2124.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	2041.	2		1525	474	0.	3		1010	699	0.
1		0200	25	7.	1		2045	250	1962.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	1888.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	1818.	2		1540	477	0.	3		1025	702	0.
1		0215	28	8.	1		2100	253	1752.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	1690.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	1633.	2		1555	480	0.	3		1040	705	0.
1		0230	31	11.	1		2115	256	1579.	2		1600	481	0.	3		1045	706	0.
1		0235	32	12.	1		2120	257	1531.	2		1605	482	0.	3		1050	707	0.
1		0240	33	13.	1		2125	258	1487.	2		1610	483	0.	3		1055	708	0.
1		0245	34	14.	1		2130	259	1444.	2		1615	484	0.	3		1100	709	0.
1		0250	35	16.	1		2135	260	1402.	2		1620	485	0.	3		1105	710	0.
1		0255	36	17.	1		2140	261	1363.	2		1625	486	0.	3		1110	711	0.
1		0300	37	19.	1		2145	262	1327.	2		1630	487	0.	3		1115	712	0.
1		0305	38	21.	1		2150	263	1293.	2		1635	488	0.	3		1120	713	0.
1		0310	39	23.	1		2155	264	1261.	2		1640	489	0.	3		1125	714	0.
1		0315	40	25.	1		2200	265	1231.	2		1645	490	0.	3		1130	715	0.
1		0320	41	27.	1		2205	266	1202.	2		1650	491	0.	3		1135	716	0.
1		0325	42	30.	1		2210	267	1175.	2		1655	492	0.	3		1140	717	0.
1		0330	43	33.	1		2215	268	1148.	2		1700	493	0.	3		1145	718	0.
1		0335	44	36.	1		2220	269	1122.	2		1705	494	0.	3		1150	719	0.
1		0340	45	40.	1		2225	270	1097.	2		1710	495	0.	3		1155	720	0.
1		0345	46	44.	1		2230	271	1073.	2		1715	496	0.	3		1200	721	0.
1		0350	47	50.	1		2235	272	1049.	2		1720	497	0.	3		1205	722	0.
1		0355	48	57.	1		2240	273	1026.	2		1725	498	0.	3		1210	723	0.
1		0400	49	65.	1		2245	274	1004.	2		1730	499	0.	3		1215	724	0.
1		0405	50	76.	1		2250	275	983.	2		1735	500	0.	3		1220	725	0.
1		0410	51	93.	1		2255	276	963.	2		1740	501	0.	3		1225	726	0.
1		0415	52	111.	1		2300	277	944.	2		1745	502	0.	3		1230	727	0.
1		0420	53	127.	1		2305	278	925.	2		1750	503	0.	3		1235	728	0.
1		0425	54	142.	1		2310	279	907.	2		1755	504	0.	3		1240	729	0.
1		0430	55	155.	1		2315	280	890.	2		1800	505	0.	3		1245	730	0.
1		0435	56	167.	1		2320	281	873.	2		1805	506	0.	3		1250	731	0.
1		0440	57	178.	1		2325	282	857.	2		1810	507	0.	3		1255	732	0.
1		0445	58	188.	1		2330	283	842.	2		1815	508	0.	3		1300	733	0.
1		0450	59	198.	1		2335	284	827.	2		1820	509	0.	3		1305	734	0.

1	0455	60	207.	*	1	2340	285	813.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	217.	*	1	2345	286	800.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	226.	*	1	2350	287	788.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	235.	*	1	2355	288	778.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	243.	*	2	0000	289	770.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	252.	*	2	0005	290	762.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	261.	*	2	0010	291	754.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	270.	*	2	0015	292	745.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	279.	*	2	0020	293	735.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	287.	*	2	0025	294	725.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	296.	*	2	0030	295	715.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	304.	*	2	0035	296	704.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	313.	*	2	0040	297	693.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	322.	*	2	0045	298	682.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	332.	*	2	0050	299	671.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	343.	*	2	0055	300	660.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	355.	*	2	0100	301	650.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	367.	*	2	0105	302	639.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	377.	*	2	0110	303	628.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	386.	*	2	0115	304	617.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	394.	*	2	0120	305	606.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	401.	*	2	0125	306	594.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	408.	*	2	0130	307	583.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	415.	*	2	0135	308	571.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	421.	*	2	0140	309	559.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	428.	*	2	0145	310	547.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	434.	*	2	0150	311	535.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	440.	*	2	0155	312	522.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	447.	*	2	0200	313	510.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	453.	*	2	0205	314	497.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	459.	*	2	0210	315	483.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	466.	*	2	0215	316	470.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	472.	*	2	0220	317	456.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	478.	*	2	0225	318	443.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	485.	*	2	0230	319	429.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	491.	*	2	0235	320	415.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	498.	*	2	0240	321	401.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	504.	*	2	0245	322	386.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	511.	*	2	0250	323	373.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	517.	*	2	0255	324	359.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	524.	*	2	0300	325	347.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	531.	*	2	0305	326	335.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	539.	*	2	0310	327	324.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	546.	*	2	0315	328	315.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	554.	*	2	0320	329	308.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	561.	*	2	0325	330	302.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	570.	*	2	0330	331	294.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	578.	*	2	0335	332	286.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	587.	*	2	0340	333	277.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	596.	*	2	0345	334	269.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	605.	*	2	0350	335	260.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	615.	*	2	0355	336	250.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	625.	*	2	0400	337	241.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	635.	*	2	0405	338	232.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	646.	*	2	0410	339	224.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	658.	*	2	0415	340	215.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	670.	*	2	0420	341	206.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	682.	*	2	0425	342	198.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	695.	*	2	0430	343	190.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	710.	*	2	0435	344	182.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	724.	*	2	0440	345	174.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	739.	*	2	0445	346	167.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	754.	*	2	0450	347	159.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	770.	*	2	0455	348	152.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	788.	*	2	0500	349	145.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	807.	*	2	0505	350	138.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	829.	*	2	0510	351	132.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	857.	*	2	0515	352	125.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	882.	*	2	0520	353	119.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	905.	*	2	0525	354	113.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	927.	*	2	0530	355	107.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	948.	*	2	0535	356	102.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	970.	*	2	0540	357	97.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	992.	*	2	0545	358	92.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1016.	*	2	0550	359	87.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1041.	*	2	0555	360	83.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1069.	*	2	0600	361	79.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1100.	*	2	0605	362	75.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1134.	*	2	0610	363	72.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1172.	*	2	0615	364	70.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1221.	*	2	0620	365	68.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1284.	*	2	0625	366	66.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1362.	*	2	0630	367	64.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1475.	*	2	0635	368	63.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1651.	*	2	0640	369	62.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1916.	*	2	0645	370	61.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2285.	*	2	0650	371	60.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2817.	*	2	0655	372	58.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3571.	*	2	0700	373	57.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4540.	*	2	0705	374	55.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5619.	*	2	0710	375	54.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	6756.	*	2	0715	376	52.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	8040.	*	2	0720	377	50.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	9677.	*	2	0725	378	49.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	11876.	*	2	0730	379	47.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	14782.	*	2	0735	380	45.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	18449.	*	2	0740	381	43.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	22808.	*	2	0745	382	41.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	27564.	*	2	0750	383	40.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	32265.	*	2	0755	384	38.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	36498.	*	2	0800	385	36.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	40061.	*	2	0805	386	34.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	42882.	*	2	0810	387	32.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	44962.	*	2	0815	388	31.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	46352.	*	2	0820	389	29.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	47144.	*	2	0825	390	27.	*	3	0310	615	0.	*	3	2155	840	0.

1	1345	166	47525.	*	2	0830	391	25.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	47589.	*	2	0835	392	24.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	47427.	*	2	0840	393	22.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	47093.	*	2	0845	394	21.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	46621.	*	2	0850	395	19.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	46022.	*	2	0855	396	18.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	45294.	*	2	0900	397	17.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	44452.	*	2	0905	398	15.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	43537.	*	2	0910	399	14.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	42514.	*	2	0915	400	13.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	41395.	*	2	0920	401	12.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	40230.	*	2	0925	402	11.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	39033.	*	2	0930	403	10.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	37790.	*	2	0935	404	9.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	36477.	*	2	0940	405	8.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	35060.	*	2	0945	406	8.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	33545.	*	2	0950	407	7.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	32019.	*	2	0955	408	6.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	30570.	*	2	1000	409	6.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	29204.	*	2	1005	410	5.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	27870.	*	2	1010	411	5.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	26589.	*	2	1015	412	4.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	25388.	*	2	1020	413	4.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	24233.	*	2	1025	414	3.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	23118.	*	2	1030	415	3.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	22069.	*	2	1035	416	3.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	21104.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	20167.	*	2	1045	418	2.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	19256.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	18392.	*	2	1055	420	2.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	17592.	*	2	1100	421	2.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	16823.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	16072.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	15341.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	14639.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	13964.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	13304.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	12680.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	12102.	*	2	1140	429	1.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	11573.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	11064.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	10572.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	10100.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	9656.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	9247.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	8866.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	8503.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	8159.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7834.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	7527.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	7237.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6964.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	6691.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	6423.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	6161.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5908.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5668.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5443.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	5235.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	5035.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 47589.	13.83	(CFS)	24060.	6853.	2290.	2201.
		(INCHES)	1.652	1.882	1.887	1.887
		(AC-FT)	11931.	13592.	13629.	13629.

CUMULATIVE AREA = 135.39 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	4702.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	4527.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	4365.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	4212.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	4068.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	3932.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	3802.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	1.	*	1		1920	233	3677.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	1.	*	1		1925	234	3550.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	1.	*	1		1930	235	3422.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	2.	*	1		1935	236	3294.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	2.	*	1		1940	237	3169.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	3047.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	3.	*	1		1950	239	2929.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	3.	*	1		1955	240	2814.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	3.	*	1		2000	241	2704.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	3.	*	1		2005	242	2599.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	4.	*	1		2010	243	2500.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	4.	*	1		2015	244	2406.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	4.	*	1		2020	245	2313.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	5.	*	1		2025	246	2222.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	5.	*	1		2030	247	2134.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	6.	*	1		2035	248	2050.	*	2		1520	473	0.	*	3		1005	698	0.

1	0155	24	6.	*	1	2040	249	1970.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	7.	*	1	2045	250	1895.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	7.	*	1	2050	251	1823.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	8.	*	1	2055	252	1756.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	8.	*	1	2100	253	1693.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	9.	*	1	2105	254	1634.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	10.	*	1	2110	255	1580.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	11.	*	1	2115	256	1530.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	12.	*	1	2120	257	1485.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	13.	*	1	2125	258	1442.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	14.	*	1	2130	259	1399.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	15.	*	1	2135	260	1360.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	17.	*	1	2140	261	1322.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	18.	*	1	2145	262	1288.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	20.	*	1	2150	263	1255.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	22.	*	1	2155	264	1224.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	24.	*	1	2200	265	1195.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	26.	*	1	2205	266	1167.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	29.	*	1	2210	267	1140.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	32.	*	1	2215	268	1114.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	35.	*	1	2220	269	1088.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	38.	*	1	2225	270	1063.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	42.	*	1	2230	271	1039.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	47.	*	1	2235	272	1016.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	53.	*	1	2240	273	994.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	60.	*	1	2245	274	972.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	70.	*	1	2250	275	952.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	80.	*	1	2255	276	932.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	100.	*	1	2300	277	913.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	117.	*	1	2305	278	895.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	132.	*	1	2310	279	878.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	147.	*	1	2315	280	861.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	159.	*	1	2320	281	845.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	170.	*	1	2325	282	830.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	180.	*	1	2330	283	815.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	189.	*	1	2335	284	802.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	198.	*	1	2340	285	790.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	207.	*	1	2345	286	779.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	215.	*	1	2350	287	771.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	224.	*	1	2355	288	763.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	232.	*	2	0000	289	755.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	241.	*	2	0005	290	746.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	249.	*	2	0010	291	736.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	258.	*	2	0015	292	725.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	266.	*	2	0020	293	715.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	274.	*	2	0025	294	704.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	282.	*	2	0030	295	693.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	290.	*	2	0035	296	682.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	298.	*	2	0040	297	671.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	306.	*	2	0045	298	660.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	314.	*	2	0050	299	650.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	323.	*	2	0055	300	639.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	332.	*	2	0100	301	628.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	341.	*	2	0105	302	618.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	352.	*	2	0110	303	607.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	364.	*	2	0115	304	596.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	374.	*	2	0120	305	585.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	382.	*	2	0125	306	574.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	390.	*	2	0130	307	563.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	397.	*	2	0135	308	552.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	404.	*	2	0140	309	540.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	410.	*	2	0145	310	528.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	417.	*	2	0150	311	516.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	423.	*	2	0155	312	504.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	429.	*	2	0200	313	492.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	435.	*	2	0205	314	479.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	442.	*	2	0210	315	466.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	448.	*	2	0215	316	453.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	454.	*	2	0220	317	440.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	460.	*	2	0225	318	427.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	466.	*	2	0230	319	413.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	473.	*	2	0235	320	400.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	479.	*	2	0240	321	386.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	485.	*	2	0245	322	373.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	492.	*	2	0250	323	360.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	498.	*	2	0255	324	347.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	505.	*	2	0300	325	336.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	511.	*	2	0305	326	325.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	518.	*	2	0310	327	316.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	526.	*	2	0315	328	309.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	533.	*	2	0320	329	303.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	540.	*	2	0325	330	295.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	548.	*	2	0330	331	287.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	556.	*	2	0335	332	279.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	565.	*	2	0340	333	270.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	573.	*	2	0345	334	261.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	582.	*	2	0350	335	252.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	592.	*	2	0355	336	243.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	601.	*	2	0400	337	234.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	612.	*	2	0405	338	226.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	622.	*	2	0410	339	217.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	633.	*	2	0415	340	208.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	645.	*	2	0420	341	200.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	657.	*	2	0425	342	192.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	669.	*	2	0430	343	184.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	683.	*	2	0435	344	176.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	697.	*	2	0440	345	168.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	711.	*	2	0445	346	161.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	726.	*	2	0450	347	153.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	741.	*	2	0455	348	146.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	756.	*	2	0500	349	139.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	773.	*	2	0505	350	133.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	790.	*	2	0510	351	126.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	809.	*	2	0515	352	120.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	831.	*	2	0520	353	114.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	859.	*	2	0525	354	108.	*	3	0010	579	0.	*	3	1855	804	0.

1	1045	130	886.	*	2	0530	355	103.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	910.	*	2	0535	356	97.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	933.	*	2	0540	357	92.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	956.	*	2	0545	358	88.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	980.	*	2	0550	359	83.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1005.	*	2	0555	360	79.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1032.	*	2	0600	361	76.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1062.	*	2	0605	362	73.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1095.	*	2	0610	363	70.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1133.	*	2	0615	364	68.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1180.	*	2	0620	365	66.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1241.	*	2	0625	366	65.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1317.	*	2	0630	367	63.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1426.	*	2	0635	368	62.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1599.	*	2	0640	369	61.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1859.	*	2	0645	370	60.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2221.	*	2	0650	371	59.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2743.	*	2	0655	372	57.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3482.	*	2	0700	373	56.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4437.	*	2	0705	374	54.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5489.	*	2	0710	375	52.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	6576.	*	2	0715	376	51.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	7788.	*	2	0720	377	49.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	9316.	*	2	0725	378	47.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	11352.	*	2	0730	379	45.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	14046.	*	2	0735	380	43.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	17460.	*	2	0740	381	42.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	21516.	*	2	0745	382	40.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	25991.	*	2	0750	383	38.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	30486.	*	2	0755	384	36.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	34534.	*	2	0800	385	34.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	37908.	*	2	0805	386	32.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	40528.	*	2	0810	387	31.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	42433.	*	2	0815	388	29.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	43742.	*	2	0820	389	27.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	44616.	*	2	0825	390	25.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	45142.	*	2	0830	391	24.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	45338.	*	2	0835	392	22.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	45290.	*	2	0840	393	21.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	45039.	*	2	0845	394	19.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	44614.	*	2	0850	395	18.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	44029.	*	2	0855	396	17.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	43287.	*	2	0900	397	15.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	42435.	*	2	0905	398	14.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	41526.	*	2	0910	399	13.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	40556.	*	2	0915	400	12.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	39539.	*	2	0920	401	11.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	38477.	*	2	0925	402	10.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	37348.	*	2	0930	403	9.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	36137.	*	2	0935	404	8.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	34808.	*	2	0940	405	8.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	33392.	*	2	0945	406	7.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	31950.	*	2	0950	407	6.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	30561.	*	2	0955	408	6.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	29247.	*	2	1000	409	5.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	27976.	*	2	1005	410	5.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	26749.	*	2	1010	411	4.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	25586.	*	2	1015	412	4.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	24472.	*	2	1020	413	3.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	23380.	*	2	1025	414	3.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	22339.	*	2	1030	415	3.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	21370.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	20442.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	19531.	*	2	1045	418	2.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	18659.	*	2	1050	419	2.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	17845.	*	2	1055	420	2.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	17075.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	16322.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	15586.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	14873.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	14195.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	13527.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	12888.	*	2	1130	427	1.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	12293.	*	2	1135	428	1.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	11748.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	11234.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	10734.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	10252.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	9796.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	9373.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8984.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	8611.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	8259.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7926.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7611.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	7313.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	7035.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6761.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	6490.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	6225.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5969.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5725.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5496.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5283.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	5082.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4887.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 45338.	13.83		23023.	6567.	2195.	2109.
		(INCHES)	1.581	1.804	1.809	1.809
		(AC-FT)	11416.	13025.	13060.	13060.

CUMULATIVE AREA = 135.39 SQ MI

HYDROGRAPH AT C518
TRANSPOSITION AREA 70.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4460.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4300.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4150.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	4008.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3873.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3745.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3618.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	3489.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	3360.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	3232.	2		1415	460	0.	3		0900	685	0.
1		0050	11	2.	1		1935	236	3107.	2		1420	461	0.	3		0905	686	0.
1		0055	12	2.	1		1940	237	2986.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	2868.	2		1430	463	0.	3		0915	688	0.
1		0105	14	3.	1		1950	239	2754.	2		1435	464	0.	3		0920	689	0.
1		0110	15	3.	1		1955	240	2645.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	2542.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	2447.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	2352.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	2259.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	2169.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	2082.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	1999.	2		1515	472	0.	3		1000	697	0.
1		0150	23	5.	1		2035	248	1920.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	1846.	2		1525	474	0.	3		1010	699	0.
1		0200	25	6.	1		2045	250	1776.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	1710.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	1649.	2		1540	477	0.	3		1025	702	0.
1		0215	28	8.	1		2100	253	1592.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	1539.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	1492.	2		1555	480	0.	3		1040	705	0.
1		0230	31	11.	1		2115	256	1446.	2		1600	481	0.	3		1045	706	0.
1		0235	32	12.	1		2120	257	1403.	2		1605	482	0.	3		1050	707	0.
1		0240	33	13.	1		2125	258	1361.	2		1610	483	0.	3		1055	708	0.
1		0245	34	14.	1		2130	259	1322.	2		1615	484	0.	3		1100	709	0.
1		0250	35	15.	1		2135	260	1286.	2		1620	485	0.	3		1105	710	0.
1		0255	36	16.	1		2140	261	1251.	2		1625	486	0.	3		1110	711	0.
1		0300	37	18.	1		2145	262	1219.	2		1630	487	0.	3		1115	712	0.
1		0305	38	19.	1		2150	263	1188.	2		1635	488	0.	3		1120	713	0.
1		0310	39	21.	1		2155	264	1159.	2		1640	489	0.	3		1125	714	0.
1		0315	40	23.	1		2200	265	1130.	2		1645	490	0.	3		1130	715	0.
1		0320	41	25.	1		2205	266	1103.	2		1650	491	0.	3		1135	716	0.
1		0325	42	27.	1		2210	267	1076.	2		1655	492	0.	3		1140	717	0.
1		0330	43	30.	1		2215	268	1050.	2		1700	493	0.	3		1145	718	0.
1		0335	44	33.	1		2220	269	1025.	2		1705	494	0.	3		1150	719	0.
1		0340	45	36.	1		2225	270	1001.	2		1710	495	0.	3		1155	720	0.
1		0345	46	39.	1		2230	271	978.	2		1715	496	0.	3		1200	721	0.
1		0350	47	43.	1		2235	272	956.	2		1720	497	0.	3		1205	722	0.
1		0355	48	48.	1		2240	273	935.	2		1725	498	0.	3		1210	723	0.
1		0400	49	53.	1		2245	274	915.	2		1730	499	0.	3		1215	724	0.
1		0405	50	60.	1		2250	275	896.	2		1735	500	0.	3		1220	725	0.
1		0410	51	69.	1		2255	276	877.	2		1740	501	0.	3		1225	726	0.
1		0415	52	79.	1		2300	277	859.	2		1745	502	0.	3		1230	727	0.
1		0420	53	96.	1		2305	278	843.	2		1750	503	0.	3		1235	728	0.
1		0425	54	113.	1		2310	279	826.	2		1755	504	0.	3		1240	729	0.
1		0430	55	129.	1		2315	280	811.	2		1800	505	0.	3		1245	730	0.
1		0435	56	143.	1		2320	281	798.	2		1805	506	0.	3		1250	731	0.
1		0440	57	154.	1		2325	282	786.	2		1810	507	0.	3		1255	732	0.
1		0445	58	164.	1		2330	283	775.	2		1815	508	0.	3		1300	733	0.
1		0450	59	174.	1		2335	284	768.	2		1820	509	0.	3		1305	734	0.
1		0455	60	182.	1		2340	285	759.	2		1825	510	0.	3		1310	735	0.
1		0500	61	190.	1		2345	286	750.	2		1830	511	0.	3		1315	736	0.
1		0505	62	198.	1		2350	287	740.	2		1835	512	0.	3		1320	737	0.
1		0510	63	206.	1		2355	288	730.	2		1840	513	0.	3		1325	738	0.
1		0515	64	213.	2		0000	289	719.	2		1845	514	0.	3		1330	739	0.
1		0520	65	221.	2		0005	290	708.	2		1850	515	0.	3		1335	740	0.
1		0525	66	228.	2		0010	291	697.	2		1855	516	0.	3		1340	741	0.
1		0530	67	236.	2		0015	292	686.	2		1900	517	0.	3		1345	742	0.
1		0535	68	243.	2		0020	293	675.	2		1905	518	0.	3		1350	743	0.
1		0540	69	251.	2		0025	294	664.	2		1910	519	0.	3		1355	744	0.
1		0545	70	259.	2		0030	295	653.	2		1915	520	0.	3		1400	745	0.
1		0550	71	266.	2		0035	296	642.	2		1920	521	0.	3		1405	746	0.
1		0555	72	273.	2		0040	297	631.	2		1925	522	0.	3		1410	747	0.
1		0600	73	281.	2		0045	298	621.	2		1930	523	0.	3		1415	748	0.
1		0605	74	288.	2		0050	299	610.	2		1935	524	0.	3		1420	749	0.
1		0610	75	295.	2		0055	300	600.	2		1940	525	0.	3		1425	750	0.
1		0615	76	302.	2		0100	301	590.	2		1945	526	0.	3		1430	751	0.
1		0620	77	309.	2		0105	302	580.	2		1950	527	0.	3		1435	752	0.
1		0625	78	316.	2		0110	303	569.	2		1955	528	0.	3		1440	753	0.
1		0630	79	323.	2		0115	304	559.	2		2000	529	0.	3		1445	754	0.
1		0635	80	330.	2		0120	305	549.	2		2005	530	0.	3		1450	755	0.
1		0640	81	338.	2		0125	306	538.	2		2010	531	0.	3		1455	756	0.
1		0645	82	346.	2		0130	307	528.	2		2015	532	0.	3		1500	757	0.
1		0650	83	356.	2		0135	308	517.	2		2020	533	0.	3		1505	758	0.
1		0655	84	367.	2		0140	309	506.	2		2025	534	0.	3		1510	759	0.
1		0700	85	375.	2		0145	310	495.	2		2030	535	0.	3		1515	760	0.
1		0705	86	383.	2		0150	311	484.	2		2035	536	0.	3		1520	761	0.
1		0710	87	390.	2		0155	312	472.	2		2040	537	0.	3		1525	762	0.
1		0715	88	396.	2		0200	313	460.	2		2045	538	0.	3		1530	763	0.
1		0720	89	403.	2		0205	314	448.	2		2050	539	0.	3		1535	764	0.
1		0725	90	409.	2		0210	315	436.	2		2055	540	0.	3		1540	765	0.
1		0730	91	415.	2		0215	316	424.	2		2100	541	0.	3		1545	766	0.
1		0735	92	421.	2		0220	317	412.	2		2105	542	0.	3		1550	767	0.
1		0740	93	427.	2		0225	318	399.	2		2110	543	0.	3		1555	768	0.

