Date: July 11, 2007

To: City of Goodyear

From: Elliot Silverston
Bill Van Stone

Subject: I-10 Basins Flood Control Evaluation

Registered Professional Engineer (Civil)
CERTIFICATE NO. 33656
ELLIOT SILVERSTON
Date Signed
ARIZONA, U.S.A.

URS Corporation (URS) has completed a review and analysis of the effects of adding an 11-acre park and ride facility within I-10 Basin 287D. The project analysis was to determine whether there are adverse flood impacts caused by filling the eastern most basin (287D) for use as an 11-acre Park and Ride by the City. Adverse flood impacts in this case are defined as causing the flood stage in a basin to flood adjacent property.

Analysis Criteria

The following assumptions are made as part of this analysis:

1. The HEC-1 model developed by URS for the ADOT Basin Analysis (Loop 303/White Tanks ADMP Update, prepared by URS for the Flood Control District of Maricopa County (FCDMC) on March 27, 2002) will be used as the baseline model.

2. The model will utilize the NOAA Atlas 2 precipitation frequency estimates for Maricopa County, Arizona

3. URS will utilize the rainfall distribution and depth-area reduction factor in the 2002 study done previously for the FCDMC.

4. The 2002 future condition model will be used in the watershed. The future condition model assumes the following:

- The City of Goodyear requires on-site flood retention for the 100-year, 6-hour storm event.
- The City of Avondale requires on-site flood retention for the 100-year, 2-hour storm event.
- Town of Litchfield Park requires on-site flood retention for the 100-year, 2-hour storm event.
- Unincorporated Maricopa County utilizes the 100-year, 2-hour storm event.
- Palm Valley has an agreement with the FCDMC so they can directly discharge runoff (no retention) to the I-10 Basins. URS will not account for first flush retention in the model for Palm Valley.

5. The basins designed and constructed in the past utilized the criteria in Item 3 and the rainfall amounts from isopluvial maps from NOAA Atlas 2 Volume VIII. The FCDMC published these maps in their drainage manual. URS used the same methodology as in the ADOT Basins study for modeling these basins. The methodology entailed calculating the volume required for on-site retention and then assuming the retention would only hold 80% of the volume (using Atlas 2 rainfall data). This volume is then diverted from the sub-basin runoff and does not enter the I-10 (ADOT) basins.

6. The 11-acre Park and Ride will be located in the eastern portion of the eastern most I-10 Basin. URS will assume that the location of the Park and Ride will not change the interaction between the basins. The addition of the Park and Ride will not change the dynamics of how the basins move water between them. URS will assess whether there are any impacts to the present bleed down rate of the basins as a result of the Park and Ride fill. URS will assume that the conveyance structure that carries flow from the eastern basin under the Park and Ride to the outfall pipes to the Agua Fria River is large enough that it won't increase the headloss to the Agua Fria River. It should not adversely affect the bleed down rate of the basins either. The design of the structure will be developed by others when the Park and Ride is designed.

7. The recreational facilities proposed in the I-10 Basins will not impact the volume of the basins as fill.

8. The analysis will assume that the I-10 roadway design project limits are between Dysart Road and Sarival Avenue.

9. The volume of discharge to the I-10 basins will be determined from the 100-year, 24-hour storm event.

10. The on-site retention volumes from Item 3 will be deducted from the total runoff volume to the I-10 Basins.

11. We will assume that the eastern most basin is a closed basin in the analysis. The outfall to the Agua Fria River was not considered as part of this analysis.

12. The stage storage relationship for the four (4) I-10 basins has not changed since the original study.

13. The elevation of the Park and Ride facility will be determined in the analysis. The study will not account for flood storage volume in the Park and Ride footprint if it is below the 100-year water surface.

Analysis Results

The analysis for the Park and Ride was performed with the HEC-1 program and incorporated the retention criteria approved for each jurisdiction. The Palm Valley development was assumed to have no on-site retention. The results of the HEC-1 analysis indicates the water surface elevation in basin 287D without the Park and Ride installed is 988.21. Basin 287D overtops at elevation 988, therefore a basin leveling analysis was decided upon to see what the true elevation in basin 287D would be.

The HEC-1 analysis does not account for how the water will equalize between the basins. The direct inflow to basin 287D (not including the flow from basin 287C) with the Park and Ride in place yields a water surface elevation of 977.03 which is below the top of basin elevation of 988.

A basin leveling analysis was performed on the four basins acting as one. The basins are interconnected and will reach an equilibrium elevation between them. A HEC-1 analysis was performed for each basin independently. The results are as follows:

Basin A = 62 ac-ft (model 287APB)
Basin B = 137 ac-ft (model 287BPB)
Basin C = 315 ac-ft (model 287CPB)
Basin D = 30 ac-ft (model 287DPB)

The total runoff volume is 544 ac-ft. This volume is then compared to the composite stage storage curve for the basins.

Elevation	Storage Volume Without Park and Ride	Storage Volume With Park and Ride
970.5	0	0
974	20	0
976	80	19.5
978	197	114.5
980	370	265.5
982	578	451.5
986	1029	858.5
988	1282	1089.5

The condition without the Park and Ride yields an elevation of 981.7 ft as illustrated in Figure 1. The condition with the Park and Ride yields an elevation of 983 ft as illustrated in Figure 2.

Recommendations

The analysis supports the addition of the 11-acre Park and Ride by the City of Goodyear not having an adverse impact on the adjacent properties. The equilibrium water surface remains below the overtopping elevation of 986 for the four basins combined.