1	0745	94	433.	*	2	0230	319	386.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	439.	*	2	0235	320	374.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	445.	*	2	0240	321	361.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	451.	*	2	0245	322	349.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	457.	*	2	0250	323	338.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	463.	*	2	0255	324	327.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	469.	*	2	0300	325	318.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	476.	*	2	0305	326	311.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	482.	*	2	0310	327	305.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	489.	*	2	0315	328	298.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	496.	*	2	0320	329	290.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	503.	*	2	0325	330	282.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	510.	*	2	0330	331	274.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	518.	*	2	0335	332	265.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	526.	*	2	0340	333	256.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	534.	*	2	0345	334	248.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	542.	*	2	0350	335	239.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	551.	*	2	0355	336	230.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	560.	*	2	0400	337	221.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	569.	*	2	0405	338	213.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	579.	*	2	0410	339	204.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	589.	*	2	0415	340	196.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	600.	*	2	0420	341	188.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	611.	*	2	0425	342	180.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	623.	*	2	0430	343	172.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	636.	*	2	0435	344	164.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	649.	*	2	0440	345	157.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	663.	*	2	0445	346	150.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	676.	*	2	0450	347	143.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	690.	*	2	0455	348	136.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	705.	*	2	0500	349	129.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	719.	*	2	0505	350	123.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	734.	*	2	0510	351	117.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	750.	*	2	0515	352	111.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	766.	*	2	0520	353	105.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	783.	*	2	0525	354	99.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	802.	*	2	0530	355	94.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	822.	*	2	0535	356	89.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	846.	*	2	0540	357	85.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	876.	*	2	0545	358	81.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	906.	*	2	0550	359	77.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	935.	*	2	0555	360	74.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	964.	*	2	0600	361	71.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	994.	*	2	0605	362	69.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1026.	*	2	0610	363	67.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1063.	*	2	0615	364	66.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1108.	*	2	0620	365	64.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1167.	*	2	0625	366	63.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1241.	*	2	0630	367	62.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1346.	*	2	0635	368	61.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1513.	*	2	0640	369	59.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1764.	*	2	0645	370	58.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2115.	*	2	0650	371	56.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2620.	*	2	0655	372	55.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3332.	*	2	0700	373	53.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4253.	*	2	0705	374	51.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5258.	*	2	0710	375	50.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	6261.	*	2	0715	376	48.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	7347.	*	2	0720	377	46.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	8673.	*	2	0725	378	44.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	10415.	*	2	0730	379	42.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	12725.	*	2	0735	380	40.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	15684.	*	2	0740	381	38.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	19281.	*	2	0745	382	36.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	23310.	*	2	0750	383	35.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	27441.	*	2	0755	384	33.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	31250.	*	2	0800	385	31.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	34421.	*	2	0805	386	29.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	36879.	*	2	0810	387	27.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	38649.	*	2	0815	388	26.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	39894.	*	2	0820	389	24.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	40698.	*	2	0825	390	22.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	41152.	*	2	0830	391	21.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	41309.	*	2	0835	392	20.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	41246.	*	2	0840	393	18.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	41012.	*	2	0845	394	17.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	40638.	*	2	0850	395	16.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	40140.	*	2	0855	396	14.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	39526.	*	2	0900	397	13.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	38809.	*	2	0905	398	12.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	38012.	*	2	0910	399	11.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	37093.	*	2	0915	400	10.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	36070.	*	2	0920	401	9.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	34987.	*	2	0925	402	8.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	33868.	*	2	0930	403	8.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	32736.	*	2	0935	404	7.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	31601.	*	2	0940	405	6.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	30444.	*	2	0945	406	6.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	29251.	*	2	0950	407	5.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	28067.	*	2	0955	408	5.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	26937.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	25871.	*	2	1005	410	4.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	24841.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	23820.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	22831.	*	2	1020	413	3.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21886.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20996.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	20106.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	19236.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	18405.	*	2	1045	418	2.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	17628.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16875.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	16135.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	15411.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	14712.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	14040.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.

1	1635	200	13379.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12751.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	12167.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11632.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	11119.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10621.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	10142.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9689.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	9272.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8882.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8511.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	8159.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7827.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7513.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7219.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6941.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6664.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6392.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	6128.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5875.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5634.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5410.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5204.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	5004.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4812.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4630.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+ 41309.	13.83	(CFS)	21191.	6061.	2026.	1947.
		(INCHES)	1.455	1.665	1.669	1.669
		(AC-FT)	10508.	12022.	12055.	12055.

CUMULATIVE AREA = 135.39 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 130.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4367.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4213.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4067.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	3930.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3798.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3672.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3543.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	3413.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	3284.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	3157.	2		1415	460	0.	3		0900	685	0.
1		0050	11	2.	1		1935	236	3034.	2		1420	461	0.	3		0905	686	0.
1		0055	12	2.	1		1940	237	2914.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	2797.	2		1430	463	0.	3		0915	688	0.
1		0105	14	3.	1		1950	239	2686.	2		1435	464	0.	3		0920	689	0.
1		0110	15	3.	1		1955	240	2581.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	2482.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	2387.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	2293.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	2201.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	2112.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	2027.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	1947.	2		1515	472	0.	3		1000	697	0.
1		0150	23	5.	1		2035	248	1870.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	1798.	2		1525	474	0.	3		1010	699	0.
1		0200	25	6.	1		2045	250	1730.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	1667.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	1608.	2		1540	477	0.	3		1025	702	0.
1		0215	28	8.	1		2100	253	1553.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	1504.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	1458.	2		1555	480	0.	3		1040	705	0.
1		0230	31	11.	1		2115	256	1413.	2		1600	481	0.	3		1045	706	0.
1		0235	32	12.	1		2120	257	1370.	2		1605	482	0.	3		1050	707	0.
1		0240	33	13.	1		2125	258	1330.	2		1610	483	0.	3		1055	708	0.
1		0245	34	14.	1		2130	259	1292.	2		1615	484	0.	3		1100	709	0.
1		0250	35	15.	1		2135	260	1257.	2		1620	485	0.	3		1105	710	0.
1		0255	36	16.	1		2140	261	1224.	2		1625	486	0.	3		1110	711	0.
1		0300	37	18.	1		2145	262	1192.	2		1630	487	0.	3		1115	712	0.
1		0305	38	19.	1		2150	263	1162.	2		1635	488	0.	3		1120	713	0.
1		0310	39	21.	1		2155	264	1133.	2		1640	489	0.	3		1125	714	0.
1		0315	40	23.	1		2200	265	1104.	2		1645	490	0.	3		1130	715	0.
1		0320	41	25.	1		2205	266	1077.	2		1650	491	0.	3		1135	716	0.
1		0325	42	27.	1		2210	267	1050.	2		1655	492	0.	3		1140	717	0.
1		0330	43	29.	1		2215	268	1025.	2		1700	493	0.	3		1145	718	0.
1		0335	44	32.	1		2220	269	1000.	2		1705	494	0.	3		1150	719	0.
1		0340	45	35.	1		2225	270	977.	2		1710	495	0.	3		1155	720	0.
1		0345	46	38.	1		2230	271	954.	2		1715	496	0.	3		1200	721	0.
1		0350	47	41.	1		2235	272	933.	2		1720	497	0.	3		1205	722	0.
1		0355	48	46.	1		2240	273	912.	2		1725	498	0.	3		1210	723	0.
1		0400	49	51.	1		2245	274	892.	2		1730	499	0.	3		1215	724	0.
1		0405	50	57.	1		2250	275	873.	2		1735	500	0.	3		1220	725	0.
1		0410	51	64.	1		2255	276	855.	2		1740	501	0.	3		1225	726	0.
1		0415	52	74.	1		2300	277	838.	2		1745	502	0.	3		1230	727	0.
1		0420	53	85.	1		2305	278	822.	2		1750	503	0.	3		1235	728	0.
1		0425	54	105.	1		2310	279	807.	2		1755	504	0.	3		1240	729	0.
1		0430	55	121.	1		2315	280	794.	2		1800	505	0.	3		1245	730	0.
1		0435	56	135.	1		2320	281	782.	2		1805	506	0.	3		1250	731	0.
1		0440	57	147.	1		2325	282	772.	2		1810	507	0.	3		1255	732	0.

1	0445	58	158.	*	1	2330	283	765.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	167.	*	1	2335	284	756.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	176.	*	1	2340	285	746.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	184.	*	1	2345	286	736.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	192.	*	1	2350	287	725.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	199.	*	1	2355	288	714.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	206.	*	2	0000	289	702.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	213.	*	2	0005	290	691.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	220.	*	2	0010	291	680.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	228.	*	2	0015	292	669.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	235.	*	2	0020	293	658.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	242.	*	2	0025	294	647.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	249.	*	2	0030	295	636.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	256.	*	2	0035	296	625.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	263.	*	2	0040	297	615.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	270.	*	2	0045	298	605.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	277.	*	2	0050	299	594.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	284.	*	2	0055	300	584.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	291.	*	2	0100	301	574.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	298.	*	2	0105	302	564.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	304.	*	2	0110	303	554.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	311.	*	2	0115	304	544.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	317.	*	2	0120	305	534.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	324.	*	2	0125	306	524.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	331.	*	2	0130	307	513.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	338.	*	2	0135	308	503.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	346.	*	2	0140	309	492.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	355.	*	2	0145	310	481.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	365.	*	2	0150	311	470.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	374.	*	2	0155	312	459.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	381.	*	2	0200	313	448.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	388.	*	2	0205	314	436.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	395.	*	2	0210	315	424.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	401.	*	2	0215	316	412.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	407.	*	2	0220	317	400.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	413.	*	2	0225	318	388.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	419.	*	2	0230	319	375.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	425.	*	2	0235	320	363.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	431.	*	2	0240	321	351.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	437.	*	2	0245	322	340.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	443.	*	2	0250	323	330.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	449.	*	2	0255	324	321.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	455.	*	2	0300	325	313.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	461.	*	2	0305	326	307.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	468.	*	2	0310	327	300.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	474.	*	2	0315	328	292.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	481.	*	2	0320	329	285.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	488.	*	2	0325	330	276.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	495.	*	2	0330	331	268.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	502.	*	2	0335	332	259.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	510.	*	2	0340	333	250.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	517.	*	2	0345	334	242.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	525.	*	2	0350	335	233.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	534.	*	2	0355	336	224.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	543.	*	2	0400	337	216.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	552.	*	2	0405	338	207.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	561.	*	2	0410	339	199.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	571.	*	2	0415	340	191.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	582.	*	2	0420	341	183.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	593.	*	2	0425	342	175.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	604.	*	2	0430	343	167.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	617.	*	2	0435	344	160.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	630.	*	2	0440	345	152.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	643.	*	2	0445	346	145.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	656.	*	2	0450	347	138.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	670.	*	2	0455	348	132.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	684.	*	2	0500	349	125.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	698.	*	2	0505	350	119.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	713.	*	2	0510	351	113.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	728.	*	2	0515	352	107.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	744.	*	2	0520	353	101.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	760.	*	2	0525	354	96.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	777.	*	2	0530	355	91.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	795.	*	2	0535	356	86.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	815.	*	2	0540	357	82.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	837.	*	2	0545	358	79.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	864.	*	2	0550	359	75.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	899.	*	2	0555	360	72.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	931.	*	2	0600	361	70.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	963.	*	2	0605	362	68.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	997.	*	2	0610	363	66.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1034.	*	2	0615	364	65.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1079.	*	2	0620	365	64.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1138.	*	2	0625	366	63.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1211.	*	2	0630	367	61.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1315.	*	2	0635	368	60.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1480.	*	2	0640	369	58.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1728.	*	2	0645	370	57.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2075.	*	2	0650	371	55.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2573.	*	2	0655	372	54.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3275.	*	2	0700	373	52.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4181.	*	2	0705	374	50.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5169.	*	2	0710	375	48.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	6139.	*	2	0715	376	46.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	7180.	*	2	0720	377	45.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	8428.	*	2	0725	378	43.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	10059.	*	2	0730	379	41.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	12221.	*	2	0735	380	39.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	15006.	*	2	0740	381	37.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	18392.	*	2	0745	382	35.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	22228.	*	2	0750	383	33.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	26206.	*	2	0755	384	31.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	29942.	*	2	0800	385	30.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33080.	*	2	0805	386	28.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35486.	*	2	0810	387	26.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	37197.	*	2	0815	388	24.	*	3	0300	613	0.	*	3	2145	838	0.

1	1335	164	38351.	*	2	0820	389	23.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	39113.	*	2	0825	390	21.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	39575.	*	2	0830	391	20.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	39758.	*	2	0835	392	18.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39727.	*	2	0840	393	17.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	39518.	*	2	0845	394	16.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	39151.	*	2	0850	395	15.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	38629.	*	2	0855	396	13.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37964.	*	2	0900	397	12.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	37189.	*	2	0905	398	11.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	36349.	*	2	0910	399	10.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	35435.	*	2	0915	400	9.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	34466.	*	2	0920	401	9.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	33474.	*	2	0925	402	8.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	32471.	*	2	0930	403	7.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	31464.	*	2	0935	404	6.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	30413.	*	2	0940	405	6.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	29313.	*	2	0945	406	5.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	28184.	*	2	0950	407	5.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	27075.	*	2	0955	408	4.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	26033.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	25042.	*	2	1005	410	3.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	24059.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	23097.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	22177.	*	2	1020	413	2.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21305.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20440.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	19578.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	18743.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	17957.	*	2	1045	418	1.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	17210.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16473.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	15747.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	15040.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	14362.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	13697.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	13054.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12449.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	11891.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11373.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	10867.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10377.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	9909.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9472.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	9073.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8689.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8326.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	7983.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7659.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7353.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7067.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6788.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6513.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6244.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	5985.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5738.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5506.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5291.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5089.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4893.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4706.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4531.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 39758.	13.83		20457.	5859.	1958.	1882.
		(INCHES)	1.405	1.609	1.614	1.614
		(AC-FT)	10144.	11621.	11652.	11652.

CUMULATIVE AREA = 135.39 SQ MI

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HYDROGRAPH AT C518
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	4367.	*	2		1330	451	0.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	4213.	*	2		1335	452	0.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	4067.	*	2		1340	453	0.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	3930.	*	2		1345	454	0.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	3798.	*	2		1350	455	0.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	3672.	*	2		1355	456	0.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	3543.	*	2		1400	457	0.	*	3		0845	682	0.
1		0035	8	1.	*	1		1920	233	3413.	*	2		1405	458	0.	*	3		0850	683	0.
1		0040	9	1.	*	1		1925	234	3284.	*	2		1410	459	0.	*	3		0855	684	0.
1		0045	10	1.	*	1		1930	235	3157.	*	2		1415	460	0.	*	3		0900	685	0.
1		0050	11	2.	*	1		1935	236	3034.	*	2		1420	461	0.	*	3		0905	686	0.
1		0055	12	2.	*	1		1940	237	2914.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	2797.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	3.	*	1		1950	239	2686.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	3.	*	1		1955	240	2581.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	3.	*	1		2000	241	2482.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	3.	*	1		2005	242	2387.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	4.	*	1		2010	243	2293.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	4.	*	1		2015	244	2201.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	4.	*	1		2020	245	2112.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	5.	*	1		2025	246	2027.	*	2		1510	471	0.	*	3		0955	696	0.

1	0145	22	5.	*	1	2030	247	1947.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	5.	*	1	2035	248	1870.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	6.	*	1	2040	249	1798.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	6.	*	1	2045	250	1730.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	7.	*	1	2050	251	1667.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	8.	*	1	2055	252	1608.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	8.	*	1	2100	253	1553.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	9.	*	1	2105	254	1504.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	10.	*	1	2110	255	1458.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	11.	*	1	2115	256	1413.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	12.	*	1	2120	257	1370.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	13.	*	1	2125	258	1330.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	14.	*	1	2130	259	1292.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	15.	*	1	2135	260	1257.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	16.	*	1	2140	261	1224.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	18.	*	1	2145	262	1192.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	19.	*	1	2150	263	1162.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	21.	*	1	2155	264	1133.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	23.	*	1	2200	265	1104.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	25.	*	1	2205	266	1077.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	27.	*	1	2210	267	1050.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	29.	*	1	2215	268	1025.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	32.	*	1	2220	269	1000.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	35.	*	1	2225	270	977.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	38.	*	1	2230	271	954.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	41.	*	1	2235	272	933.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	46.	*	1	2240	273	912.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	51.	*	1	2245	274	892.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	57.	*	1	2250	275	873.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	64.	*	1	2255	276	855.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	74.	*	1	2300	277	838.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	85.	*	1	2305	278	822.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	105.	*	1	2310	279	807.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	121.	*	1	2315	280	794.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	135.	*	1	2320	281	782.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	147.	*	1	2325	282	772.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	158.	*	1	2330	283	765.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	167.	*	1	2335	284	756.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	176.	*	1	2340	285	746.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	184.	*	1	2345	286	736.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	192.	*	1	2350	287	725.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	199.	*	1	2355	288	714.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	206.	*	2	0000	289	702.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	213.	*	2	0005	290	691.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	220.	*	2	0010	291	680.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	228.	*	2	0015	292	669.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	235.	*	2	0020	293	658.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	242.	*	2	0025	294	647.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	249.	*	2	0030	295	636.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	256.	*	2	0035	296	625.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	263.	*	2	0040	297	615.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	270.	*	2	0045	298	605.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	277.	*	2	0050	299	594.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	284.	*	2	0055	300	584.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	291.	*	2	0100	301	574.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	298.	*	2	0105	302	564.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	304.	*	2	0110	303	554.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	311.	*	2	0115	304	544.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	317.	*	2	0120	305	534.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	324.	*	2	0125	306	524.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	331.	*	2	0130	307	513.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	338.	*	2	0135	308	503.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	346.	*	2	0140	309	492.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	355.	*	2	0145	310	481.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	365.	*	2	0150	311	470.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	374.	*	2	0155	312	459.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	381.	*	2	0200	313	448.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	388.	*	2	0205	314	436.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	395.	*	2	0210	315	424.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	401.	*	2	0215	316	412.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	407.	*	2	0220	317	400.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	413.	*	2	0225	318	388.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	419.	*	2	0230	319	375.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	425.	*	2	0235	320	363.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	431.	*	2	0240	321	351.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	437.	*	2	0245	322	340.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	443.	*	2	0250	323	330.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	449.	*	2	0255	324	321.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	455.	*	2	0300	325	313.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	461.	*	2	0305	326	307.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	468.	*	2	0310	327	300.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	474.	*	2	0315	328	292.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	481.	*	2	0320	329	285.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	488.	*	2	0325	330	276.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	495.	*	2	0330	331	268.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	502.	*	2	0335	332	259.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	510.	*	2	0340	333	250.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	517.	*	2	0345	334	242.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	525.	*	2	0350	335	233.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	534.	*	2	0355	336	224.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	543.	*	2	0400	337	216.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	552.	*	2	0405	338	207.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	561.	*	2	0410	339	199.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	571.	*	2	0415	340	191.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	582.	*	2	0420	341	183.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	593.	*	2	0425	342	175.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	604.	*	2	0430	343	167.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	617.	*	2	0435	344	160.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	630.	*	2	0440	345	152.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	643.	*	2	0445	346	145.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	656.	*	2	0450	347	138.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	670.	*	2	0455	348	132.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	684.	*	2	0500	349	125.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	698.	*	2	0505	350	119.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	713.	*	2	0510	351	113.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	728.	*	2	0515	352	107.	*	3	0000	577	0.	*	3	1845	802	0.

1	1035	128	744.	*	2	0520	353	101.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	760.	*	2	0525	354	96.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	777.	*	2	0530	355	91.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	795.	*	2	0535	356	86.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	815.	*	2	0540	357	82.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	837.	*	2	0545	358	79.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	864.	*	2	0550	359	75.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	899.	*	2	0555	360	72.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	931.	*	2	0600	361	70.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	963.	*	2	0605	362	68.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	997.	*	2	0610	363	66.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1034.	*	2	0615	364	65.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1079.	*	2	0620	365	64.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1138.	*	2	0625	366	63.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1211.	*	2	0630	367	61.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1315.	*	2	0635	368	60.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1480.	*	2	0640	369	58.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1728.	*	2	0645	370	57.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2075.	*	2	0650	371	55.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2573.	*	2	0655	372	54.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3275.	*	2	0700	373	52.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4181.	*	2	0705	374	50.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5169.	*	2	0710	375	48.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	6139.	*	2	0715	376	46.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	7180.	*	2	0720	377	45.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	8428.	*	2	0725	378	43.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	10059.	*	2	0730	379	41.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	12221.	*	2	0735	380	39.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	15006.	*	2	0740	381	37.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	18392.	*	2	0745	382	35.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	22228.	*	2	0750	383	33.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	26206.	*	2	0755	384	31.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	29942.	*	2	0800	385	30.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33080.	*	2	0805	386	28.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35486.	*	2	0810	387	26.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	37197.	*	2	0815	388	24.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	38351.	*	2	0820	389	23.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	39113.	*	2	0825	390	21.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	39575.	*	2	0830	391	20.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	39758.	*	2	0835	392	18.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39727.	*	2	0840	393	17.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	39518.	*	2	0845	394	16.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	39151.	*	2	0850	395	15.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	38629.	*	2	0855	396	13.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37964.	*	2	0900	397	12.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	37189.	*	2	0905	398	11.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	36349.	*	2	0910	399	10.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	35435.	*	2	0915	400	9.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	34466.	*	2	0920	401	9.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	33474.	*	2	0925	402	8.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	32471.	*	2	0930	403	7.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	31464.	*	2	0935	404	6.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	30413.	*	2	0940	405	6.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	29313.	*	2	0945	406	5.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	28184.	*	2	0950	407	5.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	27075.	*	2	0955	408	4.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	26033.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	25042.	*	2	1005	410	3.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	24059.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	23097.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	22177.	*	2	1020	413	2.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21305.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20440.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	19578.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	18743.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	17957.	*	2	1045	418	1.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	17210.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16473.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	15747.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	15040.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	14362.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	13697.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	13054.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12449.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	11891.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11373.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	10867.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10377.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	9909.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9472.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	9073.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8689.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8326.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	7983.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7659.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7353.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7067.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6788.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6513.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6244.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	5985.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5738.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5506.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5291.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5089.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4893.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4706.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4531.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)			
+ 39758.	13.83	20457.	5859.	1958.	1882.

(INCHES)	1.405	1.609	1.614	1.614
(AC-FT)	10144.	11621.	11652.	11652.

CUMULATIVE AREA = 135.39 SQ MI

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INTERPOLATED HYDROGRAPH AT C518

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	4367.	2		1330	451	0.	3		0815	676	0.
1		0005	2	0.	1		1850	227	4213.	2		1335	452	0.	3		0820	677	0.
1		0010	3	0.	1		1855	228	4067.	2		1340	453	0.	3		0825	678	0.
1		0015	4	0.	1		1900	229	3930.	2		1345	454	0.	3		0830	679	0.
1		0020	5	0.	1		1905	230	3798.	2		1350	455	0.	3		0835	680	0.
1		0025	6	0.	1		1910	231	3672.	2		1355	456	0.	3		0840	681	0.
1		0030	7	0.	1		1915	232	3543.	2		1400	457	0.	3		0845	682	0.
1		0035	8	1.	1		1920	233	3413.	2		1405	458	0.	3		0850	683	0.
1		0040	9	1.	1		1925	234	3284.	2		1410	459	0.	3		0855	684	0.
1		0045	10	1.	1		1930	235	3157.	2		1415	460	0.	3		0900	685	0.
1		0050	11	2.	1		1935	236	3034.	2		1420	461	0.	3		0905	686	0.
1		0055	12	2.	1		1940	237	2914.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	2797.	2		1430	463	0.	3		0915	688	0.
1		0105	14	3.	1		1950	239	2686.	2		1435	464	0.	3		0920	689	0.
1		0110	15	3.	1		1955	240	2581.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	2482.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	2387.	2		1450	467	0.	3		0935	692	0.
1		0125	18	4.	1		2010	243	2293.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	2201.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	2112.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	2027.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	1947.	2		1515	472	0.	3		1000	697	0.
1		0150	23	5.	1		2035	248	1870.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	1798.	2		1525	474	0.	3		1010	699	0.
1		0200	25	6.	1		2045	250	1730.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	1667.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	1608.	2		1540	477	0.	3		1025	702	0.
1		0215	28	8.	1		2100	253	1553.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	1504.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	1458.	2		1555	480	0.	3		1040	705	0.
1		0230	31	11.	1		2115	256	1413.	2		1600	481	0.	3		1045	706	0.
1		0235	32	12.	1		2120	257	1370.	2		1605	482	0.	3		1050	707	0.
1		0240	33	13.	1		2125	258	1330.	2		1610	483	0.	3		1055	708	0.
1		0245	34	14.	1		2130	259	1292.	2		1615	484	0.	3		1100	709	0.
1		0250	35	15.	1		2135	260	1257.	2		1620	485	0.	3		1105	710	0.
1		0255	36	16.	1		2140	261	1224.	2		1625	486	0.	3		1110	711	0.
1		0300	37	18.	1		2145	262	1192.	2		1630	487	0.	3		1115	712	0.
1		0305	38	19.	1		2150	263	1162.	2		1635	488	0.	3		1120	713	0.
1		0310	39	21.	1		2155	264	1133.	2		1640	489	0.	3		1125	714	0.
1		0315	40	23.	1		2200	265	1104.	2		1645	490	0.	3		1130	715	0.
1		0320	41	25.	1		2205	266	1077.	2		1650	491	0.	3		1135	716	0.
1		0325	42	27.	1		2210	267	1050.	2		1655	492	0.	3		1140	717	0.
1		0330	43	29.	1		2215	268	1025.	2		1700	493	0.	3		1145	718	0.
1		0335	44	32.	1		2220	269	1000.	2		1705	494	0.	3		1150	719	0.
1		0340	45	35.	1		2225	270	977.	2		1710	495	0.	3		1155	720	0.
1		0345	46	38.	1		2230	271	954.	2		1715	496	0.	3		1200	721	0.
1		0350	47	41.	1		2235	272	933.	2		1720	497	0.	3		1205	722	0.
1		0355	48	46.	1		2240	273	912.	2		1725	498	0.	3		1210	723	0.
1		0400	49	51.	1		2245	274	892.	2		1730	499	0.	3		1215	724	0.
1		0405	50	57.	1		2250	275	873.	2		1735	500	0.	3		1220	725	0.
1		0410	51	64.	1		2255	276	855.	2		1740	501	0.	3		1225	726	0.
1		0415	52	74.	1		2300	277	838.	2		1745	502	0.	3		1230	727	0.
1		0420	53	85.	1		2305	278	822.	2		1750	503	0.	3		1235	728	0.
1		0425	54	105.	1		2310	279	807.	2		1755	504	0.	3		1240	729	0.
1		0430	55	121.	1		2315	280	794.	2		1800	505	0.	3		1245	730	0.
1		0435	56	135.	1		2320	281	782.	2		1805	506	0.	3		1250	731	0.
1		0440	57	147.	1		2325	282	772.	2		1810	507	0.	3		1255	732	0.
1		0445	58	158.	1		2330	283	765.	2		1815	508	0.	3		1300	733	0.
1		0450	59	167.	1		2335	284	756.	2		1820	509	0.	3		1305	734	0.
1		0455	60	176.	1		2340	285	746.	2		1825	510	0.	3		1310	735	0.
1		0500	61	184.	1		2345	286	736.	2		1830	511	0.	3		1315	736	0.
1		0505	62	192.	1		2350	287	725.	2		1835	512	0.	3		1320	737	0.
1		0510	63	199.	1		2355	288	714.	2		1840	513	0.	3		1325	738	0.
1		0515	64	206.	2		0000	289	702.	2		1845	514	0.	3		1330	739	0.
1		0520	65	213.	2		0005	290	691.	2		1850	515	0.	3		1335	740	0.
1		0525	66	220.	2		0010	291	680.	2		1855	516	0.	3		1340	741	0.
1		0530	67	228.	2		0015	292	669.	2		1900	517	0.	3		1345	742	0.
1		0535	68	235.	2		0020	293	658.	2		1905	518	0.	3		1350	743	0.
1		0540	69	242.	2		0025	294	647.	2		1910	519	0.	3		1355	744	0.
1		0545	70	249.	2		0030	295	636.	2		1915	520	0.	3		1400	745	0.
1		0550	71	256.	2		0035	296	625.	2		1920	521	0.	3		1405	746	0.
1		0555	72	263.	2		0040	297	615.	2		1925	522	0.	3		1410	747	0.
1		0600	73	270.	2		0045	298	605.	2		1930	523	0.	3		1415	748	0.
1		0605	74	277.	2		0050	299	594.	2		1935	524	0.	3		1420	749	0.
1		0610	75	284.	2		0055	300	584.	2		1940	525	0.	3		1425	750	0.
1		0615	76	291.	2		0100	301	574.	2		1945	526	0.	3		1430	751	0.
1		0620	77	298.	2		0105	302	564.	2		1950	527	0.	3		1435	752	0.
1		0625	78	304.	2		0110	303	554.	2		1955	528	0.	3		1440	753	0.
1		0630	79	311.	2		0115	304	544.	2		2000	529	0.	3		1445	754	0.
1		0635	80	317.	2		0120	305	534.	2		2005	530	0.	3		1450	755	0.
1		0640	81	324.	2		0125	306	524.	2		2010	531	0.	3		1455	756	0.
1		0645	82	331.	2		0130	307	513.	2		2015	532	0.	3		1500	757	0.
1		0650	83	338.	2		0135	308	503.	2		2020	533	0.	3		1505	758	0.
1		0655	84	346.	2		0140	309	492.	2		2025	534	0.	3		1510	759	0.
1		0700	85	355.	2		0145	310	481.	2		2030	535	0.	3		1515	760	0.
1		0705	86	365.	2		0150	311	470.	2		2035	536	0.	3		1520	761	0.
1		0710	87	374.	2		0155	312	459.	2		2040	537	0.	3		1525	762	0.
1		0715	88	381.	2		0200	313	448.	2		2045	538	0.	3		1530	763	0.
1		0720	89	388.	2		0205	314	436.	2		2050	539	0.	3		1535	764	0.
1		0725	90	395.	2		0210	315	424.	2		2055	540	0.	3		1540	765	0.
1		0730	91	401.	2		0215	316	412.	2		2100	541	0.	3		1545	766	0.
1		0735	92	407.	2		0220	317	400.	2		2105	542	0.	3		1550	767	0.

1	0740	93	413.	*	2	0225	318	388.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	419.	*	2	0230	319	375.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	425.	*	2	0235	320	363.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	431.	*	2	0240	321	351.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	437.	*	2	0245	322	340.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	443.	*	2	0250	323	330.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	449.	*	2	0255	324	321.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	455.	*	2	0300	325	313.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	461.	*	2	0305	326	307.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	468.	*	2	0310	327	300.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	474.	*	2	0315	328	292.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	481.	*	2	0320	329	285.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	488.	*	2	0325	330	276.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	495.	*	2	0330	331	268.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	502.	*	2	0335	332	259.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	510.	*	2	0340	333	250.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	517.	*	2	0345	334	242.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	525.	*	2	0350	335	233.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	534.	*	2	0355	336	224.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	543.	*	2	0400	337	216.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	552.	*	2	0405	338	207.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	561.	*	2	0410	339	199.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	571.	*	2	0415	340	191.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	582.	*	2	0420	341	183.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	593.	*	2	0425	342	175.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	604.	*	2	0430	343	167.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	617.	*	2	0435	344	160.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	630.	*	2	0440	345	152.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	643.	*	2	0445	346	145.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	656.	*	2	0450	347	138.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	670.	*	2	0455	348	132.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	684.	*	2	0500	349	125.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	698.	*	2	0505	350	119.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	713.	*	2	0510	351	113.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	728.	*	2	0515	352	107.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	744.	*	2	0520	353	101.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	760.	*	2	0525	354	96.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	777.	*	2	0530	355	91.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	795.	*	2	0535	356	86.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	815.	*	2	0540	357	82.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	837.	*	2	0545	358	79.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	864.	*	2	0550	359	75.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	899.	*	2	0555	360	72.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	931.	*	2	0600	361	70.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	963.	*	2	0605	362	68.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	997.	*	2	0610	363	66.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1034.	*	2	0615	364	65.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1079.	*	2	0620	365	64.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1138.	*	2	0625	366	63.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1211.	*	2	0630	367	61.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1315.	*	2	0635	368	60.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1480.	*	2	0640	369	58.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1728.	*	2	0645	370	57.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	2075.	*	2	0650	371	55.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	2573.	*	2	0655	372	54.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	3275.	*	2	0700	373	52.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	4181.	*	2	0705	374	50.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	5169.	*	2	0710	375	48.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	6139.	*	2	0715	376	46.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	7180.	*	2	0720	377	45.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	8428.	*	2	0725	378	43.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	10059.	*	2	0730	379	41.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	12221.	*	2	0735	380	39.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	15006.	*	2	0740	381	37.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	18392.	*	2	0745	382	35.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	22228.	*	2	0750	383	33.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	26206.	*	2	0755	384	31.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	29942.	*	2	0800	385	30.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	33080.	*	2	0805	386	28.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	35486.	*	2	0810	387	26.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	37197.	*	2	0815	388	24.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	38351.	*	2	0820	389	23.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	39113.	*	2	0825	390	21.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	39575.	*	2	0830	391	20.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	39758.	*	2	0835	392	18.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39727.	*	2	0840	393	17.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	39518.	*	2	0845	394	16.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	39151.	*	2	0850	395	15.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	38629.	*	2	0855	396	13.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	37964.	*	2	0900	397	12.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	37189.	*	2	0905	398	11.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	36349.	*	2	0910	399	10.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	35435.	*	2	0915	400	9.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	34466.	*	2	0920	401	9.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	33474.	*	2	0925	402	8.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	32471.	*	2	0930	403	7.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	31464.	*	2	0935	404	6.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	30413.	*	2	0940	405	6.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	29313.	*	2	0945	406	5.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	28184.	*	2	0950	407	5.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	27075.	*	2	0955	408	4.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	26033.	*	2	1000	409	4.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	25042.	*	2	1005	410	3.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	24059.	*	2	1010	411	3.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	23097.	*	2	1015	412	3.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	22177.	*	2	1020	413	2.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	21305.	*	2	1025	414	2.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	20440.	*	2	1030	415	2.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	19578.	*	2	1035	416	2.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	18743.	*	2	1040	417	2.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	17957.	*	2	1045	418	1.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	17210.	*	2	1050	419	1.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	16473.	*	2	1055	420	1.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	15747.	*	2	1100	421	1.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	15040.	*	2	1105	422	1.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	14362.	*	2	1110	423	1.	*	3	0555	648	0.	*	4	0040	873	0.

1	1630	199	13697.	*	2	1115	424	1.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	13054.	*	2	1120	425	1.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	12449.	*	2	1125	426	1.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	11891.	*	2	1130	427	0.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	11373.	*	2	1135	428	0.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	10867.	*	2	1140	429	0.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	10377.	*	2	1145	430	0.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	9909.	*	2	1150	431	0.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	9472.	*	2	1155	432	0.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	9073.	*	2	1200	433	0.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	8689.	*	2	1205	434	0.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	8326.	*	2	1210	435	0.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	7983.	*	2	1215	436	0.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	7659.	*	2	1220	437	0.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	7353.	*	2	1225	438	0.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	7067.	*	2	1230	439	0.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	6788.	*	2	1235	440	0.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	6513.	*	2	1240	441	0.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	6244.	*	2	1245	442	0.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	5985.	*	2	1250	443	0.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	5738.	*	2	1255	444	0.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	5506.	*	2	1300	445	0.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	5291.	*	2	1305	446	0.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	5089.	*	2	1310	447	0.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	4893.	*	2	1315	448	0.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	4706.	*	2	1320	449	0.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	4531.	*	2	1325	450	0.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 39758.	13.83		20457.	5859.	1958.	1882.
		(INCHES)	1.405	1.609	1.614	1.614
		(AC-FT)	10144.	11621.	11652.	11652.

CUMULATIVE AREA = 135.39 SQ MI

WARNING --- ROUTED OUTFLOW (2288.) IS GREATER THAN MAXIMUM OUTFLOW (2278.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (2288.) IS GREATER THAN MAXIMUM OUTFLOW (2278.) IN STORAGE-OUTFLOW TABLE

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              **************
              *            *
1173 KK       *     C528   *
              *            *
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1174 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        900  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                         COMBINE C4530A & C3230B
                         TOTAL CAVE CREEK WASH FLOWS TO CAVE CREEK DAM PONDING AREA

1177 HC          HYDROGRAPH COMBINATION
                      ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE
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HYDROGRAPH AT C528
TRANSPOSITION AREA .0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	6930.	*	2		1330	451	2.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	6686.	*	2		1335	452	2.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	6473.	*	2		1340	453	2.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	6290.	*	2		1345	454	2.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	6114.	*	2		1350	455	2.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	5930.	*	2		1355	456	2.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	5746.	*	2		1400	457	1.	*	3		0845	682	0.
1		0035	8	0.	*	1		1920	233	5554.	*	2		1405	458	1.	*	3		0850	683	0.
1		0040	9	0.	*	1		1925	234	5362.	*	2		1410	459	1.	*	3		0855	684	0.
1		0045	10	1.	*	1		1930	235	5174.	*	2		1415	460	1.	*	3		0900	685	0.
1		0050	11	1.	*	1		1935	236	4991.	*	2		1420	461	1.	*	3		0905	686	0.
1		0055	12	1.	*	1		1940	237	4814.	*	2		1425	462	1.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	4645.	*	2		1430	463	1.	*	3		0915	688	0.

1	0105	14	2.	*	1	1950	239	4484.	*	2	1435	464	1.	*	3	0920	689	0.
1	0110	15	2.	*	1	1955	240	4337.	*	2	1440	465	1.	*	3	0925	690	0.
1	0115	16	3.	*	1	2000	241	4197.	*	2	1445	466	1.	*	3	0930	691	0.
1	0120	17	3.	*	1	2005	242	4067.	*	2	1450	467	1.	*	3	0935	692	0.
1	0125	18	3.	*	1	2010	243	3951.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	4.	*	1	2015	244	3850.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	4.	*	1	2020	245	3768.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	5.	*	1	2025	246	3697.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	5.	*	1	2030	247	3625.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	6.	*	1	2035	248	3545.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	6.	*	1	2040	249	3459.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	7.	*	1	2045	250	3369.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	7.	*	1	2050	251	3274.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	8.	*	1	2055	252	3178.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	8.	*	1	2100	253	3084.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	9.	*	1	2105	254	2986.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	10.	*	1	2110	255	2888.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	10.	*	1	2115	256	2790.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	11.	*	1	2120	257	2694.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	12.	*	1	2125	258	2599.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	12.	*	1	2130	259	2508.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	13.	*	1	2135	260	2420.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	13.	*	1	2140	261	2336.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	14.	*	1	2145	262	2256.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	15.	*	1	2150	263	2182.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	15.	*	1	2155	264	2116.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	16.	*	1	2200	265	2054.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	17.	*	1	2205	266	1997.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	18.	*	1	2210	267	1942.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	18.	*	1	2215	268	1889.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	19.	*	1	2220	269	1836.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	21.	*	1	2225	270	1785.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	22.	*	1	2230	271	1735.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	24.	*	1	2235	272	1687.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	27.	*	1	2240	273	1640.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	29.	*	1	2245	274	1595.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	32.	*	1	2250	275	1551.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	36.	*	1	2255	276	1507.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	40.	*	1	2300	277	1460.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	45.	*	1	2305	278	1408.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	51.	*	1	2310	279	1347.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	57.	*	1	2315	280	1270.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	63.	*	1	2320	281	1177.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	74.	*	1	2325	282	1103.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	88.	*	1	2330	283	1056.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	103.	*	1	2335	284	1025.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	120.	*	1	2340	285	1002.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	140.	*	1	2345	286	982.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	161.	*	1	2350	287	963.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	182.	*	1	2355	288	946.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	200.	*	2	0000	289	930.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	216.	*	2	0005	290	914.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	231.	*	2	0010	291	898.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	245.	*	2	0015	292	884.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	258.	*	2	0020	293	870.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	269.	*	2	0025	294	858.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	281.	*	2	0030	295	845.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	293.	*	2	0035	296	834.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	305.	*	2	0040	297	823.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	323.	*	2	0045	298	813.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	338.	*	2	0050	299	803.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	352.	*	2	0055	300	794.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	365.	*	2	0100	301	784.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	378.	*	2	0105	302	773.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	391.	*	2	0110	303	763.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	403.	*	2	0115	304	752.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	414.	*	2	0120	305	741.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	425.	*	2	0125	306	729.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	436.	*	2	0130	307	718.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	445.	*	2	0135	308	707.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	454.	*	2	0140	309	696.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	463.	*	2	0145	310	684.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	471.	*	2	0150	311	672.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	479.	*	2	0155	312	659.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	487.	*	2	0200	313	647.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	495.	*	2	0205	314	634.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	502.	*	2	0210	315	621.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	510.	*	2	0215	316	607.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	517.	*	2	0220	317	594.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	524.	*	2	0225	318	580.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	531.	*	2	0230	319	567.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	539.	*	2	0235	320	553.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	546.	*	2	0240	321	540.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	553.	*	2	0245	322	528.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	561.	*	2	0250	323	515.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	568.	*	2	0255	324	501.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	577.	*	2	0300	325	487.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	585.	*	2	0305	326	472.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	593.	*	2	0310	327	457.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	601.	*	2	0315	328	442.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	609.	*	2	0320	329	427.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	617.	*	2	0325	330	412.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	626.	*	2	0330	331	397.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	634.	*	2	0335	332	383.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	643.	*	2	0340	333	370.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	652.	*	2	0345	334	358.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	661.	*	2	0350	335	346.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	670.	*	2	0355	336	336.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	680.	*	2	0400	337	326.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	690.	*	2	0405	338	317.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	701.	*	2	0410	339	308.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	712.	*	2	0415	340	299.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	723.	*	2	0420	341	292.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	735.	*	2	0425	342	285.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	747.	*	2	0430	343	278.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	761.	*	2	0435	344	272.	*	2	2320	569	0.	*	3	1805	794	0.

1	0955	120	775.	*	2	0440	345	265.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	790.	*	2	0445	346	258.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	805.	*	2	0450	347	250.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	820.	*	2	0455	348	242.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	838.	*	2	0500	349	233.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	856.	*	2	0505	350	225.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	877.	*	2	0510	351	216.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	900.	*	2	0515	352	208.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	924.	*	2	0520	353	200.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	949.	*	2	0525	354	192.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	973.	*	2	0530	355	184.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	997.	*	2	0535	356	176.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1020.	*	2	0540	357	169.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1043.	*	2	0545	358	162.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1066.	*	2	0550	359	155.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1090.	*	2	0555	360	148.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1115.	*	2	0600	361	141.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1141.	*	2	0605	362	135.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1168.	*	2	0610	363	129.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1197.	*	2	0615	364	123.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1230.	*	2	0620	365	118.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1267.	*	2	0625	366	114.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1309.	*	2	0630	367	111.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1357.	*	2	0635	368	108.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1421.	*	2	0640	369	105.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1515.	*	2	0645	370	102.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1664.	*	2	0650	371	99.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1875.	*	2	0655	372	95.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2153.	*	2	0700	373	92.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2503.	*	2	0705	374	89.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2900.	*	2	0710	375	86.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3296.	*	2	0715	376	83.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	3640.	*	2	0720	377	80.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3974.	*	2	0725	378	77.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	4358.	*	2	0730	379	75.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4888.	*	2	0735	380	73.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5657.	*	2	0740	381	70.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	6995.	*	2	0745	382	68.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	9349.	*	2	0750	383	66.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	12490.	*	2	0755	384	65.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	17049.	*	2	0800	385	63.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	23040.	*	2	0805	386	61.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	29207.	*	2	0810	387	59.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	35615.	*	2	0815	388	57.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	41367.	*	2	0820	389	56.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	46131.	*	2	0825	390	54.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	49698.	*	2	0830	391	52.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	52052.	*	2	0835	392	50.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	53474.	*	2	0840	393	49.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	54176.	*	2	0845	394	47.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	54360.	*	2	0850	395	45.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	54186.	*	2	0855	396	43.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	53741.	*	2	0900	397	42.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	53077.	*	2	0905	398	41.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	52236.	*	2	0910	399	39.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	51266.	*	2	0915	400	38.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	50207.	*	2	0920	401	37.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	49082.	*	2	0925	402	35.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	47894.	*	2	0930	403	34.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	46660.	*	2	0935	404	32.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	45389.	*	2	0940	405	31.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	44086.	*	2	0945	406	29.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	42769.	*	2	0950	407	28.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	41436.	*	2	0955	408	26.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	40037.	*	2	1000	409	25.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	38568.	*	2	1005	410	23.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	37056.	*	2	1010	411	22.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	35554.	*	2	1015	412	21.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	34084.	*	2	1020	413	20.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	32594.	*	2	1025	414	19.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	31109.	*	2	1030	415	18.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	29686.	*	2	1035	416	17.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	28368.	*	2	1040	417	17.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	27092.	*	2	1045	418	16.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	25841.	*	2	1050	419	16.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	24652.	*	2	1055	420	15.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	23573.	*	2	1100	421	15.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	22605.	*	2	1105	422	14.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	21643.	*	2	1110	423	14.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	20698.	*	2	1115	424	14.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	19790.	*	2	1120	425	13.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	18894.	*	2	1125	426	13.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	18106.	*	2	1130	427	12.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	17388.	*	2	1135	428	12.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	16671.	*	2	1140	429	11.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	15956.	*	2	1145	430	11.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	15281.	*	2	1150	431	10.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	14623.	*	2	1155	432	10.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	14012.	*	2	1200	433	9.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	13467.	*	2	1205	434	9.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	12952.	*	2	1210	435	8.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	12448.	*	2	1215	436	8.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	11957.	*	2	1220	437	7.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	11458.	*	2	1225	438	7.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	10975.	*	2	1230	439	6.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	10521.	*	2	1235	440	6.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	10108.	*	2	1240	441	5.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	9741.	*	2	1245	442	5.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	9410.	*	2	1250	443	5.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	9089.	*	2	1255	444	4.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	8766.	*	2	1300	445	4.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	8445.	*	2	1305	446	4.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	8129.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	7822.	*	2	1315	448	3.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	7498.	*	2	1320	449	3.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	7199.	*	2	1325	450	3.	*	3	0810	675	0.	*	4	0255	900	0.