Figure 1 - Basin Leveling without Park & Ride

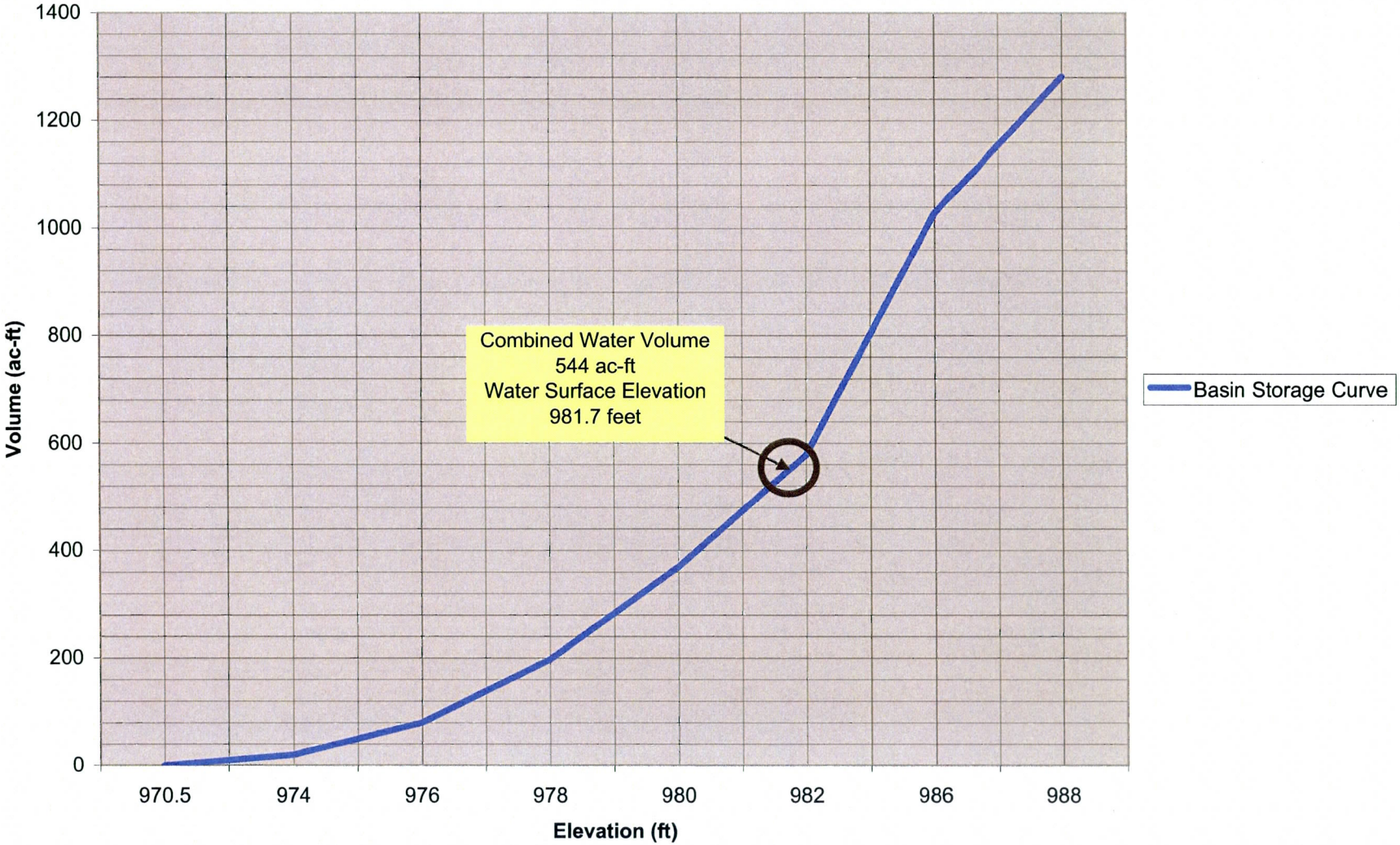
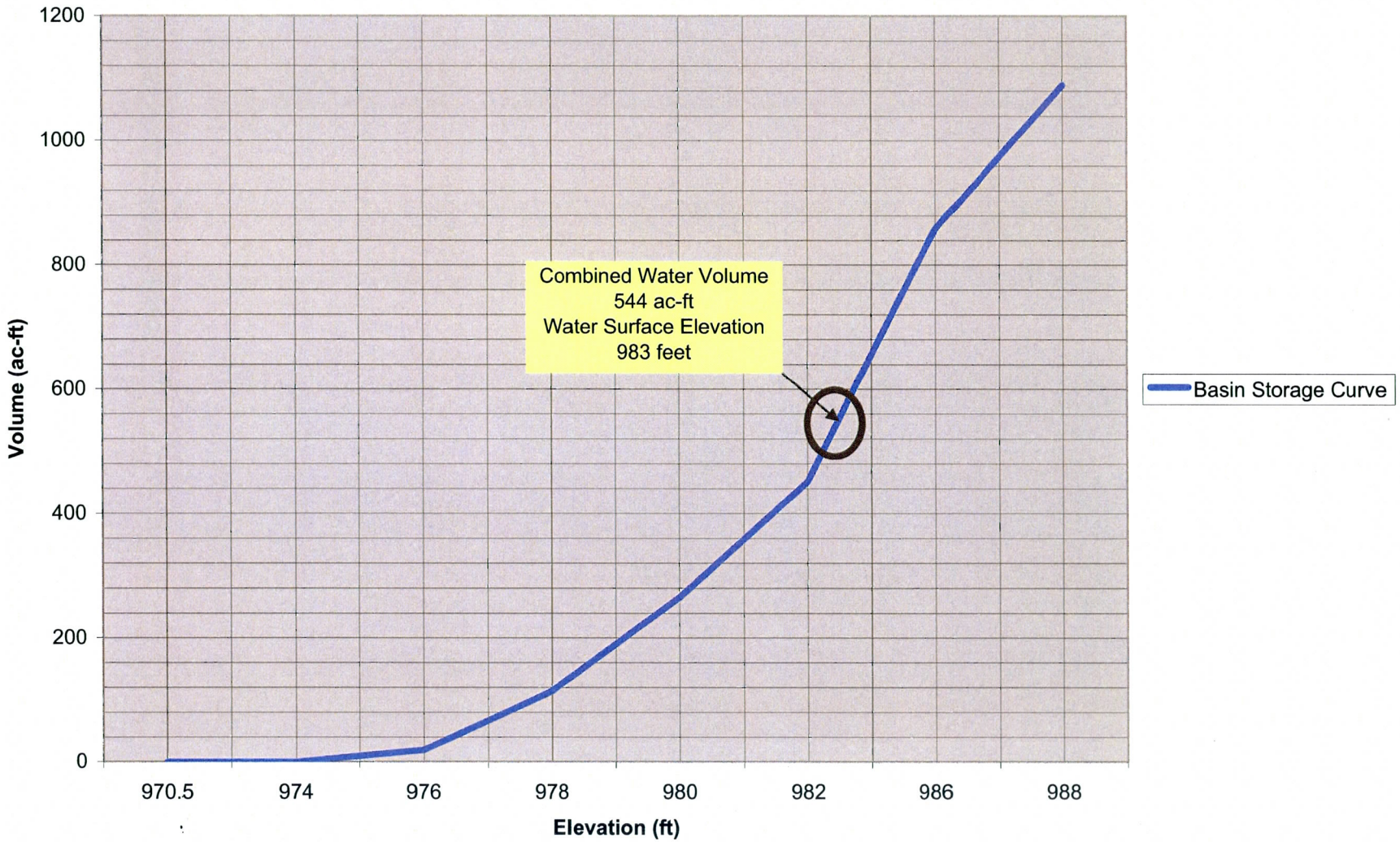


Figure 2 - Basin Leveling with Park & Ride



Appendices

Appendix A – Drainage Map
Appendix B - HEC-1 Run 287APB
Appendix C - HEC-1 Run 287BPB
Appendix D - HEC-1 Run 287CPB
Appendix E - HEC-1 Run 287DPB