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 54360.	14.08	(CFS)	26814.	7748.	2591.	2490.
		(INCHES)	1.752	2.025	2.031	2.031
		(AC-FT)	13296.	15367.	15416.	15416.

CUMULATIVE AREA = 142.29 SQ MI

HYDROGRAPH AT C528
TRANSPOSITION AREA 1.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6919.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	6676.	2		1335	452	2.	3		0820	677	0.
1		0010	3	0.	1		1855	228	6465.	2		1340	453	2.	3		0825	678	0.
1		0015	4	0.	1		1900	229	6282.	2		1345	454	2.	3		0830	679	0.
1		0020	5	0.	1		1905	230	6106.	2		1350	455	2.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5922.	2		1355	456	2.	3		0840	681	0.
1		0030	7	0.	1		1915	232	5737.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	5545.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	5353.	2		1410	459	1.	3		0855	684	0.
1		0045	10	1.	1		1930	235	5165.	2		1415	460	1.	3		0900	685	0.
1		0050	11	1.	1		1935	236	4982.	2		1420	461	1.	3		0905	686	0.
1		0055	12	1.	1		1940	237	4806.	2		1425	462	1.	3		0910	687	0.
1		0100	13	2.	1		1945	238	4637.	2		1430	463	1.	3		0915	688	0.
1		0105	14	2.	1		1950	239	4477.	2		1435	464	1.	3		0920	689	0.
1		0110	15	2.	1		1955	240	4330.	2		1440	465	1.	3		0925	690	0.
1		0115	16	3.	1		2000	241	4190.	2		1445	466	1.	3		0930	691	0.
1		0120	17	3.	1		2005	242	4061.	2		1450	467	1.	3		0935	692	0.
1		0125	18	3.	1		2010	243	3945.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	3845.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	3764.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	3694.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	3621.	2		1515	472	0.	3		1000	697	0.
1		0150	23	6.	1		2035	248	3541.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	3455.	2		1525	474	0.	3		1010	699	0.
1		0200	25	7.	1		2045	250	3364.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	3270.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	3174.	2		1540	477	0.	3		1025	702	0.
1		0215	28	8.	1		2100	253	3080.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	2981.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	2883.	2		1555	480	0.	3		1040	705	0.
1		0230	31	10.	1		2115	256	2785.	2		1600	481	0.	3		1045	706	0.
1		0235	32	11.	1		2120	257	2689.	2		1605	482	0.	3		1050	707	0.
1		0240	33	12.	1		2125	258	2595.	2		1610	483	0.	3		1055	708	0.
1		0245	34	12.	1		2130	259	2503.	2		1615	484	0.	3		1100	709	0.
1		0250	35	13.	1		2135	260	2416.	2		1620	485	0.	3		1105	710	0.
1		0255	36	13.	1		2140	261	2332.	2		1625	486	0.	3		1110	711	0.
1		0300	37	14.	1		2145	262	2252.	2		1630	487	0.	3		1115	712	0.
1		0305	38	15.	1		2150	263	2178.	2		1635	488	0.	3		1120	713	0.
1		0310	39	15.	1		2155	264	2112.	2		1640	489	0.	3		1125	714	0.
1		0315	40	16.	1		2200	265	2051.	2		1645	490	0.	3		1130	715	0.
1		0320	41	17.	1		2205	266	1994.	2		1650	491	0.	3		1135	716	0.
1		0325	42	18.	1		2210	267	1939.	2		1655	492	0.	3		1140	717	0.
1		0330	43	18.	1		2215	268	1886.	2		1700	493	0.	3		1145	718	0.
1		0335	44	19.	1		2220	269	1833.	2		1705	494	0.	3		1150	719	0.
1		0340	45	21.	1		2225	270	1782.	2		1710	495	0.	3		1155	720	0.
1		0345	46	22.	1		2230	271	1732.	2		1715	496	0.	3		1200	721	0.
1		0350	47	24.	1		2235	272	1684.	2		1720	497	0.	3		1205	722	0.
1		0355	48	27.	1		2240	273	1638.	2		1725	498	0.	3		1210	723	0.
1		0400	49	29.	1		2245	274	1592.	2		1730	499	0.	3		1215	724	0.
1		0405	50	32.	1		2250	275	1548.	2		1735	500	0.	3		1220	725	0.
1		0410	51	36.	1		2255	276	1503.	2		1740	501	0.	3		1225	726	0.
1		0415	52	40.	1		2300	277	1457.	2		1745	502	0.	3		1230	727	0.
1		0420	53	45.	1		2305	278	1404.	2		1750	503	0.	3		1235	728	0.
1		0425	54	51.	1		2310	279	1342.	2		1755	504	0.	3		1240	729	0.
1		0430	55	57.	1		2315	280	1263.	2		1800	505	0.	3		1245	730	0.
1		0435	56	63.	1		2320	281	1169.	2		1805	506	0.	3		1250	731	0.
1		0440	57	74.	1		2325	282	1098.	2		1810	507	0.	3		1255	732	0.
1		0445	58	88.	1		2330	283	1053.	2		1815	508	0.	3		1300	733	0.
1		0450	59	102.	1		2335	284	1023.	2		1820	509	0.	3		1305	734	0.
1		0455	60	119.	1		2340	285	1000.	2		1825	510	0.	3		1310	735	0.
1		0500	61	139.	1		2345	286	980.	2		1830	511	0.	3		1315	736	0.
1		0505	62	161.	1		2350	287	962.	2		1835	512	0.	3		1320	737	0.
1		0510	63	181.	1		2355	288	944.	2		1840	513	0.	3		1325	738	0.
1		0515	64	199.	2		0000	289	928.	2		1845	514	0.	3		1330	739	0.
1		0520	65	216.	2		0005	290	912.	2		1850	515	0.	3		1335	740	0.
1		0525	66	231.	2		0010	291	897.	2		1855	516	0.	3		1340	741	0.
1		0530	67	244.	2		0015	292	882.	2		1900	517	0.	3		1345	742	0.
1		0535	68	257.	2		0020	293	869.	2		1905	518	0.	3		1350	743	0.
1		0540	69	269.	2		0025	294	856.	2		1910	519	0.	3		1355	744	0.
1		0545	70	280.	2		0030	295	844.	2		1915	520	0.	3		1400	745	0.
1		0550	71	292.	2		0035	296	833.	2		1920	521	0.	3		1405	746	0.
1		0555	72	304.	2		0040	297	822.	2		1925	522	0.	3		1410	747	0.
1		0600	73	321.	2		0045	298	812.	2		1930	523	0.	3		1415	748	0.
1		0605	74	337.	2		0050	299	802.	2		1935	524	0.	3		1420	749	0.
1		0610	75	351.	2		0055	300	792.	2		1940	525	0.	3		1425	750	0.
1		0615	76	364.	2		0100	301	783.	2		1945	526	0.	3		1430	751	0.
1		0620	77	377.	2		0105	302	772.	2		1950	527	0.	3		1435	752	0.
1		0625	78	389.	2		0110	303	762.	2		1955	528	0.	3		1440	753	0.
1		0630	79	401.	2		0115	304	751.	2		2000	529	0.	3		1445	754	0.
1		0635	80	413.	2		0120	305	739.	2		2005	530	0.	3		1450	755	0.
1		0640	81	424.	2		0125	306	728.	2		2010	531	0.	3		1455	756	0.
1		0645	82	434.	2		0130	307	717.	2		2015	532	0.	3		1500	757	0.
1		0650	83	444.	2		0135	308	706.	2		2020	533	0.	3		1505	758	0.

1	0655	84	453.	*	2	0140	309	695.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	462.	*	2	0145	310	683.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	470.	*	2	0150	311	670.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	478.	*	2	0155	312	658.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	486.	*	2	0200	313	645.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	494.	*	2	0205	314	632.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	501.	*	2	0210	315	619.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	509.	*	2	0215	316	606.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	516.	*	2	0220	317	593.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	523.	*	2	0225	318	579.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	530.	*	2	0230	319	565.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	537.	*	2	0235	320	552.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	545.	*	2	0240	321	539.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	552.	*	2	0245	322	527.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	559.	*	2	0250	323	514.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	567.	*	2	0255	324	500.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	575.	*	2	0300	325	486.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	584.	*	2	0305	326	471.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	592.	*	2	0310	327	456.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	600.	*	2	0315	328	441.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	608.	*	2	0320	329	426.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	616.	*	2	0325	330	411.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	624.	*	2	0330	331	396.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	633.	*	2	0335	332	382.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	641.	*	2	0340	333	369.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	650.	*	2	0345	334	357.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	659.	*	2	0350	335	346.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	669.	*	2	0355	336	335.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	679.	*	2	0400	337	325.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	689.	*	2	0405	338	316.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	699.	*	2	0410	339	307.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	710.	*	2	0415	340	299.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	722.	*	2	0420	341	291.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	733.	*	2	0425	342	284.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	745.	*	2	0430	343	278.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	759.	*	2	0435	344	272.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	773.	*	2	0440	345	265.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	788.	*	2	0445	346	258.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	803.	*	2	0450	347	250.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	819.	*	2	0455	348	241.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	836.	*	2	0500	349	233.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	854.	*	2	0505	350	224.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	875.	*	2	0510	351	216.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	897.	*	2	0515	352	208.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	921.	*	2	0520	353	200.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	946.	*	2	0525	354	192.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	970.	*	2	0530	355	184.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	994.	*	2	0535	356	176.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	1018.	*	2	0540	357	169.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	1041.	*	2	0545	358	161.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	1064.	*	2	0550	359	154.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1088.	*	2	0555	360	147.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1113.	*	2	0600	361	141.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1138.	*	2	0605	362	134.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1165.	*	2	0610	363	128.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1195.	*	2	0615	364	123.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1227.	*	2	0620	365	118.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1265.	*	2	0625	366	114.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1307.	*	2	0630	367	111.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1355.	*	2	0635	368	108.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1420.	*	2	0640	369	105.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1515.	*	2	0645	370	101.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1664.	*	2	0650	371	98.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1874.	*	2	0655	372	95.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2152.	*	2	0700	373	92.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2502.	*	2	0705	374	89.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2898.	*	2	0710	375	86.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3295.	*	2	0715	376	83.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	3638.	*	2	0720	377	80.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3971.	*	2	0725	378	77.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	4355.	*	2	0730	379	75.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4882.	*	2	0735	380	73.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5648.	*	2	0740	381	70.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	6977.	*	2	0745	382	68.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	9315.	*	2	0750	383	66.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	12444.	*	2	0755	384	64.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	16968.	*	2	0800	385	63.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	22933.	*	2	0805	386	61.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	29063.	*	2	0810	387	59.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	35449.	*	2	0815	388	57.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	41185.	*	2	0820	389	56.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	45938.	*	2	0825	390	54.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	49505.	*	2	0830	391	52.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	51864.	*	2	0835	392	50.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	53293.	*	2	0840	393	49.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	54006.	*	2	0845	394	47.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	54196.	*	2	0850	395	45.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	54024.	*	2	0855	396	43.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	53582.	*	2	0900	397	42.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	52923.	*	2	0905	398	41.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	52087.	*	2	0910	399	39.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	51127.	*	2	0915	400	38.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	50076.	*	2	0920	401	37.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	48956.	*	2	0925	402	35.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	47773.	*	2	0930	403	34.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	46547.	*	2	0935	404	32.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	45284.	*	2	0940	405	31.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	43987.	*	2	0945	406	29.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	42679.	*	2	0950	407	28.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	41348.	*	2	0955	408	26.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	39948.	*	2	1000	409	25.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	38479.	*	2	1005	410	23.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	36970.	*	2	1010	411	22.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	35475.	*	2	1015	412	21.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	34006.	*	2	1020	413	20.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	32517.	*	2	1025	414	19.	*	3	0510	639	0.	*	3	2355	864	0.

1	1545	190	31036.	*	2	1030	415	18.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	29620.	*	2	1035	416	17.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	28309.	*	2	1040	417	17.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	27035.	*	2	1045	418	16.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	25788.	*	2	1050	419	16.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	24603.	*	2	1055	420	15.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	23532.	*	2	1100	421	15.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	22565.	*	2	1105	422	14.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	21604.	*	2	1110	423	14.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	20661.	*	2	1115	424	13.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	19755.	*	2	1120	425	13.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	18859.	*	2	1125	426	13.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	18077.	*	2	1130	427	12.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	17361.	*	2	1135	428	12.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	16644.	*	2	1140	429	11.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	15929.	*	2	1145	430	11.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	15256.	*	2	1150	431	10.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	14598.	*	2	1155	432	10.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	13991.	*	2	1200	433	9.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	13447.	*	2	1205	434	9.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	12931.	*	2	1210	435	8.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	12429.	*	2	1215	436	8.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	11937.	*	2	1220	437	7.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	11438.	*	2	1225	438	7.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	10956.	*	2	1230	439	6.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	10504.	*	2	1235	440	6.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	10092.	*	2	1240	441	5.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	9727.	*	2	1245	442	5.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	9396.	*	2	1250	443	5.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	9075.	*	2	1255	444	4.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	8752.	*	2	1300	445	4.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	8431.	*	2	1305	446	4.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	8116.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	7808.	*	2	1315	448	3.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	7484.	*	2	1320	449	3.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	7186.	*	2	1325	450	3.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+		(CFS)				
+ 54196.	14.08		26744.	7728.	2584.	2484.
		(INCHES)	1.748	2.020	2.026	2.026
		(AC-FT)	13261.	15329.	15378.	15378.

CUMULATIVE AREA = 142.29 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	6599.	*	2		1330	451	2.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	6399.	*	2		1335	452	2.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	6221.	*	2		1340	453	2.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	6041.	*	2		1345	454	2.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	5856.	*	2		1350	455	1.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	5668.	*	2		1355	456	1.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	5475.	*	2		1400	457	1.	*	3		0845	682	0.
1		0035	8	0.	*	1		1920	233	5283.	*	2		1405	458	1.	*	3		0850	683	0.
1		0040	9	0.	*	1		1925	234	5096.	*	2		1410	459	1.	*	3		0855	684	0.
1		0045	10	1.	*	1		1930	235	4914.	*	2		1415	460	1.	*	3		0900	685	0.
1		0050	11	1.	*	1		1935	236	4740.	*	2		1420	461	1.	*	3		0905	686	0.
1		0055	12	1.	*	1		1940	237	4573.	*	2		1425	462	1.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	4416.	*	2		1430	463	1.	*	3		0915	688	0.
1		0105	14	2.	*	1		1950	239	4272.	*	2		1435	464	1.	*	3		0920	689	0.
1		0110	15	2.	*	1		1955	240	4135.	*	2		1440	465	1.	*	3		0925	690	0.
1		0115	16	3.	*	1		2000	241	4010.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	3.	*	1		2005	242	3900.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	3.	*	1		2010	243	3808.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	4.	*	1		2015	244	3732.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	4.	*	1		2020	245	3662.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	5.	*	1		2025	246	3585.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	5.	*	1		2030	247	3502.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	6.	*	1		2035	248	3413.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	6.	*	1		2040	249	3319.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	7.	*	1		2045	250	3223.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	7.	*	1		2050	251	3128.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	8.	*	1		2055	252	3031.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	8.	*	1		2100	253	2931.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	9.	*	1		2105	254	2832.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	10.	*	1		2110	255	2734.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	10.	*	1		2115	256	2638.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	11.	*	1		2120	257	2544.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	12.	*	1		2125	258	2454.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	12.	*	1		2130	259	2367.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	13.	*	1		2135	260	2284.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	13.	*	1		2140	261	2207.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	14.	*	1		2145	262	2136.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	15.	*	1		2150	263	2073.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	15.	*	1		2155	264	2013.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	16.	*	1		2200	265	1956.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	17.	*	1		2205	266	1902.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	18.	*	1		2210	267	1848.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	18.	*	1		2215	268	1795.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	19.	*	1		2220	269	1743.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	20.	*	1		2225	270	1693.	*	2		1710	495	0.	*	3		1155	720	0.
1		0345	46	22.	*	1		2230	271	1645.	*	2		1715	496	0.	*	3		1200	721	0.
1		0350	47	24.	*	1		2235	272	1597.	*	2		1720	497	0.	*	3		1205	722	0.

1	0355	48	26.	*	1	2240	273	1550.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	29.	*	1	2245	274	1503.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	32.	*	1	2250	275	1452.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	35.	*	1	2255	276	1393.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	39.	*	1	2300	277	1327.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	43.	*	1	2305	278	1236.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	48.	*	1	2310	279	1135.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	53.	*	1	2315	280	1071.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	59.	*	1	2320	281	1031.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	66.	*	1	2325	282	1003.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	77.	*	1	2330	283	980.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	90.	*	1	2335	284	961.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	103.	*	1	2340	285	942.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	119.	*	1	2345	286	925.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	138.	*	1	2350	287	908.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	158.	*	1	2355	288	893.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	177.	*	2	0000	289	878.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	195.	*	2	0005	290	864.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	210.	*	2	0010	291	852.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	224.	*	2	0015	292	840.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	237.	*	2	0020	293	829.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	248.	*	2	0025	294	819.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	259.	*	2	0030	295	809.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	270.	*	2	0035	296	799.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	280.	*	2	0040	297	789.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	290.	*	2	0045	298	779.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	300.	*	2	0050	299	769.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	312.	*	2	0055	300	758.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	327.	*	2	0100	301	747.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	340.	*	2	0105	302	735.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	351.	*	2	0110	303	724.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	362.	*	2	0115	304	713.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	373.	*	2	0120	305	702.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	384.	*	2	0125	306	691.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	395.	*	2	0130	307	679.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	406.	*	2	0135	308	668.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	416.	*	2	0140	309	656.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	426.	*	2	0145	310	644.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	435.	*	2	0150	311	632.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	444.	*	2	0155	312	620.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	453.	*	2	0200	313	608.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	460.	*	2	0205	314	596.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	468.	*	2	0210	315	583.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	475.	*	2	0215	316	571.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	483.	*	2	0220	317	558.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	490.	*	2	0225	318	547.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	497.	*	2	0230	319	535.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	504.	*	2	0235	320	524.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	510.	*	2	0240	321	511.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	517.	*	2	0245	322	499.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	524.	*	2	0250	323	485.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	531.	*	2	0255	324	471.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	538.	*	2	0300	325	457.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	545.	*	2	0305	326	443.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	552.	*	2	0310	327	428.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	559.	*	2	0315	328	414.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	567.	*	2	0320	329	400.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	575.	*	2	0325	330	386.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	584.	*	2	0330	331	374.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	593.	*	2	0335	332	361.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	601.	*	2	0340	333	350.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	610.	*	2	0345	334	340.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	619.	*	2	0350	335	330.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	628.	*	2	0355	336	321.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	637.	*	2	0400	337	312.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	647.	*	2	0405	338	304.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	656.	*	2	0410	339	296.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	667.	*	2	0415	340	288.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	677.	*	2	0420	341	282.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	688.	*	2	0425	342	276.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	700.	*	2	0430	343	269.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	711.	*	2	0435	344	262.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	724.	*	2	0440	345	255.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	737.	*	2	0445	346	246.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	750.	*	2	0450	347	238.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	765.	*	2	0455	348	230.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	781.	*	2	0500	349	221.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	797.	*	2	0505	350	213.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	814.	*	2	0510	351	204.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	830.	*	2	0515	352	196.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	848.	*	2	0520	353	188.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	868.	*	2	0525	354	180.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	889.	*	2	0530	355	173.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	913.	*	2	0535	356	165.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	939.	*	2	0540	357	158.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	966.	*	2	0545	358	151.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	992.	*	2	0550	359	144.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	1018.	*	2	0555	360	138.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1044.	*	2	0600	361	131.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1071.	*	2	0605	362	126.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1098.	*	2	0610	363	120.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1127.	*	2	0615	364	116.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1159.	*	2	0620	365	112.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1196.	*	2	0625	366	109.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1241.	*	2	0630	367	106.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1297.	*	2	0635	368	103.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1374.	*	2	0640	369	100.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1484.	*	2	0645	370	97.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1646.	*	2	0650	371	94.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1861.	*	2	0655	372	90.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2135.	*	2	0700	373	87.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2480.	*	2	0705	374	84.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2869.	*	2	0710	375	82.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3254.	*	2	0715	376	79.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	3588.	*	2	0720	377	76.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3905.	*	2	0725	378	74.	*	3	0210	603	0.	*	3	2055	828	0.

1	1245	154	4262.	*	2	0730	379	72.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4727.	*	2	0735	380	70.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5405.	*	2	0740	381	68.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	6496.	*	2	0745	382	66.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	8392.	*	2	0750	383	64.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	11168.	*	2	0755	384	62.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	14826.	*	2	0800	385	60.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	20038.	*	2	0805	386	58.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	25441.	*	2	0810	387	57.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	31051.	*	2	0815	388	55.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	36215.	*	2	0820	389	53.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	40554.	*	2	0825	390	51.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	43952.	*	2	0830	391	49.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	46432.	*	2	0835	392	48.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	48055.	*	2	0840	393	46.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	48953.	*	2	0845	394	44.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	49336.	*	2	0850	395	42.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	49347.	*	2	0855	396	41.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	49088.	*	2	0900	397	40.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	48629.	*	2	0905	398	39.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	48013.	*	2	0910	399	37.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	47266.	*	2	0915	400	36.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	46408.	*	2	0920	401	34.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	45454.	*	2	0925	402	33.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	44420.	*	2	0930	403	31.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	43330.	*	2	0935	404	29.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	42219.	*	2	0940	405	28.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	41048.	*	2	0945	406	26.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	39791.	*	2	0950	407	25.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	38460.	*	2	0955	408	24.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	37088.	*	2	1000	409	22.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	35716.	*	2	1005	410	21.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	34357.	*	2	1010	411	20.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	32961.	*	2	1015	412	19.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	31553.	*	2	1020	413	18.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	30187.	*	2	1025	414	18.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	28913.	*	2	1030	415	17.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	27703.	*	2	1035	416	16.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	26503.	*	2	1040	417	16.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	25333.	*	2	1045	418	15.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	24225.	*	2	1050	419	15.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	23237.	*	2	1055	420	14.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	22303.	*	2	1100	421	14.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	21365.	*	2	1105	422	14.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	20445.	*	2	1110	423	13.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	19564.	*	2	1115	424	13.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	18681.	*	2	1120	425	12.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	17931.	*	2	1125	426	12.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	17223.	*	2	1130	427	11.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	16508.	*	2	1135	428	11.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	15799.	*	2	1140	429	10.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	15132.	*	2	1145	430	10.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	14480.	*	2	1150	431	9.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	13886.	*	2	1155	432	9.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	13349.	*	2	1200	433	8.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	12831.	*	2	1205	434	8.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	12334.	*	2	1210	435	7.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	11835.	*	2	1215	436	7.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	11335.	*	2	1220	437	6.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	10854.	*	2	1225	438	6.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	10406.	*	2	1230	439	5.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	10004.	*	2	1235	440	5.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	9640.	*	2	1240	441	5.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	9312.	*	2	1245	442	4.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8987.	*	2	1250	443	4.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	8660.	*	2	1255	444	4.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	8337.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	8021.	*	2	1305	446	3.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	7713.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	7378.	*	2	1315	448	3.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	7095.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6834.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	74.92-HR
+ 49347.	14.17	(CFS)	24714.	7170.	2398.	2304.
		(INCHES)	1.615	1.874	1.880	1.880
		(AC-FT)	12255.	14221.	14266.	14266.

CUMULATIVE AREA = 142.29 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 20.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6448.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	6266.	2		1335	452	2.	3		0820	677	0.
1		0010	3	0.	1		1855	228	6087.	2		1340	453	2.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5902.	2		1345	454	1.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5715.	2		1350	455	1.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5522.	2		1355	456	1.	3		0840	681	0.
1		0030	7	0.	1		1915	232	5329.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	5140.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4956.	2		1410	459	1.	3		0855	684	0.
1		0045	10	1.	1		1930	235	4780.	2		1415	460	1.	3		0900	685	0.
1		0050	11	1.	1		1935	236	4611.	2		1420	461	1.	3		0905	686	0.

1	0055	12	1.	*	1	1940	237	4450.	*	2	1425	462	1.	*	3	0910	687	0.
1	0100	13	2.	*	1	1945	238	4305.	*	2	1430	463	1.	*	3	0915	688	0.
1	0105	14	2.	*	1	1950	239	4165.	*	2	1435	464	1.	*	3	0920	689	0.
1	0110	15	2.	*	1	1955	240	4036.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	3.	*	1	2000	241	3922.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	3.	*	1	2005	242	3825.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	3.	*	1	2010	243	3747.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	4.	*	1	2015	244	3677.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	4.	*	1	2020	245	3602.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	5.	*	1	2025	246	3519.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	5.	*	1	2030	247	3431.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	6.	*	1	2035	248	3338.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	6.	*	1	2040	249	3241.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	7.	*	1	2045	250	3145.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	7.	*	1	2050	251	3048.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	8.	*	1	2055	252	2949.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	8.	*	1	2100	253	2849.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	9.	*	1	2105	254	2750.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	10.	*	1	2110	255	2653.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	10.	*	1	2115	256	2558.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	11.	*	1	2120	257	2467.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	12.	*	1	2125	258	2379.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	12.	*	1	2130	259	2295.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	13.	*	1	2135	260	2216.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	13.	*	1	2140	261	2144.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	14.	*	1	2145	262	2080.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	15.	*	1	2150	263	2018.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	15.	*	1	2155	264	1962.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	16.	*	1	2200	265	1906.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	17.	*	1	2205	266	1851.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	18.	*	1	2210	267	1798.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	18.	*	1	2215	268	1745.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	19.	*	1	2220	269	1694.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	20.	*	1	2225	270	1645.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	22.	*	1	2230	271	1597.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	24.	*	1	2235	272	1549.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	26.	*	1	2240	273	1499.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	29.	*	1	2245	274	1445.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	31.	*	1	2250	275	1382.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	34.	*	1	2255	276	1308.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	38.	*	1	2300	277	1212.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	42.	*	1	2305	278	1117.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	47.	*	1	2310	279	1057.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	52.	*	1	2315	280	1018.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	57.	*	1	2320	281	991.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	63.	*	1	2325	282	969.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	72.	*	1	2330	283	949.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	84.	*	1	2335	284	931.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	97.	*	1	2340	285	913.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	110.	*	1	2345	286	897.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	126.	*	1	2350	287	882.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	145.	*	1	2355	288	867.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	165.	*	2	0000	289	854.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	183.	*	2	0005	290	842.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	199.	*	2	0010	291	831.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	213.	*	2	0015	292	820.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	226.	*	2	0020	293	811.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	238.	*	2	0025	294	801.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	249.	*	2	0030	295	791.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	259.	*	2	0035	296	781.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	269.	*	2	0040	297	770.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	278.	*	2	0045	298	760.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	287.	*	2	0050	299	748.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	297.	*	2	0055	300	737.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	306.	*	2	0100	301	726.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	320.	*	2	0105	302	715.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	333.	*	2	0110	303	704.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	344.	*	2	0115	304	693.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	354.	*	2	0120	305	681.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	364.	*	2	0125	306	670.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	374.	*	2	0130	307	658.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	385.	*	2	0135	308	647.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	395.	*	2	0140	309	635.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	405.	*	2	0145	310	624.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	415.	*	2	0150	311	612.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	424.	*	2	0155	312	600.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	433.	*	2	0200	313	588.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	442.	*	2	0205	314	576.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	450.	*	2	0210	315	564.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	457.	*	2	0215	316	553.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	465.	*	2	0220	317	542.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	472.	*	2	0225	318	531.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	479.	*	2	0230	319	520.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	486.	*	2	0235	320	508.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	493.	*	2	0240	321	496.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	499.	*	2	0245	322	483.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	506.	*	2	0250	323	469.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	513.	*	2	0255	324	456.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	520.	*	2	0300	325	442.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	526.	*	2	0305	326	428.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	533.	*	2	0310	327	414.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	540.	*	2	0315	328	400.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	547.	*	2	0320	329	387.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	554.	*	2	0325	330	374.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	562.	*	2	0330	331	362.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	570.	*	2	0335	332	351.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	578.	*	2	0340	333	341.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	588.	*	2	0345	334	331.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	597.	*	2	0350	335	322.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	606.	*	2	0355	336	314.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	615.	*	2	0400	337	305.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	625.	*	2	0405	338	297.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	634.	*	2	0410	339	290.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	644.	*	2	0415	340	283.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	654.	*	2	0420	341	277.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	665.	*	2	0425	342	271.	*	2	2310	567	0.	*	3	1755	792	0.

1	0945	118	676.	*	2	0430	343	264.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	688.	*	2	0435	344	257.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	700.	*	2	0440	345	248.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	712.	*	2	0445	346	240.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	725.	*	2	0450	347	232.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	739.	*	2	0455	348	223.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	753.	*	2	0500	349	215.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	769.	*	2	0505	350	206.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	785.	*	2	0510	351	198.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	802.	*	2	0515	352	190.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	818.	*	2	0520	353	182.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	836.	*	2	0525	354	175.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	854.	*	2	0530	355	167.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	874.	*	2	0535	356	160.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	896.	*	2	0540	357	153.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	921.	*	2	0545	358	146.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	948.	*	2	0550	359	139.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	975.	*	2	0555	360	133.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	1003.	*	2	0600	361	127.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	1032.	*	2	0605	362	121.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	1060.	*	2	0610	363	117.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1090.	*	2	0615	364	113.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1122.	*	2	0620	365	110.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1159.	*	2	0625	366	107.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1203.	*	2	0630	367	104.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1260.	*	2	0635	368	101.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1341.	*	2	0640	369	97.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1457.	*	2	0645	370	94.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1628.	*	2	0650	371	91.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1852.	*	2	0655	372	88.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2128.	*	2	0700	373	85.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2471.	*	2	0705	374	82.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2857.	*	2	0710	375	79.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3236.	*	2	0715	376	77.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	3566.	*	2	0720	377	75.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3876.	*	2	0725	378	72.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	4221.	*	2	0730	379	70.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4661.	*	2	0735	380	68.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5300.	*	2	0740	381	66.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	6275.	*	2	0745	382	64.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	7953.	*	2	0750	383	62.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	10540.	*	2	0755	384	61.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	13873.	*	2	0800	385	59.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	18577.	*	2	0805	386	57.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	23888.	*	2	0810	387	55.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	29070.	*	2	0815	388	53.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	34043.	*	2	0820	389	52.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	38202.	*	2	0825	390	50.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	41457.	*	2	0830	391	48.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	43805.	*	2	0835	392	46.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	45438.	*	2	0840	393	44.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	46460.	*	2	0845	394	42.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	46956.	*	2	0850	395	41.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	47076.	*	2	0855	396	40.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	46915.	*	2	0900	397	39.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	46531.	*	2	0905	398	37.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	45964.	*	2	0910	399	36.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	45244.	*	2	0915	400	34.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	44403.	*	2	0920	401	33.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	43488.	*	2	0925	402	31.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	42541.	*	2	0930	403	29.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	41540.	*	2	0935	404	28.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	40460.	*	2	0940	405	26.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	39304.	*	2	0945	406	25.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	38077.	*	2	0950	407	24.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	36790.	*	2	0955	408	22.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	35495.	*	2	1000	409	21.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	34202.	*	2	1005	410	20.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	32869.	*	2	1010	411	19.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	31523.	*	2	1015	412	18.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	30213.	*	2	1020	413	18.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	28989.	*	2	1025	414	17.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	27827.	*	2	1030	415	16.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	26671.	*	2	1035	416	16.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	25536.	*	2	1040	417	15.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	24450.	*	2	1045	418	15.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	23460.	*	2	1050	419	15.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	22544.	*	2	1055	420	14.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	21623.	*	2	1100	421	14.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	20710.	*	2	1105	422	13.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	19826.	*	2	1110	423	13.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	18949.	*	2	1115	424	12.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	18167.	*	2	1120	425	12.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	17455.	*	2	1125	426	11.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	16745.	*	2	1130	427	11.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	16034.	*	2	1135	428	10.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	15356.	*	2	1140	429	10.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	14696.	*	2	1145	430	9.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	14078.	*	2	1150	431	9.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	13527.	*	2	1155	432	8.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	13011.	*	2	1200	433	8.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	12501.	*	2	1205	434	7.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	12008.	*	2	1210	435	7.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	11504.	*	2	1215	436	6.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	11013.	*	2	1220	437	6.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	10550.	*	2	1225	438	5.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	10129.	*	2	1230	439	5.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	9755.	*	2	1235	440	5.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	9415.	*	2	1240	441	4.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	9088.	*	2	1245	442	4.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8760.	*	2	1250	443	4.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	8433.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	8112.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7800.	*	2	1305	446	3.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	7470.	*	2	1310	447	3.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	7170.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.

1	1835	224	6901.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6658.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 47076.	14.17	(CFS)	23676.	6884.	2302.	2212.
		(INCHES)	1.547	1.799	1.805	1.805
		(AC-FT)	11740.	13653.	13697.	13697.

CUMULATIVE AREA = 142.29 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 70.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6202.	2		1330	451	2.	3		0815	676	0.
1		0005	2	0.	1		1850	227	6019.	2		1335	452	1.	3		0820	677	0.
1		0010	3	0.	1		1855	228	5833.	2		1340	453	1.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5642.	2		1345	454	1.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5448.	2		1350	455	1.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5255.	2		1355	456	1.	3		0840	681	0.
1		0030	7	0.	1		1915	232	5067.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	4886.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4711.	2		1410	459	1.	3		0855	684	0.
1		0045	10	1.	1		1930	235	4544.	2		1415	460	1.	3		0900	685	0.
1		0050	11	1.	1		1935	236	4389.	2		1420	461	1.	3		0905	686	0.
1		0055	12	1.	1		1940	237	4245.	2		1425	462	1.	3		0910	687	0.
1		0100	13	2.	1		1945	238	4108.	2		1430	463	0.	3		0915	688	0.
1		0105	14	2.	1		1950	239	3985.	2		1435	464	0.	3		0920	689	0.
1		0110	15	2.	1		1955	240	3878.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	3790.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	3715.	2		1450	467	0.	3		0935	692	0.
1		0125	18	3.	1		2010	243	3642.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	3563.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	3477.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	3386.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	3290.	2		1515	472	0.	3		1000	697	0.
1		0150	23	6.	1		2035	248	3192.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	3097.	2		1525	474	0.	3		1010	699	0.
1		0200	25	7.	1		2045	250	2997.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	2896.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	2796.	2		1540	477	0.	3		1025	702	0.
1		0215	28	8.	1		2100	253	2697.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	2601.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	2507.	2		1555	480	0.	3		1040	705	0.
1		0230	31	10.	1		2115	256	2416.	2		1600	481	0.	3		1045	706	0.
1		0235	32	11.	1		2120	257	2330.	2		1605	482	0.	3		1050	707	0.
1		0240	33	12.	1		2125	258	2248.	2		1610	483	0.	3		1055	708	0.
1		0245	34	12.	1		2130	259	2171.	2		1615	484	0.	3		1100	709	0.
1		0250	35	13.	1		2135	260	2104.	2		1620	485	0.	3		1105	710	0.
1		0255	36	13.	1		2140	261	2040.	2		1625	486	0.	3		1110	711	0.
1		0300	37	14.	1		2145	262	1981.	2		1630	487	0.	3		1115	712	0.
1		0305	38	15.	1		2150	263	1924.	2		1635	488	0.	3		1120	713	0.
1		0310	39	15.	1		2155	264	1868.	2		1640	489	0.	3		1125	714	0.
1		0315	40	16.	1		2200	265	1813.	2		1645	490	0.	3		1130	715	0.
1		0320	41	17.	1		2205	266	1759.	2		1650	491	0.	3		1135	716	0.
1		0325	42	17.	1		2210	267	1706.	2		1655	492	0.	3		1140	717	0.
1		0330	43	18.	1		2215	268	1655.	2		1700	493	0.	3		1145	718	0.
1		0335	44	19.	1		2220	269	1605.	2		1705	494	0.	3		1150	719	0.
1		0340	45	20.	1		2225	270	1555.	2		1710	495	0.	3		1155	720	0.
1		0345	46	22.	1		2230	271	1502.	2		1715	496	0.	3		1200	721	0.
1		0350	47	24.	1		2235	272	1444.	2		1720	497	0.	3		1205	722	0.
1		0355	48	26.	1		2240	273	1376.	2		1725	498	0.	3		1210	723	0.
1		0400	49	28.	1		2245	274	1294.	2		1730	499	0.	3		1215	724	0.
1		0405	50	31.	1		2250	275	1191.	2		1735	500	0.	3		1220	725	0.
1		0410	51	34.	1		2255	276	1098.	2		1740	501	0.	3		1225	726	0.
1		0415	52	37.	1		2300	277	1040.	2		1745	502	0.	3		1230	727	0.
1		0420	53	41.	1		2305	278	1002.	2		1750	503	0.	3		1235	728	0.
1		0425	54	45.	1		2310	279	974.	2		1755	504	0.	3		1240	729	0.
1		0430	55	50.	1		2315	280	952.	2		1800	505	0.	3		1245	730	0.
1		0435	56	55.	1		2320	281	932.	2		1805	506	0.	3		1250	731	0.
1		0440	57	60.	1		2325	282	913.	2		1810	507	0.	3		1255	732	0.
1		0445	58	66.	1		2330	283	896.	2		1815	508	0.	3		1300	733	0.
1		0450	59	74.	1		2335	284	880.	2		1820	509	0.	3		1305	734	0.
1		0455	60	86.	1		2340	285	865.	2		1825	510	0.	3		1310	735	0.
1		0500	61	97.	1		2345	286	852.	2		1830	511	0.	3		1315	736	0.
1		0505	62	110.	1		2350	287	839.	2		1835	512	0.	3		1320	737	0.
1		0510	63	124.	1		2355	288	828.	2		1840	513	0.	3		1325	738	0.
1		0515	64	142.	2		0000	289	817.	2		1845	514	0.	3		1330	739	0.
1		0520	65	160.	2		0005	290	807.	2		1850	515	0.	3		1335	740	0.
1		0525	66	178.	2		0010	291	797.	2		1855	516	0.	3		1340	741	0.
1		0530	67	193.	2		0015	292	787.	2		1900	517	0.	3		1345	742	0.
1		0535	68	207.	2		0020	293	777.	2		1905	518	0.	3		1350	743	0.
1		0540	69	219.	2		0025	294	766.	2		1910	519	0.	3		1355	744	0.
1		0545	70	230.	2		0030	295	755.	2		1915	520	0.	3		1400	745	0.
1		0550	71	240.	2		0035	296	744.	2		1920	521	0.	3		1405	746	0.
1		0555	72	249.	2		0040	297	732.	2		1925	522	0.	3		1410	747	0.
1		0600	73	258.	2		0045	298	721.	2		1930	523	0.	3		1415	748	0.
1		0605	74	267.	2		0050	299	711.	2		1935	524	0.	3		1420	749	0.
1		0610	75	275.	2		0055	300	699.	2		1940	525	0.	3		1425	750	0.
1		0615	76	283.	2		0100	301	688.	2		1945	526	0.	3		1430	751	0.
1		0620	77	291.	2		0105	302	676.	2		1950	527	0.	3		1435	752	0.
1		0625	78	299.	2		0110	303	665.	2		1955	528	0.	3		1440	753	0.
1		0630	79	308.	2		0115	304	654.	2		2000	529	0.	3		1445	754	0.
1		0635	80	321.	2		0120	305	642.	2		2005	530	0.	3		1450	755	0.
1		0640	81	332.	2		0125	306	631.	2		2010	531	0.	3		1455	756	0.

1	0645	82	341.	*	2	0130	307	620.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	350.	*	2	0135	308	609.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	359.	*	2	0140	309	598.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	367.	*	2	0145	310	587.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	376.	*	2	0150	311	575.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	384.	*	2	0155	312	564.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	393.	*	2	0200	313	554.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	403.	*	2	0205	314	544.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	412.	*	2	0210	315	534.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	420.	*	2	0215	316	524.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	429.	*	2	0220	317	514.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	437.	*	2	0225	318	502.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	445.	*	2	0230	319	491.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	452.	*	2	0235	320	478.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	459.	*	2	0240	321	466.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	466.	*	2	0245	322	453.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	473.	*	2	0250	323	440.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	480.	*	2	0255	324	427.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	486.	*	2	0300	325	414.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	493.	*	2	0305	326	402.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	499.	*	2	0310	327	389.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	506.	*	2	0315	328	377.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	513.	*	2	0320	329	365.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	519.	*	2	0325	330	354.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	526.	*	2	0330	331	344.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	533.	*	2	0335	332	335.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	541.	*	2	0340	333	326.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	548.	*	2	0345	334	317.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	556.	*	2	0350	335	309.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	564.	*	2	0355	336	301.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	573.	*	2	0400	337	293.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	582.	*	2	0405	338	287.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	592.	*	2	0410	339	280.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	603.	*	2	0415	340	275.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	613.	*	2	0420	341	268.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	623.	*	2	0425	342	261.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	634.	*	2	0430	343	253.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	645.	*	2	0435	344	245.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	656.	*	2	0440	345	236.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	668.	*	2	0445	346	228.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	680.	*	2	0450	347	219.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	693.	*	2	0455	348	211.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	706.	*	2	0500	349	203.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	720.	*	2	0505	350	194.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	735.	*	2	0510	351	186.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	750.	*	2	0515	352	179.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	765.	*	2	0520	353	171.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	783.	*	2	0525	354	163.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	800.	*	2	0530	355	156.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	817.	*	2	0535	356	149.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	835.	*	2	0540	357	142.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	854.	*	2	0545	358	136.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	874.	*	2	0550	359	129.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	897.	*	2	0555	360	124.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	922.	*	2	0600	361	119.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	950.	*	2	0605	362	115.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	980.	*	2	0610	363	111.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	1013.	*	2	0615	364	108.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1047.	*	2	0620	365	105.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1087.	*	2	0625	366	102.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1132.	*	2	0630	367	99.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1190.	*	2	0635	368	96.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1274.	*	2	0640	369	93.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1399.	*	2	0645	370	90.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1579.	*	2	0650	371	87.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1825.	*	2	0655	372	84.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2114.	*	2	0700	373	81.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2457.	*	2	0705	374	78.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2840.	*	2	0710	375	76.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3212.	*	2	0715	376	74.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	3534.	*	2	0720	377	71.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3832.	*	2	0725	378	69.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	4157.	*	2	0730	379	67.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4559.	*	2	0735	380	65.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5123.	*	2	0740	381	64.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	5921.	*	2	0745	382	62.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	7302.	*	2	0750	383	60.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	9585.	*	2	0755	384	58.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	12385.	*	2	0800	385	56.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	16192.	*	2	0805	386	54.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	21072.	*	2	0810	387	52.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	25692.	*	2	0815	388	51.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	30357.	*	2	0820	389	49.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	34364.	*	2	0825	390	47.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	37521.	*	2	0830	391	45.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	39854.	*	2	0835	392	43.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	41419.	*	2	0840	393	42.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	42366.	*	2	0845	394	40.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	42858.	*	2	0850	395	39.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	43005.	*	2	0855	396	38.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	42891.	*	2	0900	397	36.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	42575.	*	2	0905	398	35.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	42098.	*	2	0910	399	33.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	41491.	*	2	0915	400	31.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	40772.	*	2	0920	401	30.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	39956.	*	2	0925	402	28.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	39050.	*	2	0930	403	27.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	38058.	*	2	0935	404	25.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	36997.	*	2	0940	405	24.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	35906.	*	2	0945	406	23.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	34798.	*	2	0950	407	21.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	33641.	*	2	0955	408	20.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	32459.	*	2	1000	409	19.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	31281.	*	2	1005	410	18.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	30125.	*	2	1010	411	18.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	29025.	*	2	1015	412	17.	*	3	0500	637	0.	*	3	2345	862	0.

1	1535	188	27966.	*	2	1020	413	17.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	26902.	*	2	1025	414	16.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	25847.	*	2	1030	415	16.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	24822.	*	2	1035	416	15.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	23853.	*	2	1040	417	15.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22991.	*	2	1045	418	14.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	22119.	*	2	1050	419	14.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	21240.	*	2	1055	420	13.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	20370.	*	2	1100	421	13.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	19530.	*	2	1105	422	12.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	18680.	*	2	1110	423	12.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	17956.	*	2	1115	424	11.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	17264.	*	2	1120	425	11.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	16563.	*	2	1125	426	10.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15861.	*	2	1130	427	10.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	15201.	*	2	1135	428	9.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	14550.	*	2	1140	429	9.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13951.	*	2	1145	430	8.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	13411.	*	2	1150	431	8.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12894.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	12392.	*	2	1200	433	7.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11894.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	11390.	*	2	1210	435	6.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10904.	*	2	1215	436	6.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	10449.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	10037.	*	2	1225	438	5.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9666.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	9332.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	9001.	*	2	1240	441	4.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8669.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8340.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	8018.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7704.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7365.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	7078.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6816.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6580.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6381.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 43005.	14.17	(CFS)	21846.	6378.	2133.	2050.
		(INCHES)	1.428	1.667	1.672	1.672
		(AC-FT)	10833.	12651.	12692.	12692.