Appendix A

Drainage Area Map

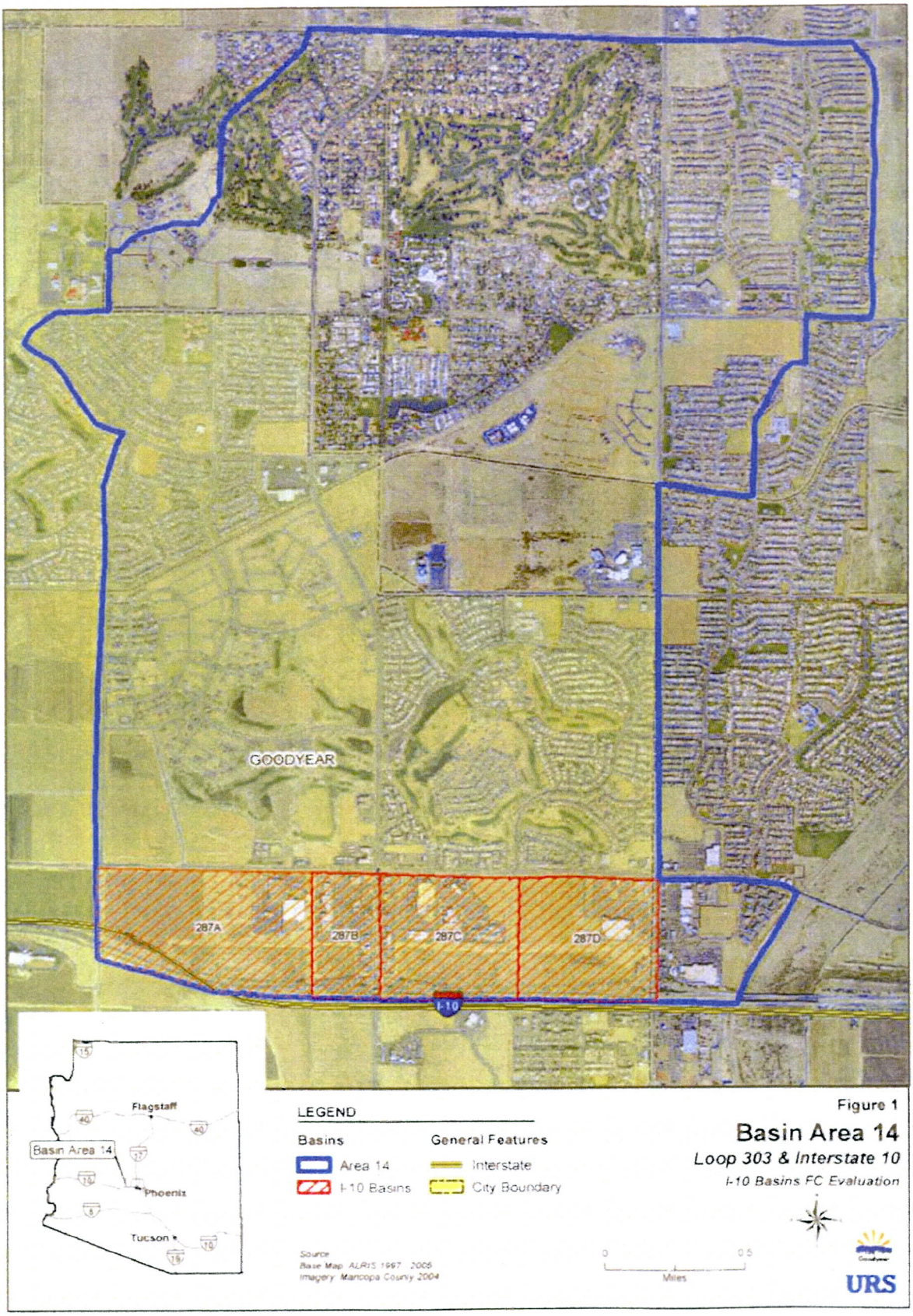
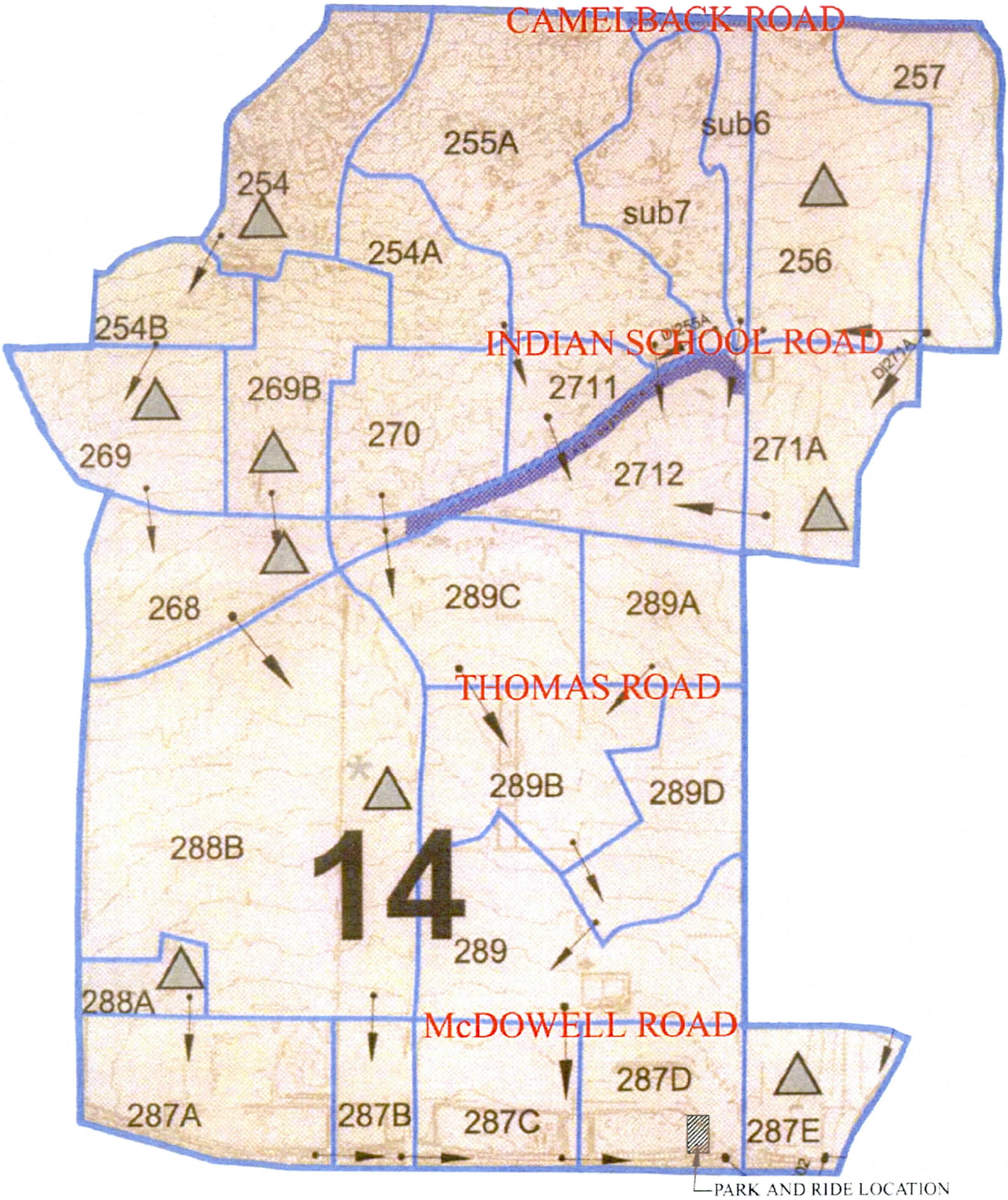


Figure 1

Basin Area 14

Loop 303 & Interstate 10

I-10 Basins FC Evaluation



Project Location Map

Appendix B

HEC-1 Model

287APB

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN   1998              *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   09JUL07  TIME  14:14:24  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    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         10 - 23 - 0 1
        2           ID
        3           ID        **DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING   **
        4           ID        **WATERSHED SUB BASINS                                    **
        5           ID
        6           ID        **BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL**
        7           ID
        8           ID                                      REVISED BY URS     DATE: 05-17-07
        9           ID                                                         FILE: 287APB.DAT
       10           ID
                    *DIAGRAM
       11           IT       5                    600
       12           IO       5
       13           IN      15

       14           KK       A
       15           PB    3.79
       16           PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
       17           PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
       18           PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
       19           PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
       20           PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
       21           PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
       22           PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
       23           PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
       24           PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
       25           PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000

       26           KK    288A
                    * KO     1                            21
       27           KM   BASIN 288A
       28           KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
       29           KM    L=       .4  Lca=       .2   S=   13.3  Kn= .120  LAG=  44.6
       30           KM    AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN
       31           BA     .07
       32           LG     .50     .00    5.30     .38      80
       33           UI      6.      7.     14.     27.     33.     42.     48.     49.     48.     41.
       34           UI     44.     30.     31.     22.     17.     17.     11.      9.      7.      6.
       35           UI      5.      5.      3.      3.      3.      1.      1.      1.      1.      1.
       36           UI      1.      1.      1.      1.      1.      1.      1.      1.      1.      0.
       37           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
       38           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                    * NOT YET CONSTRUCTED PER FIELD VISI 10-18-01

       39           KK   R288A
       40           KM        ROUTE R288A TO ADOT BASIN
       41           KM        OVERLAND SHEET FLOW
       42           RS       2             -1
       43           RC    0.05   0.045    0.05    1500 0.00133
       44           RX       0       4      14      17      18      21      31      35
       45           RY     992     991     991     990     990     991     991     992
1                                          HEC-1 INPUT                                                    PAGE  2

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

       46           KK   !287A
       47           KO       1                            22
       48           KM   BASIN 287A
       49           KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
       50           KM    L=       .9  Lca=       .3   S=   24.4  Kn= .104  LAG=  52
```

```
51          KM    AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN
52          BA     .34
53          LG     .42     0.06     4.70      .49      61
54          UI     24.      24.       46       83     140      134      178      201      202      202
55          UI     182      170      177      126     134       95       81       69       66       44
56          UI      39       31       29       22      22       16       14       14       14        5
57          UI      3.       3.       3.       3.      3.       3.       3.       3.       3.       3.
58          UI      3.       3.       3.       3.      3.       0.       0.       0.       0.       0.
59          UI      0.       0.       0.       0.      0.       0.       0.       0.       0.       0.

60          KK  CP287A
            * KO     1                                21
61          KM        ADD HYDROGRAPHS AT CP287A
62          HC       2    0.41
            * BELOW: BASED ON RECENT 2' CI DATA

63          KK  !S287A
64          KO       1                                21
65          KM        STORAGE ROUTE CP287A IN I-10 DETENTION BASIN
66          RS       1    STOR       0        0
67          SV       0    9.46   52.88   120.61   265.17   348.06
68          SE   975.7     978     980      982      986      988
69          SQ       0       0       0        0        0        0
70          SE   975.7     978     980      988    988.8      990
71          ZZ
1
                SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE      (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.      (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   26        288A
                V
                V
   39       R288A
                .
                .
   46           .       !287A
                .           .
                .           .
   60      CP287A............
                V
                V
   63      !S287A

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION
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   09JUL07  TIME  14:14:24   *                                    *          (916) 756-1104          *
 *                                       *                                    *                                  *
 *****************************************                                    ************************************


                                  10 - 23 - 0 1

                                 **DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING   **
                                 **WATERSHED SUB BASINS                                    **

                                 **BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL**

                                                        REVISED BY URS     DATE: 05-17-07
                                                                           FILE: GOODREVD.DAT


  12 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        600  NUMBER OF HYDROGRAPH ORDINATES
                      NDDATE      3    0  ENDING DATE
                      NDTIME       0155  ENDING TIME
                       ICENT         19  CENTURY MARK