CUMULATIVE AREA = 142.29 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 130.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	6102.	*	2		1330	451	1.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	5915.	*	2		1335	452	1.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	5728.	*	2		1340	453	1.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	5533.	*	2		1345	454	1.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	5339.	*	2		1350	455	1.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	5148.	*	2		1355	456	1.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	4964.	*	2		1400	457	1.	*	3		0845	682	0.
1		0035	8	0.	*	1		1920	233	4786.	*	2		1405	458	1.	*	3		0850	683	0.
1		0040	9	0.	*	1		1925	234	4615.	*	2		1410	459	1.	*	3		0855	684	0.
1		0045	10	1.	*	1		1930	235	4453.	*	2		1415	460	1.	*	3		0900	685	0.
1		0050	11	1.	*	1		1935	236	4306.	*	2		1420	461	1.	*	3		0905	686	0.
1		0055	12	1.	*	1		1940	237	4165.	*	2		1425	462	0.	*	3		0910	687	0.
1		0100	13	2.	*	1		1945	238	4035.	*	2		1430	463	0.	*	3		0915	688	0.
1		0105	14	2.	*	1		1950	239	3921.	*	2		1435	464	0.	*	3		0920	689	0.
1		0110	15	2.	*	1		1955	240	3824.	*	2		1440	465	0.	*	3		0925	690	0.
1		0115	16	3.	*	1		2000	241	3745.	*	2		1445	466	0.	*	3		0930	691	0.
1		0120	17	3.	*	1		2005	242	3674.	*	2		1450	467	0.	*	3		0935	692	0.
1		0125	18	3.	*	1		2010	243	3597.	*	2		1455	468	0.	*	3		0940	693	0.
1		0130	19	4.	*	1		2015	244	3514.	*	2		1500	469	0.	*	3		0945	694	0.
1		0135	20	4.	*	1		2020	245	3424.	*	2		1505	470	0.	*	3		0950	695	0.
1		0140	21	5.	*	1		2025	246	3330.	*	2		1510	471	0.	*	3		0955	696	0.
1		0145	22	5.	*	1		2030	247	3232.	*	2		1515	472	0.	*	3		1000	697	0.
1		0150	23	6.	*	1		2035	248	3135.	*	2		1520	473	0.	*	3		1005	698	0.
1		0155	24	6.	*	1		2040	249	3037.	*	2		1525	474	0.	*	3		1010	699	0.
1		0200	25	7.	*	1		2045	250	2936.	*	2		1530	475	0.	*	3		1015	700	0.
1		0205	26	7.	*	1		2050	251	2835.	*	2		1535	476	0.	*	3		1020	701	0.
1		0210	27	8.	*	1		2055	252	2735.	*	2		1540	477	0.	*	3		1025	702	0.
1		0215	28	8.	*	1		2100	253	2637.	*	2		1545	478	0.	*	3		1030	703	0.
1		0220	29	9.	*	1		2105	254	2542.	*	2		1550	479	0.	*	3		1035	704	0.
1		0225	30	10.	*	1		2110	255	2449.	*	2		1555	480	0.	*	3		1040	705	0.
1		0230	31	10.	*	1		2115	256	2361.	*	2		1600	481	0.	*	3		1045	706	0.
1		0235	32	11.	*	1		2120	257	2277.	*	2		1605	482	0.	*	3		1050	707	0.
1		0240	33	12.	*	1		2125	258	2198.	*	2		1610	483	0.	*	3		1055	708	0.
1		0245	34	12.	*	1		2130	259	2127.	*	2		1615	484	0.	*	3		1100	709	0.
1		0250	35	13.	*	1		2135	260	2062.	*	2		1620	485	0.	*	3		1105	710	0.
1		0255	36	13.	*	1		2140	261	2001.	*	2		1625	486	0.	*	3		1110	711	0.
1		0300	37	14.	*	1		2145	262	1943.	*	2		1630	487	0.	*	3		1115	712	0.
1		0305	38	15.	*	1		2150	263	1886.	*	2		1635	488	0.	*	3		1120	713	0.
1		0310	39	15.	*	1		2155	264	1830.	*	2		1640	489	0.	*	3		1125	714	0.
1		0315	40	16.	*	1		2200	265	1775.	*	2		1645	490	0.	*	3		1130	715	0.
1		0320	41	17.	*	1		2205	266	1722.	*	2		1650	491	0.	*	3		1135	716	0.
1		0325	42	17.	*	1		2210	267	1670.	*	2		1655	492	0.	*	3		1140	717	0.
1		0330	43	18.	*	1		2215	268	1619.	*	2		1700	493	0.	*	3		1145	718	0.
1		0335	44	19.	*	1		2220	269	1568.	*	2		1705	494	0.	*	3		1150	719	0.
1		0340	45	20.	*	1		2225	270	1514.	*	2		1710	495	0.	*	3		1155	720	0.

1	0345	46	22.	*	1	2230	271	1456.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	24.	*	1	2235	272	1389.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	26.	*	1	2240	273	1309.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	28.	*	1	2245	274	1206.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	31.	*	1	2250	275	1106.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	34.	*	1	2255	276	1042.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	37.	*	1	2300	277	1002.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	40.	*	1	2305	278	973.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	44.	*	1	2310	279	949.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	49.	*	1	2315	280	929.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	54.	*	1	2320	281	910.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	59.	*	1	2325	282	892.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	64.	*	1	2330	283	876.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	71.	*	1	2335	284	862.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	82.	*	1	2340	285	848.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	93.	*	1	2345	286	836.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	104.	*	1	2350	287	825.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	117.	*	1	2355	288	814.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	132.	*	2	0000	289	804.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	150.	*	2	0005	290	793.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	168.	*	2	0010	291	783.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	184.	*	2	0015	292	772.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	198.	*	2	0020	293	761.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	211.	*	2	0025	294	750.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	222.	*	2	0030	295	739.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	232.	*	2	0035	296	727.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	242.	*	2	0040	297	717.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	250.	*	2	0045	298	706.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	259.	*	2	0050	299	695.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	267.	*	2	0055	300	683.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	274.	*	2	0100	301	672.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	282.	*	2	0105	302	660.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	290.	*	2	0110	303	649.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	298.	*	2	0115	304	638.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	306.	*	2	0120	305	626.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	316.	*	2	0125	306	615.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	327.	*	2	0130	307	604.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	337.	*	2	0135	308	594.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	346.	*	2	0140	309	583.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	354.	*	2	0145	310	572.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	362.	*	2	0150	311	561.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	370.	*	2	0155	312	551.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	378.	*	2	0200	313	542.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	386.	*	2	0205	314	532.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	394.	*	2	0210	315	522.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	403.	*	2	0215	316	512.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	412.	*	2	0220	317	501.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	420.	*	2	0225	318	490.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	429.	*	2	0230	319	478.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	437.	*	2	0235	320	466.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	444.	*	2	0240	321	454.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	452.	*	2	0245	322	441.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	459.	*	2	0250	323	429.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	466.	*	2	0255	324	416.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	472.	*	2	0300	325	404.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	479.	*	2	0305	326	391.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	485.	*	2	0310	327	379.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	492.	*	2	0315	328	368.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	499.	*	2	0320	329	357.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	505.	*	2	0325	330	347.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	512.	*	2	0330	331	337.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	519.	*	2	0335	332	328.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	526.	*	2	0340	333	320.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	533.	*	2	0345	334	311.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	541.	*	2	0350	335	303.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	549.	*	2	0355	336	296.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	557.	*	2	0400	337	289.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	565.	*	2	0405	338	282.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	574.	*	2	0410	339	277.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	584.	*	2	0415	340	270.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	595.	*	2	0420	341	263.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	606.	*	2	0425	342	256.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	616.	*	2	0430	343	248.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	627.	*	2	0435	344	240.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	638.	*	2	0440	345	231.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	650.	*	2	0445	346	223.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	662.	*	2	0450	347	214.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	674.	*	2	0455	348	206.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	688.	*	2	0500	349	198.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	701.	*	2	0505	350	190.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	715.	*	2	0510	351	182.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	730.	*	2	0515	352	174.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	745.	*	2	0520	353	166.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	760.	*	2	0525	354	159.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	777.	*	2	0530	355	152.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	795.	*	2	0535	356	145.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	813.	*	2	0540	357	138.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	831.	*	2	0545	358	132.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	850.	*	2	0550	359	126.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	871.	*	2	0555	360	121.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	893.	*	2	0600	361	116.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	917.	*	2	0605	362	113.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	946.	*	2	0610	363	109.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	977.	*	2	0615	364	106.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1013.	*	2	0620	365	103.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1053.	*	2	0625	366	100.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1100.	*	2	0630	367	97.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1159.	*	2	0635	368	94.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1245.	*	2	0640	369	91.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1372.	*	2	0645	370	88.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1556.	*	2	0650	371	85.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1809.	*	2	0655	372	82.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2105.	*	2	0700	373	79.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2452.	*	2	0705	374	77.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2834.	*	2	0710	375	75.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3203.	*	2	0715	376	72.	*	3	0200	601	0.	*	3	2045	826	0.

1	1235	152	3522.	*	2	0720	377	70.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3816.	*	2	0725	378	68.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	4134.	*	2	0730	379	66.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4522.	*	2	0735	380	64.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5058.	*	2	0740	381	63.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	5815.	*	2	0745	382	61.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	7090.	*	2	0750	383	59.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	9180.	*	2	0755	384	57.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	11843.	*	2	0800	385	55.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	15287.	*	2	0805	386	53.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	19889.	*	2	0810	387	51.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	24469.	*	2	0815	388	49.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	28890.	*	2	0820	389	47.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32863.	*	2	0825	390	46.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	35996.	*	2	0830	391	44.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38277.	*	2	0835	392	42.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39859.	*	2	0840	393	41.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	40811.	*	2	0845	394	40.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41306.	*	2	0850	395	38.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	41463.	*	2	0855	396	37.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	41363.	*	2	0900	397	35.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	41057.	*	2	0905	398	33.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	40580.	*	2	0910	399	32.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	39956.	*	2	0915	400	30.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	39208.	*	2	0920	401	29.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	38363.	*	2	0925	402	27.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	37444.	*	2	0930	403	26.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	36480.	*	2	0935	404	24.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	35509.	*	2	0940	405	23.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	34497.	*	2	0945	406	22.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	33434.	*	2	0950	407	21.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	32334.	*	2	0955	408	20.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	31225.	*	2	1000	409	19.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	30136.	*	2	1005	410	18.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	29094.	*	2	1010	411	17.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	28079.	*	2	1015	412	17.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	27055.	*	2	1020	413	16.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	26035.	*	2	1025	414	16.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	25038.	*	2	1030	415	15.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	24087.	*	2	1035	416	15.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	23232.	*	2	1040	417	14.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22396.	*	2	1045	418	14.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	21542.	*	2	1050	419	13.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	20688.	*	2	1055	420	13.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	19853.	*	2	1100	421	12.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	19018.	*	2	1105	422	12.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	18259.	*	2	1110	423	11.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	17569.	*	2	1115	424	11.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	16879.	*	2	1120	425	10.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	16183.	*	2	1125	426	10.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15507.	*	2	1130	427	9.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	14852.	*	2	1135	428	9.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	14226.	*	2	1140	429	8.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13667.	*	2	1145	430	8.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	13150.	*	2	1150	431	7.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12633.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	12147.	*	2	1200	433	6.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11641.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	11143.	*	2	1210	435	6.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10669.	*	2	1215	436	5.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	10234.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	9849.	*	2	1225	438	4.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9494.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	9163.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	8831.	*	2	1240	441	4.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8499.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8172.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	7853.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7521.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7209.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	6933.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6684.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6468.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6281.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	74.92-HR
+ (CFS)	(HR)	(CFS)				
+ 41463.	14.17		21112.	6176.	2065.	1985.
		(INCHES)	1.380	1.614	1.619	1.619
		(AC-FT)	10469.	12249.	12289.	12289.

CUMULATIVE AREA = 142.29 SQ MI

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HYDROGRAPH AT C528
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		1845	226	6102.	*	2		1330	451	1.	*	3		0815	676	0.
1		0005	2	0.	*	1		1850	227	5915.	*	2		1335	452	1.	*	3		0820	677	0.
1		0010	3	0.	*	1		1855	228	5728.	*	2		1340	453	1.	*	3		0825	678	0.
1		0015	4	0.	*	1		1900	229	5533.	*	2		1345	454	1.	*	3		0830	679	0.
1		0020	5	0.	*	1		1905	230	5339.	*	2		1350	455	1.	*	3		0835	680	0.
1		0025	6	0.	*	1		1910	231	5148.	*	2		1355	456	1.	*	3		0840	681	0.
1		0030	7	0.	*	1		1915	232	4964.	*	2		1400	457	1.	*	3		0845	682	0.
1		0035	8	0.	*	1		1920	233	4786.	*	2		1405	458	1.	*	3		0850	683	0.
1		0040	9	0.	*	1		1925	234	4615.	*	2		1410	459	1.	*	3		0855	684	0.

1	0045	10	1.	*	1	1930	235	4453.	*	2	1415	460	1.	*	3	0900	685	0.
1	0050	11	1.	*	1	1935	236	4306.	*	2	1420	461	1.	*	3	0905	686	0.
1	0055	12	1.	*	1	1940	237	4165.	*	2	1425	462	0.	*	3	0910	687	0.
1	0100	13	2.	*	1	1945	238	4035.	*	2	1430	463	0.	*	3	0915	688	0.
1	0105	14	2.	*	1	1950	239	3921.	*	2	1435	464	0.	*	3	0920	689	0.
1	0110	15	2.	*	1	1955	240	3824.	*	2	1440	465	0.	*	3	0925	690	0.
1	0115	16	3.	*	1	2000	241	3745.	*	2	1445	466	0.	*	3	0930	691	0.
1	0120	17	3.	*	1	2005	242	3674.	*	2	1450	467	0.	*	3	0935	692	0.
1	0125	18	3.	*	1	2010	243	3597.	*	2	1455	468	0.	*	3	0940	693	0.
1	0130	19	4.	*	1	2015	244	3514.	*	2	1500	469	0.	*	3	0945	694	0.
1	0135	20	4.	*	1	2020	245	3424.	*	2	1505	470	0.	*	3	0950	695	0.
1	0140	21	5.	*	1	2025	246	3330.	*	2	1510	471	0.	*	3	0955	696	0.
1	0145	22	5.	*	1	2030	247	3232.	*	2	1515	472	0.	*	3	1000	697	0.
1	0150	23	6.	*	1	2035	248	3135.	*	2	1520	473	0.	*	3	1005	698	0.
1	0155	24	6.	*	1	2040	249	3037.	*	2	1525	474	0.	*	3	1010	699	0.
1	0200	25	7.	*	1	2045	250	2936.	*	2	1530	475	0.	*	3	1015	700	0.
1	0205	26	7.	*	1	2050	251	2835.	*	2	1535	476	0.	*	3	1020	701	0.
1	0210	27	8.	*	1	2055	252	2735.	*	2	1540	477	0.	*	3	1025	702	0.
1	0215	28	8.	*	1	2100	253	2637.	*	2	1545	478	0.	*	3	1030	703	0.
1	0220	29	9.	*	1	2105	254	2542.	*	2	1550	479	0.	*	3	1035	704	0.
1	0225	30	10.	*	1	2110	255	2449.	*	2	1555	480	0.	*	3	1040	705	0.
1	0230	31	10.	*	1	2115	256	2361.	*	2	1600	481	0.	*	3	1045	706	0.
1	0235	32	11.	*	1	2120	257	2277.	*	2	1605	482	0.	*	3	1050	707	0.
1	0240	33	12.	*	1	2125	258	2198.	*	2	1610	483	0.	*	3	1055	708	0.
1	0245	34	12.	*	1	2130	259	2127.	*	2	1615	484	0.	*	3	1100	709	0.
1	0250	35	13.	*	1	2135	260	2062.	*	2	1620	485	0.	*	3	1105	710	0.
1	0255	36	13.	*	1	2140	261	2001.	*	2	1625	486	0.	*	3	1110	711	0.
1	0300	37	14.	*	1	2145	262	1943.	*	2	1630	487	0.	*	3	1115	712	0.
1	0305	38	15.	*	1	2150	263	1886.	*	2	1635	488	0.	*	3	1120	713	0.
1	0310	39	15.	*	1	2155	264	1830.	*	2	1640	489	0.	*	3	1125	714	0.
1	0315	40	16.	*	1	2200	265	1775.	*	2	1645	490	0.	*	3	1130	715	0.
1	0320	41	17.	*	1	2205	266	1722.	*	2	1650	491	0.	*	3	1135	716	0.
1	0325	42	17.	*	1	2210	267	1670.	*	2	1655	492	0.	*	3	1140	717	0.
1	0330	43	18.	*	1	2215	268	1619.	*	2	1700	493	0.	*	3	1145	718	0.
1	0335	44	19.	*	1	2220	269	1568.	*	2	1705	494	0.	*	3	1150	719	0.
1	0340	45	20.	*	1	2225	270	1514.	*	2	1710	495	0.	*	3	1155	720	0.
1	0345	46	22.	*	1	2230	271	1456.	*	2	1715	496	0.	*	3	1200	721	0.
1	0350	47	24.	*	1	2235	272	1389.	*	2	1720	497	0.	*	3	1205	722	0.
1	0355	48	26.	*	1	2240	273	1309.	*	2	1725	498	0.	*	3	1210	723	0.
1	0400	49	28.	*	1	2245	274	1206.	*	2	1730	499	0.	*	3	1215	724	0.
1	0405	50	31.	*	1	2250	275	1106.	*	2	1735	500	0.	*	3	1220	725	0.
1	0410	51	34.	*	1	2255	276	1042.	*	2	1740	501	0.	*	3	1225	726	0.
1	0415	52	37.	*	1	2300	277	1002.	*	2	1745	502	0.	*	3	1230	727	0.
1	0420	53	40.	*	1	2305	278	973.	*	2	1750	503	0.	*	3	1235	728	0.
1	0425	54	44.	*	1	2310	279	949.	*	2	1755	504	0.	*	3	1240	729	0.
1	0430	55	49.	*	1	2315	280	929.	*	2	1800	505	0.	*	3	1245	730	0.
1	0435	56	54.	*	1	2320	281	910.	*	2	1805	506	0.	*	3	1250	731	0.
1	0440	57	59.	*	1	2325	282	892.	*	2	1810	507	0.	*	3	1255	732	0.
1	0445	58	64.	*	1	2330	283	876.	*	2	1815	508	0.	*	3	1300	733	0.
1	0450	59	71.	*	1	2335	284	862.	*	2	1820	509	0.	*	3	1305	734	0.
1	0455	60	82.	*	1	2340	285	848.	*	2	1825	510	0.	*	3	1310	735	0.
1	0500	61	93.	*	1	2345	286	836.	*	2	1830	511	0.	*	3	1315	736	0.
1	0505	62	104.	*	1	2350	287	825.	*	2	1835	512	0.	*	3	1320	737	0.
1	0510	63	117.	*	1	2355	288	814.	*	2	1840	513	0.	*	3	1325	738	0.
1	0515	64	132.	*	2	0000	289	804.	*	2	1845	514	0.	*	3	1330	739	0.
1	0520	65	150.	*	2	0005	290	793.	*	2	1850	515	0.	*	3	1335	740	0.
1	0525	66	168.	*	2	0010	291	783.	*	2	1855	516	0.	*	3	1340	741	0.
1	0530	67	184.	*	2	0015	292	772.	*	2	1900	517	0.	*	3	1345	742	0.
1	0535	68	198.	*	2	0020	293	761.	*	2	1905	518	0.	*	3	1350	743	0.
1	0540	69	211.	*	2	0025	294	750.	*	2	1910	519	0.	*	3	1355	744	0.
1	0545	70	222.	*	2	0030	295	739.	*	2	1915	520	0.	*	3	1400	745	0.
1	0550	71	232.	*	2	0035	296	727.	*	2	1920	521	0.	*	3	1405	746	0.
1	0555	72	242.	*	2	0040	297	717.	*	2	1925	522	0.	*	3	1410	747	0.
1	0600	73	250.	*	2	0045	298	706.	*	2	1930	523	0.	*	3	1415	748	0.
1	0605	74	259.	*	2	0050	299	695.	*	2	1935	524	0.	*	3	1420	749	0.
1	0610	75	267.	*	2	0055	300	683.	*	2	1940	525	0.	*	3	1425	750	0.
1	0615	76	274.	*	2	0100	301	672.	*	2	1945	526	0.	*	3	1430	751	0.
1	0620	77	282.	*	2	0105	302	660.	*	2	1950	527	0.	*	3	1435	752	0.
1	0625	78	290.	*	2	0110	303	649.	*	2	1955	528	0.	*	3	1440	753	0.
1	0630	79	298.	*	2	0115	304	638.	*	2	2000	529	0.	*	3	1445	754	0.
1	0635	80	306.	*	2	0120	305	626.	*	2	2005	530	0.	*	3	1450	755	0.
1	0640	81	316.	*	2	0125	306	615.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	327.	*	2	0130	307	604.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	337.	*	2	0135	308	594.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	346.	*	2	0140	309	583.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	354.	*	2	0145	310	572.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	362.	*	2	0150	311	561.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	370.	*	2	0155	312	551.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	378.	*	2	0200	313	542.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	386.	*	2	0205	314	532.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	394.	*	2	0210	315	522.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	403.	*	2	0215	316	512.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	412.	*	2	0220	317	501.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	420.	*	2	0225	318	490.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	429.	*	2	0230	319	478.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	437.	*	2	0235	320	466.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	444.	*	2	0240	321	454.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	452.	*	2	0245	322	441.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	459.	*	2	0250	323	429.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	466.	*	2	0255	324	416.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	472.	*	2	0300	325	404.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	479.	*	2	0305	326	391.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	485.	*	2	0310	327	379.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	492.	*	2	0315	328	368.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	499.	*	2	0320	329	357.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	505.	*	2	0325	330	347.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	512.	*	2	0330	331	337.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	519.	*	2	0335	332	328.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	526.	*	2	0340	333	320.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	533.	*	2	0345	334	311.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	541.	*	2	0350	335	303.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	549.	*	2	0355	336	296.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	557.	*	2	0400	337	289.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	565.	*	2	0405	338	282.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	574.	*	2	0410	339	277.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	584.	*	2	0415	340	270.	*	2	2300	565	0.	*	3	1745	790	0.

1	0935	116	595.	*	2	0420	341	263.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	606.	*	2	0425	342	256.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	616.	*	2	0430	343	248.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	627.	*	2	0435	344	240.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	638.	*	2	0440	345	231.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	650.	*	2	0445	346	223.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	662.	*	2	0450	347	214.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	674.	*	2	0455	348	206.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	688.	*	2	0500	349	198.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	701.	*	2	0505	350	190.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	715.	*	2	0510	351	182.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	730.	*	2	0515	352	174.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	745.	*	2	0520	353	166.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	760.	*	2	0525	354	159.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	777.	*	2	0530	355	152.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	795.	*	2	0535	356	145.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	813.	*	2	0540	357	138.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	831.	*	2	0545	358	132.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	850.	*	2	0550	359	126.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	871.	*	2	0555	360	121.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	893.	*	2	0600	361	116.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	917.	*	2	0605	362	113.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	946.	*	2	0610	363	109.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	977.	*	2	0615	364	106.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1013.	*	2	0620	365	103.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1053.	*	2	0625	366	100.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1100.	*	2	0630	367	97.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1159.	*	2	0635	368	94.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1245.	*	2	0640	369	91.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1372.	*	2	0645	370	88.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1556.	*	2	0650	371	85.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1809.	*	2	0655	372	82.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2105.	*	2	0700	373	79.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2452.	*	2	0705	374	77.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2834.	*	2	0710	375	75.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3203.	*	2	0715	376	72.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	3522.	*	2	0720	377	70.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3816.	*	2	0725	378	68.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	4134.	*	2	0730	379	66.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4522.	*	2	0735	380	64.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5058.	*	2	0740	381	63.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	5815.	*	2	0745	382	61.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	7090.	*	2	0750	383	59.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	9180.	*	2	0755	384	57.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	11843.	*	2	0800	385	55.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	15287.	*	2	0805	386	53.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	19889.	*	2	0810	387	51.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	24469.	*	2	0815	388	49.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	28890.	*	2	0820	389	47.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32863.	*	2	0825	390	46.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	35996.	*	2	0830	391	44.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38277.	*	2	0835	392	42.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39859.	*	2	0840	393	41.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	40811.	*	2	0845	394	40.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41306.	*	2	0850	395	38.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	41463.	*	2	0855	396	37.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	41363.	*	2	0900	397	35.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	41057.	*	2	0905	398	33.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	40580.	*	2	0910	399	32.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	39956.	*	2	0915	400	30.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	39208.	*	2	0920	401	29.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	38363.	*	2	0925	402	27.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	37444.	*	2	0930	403	26.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	36480.	*	2	0935	404	24.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	35509.	*	2	0940	405	23.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	34497.	*	2	0945	406	22.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	33434.	*	2	0950	407	21.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	32334.	*	2	0955	408	20.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	31225.	*	2	1000	409	19.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	30136.	*	2	1005	410	18.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	29094.	*	2	1010	411	17.	*	3	0455	636	0.	*	3	2340	861	0.
1	1530	187	28079.	*	2	1015	412	17.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	27055.	*	2	1020	413	16.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	26035.	*	2	1025	414	16.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	25038.	*	2	1030	415	15.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	24087.	*	2	1035	416	15.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	23232.	*	2	1040	417	14.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22396.	*	2	1045	418	14.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	21542.	*	2	1050	419	13.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	20688.	*	2	1055	420	13.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	19853.	*	2	1100	421	12.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	19018.	*	2	1105	422	12.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	18259.	*	2	1110	423	11.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	17569.	*	2	1115	424	11.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	16879.	*	2	1120	425	10.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	16183.	*	2	1125	426	10.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15507.	*	2	1130	427	9.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	14852.	*	2	1135	428	9.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	14226.	*	2	1140	429	8.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13667.	*	2	1145	430	8.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	13150.	*	2	1150	431	7.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12633.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	12147.	*	2	1200	433	6.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11641.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	11143.	*	2	1210	435	6.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10669.	*	2	1215	436	5.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	10234.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	9849.	*	2	1225	438	4.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9494.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	9163.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	8831.	*	2	1240	441	4.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8499.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8172.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	7853.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7521.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7209.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.

1	1825	222	6933.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6684.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6468.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6281.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
+ 41463.	14.17	(CFS) 21112.	6176.	2065.	1985.
		(INCHES) 1.380	1.614	1.619	1.619
		(AC-FT) 10469.	12249.	12289.	12289.

CUMULATIVE AREA = 142.29 SQ MI

****

INTERPOLATED HYDROGRAPH AT C528

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		1845	226	6102.	2		1330	451	1.	3		0815	676	0.
1		0005	2	0.	1		1850	227	5915.	2		1335	452	1.	3		0820	677	0.
1		0010	3	0.	1		1855	228	5728.	2		1340	453	1.	3		0825	678	0.
1		0015	4	0.	1		1900	229	5533.	2		1345	454	1.	3		0830	679	0.
1		0020	5	0.	1		1905	230	5339.	2		1350	455	1.	3		0835	680	0.
1		0025	6	0.	1		1910	231	5148.	2		1355	456	1.	3		0840	681	0.
1		0030	7	0.	1		1915	232	4964.	2		1400	457	1.	3		0845	682	0.
1		0035	8	0.	1		1920	233	4786.	2		1405	458	1.	3		0850	683	0.
1		0040	9	0.	1		1925	234	4615.	2		1410	459	1.	3		0855	684	0.
1		0045	10	1.	1		1930	235	4453.	2		1415	460	1.	3		0900	685	0.
1		0050	11	1.	1		1935	236	4306.	2		1420	461	1.	3		0905	686	0.
1		0055	12	1.	1		1940	237	4165.	2		1425	462	0.	3		0910	687	0.
1		0100	13	2.	1		1945	238	4035.	2		1430	463	0.	3		0915	688	0.
1		0105	14	2.	1		1950	239	3921.	2		1435	464	0.	3		0920	689	0.
1		0110	15	2.	1		1955	240	3824.	2		1440	465	0.	3		0925	690	0.
1		0115	16	3.	1		2000	241	3745.	2		1445	466	0.	3		0930	691	0.
1		0120	17	3.	1		2005	242	3674.	2		1450	467	0.	3		0935	692	0.
1		0125	18	3.	1		2010	243	3597.	2		1455	468	0.	3		0940	693	0.
1		0130	19	4.	1		2015	244	3514.	2		1500	469	0.	3		0945	694	0.
1		0135	20	4.	1		2020	245	3424.	2		1505	470	0.	3		0950	695	0.
1		0140	21	5.	1		2025	246	3330.	2		1510	471	0.	3		0955	696	0.
1		0145	22	5.	1		2030	247	3232.	2		1515	472	0.	3		1000	697	0.
1		0150	23	6.	1		2035	248	3135.	2		1520	473	0.	3		1005	698	0.
1		0155	24	6.	1		2040	249	3037.	2		1525	474	0.	3		1010	699	0.
1		0200	25	7.	1		2045	250	2936.	2		1530	475	0.	3		1015	700	0.
1		0205	26	7.	1		2050	251	2835.	2		1535	476	0.	3		1020	701	0.
1		0210	27	8.	1		2055	252	2735.	2		1540	477	0.	3		1025	702	0.
1		0215	28	8.	1		2100	253	2637.	2		1545	478	0.	3		1030	703	0.
1		0220	29	9.	1		2105	254	2542.	2		1550	479	0.	3		1035	704	0.
1		0225	30	10.	1		2110	255	2449.	2		1555	480	0.	3		1040	705	0.
1		0230	31	10.	1		2115	256	2361.	2		1600	481	0.	3		1045	706	0.
1		0235	32	11.	1		2120	257	2277.	2		1605	482	0.	3		1050	707	0.
1		0240	33	12.	1		2125	258	2198.	2		1610	483	0.	3		1055	708	0.
1		0245	34	12.	1		2130	259	2127.	2		1615	484	0.	3		1100	709	0.
1		0250	35	13.	1		2135	260	2062.	2		1620	485	0.	3		1105	710	0.
1		0255	36	13.	1		2140	261	2001.	2		1625	486	0.	3		1110	711	0.
1		0300	37	14.	1		2145	262	1943.	2		1630	487	0.	3		1115	712	0.
1		0305	38	15.	1		2150	263	1886.	2		1635	488	0.	3		1120	713	0.
1		0310	39	15.	1		2155	264	1830.	2		1640	489	0.	3		1125	714	0.
1		0315	40	16.	1		2200	265	1775.	2		1645	490	0.	3		1130	715	0.
1		0320	41	17.	1		2205	266	1722.	2		1650	491	0.	3		1135	716	0.
1		0325	42	17.	1		2210	267	1670.	2		1655	492	0.	3		1140	717	0.
1		0330	43	18.	1		2215	268	1619.	2		1700	493	0.	3		1145	718	0.
1		0335	44	19.	1		2220	269	1568.	2		1705	494	0.	3		1150	719	0.
1		0340	45	20.	1		2225	270	1514.	2		1710	495	0.	3		1155	720	0.
1		0345	46	22.	1		2230	271	1456.	2		1715	496	0.	3		1200	721	0.
1		0350	47	24.	1		2235	272	1389.	2		1720	497	0.	3		1205	722	0.
1		0355	48	26.	1		2240	273	1309.	2		1725	498	0.	3		1210	723	0.
1		0400	49	28.	1		2245	274	1206.	2		1730	499	0.	3		1215	724	0.
1		0405	50	31.	1		2250	275	1106.	2		1735	500	0.	3		1220	725	0.
1		0410	51	34.	1		2255	276	1042.	2		1740	501	0.	3		1225	726	0.
1		0415	52	37.	1		2300	277	1002.	2		1745	502	0.	3		1230	727	0.
1		0420	53	40.	1		2305	278	973.	2		1750	503	0.	3		1235	728	0.
1		0425	54	44.	1		2310	279	949.	2		1755	504	0.	3		1240	729	0.
1		0430	55	49.	1		2315	280	929.	2		1800	505	0.	3		1245	730	0.
1		0435	56	54.	1		2320	281	910.	2		1805	506	0.	3		1250	731	0.
1		0440	57	59.	1		2325	282	892.	2		1810	507	0.	3		1255	732	0.
1		0445	58	64.	1		2330	283	876.	2		1815	508	0.	3		1300	733	0.
1		0450	59	71.	1		2335	284	862.	2		1820	509	0.	3		1305	734	0.
1		0455	60	82.	1		2340	285	848.	2		1825	510	0.	3		1310	735	0.
1		0500	61	93.	1		2345	286	836.	2		1830	511	0.	3		1315	736	0.
1		0505	62	104.	1		2350	287	825.	2		1835	512	0.	3		1320	737	0.
1		0510	63	117.	1		2355	288	814.	2		1840	513	0.	3		1325	738	0.
1		0515	64	132.	2		0000	289	804.	2		1845	514	0.	3		1330	739	0.
1		0520	65	150.	2		0005	290	793.	2		1850	515	0.	3		1335	740	0.
1		0525	66	168.	2		0010	291	783.	2		1855	516	0.	3		1340	741	0.
1		0530	67	184.	2		0015	292	772.	2		1900	517	0.	3		1345	742	0.
1		0535	68	198.	2		0020	293	761.	2		1905	518	0.	3		1350	743	0.
1		0540	69	211.	2		0025	294	750.	2		1910	519	0.	3		1355	744	0.
1		0545	70	222.	2		0030	295	739.	2		1915	520	0.	3		1400	745	0.
1		0550	71	232.	2		0035	296	727.	2		1920	521	0.	3		1405	746	0.
1		0555	72	242.	2		0040	297	717.	2		1925	522	0.	3		1410	747	0.
1		0600	73	250.	2		0045	298	706.	2		1930	523	0.	3		1415	748	0.
1		0605	74	259.	2		0050	299	695.	2		1935	524	0.	3		1420	749	0.
1		0610	75	267.	2		0055	300	683.	2		1940	525	0.	3		1425	750	0.
1		0615	76	274.	2		0100	301	672.	2		1945	526	0.	3		1430	751	0.
1		0620	77	282.	2		0105	302	660.	2		1950	527	0.	3		1435	752	0.
1		0625	78	290.	2		0110	303	649.	2		1955	528	0.	3		1440	753	0.
1		0630	79	298.	2		0115	304	638.	2		2000	529	0.	3		1445	754	0.
1		0635	80	306.	2		0120	305	626.	2		2005	530	0.	3		1450	755	0.

1	0640	81	316.	*	2	0125	306	615.	*	2	2010	531	0.	*	3	1455	756	0.
1	0645	82	327.	*	2	0130	307	604.	*	2	2015	532	0.	*	3	1500	757	0.
1	0650	83	337.	*	2	0135	308	594.	*	2	2020	533	0.	*	3	1505	758	0.
1	0655	84	346.	*	2	0140	309	583.	*	2	2025	534	0.	*	3	1510	759	0.
1	0700	85	354.	*	2	0145	310	572.	*	2	2030	535	0.	*	3	1515	760	0.
1	0705	86	362.	*	2	0150	311	561.	*	2	2035	536	0.	*	3	1520	761	0.
1	0710	87	370.	*	2	0155	312	551.	*	2	2040	537	0.	*	3	1525	762	0.
1	0715	88	378.	*	2	0200	313	542.	*	2	2045	538	0.	*	3	1530	763	0.
1	0720	89	386.	*	2	0205	314	532.	*	2	2050	539	0.	*	3	1535	764	0.
1	0725	90	394.	*	2	0210	315	522.	*	2	2055	540	0.	*	3	1540	765	0.
1	0730	91	403.	*	2	0215	316	512.	*	2	2100	541	0.	*	3	1545	766	0.
1	0735	92	412.	*	2	0220	317	501.	*	2	2105	542	0.	*	3	1550	767	0.
1	0740	93	420.	*	2	0225	318	490.	*	2	2110	543	0.	*	3	1555	768	0.
1	0745	94	429.	*	2	0230	319	478.	*	2	2115	544	0.	*	3	1600	769	0.
1	0750	95	437.	*	2	0235	320	466.	*	2	2120	545	0.	*	3	1605	770	0.
1	0755	96	444.	*	2	0240	321	454.	*	2	2125	546	0.	*	3	1610	771	0.
1	0800	97	452.	*	2	0245	322	441.	*	2	2130	547	0.	*	3	1615	772	0.
1	0805	98	459.	*	2	0250	323	429.	*	2	2135	548	0.	*	3	1620	773	0.
1	0810	99	466.	*	2	0255	324	416.	*	2	2140	549	0.	*	3	1625	774	0.
1	0815	100	472.	*	2	0300	325	404.	*	2	2145	550	0.	*	3	1630	775	0.
1	0820	101	479.	*	2	0305	326	391.	*	2	2150	551	0.	*	3	1635	776	0.
1	0825	102	485.	*	2	0310	327	379.	*	2	2155	552	0.	*	3	1640	777	0.
1	0830	103	492.	*	2	0315	328	368.	*	2	2200	553	0.	*	3	1645	778	0.
1	0835	104	499.	*	2	0320	329	357.	*	2	2205	554	0.	*	3	1650	779	0.
1	0840	105	505.	*	2	0325	330	347.	*	2	2210	555	0.	*	3	1655	780	0.
1	0845	106	512.	*	2	0330	331	337.	*	2	2215	556	0.	*	3	1700	781	0.
1	0850	107	519.	*	2	0335	332	328.	*	2	2220	557	0.	*	3	1705	782	0.
1	0855	108	526.	*	2	0340	333	320.	*	2	2225	558	0.	*	3	1710	783	0.
1	0900	109	533.	*	2	0345	334	311.	*	2	2230	559	0.	*	3	1715	784	0.
1	0905	110	541.	*	2	0350	335	303.	*	2	2235	560	0.	*	3	1720	785	0.
1	0910	111	549.	*	2	0355	336	296.	*	2	2240	561	0.	*	3	1725	786	0.
1	0915	112	557.	*	2	0400	337	289.	*	2	2245	562	0.	*	3	1730	787	0.
1	0920	113	565.	*	2	0405	338	282.	*	2	2250	563	0.	*	3	1735	788	0.
1	0925	114	574.	*	2	0410	339	277.	*	2	2255	564	0.	*	3	1740	789	0.
1	0930	115	584.	*	2	0415	340	270.	*	2	2300	565	0.	*	3	1745	790	0.
1	0935	116	595.	*	2	0420	341	263.	*	2	2305	566	0.	*	3	1750	791	0.
1	0940	117	606.	*	2	0425	342	256.	*	2	2310	567	0.	*	3	1755	792	0.
1	0945	118	616.	*	2	0430	343	248.	*	2	2315	568	0.	*	3	1800	793	0.
1	0950	119	627.	*	2	0435	344	240.	*	2	2320	569	0.	*	3	1805	794	0.
1	0955	120	638.	*	2	0440	345	231.	*	2	2325	570	0.	*	3	1810	795	0.
1	1000	121	650.	*	2	0445	346	223.	*	2	2330	571	0.	*	3	1815	796	0.
1	1005	122	662.	*	2	0450	347	214.	*	2	2335	572	0.	*	3	1820	797	0.
1	1010	123	674.	*	2	0455	348	206.	*	2	2340	573	0.	*	3	1825	798	0.
1	1015	124	688.	*	2	0500	349	198.	*	2	2345	574	0.	*	3	1830	799	0.
1	1020	125	701.	*	2	0505	350	190.	*	2	2350	575	0.	*	3	1835	800	0.
1	1025	126	715.	*	2	0510	351	182.	*	2	2355	576	0.	*	3	1840	801	0.
1	1030	127	730.	*	2	0515	352	174.	*	3	0000	577	0.	*	3	1845	802	0.
1	1035	128	745.	*	2	0520	353	166.	*	3	0005	578	0.	*	3	1850	803	0.
1	1040	129	760.	*	2	0525	354	159.	*	3	0010	579	0.	*	3	1855	804	0.
1	1045	130	777.	*	2	0530	355	152.	*	3	0015	580	0.	*	3	1900	805	0.
1	1050	131	795.	*	2	0535	356	145.	*	3	0020	581	0.	*	3	1905	806	0.
1	1055	132	813.	*	2	0540	357	138.	*	3	0025	582	0.	*	3	1910	807	0.
1	1100	133	831.	*	2	0545	358	132.	*	3	0030	583	0.	*	3	1915	808	0.
1	1105	134	850.	*	2	0550	359	126.	*	3	0035	584	0.	*	3	1920	809	0.
1	1110	135	871.	*	2	0555	360	121.	*	3	0040	585	0.	*	3	1925	810	0.
1	1115	136	893.	*	2	0600	361	116.	*	3	0045	586	0.	*	3	1930	811	0.
1	1120	137	917.	*	2	0605	362	113.	*	3	0050	587	0.	*	3	1935	812	0.
1	1125	138	946.	*	2	0610	363	109.	*	3	0055	588	0.	*	3	1940	813	0.
1	1130	139	977.	*	2	0615	364	106.	*	3	0100	589	0.	*	3	1945	814	0.
1	1135	140	1013.	*	2	0620	365	103.	*	3	0105	590	0.	*	3	1950	815	0.
1	1140	141	1053.	*	2	0625	366	100.	*	3	0110	591	0.	*	3	1955	816	0.
1	1145	142	1100.	*	2	0630	367	97.	*	3	0115	592	0.	*	3	2000	817	0.
1	1150	143	1159.	*	2	0635	368	94.	*	3	0120	593	0.	*	3	2005	818	0.
1	1155	144	1245.	*	2	0640	369	91.	*	3	0125	594	0.	*	3	2010	819	0.
1	1200	145	1372.	*	2	0645	370	88.	*	3	0130	595	0.	*	3	2015	820	0.
1	1205	146	1556.	*	2	0650	371	85.	*	3	0135	596	0.	*	3	2020	821	0.
1	1210	147	1809.	*	2	0655	372	82.	*	3	0140	597	0.	*	3	2025	822	0.
1	1215	148	2105.	*	2	0700	373	79.	*	3	0145	598	0.	*	3	2030	823	0.
1	1220	149	2452.	*	2	0705	374	77.	*	3	0150	599	0.	*	3	2035	824	0.
1	1225	150	2834.	*	2	0710	375	75.	*	3	0155	600	0.	*	3	2040	825	0.
1	1230	151	3203.	*	2	0715	376	72.	*	3	0200	601	0.	*	3	2045	826	0.
1	1235	152	3522.	*	2	0720	377	70.	*	3	0205	602	0.	*	3	2050	827	0.
1	1240	153	3816.	*	2	0725	378	68.	*	3	0210	603	0.	*	3	2055	828	0.
1	1245	154	4134.	*	2	0730	379	66.	*	3	0215	604	0.	*	3	2100	829	0.
1	1250	155	4522.	*	2	0735	380	64.	*	3	0220	605	0.	*	3	2105	830	0.
1	1255	156	5058.	*	2	0740	381	63.	*	3	0225	606	0.	*	3	2110	831	0.
1	1300	157	5815.	*	2	0745	382	61.	*	3	0230	607	0.	*	3	2115	832	0.
1	1305	158	7090.	*	2	0750	383	59.	*	3	0235	608	0.	*	3	2120	833	0.
1	1310	159	9180.	*	2	0755	384	57.	*	3	0240	609	0.	*	3	2125	834	0.
1	1315	160	11843.	*	2	0800	385	55.	*	3	0245	610	0.	*	3	2130	835	0.
1	1320	161	15287.	*	2	0805	386	53.	*	3	0250	611	0.	*	3	2135	836	0.
1	1325	162	19889.	*	2	0810	387	51.	*	3	0255	612	0.	*	3	2140	837	0.
1	1330	163	24469.	*	2	0815	388	49.	*	3	0300	613	0.	*	3	2145	838	0.
1	1335	164	28890.	*	2	0820	389	47.	*	3	0305	614	0.	*	3	2150	839	0.
1	1340	165	32863.	*	2	0825	390	46.	*	3	0310	615	0.	*	3	2155	840	0.
1	1345	166	35996.	*	2	0830	391	44.	*	3	0315	616	0.	*	3	2200	841	0.
1	1350	167	38277.	*	2	0835	392	42.	*	3	0320	617	0.	*	3	2205	842	0.
1	1355	168	39859.	*	2	0840	393	41.	*	3	0325	618	0.	*	3	2210	843	0.
1	1400	169	40811.	*	2	0845	394	40.	*	3	0330	619	0.	*	3	2215	844	0.
1	1405	170	41306.	*	2	0850	395	38.	*	3	0335	620	0.	*	3	2220	845	0.
1	1410	171	41463.	*	2	0855	396	37.	*	3	0340	621	0.	*	3	2225	846	0.
1	1415	172	41363.	*	2	0900	397	35.	*	3	0345	622	0.	*	3	2230	847	0.
1	1420	173	41057.	*	2	0905	398	33.	*	3	0350	623	0.	*	3	2235	848	0.
1	1425	174	40580.	*	2	0910	399	32.	*	3	0355	624	0.	*	3	2240	849	0.
1	1430	175	39956.	*	2	0915	400	30.	*	3	0400	625	0.	*	3	2245	850	0.
1	1435	176	39208.	*	2	0920	401	29.	*	3	0405	626	0.	*	3	2250	851	0.
1	1440	177	38363.	*	2	0925	402	27.	*	3	0410	627	0.	*	3	2255	852	0.
1	1445	178	37444.	*	2	0930	403	26.	*	3	0415	628	0.	*	3	2300	853	0.
1	1450	179	36480.	*	2	0935	404	24.	*	3	0420	629	0.	*	3	2305	854	0.
1	1455	180	35509.	*	2	0940	405	23.	*	3	0425	630	0.	*	3	2310	855	0.
1	1500	181	34497.	*	2	0945	406	22.	*	3	0430	631	0.	*	3	2315	856	0.
1	1505	182	33434.	*	2	0950	407	21.	*	3	0435	632	0.	*	3	2320	857	0.
1	1510	183	32334.	*	2	0955	408	20.	*	3	0440	633	0.	*	3	2325	858	0.
1	1515	184	31225.	*	2	1000	409	19.	*	3	0445	634	0.	*	3	2330	859	0.
1	1520	185	30136.	*	2	1005	410	18.	*	3	0450	635	0.	*	3	2335	860	0.
1	1525	186	29094.	*	2	1010	411	17.	*	3	0455	636	0.	*	3	2340	861	0.