                  COMPUTATION INTERVAL     .08 HOURS
                       TOTAL TIME BASE   49.92 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

 WARNING --- ROUTED OUTFLOW (     45.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE
```

```
WARNING --- ROUTED OUTFLOW (     54.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     62.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     67.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     70.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     69.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     67.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     62.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     57.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     51.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     45.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     49.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     57.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     63.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     66.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     67.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     66.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     63.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     58.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     53.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     48.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (     43.) IS GREATER THAN MAXIMUM OUTFLOW (     41.) IN STORAGE-OUTFLOW TABLE


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


          **************
          *            *
 46 KK    *     !287A  *
          *            *
          **************

 47 KO          OUTPUT CONTROL VARIABLES
                     IPRNT           1  PRINT CONTROL
                     IPLOT           0  PLOT CONTROL
                     QSCAL          0.  HYDROGRAPH PLOT SCALE
                     IPNCH           0  PUNCH COMPUTED HYDROGRAPH
                      IOUT          22  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1           1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2         600  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT        .083  TIME INTERVAL IN HOURS

                        BASIN 287A
                         THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
                         L=       .9  Lca=       .3   S=   24.4  Kn= .104  LAG=  52
                         AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN

             SUBBASIN RUNOFF DATA

 52 BA          SUBBASIN CHARACTERISTICS
                     TAREA         .34  SUBBASIN AREA

                PRECIPITATION DATA

 15 PB               STORM        3.79  BASIN TOTAL PRECIPITATION

 16 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
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                     .00       .00       .00       .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
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

```
53 LG          GREEN AND AMPT LOSS RATE
                    STRTL        .42  STARTING LOSS
                      DTH        .06  MOISTURE DEFICIT
                     PSIF       4.70  WETTING FRONT SUCTION
                    XKSAT        .49  HYDRAULIC CONDUCTIVITY
                    RTIMP      61.00  PERCENT IMPERVIOUS AREA

48 UI          INPUT UNITGRAPH,  45 ORDINATES,  VOLUME = 1.00
                 24.0      24.0      46.0      83.0     140.0     134.0     178.0     201.0     202.0     202.0
                182.0     170.0     177.0     126.0     134.0      95.0      81.0      69.0      66.0      44.0
                 39.0      31.0      29.0      22.0      22.0      16.0      14.0      14.0      14.0       5.0
                  3.0       3.0       3.0       3.0       3.0       3.0       3.0       3.0       3.0       3.0
                  3.0       3.0       3.0       3.0       3.0
                                                          ***
```

****

HYDROGRAPH AT STATION !287A

****

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1		0000	1	.00	.00	.00	0.	*	2		0100	301	.00	.00	.00	2.
1		0005	2	.00	.00	.00	0.	*	2		0105	302	.00	.00	.00	2.
1		0010	3	.00	.00	.00	0.	*	2		0110	303	.00	.00	.00	1.
1		0015	4	.00	.00	.00	0.	*	2		0115	304	.00	.00	.00	1.
1		0020	5	.00	.00	.00	0.	*	2		0120	305	.00	.00	.00	1.
1		0025	6	.00	.00	.00	1.	*	2		0125	306	.00	.00	.00	1.
1		0030	7	.00	.00	.00	1.	*	2		0130	307	.00	.00	.00	1.
1		0035	8	.00	.00	.00	1.	*	2		0135	308	.00	.00	.00	1.
1		0040	9	.00	.00	.00	2.	*	2		0140	309	.00	.00	.00	1.
1		0045	10	.00	.00	.00	2.	*	2		0145	310	.00	.00	.00	0.
1		0050	11	.00	.00	.00	2.	*	2		0150	311	.00	.00	.00	0.
1		0055	12	.00	.00	.00	3.	*	2		0155	312	.00	.00	.00	0.
1		0100	13	.00	.00	.00	3.	*	2		0200	313	.00	.00	.00	0.
1		0105	14	.00	.00	.00	4.	*	2		0205	314	.00	.00	.00	0.
1		0110	15	.00	.00	.00	4.	*	2		0210	315	.00	.00	.00	0.
1		0115	16	.00	.00	.00	4.	*	2		0215	316	.00	.00	.00	0.
1		0120	17	.00	.00	.00	5.	*	2		0220	317	.00	.00	.00	0.
1		0125	18	.00	.00	.00	5.	*	2		0225	318	.00	.00	.00	0.
1		0130	19	.00	.00	.00	5.	*	2		0230	319	.00	.00	.00	0.
1		0135	20	.00	.00	.00	5.	*	2		0235	320	.00	.00	.00	0.
1		0140	21	.00	.00	.00	5.	*	2		0240	321	.00	.00	.00	0.
1		0145	22	.00	.00	.00	5.	*	2		0245	322	.00	.00	.00	0.
1		0150	23	.00	.00	.00	6.	*	2		0250	323	.00	.00	.00	0.
1		0155	24	.00	.00	.00	6.	*	2		0255	324	.00	.00	.00	0.
1		0200	25	.00	.00	.00	6.	*	2		0300	325	.00	.00	.00	0.
1		0205	26	.00	.00	.00	6.	*	2		0305	326	.00	.00	.00	0.
1		0210	27	.00	.00	.00	6.	*	2		0310	327	.00	.00	.00	0.
1		0215	28	.00	.00	.00	6.	*	2		0315	328	.00	.00	.00	0.
1		0220	29	.00	.00	.00	6.	*	2		0320	329	.00	.00	.00	0.
1		0225	30	.00	.00	.00	6.	*	2		0325	330	.00	.00	.00	0.
1		0230	31	.00	.00	.00	6.	*	2		0330	331	.00	.00	.00	0.
1		0235	32	.00	.00	.00	6.	*	2		0335	332	.00	.00	.00	0.
1		0240	33	.00	.00	.00	6.	*	2		0340	333	.00	.00	.00	0.
1		0245	34	.00	.00	.00	6.	*	2		0345	334	.00	.00	.00	0.
1		0250	35	.00	.00	.00	6.	*	2		0350	335	.00	.00	.00	0.
1		0255	36	.00	.00	.00	6.	*	2		0355	336	.00	.00	.00	0.
1		0300	37	.00	.00	.00	6.	*	2		0400	337	.00	.00	.00	0.
1		0305	38	.00	.00	.00	6.	*	2		0405	338	.00	.00	.00	0.
1		0310	39	.00	.00	.00	6.	*	2		0410	339	.00	.00	.00	0.
1		0315	40	.00	.00	.00	6.	*	2		0415	340	.00	.00	.00	0.
1		0320	41	.00	.00	.00	6.	*	2		0420	341	.00	.00	.00	0.
1		0325	42	.00	.00	.00	6.	*	2		0425	342	.00	.00	.00	0.
1		0330	43	.00	.00	.00	6.	*	2		0430	343	.00	.00	.00	0.
1		0335	44	.00	.00	.00	6.	*	2		0435	344	.00	.00	.00	0.
1		0340	45	.00	.00	.00	6.	*	2		0440	345	.00	.00	.00	0.
1		0345	46	.00	.00	.00	6.	*	2		0445	346	.00	.00	.00	0.
1		0350	47	.01	.00	.00	6.	*	2		0450	347	.00	.00	.00	0.
1		0355	48	.01	.00	.00	6.	*	2		0455	348	.00	.00	.00	0.
1		0400	49	.01	.00	.00	6.	*	2		0500	349	.00	.00	.00	0.
1		0405	50	.01	.00	.00	6.	*	2		0505	350	.00	.00	.00	0.
1		0410	51	.01	.00	.00	6.	*	2		0510	351	.00	.00	.00	0.
1		0415	52	.01	.00	.00	6.	*	2		0515	352	.00	.00	.00	0.
1		0420	53	.01	.00	.00	7.	*	2		0520	353	.00	.00	.00	0.
1		0425	54	.01	.00	.00	7.	*	2		0525	354	.00	.00	.00	0.
1		0430	55	.01	.00	.00	7.	*	2		0530	355	.00	.00	.00	0.
1		0435	56	.01	.00	.00	7.	*	2		0535	356	.00	.00	.00	0.
1		0440	57	.01	.00	.00	7.	*	2		0540	357	.00	.00	.00	0.
1		0445	58	.01	.00	.00	7.	*	2		0545	358	.00	.00	.00	0.
1		0450	59	.01	.00	.00	7.	*	2		0550	359	.00	.00	.00	0.
1		0455	60	.01	.00	.00	8.	*	2		0555	360	.00	.00	.00	0.
1		0500	61	.01	.00	.00	8.	*	2		0600	361	.00	.00	.00	0.
1		0505	62	.01	.00	.00	8.	*	2		0605	362	.00	.00	.00	0.
1		0510	63	.01	.00	.00	8.	*	2		0610	363	.00	.00	.00	0.
1		0515	64	.01	.00	.00	8.	*	2		0615	364	.00	.00	.00	0.
1		0520	65	.01	.00	.00	8.	*	2		0620	365	.00	.00	.00	0.

1	0525	66	.01	.00	.00	8.	*	2	0625	366	.00	.00	.00	0.
1	0530	67	.01	.00	.00	8.	*	2	0630	367	.00	.00	.00	0.
1	0535	68	.01	.00	.00	8.	*	2	0635	368	.00	.00	.00	0.
1	0540	69	.01	.00	.00	8.	*	2	0640	369	.00	.00	.00	0.
1	0545	70	.01	.00	.00	8.	*	2	0645	370	.00	.00	.00	0.
1	0550	71	.01	.00	.00	8.	*	2	0650	371	.00	.00	.00	0.
1	0555	72	.01	.00	.00	8.	*	2	0655	372	.00	.00	.00	0.
1	0600	73	.01	.00	.00	8.	*	2	0700	373	.00	.00	.00	0.
1	0605	74	.01	.00	.00	8.	*	2	0705	374	.00	.00	.00	0.
1	0610	75	.01	.00	.00	8.	*	2	0710	375	.00	.00	.00	0.
1	0615	76	.01	.00	.00	8.	*	2	0715	376	.00	.00	.00	0.
1	0620	77	.01	.00	.00	8.	*	2	0720	377	.00	.00	.00	0.
1	0625	78	.01	.00	.00	8.	*	2	0725	378	.00	.00	.00	0.
1	0630	79	.01	.00	.00	8.	*	2	0730	379	.00	.00	.00	0.
1	0635	80	.01	.00	.00	9.	*	2	0735	380	.00	.00	.00	0.
1	0640	81	.01	.00	.00	9.	*	2	0740	381	.00	.00	.00	0.
1	0645	82	.01	.00	.00	9.	*	2	0745	382	.00	.00	.00	0.
1	0650	83	.01	.00	.00	9.	*	2	0750	383	.00	.00	.00	0.
1	0655	84	.01	.00	.00	9.	*	2	0755	384	.00	.00	.00	0.
1	0700	85	.01	.00	.00	9.	*	2	0800	385	.00	.00	.00	0.
1	0705	86	.01	.00	.00	9.	*	2	0805	386	.00	.00	.00	0.
1	0710	87	.01	.00	.00	10.	*	2	0810	387	.00	.00	.00	0.
1	0715	88	.01	.00	.00	10.	*	2	0815	388	.00	.00	.00	0.
1	0720	89	.01	.00	.00	10.	*	2	0820	389	.00	.00	.00	0.
1	0725	90	.01	.00	.00	10.	*	2	0825	390	.00	.00	.00	0.
1	0730	91	.01	.00	.00	10.	*	2	0830	391	.00	.00	.00	0.
1	0735	92	.01	.00	.00	10.	*	2	0835	392	.00	.00	.00	0.
1	0740	93	.01	.00	.00	10.	*	2	0840	393	.00	.00	.00	0.
1	0745	94	.01	.00	.00	10.	*	2	0845	394	.00	.00	.00	0.
1	0750	95	.01	.00	.00	10.	*	2	0850	395	.00	.00	.00	0.
1	0755	96	.01	.00	.00	10.	*	2	0855	396	.00	.00	.00	0.
1	0800	97	.01	.00	.00	10.	*	2	0900	397	.00	.00	.00	0.
1	0805	98	.01	.00	.00	10.	*	2	0905	398	.00	.00	.00	0.
1	0810	99	.01	.00	.00	10.	*	2	0910	399	.00	.00	.00	0.
1	0815	100	.01	.00	.00	10.	*	2	0915	400	.00	.00	.00	0.
1	0820	101	.01	.00	.01	10.	*	2	0920	401	.00	.00	.00	0.
1	0825	102	.01	.00	.01	10.	*	2	0925	402	.00	.00	.00	0.
1	0830	103	.01	.00	.01	11.	*	2	0930	403	.00	.00	.00	0.
1	0835	104	.01	.00	.01	11.	*	2	0935	404	.00	.00	.00	0.
1	0840	105	.01	.00	.01	11.	*	2	0940	405	.00	.00	.00	0.
1	0845	106	.01	.00	.01	11.	*	2	0945	406	.00	.00	.00	0.
1	0850	107	.01	.00	.01	12.	*	2	0950	407	.00	.00	.00	0.
1	0855	108	.01	.00	.01	12.	*	2	0955	408	.00	.00	.00	0.
1	0900	109	.01	.00	.01	12.	*	2	1000	409	.00	.00	.00	0.
1	0905	110	.01	.00	.01	12.	*	2	1005	410	.00	.00	.00	0.
1	0910	111	.01	.00	.01	13.	*	2	1010	411	.00	.00	.00	0.
1	0915	112	.01	.00	.01	13.	*	2	1015	412	.00	.00	.00	0.
1	0920	113	.01	.00	.01	13.	*	2	1020	413	.00	.00	.00	0.
1	0925	114	.01	.00	.01	14.	*	2	1025	414	.00	.00	.00	0.
1	0930	115	.01	.00	.01	14.	*	2	1030	415	.00	.00	.00	0.
1	0935	116	.01	.00	.01	14.	*	2	1035	416	.00	.00	.00	0.
1	0940	117	.01	.00	.01	14.	*	2	1040	417	.00	.00	.00	0.
1	0945	118	.01	.00	.01	15.	*	2	1045	418	.00	.00	.00	0.
1	0950	119	.01	.00	.01	15.	*	2	1050	419	.00	.00	.00	0.
1	0955	120	.01	.00	.01	15.	*	2	1055	420	.00	.00	.00	0.
1	1000	121	.01	.00	.01	15.	*	2	1100	421	.00	.00	.00	0.
1	1005	122	.01	.00	.01	16.	*	2	1105	422	.00	.00	.00	0.
1	1010	123	.01	.00	.01	16.	*	2	1110	423	.00	.00	.00	0.
1	1015	124	.01	.00	.01	16.	*	2	1115	424	.00	.00	.00	0.
1	1020	125	.02	.01	.01	17.	*	2	1120	425	.00	.00	.00	0.
1	1025	126	.02	.01	.01	17.	*	2	1125	426	.00	.00	.00	0.
1	1030	127	.02	.01	.01	18.	*	2	1130	427	.00	.00	.00	0.
1	1035	128	.02	.01	.01	18.	*	2	1135	428	.00	.00	.00	0.
1	1040	129	.02	.01	.01	19.	*	2	1140	429	.00	.00	.00	0.
1	1045	130	.02	.01	.01	19.	*	2	1145	430	.00	.00	.00	0.
1	1050	131	.02	.01	.01	20.	*	2	1150	431	.00	.00	.00	0.
1	1055	132	.02	.01	.01	21.	*	2	1155	432	.00	.00	.00	0.
1	1100	133	.02	.01	.01	22.	*	2	1200	433	.00	.00	.00	0.
1	1105	134	.03	.01	.02	23.	*	2	1205	434	.00	.00	.00	0.
1	1110	135	.03	.01	.02	24.	*	2	1210	435	.00	.00	.00	0.
1	1115	136	.03	.01	.02	26.	*	2	1215	436	.00	.00	.00	0.
1	1120	137	.03	.01	.02	27.	*	2	1220	437	.00	.00	.00	0.
1	1125	138	.03	.01	.02	29.	*	2	1225	438	.00	.00	.00	0.
1	1130	139	.03	.01	.02	30.	*	2	1230	439	.00	.00	.00	0.
1	1135	140	.13	.02	.11	34.	*	2	1235	440	.00	.00	.00	0.
1	1140	141	.13	.02	.11	38.	*	2	1240	441	.00	.00	.00	0.
1	1145	142	.13	.02	.11	44.	*	2	1245	442	.00	.00	.00	0.
1	1150	143	.35	.02	.33	59.	*	2	1250	443	.00	.00	.00	0.
1	1155	144	.35	.02	.33	78.	*	2	1255	444	.00	.00	.00	0.
1	1200	145	.35	.02	.33	102.	*	2	1300	445	.00	.00	.00	0.
1	1205	146	.06	.02	.04	131.	*	2	1305	446	.00	.00	.00	0.
1	1210	147	.06	.02	.04	174.	*	2	1310	447	.00	.00	.00	0.
1	1215	148	.06	.02	.04	209.	*	2	1315	448	.00	.00	.00	0.
1	1220	149	.04	.01	.02	242.	*	2	1320	449	.00	.00	.00	0.
1	1225	150	.04	.01	.02	262.	*	2	1325	450	.00	.00	.00	0.
1	1230	151	.04	.01	.02	282.	*	2	1330	451	.00	.00	.00	0.
1	1235	152	.03	.01	.02	290.	*	2	1335	452	.00	.00	.00	0.
1	1240	153	.03	.01	.02	281.	*	2	1340	453	.00	.00	.00	0.
1	1245	154	.03	.01	.02	269.	*	2	1345	454	.00	.00	.00	0.
1	1250	155	.02	.01	.01	255.	*	2	1350	455	.00	.00	.00	0.
1	1255	156	.02	.01	.01	233.	*	2	1355	456	.00	.00	.00	0.
1	1300	157	.02	.01	.01	216.	*	2	1400	457	.00	.00	.00	0.
1	1305	158	.02	.01	.01	187.	*	2	1405	458	.00	.00	.00	0.
1	1310	159	.02	.01	.01	168.	*	2	1410	459	.00	.00	.00	0.
1	1315	160	.02	.01	.01	144.	*	2	1415	460	.00	.00	.00	0.
1	1320	161	.02	.01	.01	129.	*	2	1420	461	.00	.00	.00	0.
1	1325	162	.02	.01	.01	114.	*	2	1425	462	.00	.00	.00	0.
1	1330	163	.02	.01	.01	101.	*	2	1430	463	.00	.00	.00	0.
1	1335	164	.01	.01	.01	87.	*	2	1435	464	.00	.00	.00	0.