1	1530	187	28079.	*	2	1015	412	17.	*	3	0500	637	0.	*	3	2345	862	0.
1	1535	188	27055.	*	2	1020	413	16.	*	3	0505	638	0.	*	3	2350	863	0.
1	1540	189	26035.	*	2	1025	414	16.	*	3	0510	639	0.	*	3	2355	864	0.
1	1545	190	25038.	*	2	1030	415	15.	*	3	0515	640	0.	*	4	0000	865	0.
1	1550	191	24087.	*	2	1035	416	15.	*	3	0520	641	0.	*	4	0005	866	0.
1	1555	192	23232.	*	2	1040	417	14.	*	3	0525	642	0.	*	4	0010	867	0.
1	1600	193	22396.	*	2	1045	418	14.	*	3	0530	643	0.	*	4	0015	868	0.
1	1605	194	21542.	*	2	1050	419	13.	*	3	0535	644	0.	*	4	0020	869	0.
1	1610	195	20688.	*	2	1055	420	13.	*	3	0540	645	0.	*	4	0025	870	0.
1	1615	196	19853.	*	2	1100	421	12.	*	3	0545	646	0.	*	4	0030	871	0.
1	1620	197	19018.	*	2	1105	422	12.	*	3	0550	647	0.	*	4	0035	872	0.
1	1625	198	18259.	*	2	1110	423	11.	*	3	0555	648	0.	*	4	0040	873	0.
1	1630	199	17569.	*	2	1115	424	11.	*	3	0600	649	0.	*	4	0045	874	0.
1	1635	200	16879.	*	2	1120	425	10.	*	3	0605	650	0.	*	4	0050	875	0.
1	1640	201	16183.	*	2	1125	426	10.	*	3	0610	651	0.	*	4	0055	876	0.
1	1645	202	15507.	*	2	1130	427	9.	*	3	0615	652	0.	*	4	0100	877	0.
1	1650	203	14852.	*	2	1135	428	9.	*	3	0620	653	0.	*	4	0105	878	0.
1	1655	204	14226.	*	2	1140	429	8.	*	3	0625	654	0.	*	4	0110	879	0.
1	1700	205	13667.	*	2	1145	430	8.	*	3	0630	655	0.	*	4	0115	880	0.
1	1705	206	13150.	*	2	1150	431	7.	*	3	0635	656	0.	*	4	0120	881	0.
1	1710	207	12633.	*	2	1155	432	7.	*	3	0640	657	0.	*	4	0125	882	0.
1	1715	208	12147.	*	2	1200	433	6.	*	3	0645	658	0.	*	4	0130	883	0.
1	1720	209	11641.	*	2	1205	434	6.	*	3	0650	659	0.	*	4	0135	884	0.
1	1725	210	11143.	*	2	1210	435	6.	*	3	0655	660	0.	*	4	0140	885	0.
1	1730	211	10669.	*	2	1215	436	5.	*	3	0700	661	0.	*	4	0145	886	0.
1	1735	212	10234.	*	2	1220	437	5.	*	3	0705	662	0.	*	4	0150	887	0.
1	1740	213	9849.	*	2	1225	438	4.	*	3	0710	663	0.	*	4	0155	888	0.
1	1745	214	9494.	*	2	1230	439	4.	*	3	0715	664	0.	*	4	0200	889	0.
1	1750	215	9163.	*	2	1235	440	4.	*	3	0720	665	0.	*	4	0205	890	0.
1	1755	216	8831.	*	2	1240	441	4.	*	3	0725	666	0.	*	4	0210	891	0.
1	1800	217	8499.	*	2	1245	442	3.	*	3	0730	667	0.	*	4	0215	892	0.
1	1805	218	8172.	*	2	1250	443	3.	*	3	0735	668	0.	*	4	0220	893	0.
1	1810	219	7853.	*	2	1255	444	3.	*	3	0740	669	0.	*	4	0225	894	0.
1	1815	220	7521.	*	2	1300	445	3.	*	3	0745	670	0.	*	4	0230	895	0.
1	1820	221	7209.	*	2	1305	446	2.	*	3	0750	671	0.	*	4	0235	896	0.
1	1825	222	6933.	*	2	1310	447	2.	*	3	0755	672	0.	*	4	0240	897	0.
1	1830	223	6684.	*	2	1315	448	2.	*	3	0800	673	0.	*	4	0245	898	0.
1	1835	224	6468.	*	2	1320	449	2.	*	3	0805	674	0.	*	4	0250	899	0.
1	1840	225	6281.	*	2	1325	450	2.	*	3	0810	675	0.	*	4	0255	900	0.
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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	74.92-HR
41463.	14.17	(CFS)	21112.	6176.	2065.	1985.
		(INCHES)	1.380	1.614	1.619	1.619
		(AC-FT)	10469.	12249.	12289.	12289.

CUMULATIVE AREA = 142.29 SQ MI

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RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	3085	149.	12.08	10.	2.	1.	.11		
HYDROGRAPH AT	RECALL	35850.	13.25	18896.	5348.	1786.	124.38		
ROUTED TO	410509	35779.	13.33	18884.	5347.	1786.	124.38		
2 COMBINED AT	C509	35777.	13.33	18888.	5350.	1787.	124.46		
ROUTED TO	509518	35483.	13.83	18831.	5349.	1787.	124.46		
HYDROGRAPH AT	4510	1247.	12.58	250.	63.	21.	1.38		
2 COMBINED AT	C4510A	35723.	13.83	18980.	5408.	1807.	125.84		
HYDROGRAPH AT	1210	2716.	12.00	173.	48.	16.	1.14		
ROUTED TO	529531	2219.	12.25	173.	48.	16.	1.14		
HYDROGRAPH AT	1215	195.	12.25	31.	9.	3.	.19		
ROUTED TO	530531	156.	12.58	31.	9.	3.	.19		
HYDROGRAPH AT	1220	981.	12.25	107.	30.	10.	.71		
3 COMBINED AT	C531	3245.	12.25	311.	87.	29.	2.04		
ROUTED TO	531500	2402.	12.50	311.	87.	29.	2.04		
HYDROGRAPH AT	1230	528.	12.33	81.	23.	8.	.54		

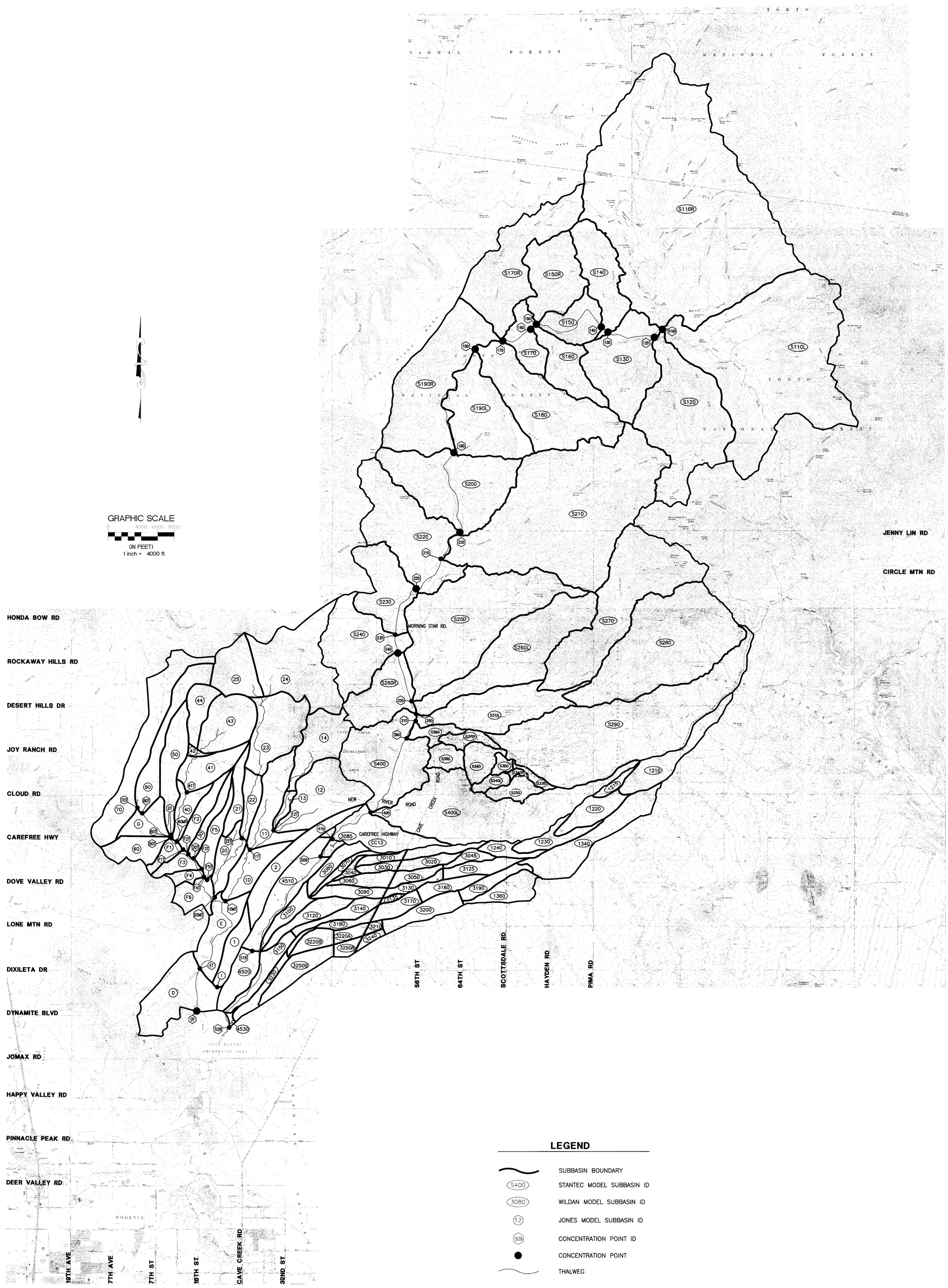
+	2 COMBINED AT	C500	2842.	12.50	392.	110.	37.	2.58
+	ROUTED TO	500501	2336.	12.75	392.	110.	37.	2.58
+	HYDROGRAPH AT	1240	366.	12.33	59.	17.	6.	.34
+	2 COMBINED AT	C501	2511.	12.75	451.	127.	42.	2.91
+	ROUTED TO	501502	2387.	12.92	451.	127.	42.	2.91
+	HYDROGRAPH AT	3045	285.	12.25	40.	12.	4.	.23
+	2 COMBINED AT	C502	2458.	12.92	490.	139.	46.	3.15
+	ROUTED TO	502503	2296.	13.25	490.	139.	46.	3.15
+	HYDROGRAPH AT	3050	395.	12.25	55.	17.	6.	.29
+	2 COMBINED AT	C503	2338.	13.25	545.	156.	52.	3.44
+	ROUTED TO	503504	2174.	13.58	545.	156.	52.	3.44
+	HYDROGRAPH AT	3060	388.	12.33	56.	16.	5.	.38
+	2 COMBINED AT	C504L	2207.	13.58	600.	172.	58.	3.82
+	HYDROGRAPH AT	3000	367.	12.33	62.	18.	6.	.33
+	ROUTED TO	507506	211.	13.08	62.	18.	6.	.33
+	HYDROGRAPH AT	3010	226.	12.25	37.	11.	4.	.20
+	2 COMBINED AT	C506R	298.	12.33	100.	29.	10.	.53
+	HYDROGRAPH AT	3020	373.	12.33	63.	19.	6.	.32
+	ROUTED TO	505506	224.	13.00	63.	19.	6.	.32
+	HYDROGRAPH AT	3030	234.	12.25	31.	9.	3.	.19
+	2 COMBINED AT	C506L	304.	12.25	94.	28.	9.	.52
+	2 COMBINED AT	C506	598.	12.33	194.	57.	19.	1.05
+	ROUTED TO	506504	568.	12.92	194.	57.	19.	1.05
+	HYDROGRAPH AT	3040	148.	12.25	24.	7.	2.	.12
+	2 COMBINED AT	C504	668.	12.50	217.	63.	21.	1.17
+	ROUTED TO	504508	661.	12.58	217.	63.	21.	1.17
+	2 COMBINED AT	C508	2678.	13.50	817.	235.	79.	4.98
+	ROUTED TO	508510	2641.	13.67	817.	235.	79.	4.98
+	HYDROGRAPH AT	1340	1593.	12.42	262.	73.	24.	1.68
+	ROUTED TO	510511	1372.	12.83	262.	73.	24.	1.68
+	HYDROGRAPH AT	3125	546.	12.33	84.	25.	8.	.48
+	2 COMBINED AT	C511	1591.	12.75	345.	98.	33.	2.16
+	ROUTED TO	511512	1434.	13.17	345.	98.	33.	2.16
+	HYDROGRAPH AT	3130	255.	12.33	44.	14.	5.	.24
+	2 COMBINED AT	C512	1496.	13.17	389.	111.	37.	2.40
	ROUTED TO							

+		512510	1331.	13.75	389.	111.	37.	2.40
+	HYDROGRAPH AT	3090	451.	12.33	67.	19.	6.	.42
+	3 COMBINED AT	C510R	4004.	13.67	1272.	365.	122.	7.81
+	HYDROGRAPH AT	3070	153.	12.50	45.	12.	4.	.22
+	HYDROGRAPH AT	3080	594.	12.33	119.	33.	11.	.47
+	3 COMBINED AT	C510	4174.	13.67	1436.	410.	138.	8.50
+	ROUTED TO	510517	4065.	14.00	1436.	410.	138.	8.50
+	HYDROGRAPH AT	3100	351.	12.50	71.	19.	6.	.43
+	2 COMBINED AT	C517R	4120.	14.00	1507.	428.	144.	8.93
+	HYDROGRAPH AT	3120	641.	12.42	124.	33.	11.	.63
+	2 COMBINED AT	C517	4202.	14.00	1631.	461.	155.	9.55
+	2 COMBINED AT	C518	39758.	13.83	20457.	5859.	1958.	135.39
+	ROUTED TO	518527	39485.	14.17	20312.	5858.	1958.	135.39
+	HYDROGRAPH AT	4520	584.	12.58	119.	32.	11.	.71
+	2 COMBINED AT	C527R	39566.	14.17	20357.	5890.	1969.	136.10
+	HYDROGRAPH AT	3135	80.	12.17	9.	3.	1.	.06
+	ROUTED TO	514516	49.	12.83	9.	3.	1.	.06
+	HYDROGRAPH AT	3140	437.	12.42	76.	21.	7.	.47
+	2 COMBINED AT	C516	445.	12.42	85.	24.	8.	.54
+	ROUTED TO	516527	363.	13.00	85.	24.	8.	.54
+	HYDROGRAPH AT	3150	479.	12.50	98.	26.	9.	.61
+	2 COMBINED AT	C527L	677.	12.92	182.	50.	17.	1.15
+	2 COMBINED AT	C527	39746.	14.17	20457.	5939.	1985.	137.25
+	ROUTED TO	527528	39693.	14.25	20454.	5939.	1985.	137.25
+	HYDROGRAPH AT	3160	479.	12.33	72.	21.	7.	.42
+	ROUTED TO	513515	417.	12.58	72.	21.	7.	.42
+	HYDROGRAPH AT	3170	512.	12.25	59.	17.	6.	.40
+	2 COMBINED AT	C515	780.	12.33	131.	38.	13.	.82
+	ROUTED TO	515523	580.	13.17	131.	38.	13.	.82
+	HYDROGRAPH AT	3180	254.	12.42	64.	18.	6.	.32
+	2 COMBINED AT	C523R	726.	13.08	195.	56.	19.	1.14
+	HYDROGRAPH AT	1360	1022.	12.17	131.	41.	14.	.68
+	HYDROGRAPH AT	3190	558.	12.25	68.	19.	6.	.43
+	2 COMBINED AT	C519	1571.	12.17	199.	60.	20.	1.10
+	ROUTED TO	519520	1278.	12.58	199.	60.	20.	1.10
+	HYDROGRAPH AT	3200	878.	12.25	113.	31.	10.	.69

+	2 COMBINED AT	C520	1819.	12.50	312.	91.	30.	1.79
+	ROUTED TO	520521	1756.	12.58	312.	91.	30.	1.79
+	HYDROGRAPH AT	3210	130.	12.08	12.	4.	1.	.08
+	2 COMBINED AT	C521	1774.	12.58	323.	95.	32.	1.87
+	ROUTED TO	521532	1677.	12.75	323.	95.	32.	1.87
+	HYDROGRAPH AT	3220A	284.	12.25	35.	11.	4.	.22
+	2 COMBINED AT	C532I	1744.	12.75	358.	105.	35.	2.09
+	ROUTED TO	C532O	1744.	12.75	358.	105.	35.	2.09
+	ROUTED TO	532523	1584.	13.08	358.	105.	35.	2.09
+	HYDROGRAPH AT	3220B	435.	12.25	50.	14.	5.	.36
+	2 COMBINED AT	C523L	1628.	13.08	408.	119.	40.	2.45
+	2 COMBINED AT	C523	2354.	13.08	602.	175.	59.	3.59
+	ROUTED TO	523526	2064.	13.67	602.	175.	59.	3.59
+	HYDROGRAPH AT	3230	274.	12.42	51.	14.	5.	.34
+	2 COMBINED AT	C526R	2117.	13.67	653.	189.	63.	3.94
+	HYDROGRAPH AT	3240	150.	12.25	19.	6.	2.	.13
+	ROUTED TO	522524	130.	12.42	19.	5.	2.	.13
+	HYDROGRAPH AT	3250A	303.	12.17	31.	9.	3.	.19
+	2 COMBINED AT	C524I	378.	12.17	50.	15.	5.	.32
+	ROUTED TO	C524O	325.	12.17	50.	15.	5.	.32
+	ROUTED TO	524525	200.	12.92	50.	15.	5.	.32
+	HYDROGRAPH AT	3250B	814.	12.33	113.	33.	11.	.74
+	2 COMBINED AT	C525	913.	12.33	162.	48.	16.	1.06
+	ROUTED TO	525526	640.	12.92	162.	48.	16.	1.06
+	2 COMBINED AT	C526	2479.	13.58	815.	237.	80.	4.99
+	ROUTED TO	526528	2470.	13.67	815.	237.	80.	4.99
+	HYDROGRAPH AT	4530	27.	12.25	4.	1.	0.	.05
+	2 COMBINED AT	C528R	2473.	13.67	818.	238.	80.	5.04
+	2 COMBINED AT	C528	41463.	14.17	21112.	6176.	2065.	142.29

*** NORMAL END OF HEC-1 ***

EXHIBIT A
Watershed Map



LEGEND

- SUBBASIN BOUNDARY
- (S400) STANTEC MODEL SUBBASIN ID
- (3080) WILDAN MODEL SUBBASIN ID
- (12) JONES MODEL SUBBASIN ID
- (509) CONCENTRATION POINT ID
- ● CONCENTRATION POINT
- THALWEG

NO.	REVISIONS	DATE	BY	CHK.

2350DEXA.DWG

TETRA TECH, INC.
INFRASTRUCTURE SOUTHWEST GROUP
501 North 44th Street, Suite 125, Phoenix, AZ 85008
(602) 629-1100 FAX (602) 629-1186

UPPER CAVE CREEK / APACHE WASH WCMP

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

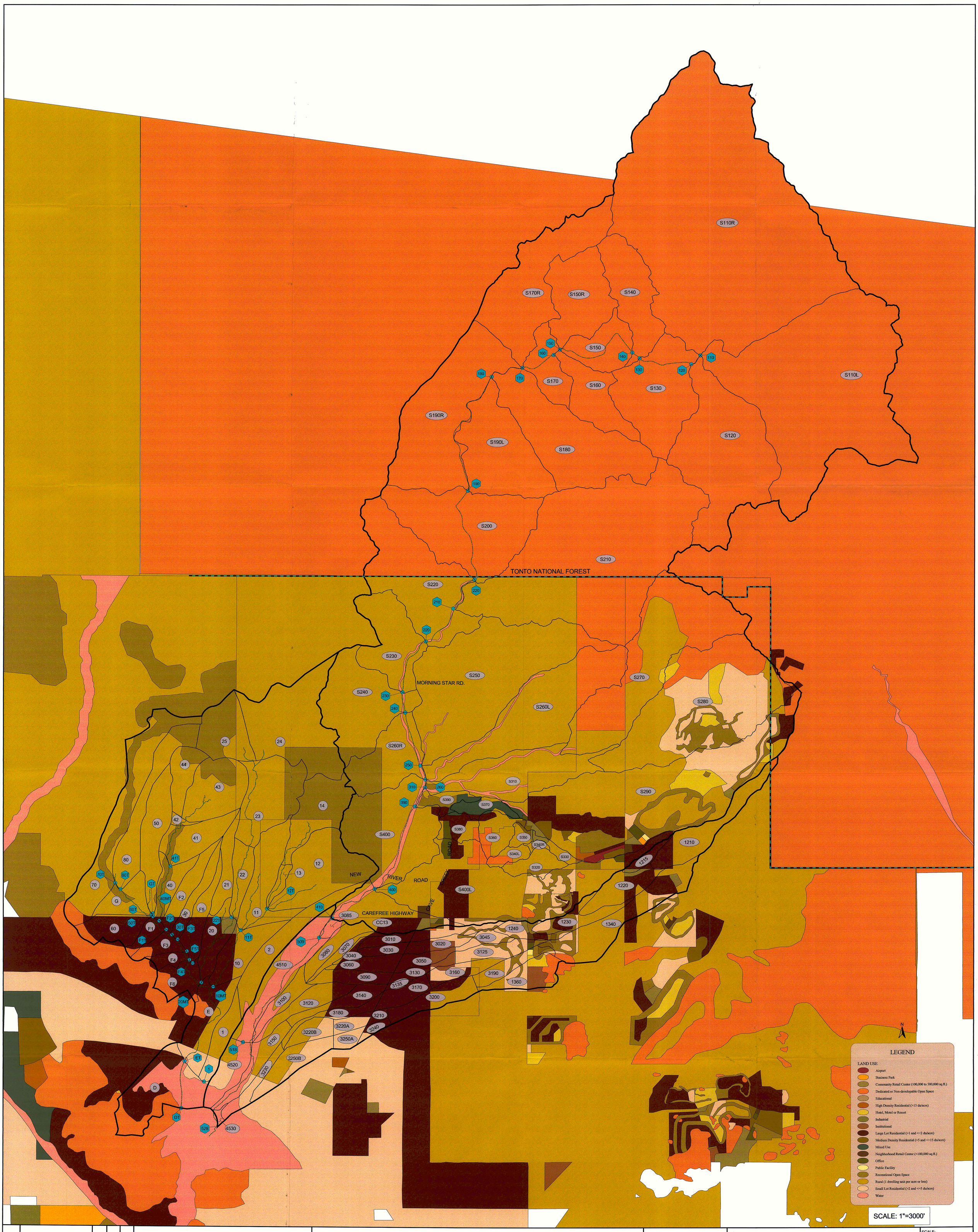
JOB NO.	2350.0001
DESIGNED BY:	JAD
DRAWN BY:	JAD
CHECKED BY:	JAD
APPROVED BY:	TRL
DATE:	03/05/01

EXHIBIT "A"
WATERSHED MAP

SCALE: HORIZ. 1" = 4000'
CONT. INTERVAL = 20'
DRAWING NO.
DEXA
SHEET NO. 1 OF 1

E:\23500001\23500EXA.dwg Fri Mar 30 13:18:56 2001 by CADUSER

EXHIBIT B
Land Use Map



No.	Revisions	Date:	By:	Chk:

TETRA TECH, INC.
INFRASTRUCTURE SOUTHWEST GROUP
501 North 44th Street, Suite 125, Phoenix, AZ 85008
(602) 629-1100 FAX (602) 629-1186

UPPER CAVE CREEK AND APACHE WASH WATERCOURSE MASTER PLAN FCD 97-45

JOB NO.	23500001
DESIGNED BY:	TRL
DRAWN BY:	CBC
CHECKED BY:	JAD
APPROVED BY:	TRL
DATE:	03/05/01

EXHIBIT "B" LANDUSE MAP

SCALE: 1"=3000'

DRAWING NO. HWM1

SHEET NO. 1 OF: 1

CD-ROM
HEC-1 Input and Output Files