1	1340	165	.01	.01	.01	79.	*	2	1440	465	.00	.00	.00	0.
1	1345	166	.01	.01	.01	71.	*	2	1445	466	.00	.00	.00	0.
1	1350	167	.01	.00	.01	65.	*	2	1450	467	.00	.00	.00	0.
1	1355	168	.01	.00	.01	59.	*	2	1455	468	.00	.00	.00	0.
1	1400	169	.01	.00	.01	54.	*	2	1500	469	.00	.00	.00	0.
1	1405	170	.01	.00	.01	49.	*	2	1505	470	.00	.00	.00	0.
1	1410	171	.01	.00	.01	45.	*	2	1510	471	.00	.00	.00	0.
1	1415	172	.01	.00	.01	41.	*	2	1515	472	.00	.00	.00	0.
1	1420	173	.01	.00	.01	36.	*	2	1520	473	.00	.00	.00	0.
1	1425	174	.01	.00	.01	32.	*	2	1525	474	.00	.00	.00	0.
1	1430	175	.01	.00	.01	30.	*	2	1530	475	.00	.00	.00	0.
1	1435	176	.01	.00	.01	28.	*	2	1535	476	.00	.00	.00	0.
1	1440	177	.01	.00	.01	27.	*	2	1540	477	.00	.00	.00	0.
1	1445	178	.01	.00	.01	26.	*	2	1545	478	.00	.00	.00	0.
1	1450	179	.01	.00	.01	25.	*	2	1550	479	.00	.00	.00	0.
1	1455	180	.01	.00	.01	24.	*	2	1555	480	.00	.00	.00	0.
1	1500	181	.01	.00	.01	24.	*	2	1600	481	.00	.00	.00	0.
1	1505	182	.01	.00	.01	23.	*	2	1605	482	.00	.00	.00	0.
1	1510	183	.01	.00	.01	22.	*	2	1610	483	.00	.00	.00	0.
1	1515	184	.01	.00	.01	22.	*	2	1615	484	.00	.00	.00	0.
1	1520	185	.01	.00	.00	21.	*	2	1620	485	.00	.00	.00	0.
1	1525	186	.01	.00	.00	20.	*	2	1625	486	.00	.00	.00	0.
1	1530	187	.01	.00	.00	19.	*	2	1630	487	.00	.00	.00	0.
1	1535	188	.01	.00	.00	18.	*	2	1635	488	.00	.00	.00	0.
1	1540	189	.01	.00	.00	17.	*	2	1640	489	.00	.00	.00	0.
1	1545	190	.01	.00	.00	15.	*	2	1645	490	.00	.00	.00	0.
1	1550	191	.01	.00	.00	15.	*	2	1650	491	.00	.00	.00	0.
1	1555	192	.01	.00	.00	15.	*	2	1655	492	.00	.00	.00	0.
1	1600	193	.01	.00	.00	14.	*	2	1700	493	.00	.00	.00	0.
1	1605	194	.01	.00	.00	14.	*	2	1705	494	.00	.00	.00	0.
1	1610	195	.01	.00	.00	14.	*	2	1710	495	.00	.00	.00	0.
1	1615	196	.01	.00	.00	13.	*	2	1715	496	.00	.00	.00	0.
1	1620	197	.01	.00	.00	13.	*	2	1720	497	.00	.00	.00	0.
1	1625	198	.01	.00	.00	13.	*	2	1725	498	.00	.00	.00	0.
1	1630	199	.01	.00	.00	13.	*	2	1730	499	.00	.00	.00	0.
1	1635	200	.01	.00	.00	13.	*	2	1735	500	.00	.00	.00	0.
1	1640	201	.01	.00	.00	13.	*	2	1740	501	.00	.00	.00	0.
1	1645	202	.01	.00	.00	13.	*	2	1745	502	.00	.00	.00	0.
1	1650	203	.01	.00	.00	12.	*	2	1750	503	.00	.00	.00	0.
1	1655	204	.01	.00	.00	12.	*	2	1755	504	.00	.00	.00	0.
1	1700	205	.01	.00	.00	12.	*	2	1800	505	.00	.00	.00	0.
1	1705	206	.01	.00	.00	12.	*	2	1805	506	.00	.00	.00	0.
1	1710	207	.01	.00	.00	12.	*	2	1810	507	.00	.00	.00	0.
1	1715	208	.01	.00	.00	12.	*	2	1815	508	.00	.00	.00	0.
1	1720	209	.01	.00	.00	11.	*	2	1820	509	.00	.00	.00	0.
1	1725	210	.01	.00	.00	11.	*	2	1825	510	.00	.00	.00	0.
1	1730	211	.01	.00	.00	11.	*	2	1830	511	.00	.00	.00	0.
1	1735	212	.01	.00	.00	11.	*	2	1835	512	.00	.00	.00	0.
1	1740	213	.01	.00	.00	11.	*	2	1840	513	.00	.00	.00	0.
1	1745	214	.01	.00	.00	11.	*	2	1845	514	.00	.00	.00	0.
1	1750	215	.01	.00	.00	11.	*	2	1850	515	.00	.00	.00	0.
1	1755	216	.01	.00	.00	10.	*	2	1855	516	.00	.00	.00	0.
1	1800	217	.01	.00	.00	10.	*	2	1900	517	.00	.00	.00	0.
1	1805	218	.01	.00	.00	10.	*	2	1905	518	.00	.00	.00	0.
1	1810	219	.01	.00	.00	10.	*	2	1910	519	.00	.00	.00	0.
1	1815	220	.01	.00	.00	10.	*	2	1915	520	.00	.00	.00	0.
1	1820	221	.01	.00	.00	10.	*	2	1920	521	.00	.00	.00	0.
1	1825	222	.01	.00	.00	10.	*	2	1925	522	.00	.00	.00	0.
1	1830	223	.01	.00	.00	9.	*	2	1930	523	.00	.00	.00	0.
1	1835	224	.01	.00	.00	9.	*	2	1935	524	.00	.00	.00	0.
1	1840	225	.01	.00	.00	9.	*	2	1940	525	.00	.00	.00	0.
1	1845	226	.01	.00	.00	9.	*	2	1945	526	.00	.00	.00	0.
1	1850	227	.01	.00	.00	9.	*	2	1950	527	.00	.00	.00	0.
1	1855	228	.01	.00	.00	9.	*	2	1955	528	.00	.00	.00	0.
1	1900	229	.01	.00	.00	9.	*	2	2000	529	.00	.00	.00	0.
1	1905	230	.01	.00	.00	9.	*	2	2005	530	.00	.00	.00	0.
1	1910	231	.01	.00	.00	8.	*	2	2010	531	.00	.00	.00	0.
1	1915	232	.01	.00	.00	8.	*	2	2015	532	.00	.00	.00	0.
1	1920	233	.01	.00	.00	8.	*	2	2020	533	.00	.00	.00	0.
1	1925	234	.01	.00	.00	8.	*	2	2025	534	.00	.00	.00	0.
1	1930	235	.01	.00	.00	8.	*	2	2030	535	.00	.00	.00	0.
1	1935	236	.01	.00	.00	8.	*	2	2035	536	.00	.00	.00	0.
1	1940	237	.01	.00	.00	8.	*	2	2040	537	.00	.00	.00	0.
1	1945	238	.01	.00	.00	8.	*	2	2045	538	.00	.00	.00	0.
1	1950	239	.00	.00	.00	8.	*	2	2050	539	.00	.00	.00	0.
1	1955	240	.00	.00	.00	8.	*	2	2055	540	.00	.00	.00	0.
1	2000	241	.00	.00	.00	8.	*	2	2100	541	.00	.00	.00	0.
1	2005	242	.00	.00	.00	8.	*	2	2105	542	.00	.00	.00	0.
1	2010	243	.00	.00	.00	8.	*	2	2110	543	.00	.00	.00	0.
1	2015	244	.00	.00	.00	8.	*	2	2115	544	.00	.00	.00	0.
1	2020	245	.00	.00	.00	8.	*	2	2120	545	.00	.00	.00	0.
1	2025	246	.00	.00	.00	7.	*	2	2125	546	.00	.00	.00	0.
1	2030	247	.00	.00	.00	7.	*	2	2130	547	.00	.00	.00	0.
1	2035	248	.00	.00	.00	7.	*	2	2135	548	.00	.00	.00	0.
1	2040	249	.00	.00	.00	7.	*	2	2140	549	.00	.00	.00	0.
1	2045	250	.00	.00	.00	7.	*	2	2145	550	.00	.00	.00	0.
1	2050	251	.00	.00	.00	7.	*	2	2150	551	.00	.00	.00	0.
1	2055	252	.00	.00	.00	7.	*	2	2155	552	.00	.00	.00	0.
1	2100	253	.00	.00	.00	7.	*	2	2200	553	.00	.00	.00	0.
1	2105	254	.00	.00	.00	6.	*	2	2205	554	.00	.00	.00	0.
1	2110	255	.00	.00	.00	6.	*	2	2210	555	.00	.00	.00	0.
1	2115	256	.00	.00	.00	6.	*	2	2215	556	.00	.00	.00	0.
1	2120	257	.00	.00	.00	6.	*	2	2220	557	.00	.00	.00	0.
1	2125	258	.00	.00	.00	6.	*	2	2225	558	.00	.00	.00	0.
1	2130	259	.00	.00	.00	6.	*	2	2230	559	.00	.00	.00	0.
1	2135	260	.00	.00	.00	6.	*	2	2235	560	.00	.00	.00	0.
1	2140	261	.00	.00	.00	6.	*	2	2240	561	.00	.00	.00	0.
1	2145	262	.00	.00	.00	6.	*	2	2245	562	.00	.00	.00	0.
1	2150	263	.00	.00	.00	6.	*	2	2250	563	.00	.00	.00	0.

1	2155	264	.00	.00	.00	6.	*	2	2255	564	.00	.00	.00	0.
1	2200	265	.00	.00	.00	6.	*	2	2300	565	.00	.00	.00	0.
1	2205	266	.00	.00	.00	6.	*	2	2305	566	.00	.00	.00	0.
1	2210	267	.00	.00	.00	6.	*	2	2310	567	.00	.00	.00	0.
1	2215	268	.00	.00	.00	6.	*	2	2315	568	.00	.00	.00	0.
1	2220	269	.00	.00	.00	6.	*	2	2320	569	.00	.00	.00	0.
1	2225	270	.00	.00	.00	6.	*	2	2325	570	.00	.00	.00	0.
1	2230	271	.00	.00	.00	6.	*	2	2330	571	.00	.00	.00	0.
1	2235	272	.00	.00	.00	6.	*	2	2335	572	.00	.00	.00	0.
1	2240	273	.00	.00	.00	6.	*	2	2340	573	.00	.00	.00	0.
1	2245	274	.00	.00	.00	6.	*	2	2345	574	.00	.00	.00	0.
1	2250	275	.00	.00	.00	6.	*	2	2350	575	.00	.00	.00	0.
1	2255	276	.00	.00	.00	6.	*	2	2355	576	.00	.00	.00	0.
1	2300	277	.00	.00	.00	6.	*	3	0000	577	.00	.00	.00	0.
1	2305	278	.00	.00	.00	6.	*	3	0005	578	.00	.00	.00	0.
1	2310	279	.00	.00	.00	6.	*	3	0010	579	.00	.00	.00	0.
1	2315	280	.00	.00	.00	6.	*	3	0015	580	.00	.00	.00	0.
1	2320	281	.00	.00	.00	6.	*	3	0020	581	.00	.00	.00	0.
1	2325	282	.00	.00	.00	6.	*	3	0025	582	.00	.00	.00	0.
1	2330	283	.00	.00	.00	6.	*	3	0030	583	.00	.00	.00	0.
1	2335	284	.00	.00	.00	6.	*	3	0035	584	.00	.00	.00	0.
1	2340	285	.00	.00	.00	6.	*	3	0040	585	.00	.00	.00	0.
1	2345	286	.00	.00	.00	6.	*	3	0045	586	.00	.00	.00	0.
1	2350	287	.00	.00	.00	6.	*	3	0050	587	.00	.00	.00	0.
1	2355	288	.00	.00	.00	6.	*	3	0055	588	.00	.00	.00	0.
2	0000	289	.00	.00	.00	6.	*	3	0100	589	.00	.00	.00	0.
2	0005	290	.00	.00	.00	6.	*	3	0105	590	.00	.00	.00	0.
2	0010	291	.00	.00	.00	6.	*	3	0110	591	.00	.00	.00	0.
2	0015	292	.00	.00	.00	6.	*	3	0115	592	.00	.00	.00	0.
2	0020	293	.00	.00	.00	5.	*	3	0120	593	.00	.00	.00	0.
2	0025	294	.00	.00	.00	5.	*	3	0125	594	.00	.00	.00	0.
2	0030	295	.00	.00	.00	5.	*	3	0130	595	.00	.00	.00	0.
2	0035	296	.00	.00	.00	4.	*	3	0135	596	.00	.00	.00	0.
2	0040	297	.00	.00	.00	4.	*	3	0140	597	.00	.00	.00	0.
2	0045	298	.00	.00	.00	3.	*	3	0145	598	.00	.00	.00	0.
2	0050	299	.00	.00	.00	3.	*	3	0150	599	.00	.00	.00	0.
2	0055	300	.00	.00	.00	2.	*	3	0155	600	.00	.00	.00	0.
							*							

****

TOTAL RAINFALL = 3.79, TOTAL LOSS = 1.04, TOTAL EXCESS = 2.75

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 290.	12.58		76.	25.	12.	12.
		(INCHES)	2.068	2.736	2.745	2.745
		(AC-FT)	38.	50.	50.	50.

CUMULATIVE AREA = .34 SQ MI

*** ***

```
              **************
              *            *
  63 KK       *    !S287A  *
              *            *
              **************

  64 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        600  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                              STORAGE ROUTE CP287A IN I-10 DETENTION BASIN

                HYDROGRAPH ROUTING DATA

  66 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP       STOR  TYPE OF INITIAL CONDITION
                     RSVRIC        .00  INITIAL CONDITION
                          X        .00 WORKING R AND D COEFFICIENT

  67 SV            STORAGE         .0       9.5      52.9     120.6     265.2     348.1

  68 SE          ELEVATION      975.70    978.00    980.00    982.00    986.00    988.00

  69 SQ          DISCHARGE         0.        0.        0.        0.        0.        0.

  70 SE          ELEVATION      975.70    978.00    980.00    988.00    988.80    990.00

                                                          ***

                                        COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

            STORAGE        .00      9.46     52.88    120.61    265.17    348.06    381.22    430.95
            OUTFLOW        .00       .00       .00       .00       .00       .00       .00       .00
          ELEVATION     975.70    978.00    980.00    982.00    986.00    988.00    988.80    990.00
```

HYDROGRAPH AT STATION !S287A

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	975.7	1		1640	201	0.	55.2	980.1	2		0920	401	0.	62.1	980.3
1		0005	2	0.	.0	975.7	1		1645	202	0.	55.3	980.1	2		0925	402	0.	62.1	980.3
1		0010	3	0.	.0	975.7	1		1650	203	0.	55.4	980.1	2		0930	403	0.	62.1	980.3
1		0015	4	0.	.0	975.7	1		1655	204	0.	55.6	980.1	2		0935	404	0.	62.1	980.3
1		0020	5	0.	.0	975.7	1		1700	205	0.	55.7	980.1	2		0940	405	0.	62.1	980.3
1		0025	6	0.	.0	975.7	1		1705	206	0.	55.8	980.1	2		0945	406	0.	62.1	980.3
1		0030	7	0.	.0	975.7	1		1710	207	0.	55.9	980.1	2		0950	407	0.	62.1	980.3
1		0035	8	0.	.0	975.7	1		1715	208	0.	56.0	980.1	2		0955	408	0.	62.1	980.3
1		0040	9	0.	.0	975.7	1		1720	209	0.	56.1	980.1	2		1000	409	0.	62.1	980.3
1		0045	10	0.	.0	975.7	1		1725	210	0.	56.2	980.1	2		1005	410	0.	62.1	980.3
1		0050	11	0.	.1	975.7	1		1730	211	0.	56.3	980.1	2		1010	411	0.	62.1	980.3
1		0055	12	0.	.1	975.7	1		1735	212	0.	56.4	980.1	2		1015	412	0.	62.1	980.3
1		0100	13	0.	.1	975.7	1		1740	213	0.	56.5	980.1	2		1020	413	0.	62.1	980.3
1		0105	14	0.	.1	975.7	1		1745	214	0.	56.6	980.1	2		1025	414	0.	62.1	980.3
1		0110	15	0.	.1	975.7	1		1750	215	0.	56.7	980.1	2		1030	415	0.	62.1	980.3
1		0115	16	0.	.2	975.7	1		1755	216	0.	56.8	980.1	2		1035	416	0.	62.1	980.3
1		0120	17	0.	.2	975.8	1		1800	217	0.	56.9	980.1	2		1040	417	0.	62.1	980.3
1		0125	18	0.	.3	975.8	1		1805	218	0.	56.9	980.1	2		1045	418	0.	62.1	980.3
1		0130	19	0.	.3	975.8	1		1810	219	0.	57.0	980.1	2		1050	419	0.	62.1	980.3
1		0135	20	0.	.3	975.8	1		1815	220	0.	57.1	980.1	2		1055	420	0.	62.1	980.3
1		0140	21	0.	.4	975.8	1		1820	221	0.	57.2	980.1	2		1100	421	0.	62.1	980.3
1		0145	22	0.	.4	975.8	1		1825	222	0.	57.3	980.1	2		1105	422	0.	62.1	980.3
1		0150	23	0.	.5	975.8	1		1830	223	0.	57.4	980.1	2		1110	423	0.	62.1	980.3
1		0155	24	0.	.5	975.8	1		1835	224	0.	57.5	980.1	2		1115	424	0.	62.1	980.3
1		0200	25	0.	.6	975.8	1		1840	225	0.	57.5	980.1	2		1120	425	0.	62.1	980.3
1		0205	26	0.	.6	975.8	1		1845	226	0.	57.6	980.1	2		1125	426	0.	62.1	980.3
1		0210	27	0.	.7	975.9	1		1850	227	0.	57.7	980.1	2		1130	427	0.	62.1	980.3
1		0215	28	0.	.7	975.9	1		1855	228	0.	57.8	980.1	2		1135	428	0.	62.1	980.3
1		0220	29	0.	.8	975.9	1		1900	229	0.	57.9	980.1	2		1140	429	0.	62.1	980.3
1		0225	30	0.	.8	975.9	1		1905	230	0.	57.9	980.1	2		1145	430	0.	62.1	980.3
1		0230	31	0.	.9	975.9	1		1910	231	0.	58.0	980.2	2		1150	431	0.	62.1	980.3
1		0235	32	0.	.9	975.9	1		1915	232	0.	58.1	980.2	2		1155	432	0.	62.1	980.3
1		0240	33	0.	1.0	975.9	1		1920	233	0.	58.2	980.2	2		1200	433	0.	62.1	980.3
1		0245	34	0.	1.0	975.9	1		1925	234	0.	58.2	980.2	2		1205	434	0.	62.1	980.3
1		0250	35	0.	1.1	976.0	1		1930	235	0.	58.3	980.2	2		1210	435	0.	62.1	980.3
1		0255	36	0.	1.1	976.0	1		1935	236	0.	58.4	980.2	2		1215	436	0.	62.1	980.3
1		0300	37	0.	1.2	976.0	1		1940	237	0.	58.5	980.2	2		1220	437	0.	62.1	980.3
1		0305	38	0.	1.2	976.0	1		1945	238	0.	58.5	980.2	2		1225	438	0.	62.1	980.3
1		0310	39	0.	1.3	976.0	1		1950	239	0.	58.6	980.2	2		1230	439	0.	62.1	980.3
1		0315	40	0.	1.3	976.0	1		1955	240	0.	58.7	980.2	2		1235	440	0.	62.1	980.3
1		0320	41	0.	1.4	976.0	1		2000	241	0.	58.7	980.2	2		1240	441	0.	62.1	980.3
1		0325	42	0.	1.4	976.1	1		2005	242	0.	58.8	980.2	2		1245	442	0.	62.1	980.3
1		0330	43	0.	1.5	976.1	1		2010	243	0.	58.9	980.2	2		1250	443	0.	62.1	980.3
1		0335	44	0.	1.6	976.1	1		2015	244	0.	59.0	980.2	2		1255	444	0.	62.1	980.3
1		0340	45	0.	1.6	976.1	1		2020	245	0.	59.0	980.2	2		1300	445	0.	62.1	980.3
1		0345	46	0.	1.7	976.1	1		2025	246	0.	59.1	980.2	2		1305	446	0.	62.1	980.3
1		0350	47	0.	1.7	976.1	1		2030	247	0.	59.2	980.2	2		1310	447	0.	62.1	980.3
1		0355	48	0.	1.8	976.1	1		2035	248	0.	59.2	980.2	2		1315	448	0.	62.1	980.3
1		0400	49	0.	1.8	976.1	1		2040	249	0.	59.3	980.2	2		1320	449	0.	62.1	980.3
1		0405	50	0.	1.9	976.2	1		2045	250	0.	59.3	980.2	2		1325	450	0.	62.1	980.3
1		0410	51	0.	1.9	976.2	1		2050	251	0.	59.4	980.2	2		1330	451	0.	62.1	980.3
1		0415	52	0.	2.0	976.2	1		2055	252	0.	59.5	980.2	2		1335	452	0.	62.1	980.3
1		0420	53	0.	2.0	976.2	1		2100	253	0.	59.5	980.2	2		1340	453	0.	62.1	980.3
1		0425	54	0.	2.1	976.2	1		2105	254	0.	59.6	980.2	2		1345	454	0.	62.1	980.3
1		0430	55	0.	2.2	976.2	1		2110	255	0.	59.6	980.2	2		1350	455	0.	62.1	980.3
1		0435	56	0.	2.2	976.2	1		2115	256	0.	59.7	980.2	2		1355	456	0.	62.1	980.3
1		0440	57	0.	2.3	976.3	1		2120	257	0.	59.7	980.2	2		1400	457	0.	62.1	980.3
1		0445	58	0.	2.3	976.3	1		2125	258	0.	59.8	980.2	2		1405	458	0.	62.1	980.3
1		0450	59	0.	2.4	976.3	1		2130	259	0.	59.9	980.2	2		1410	459	0.	62.1	980.3
1		0455	60	0.	2.5	976.3	1		2135	260	0.	59.9	980.2	2		1415	460	0.	62.1	980.3
1		0500	61	0.	2.5	976.3	1		2140	261	0.	60.0	980.2	2		1420	461	0.	62.1	980.3
1		0505	62	0.	2.6	976.3	1		2145	262	0.	60.0	980.2	2		1425	462	0.	62.1	980.3
1		0510	63	0.	2.7	976.3	1		2150	263	0.	60.1	980.2	2		1430	463	0.	62.1	980.3
1		0515	64	0.	2.7	976.4	1		2155	264	0.	60.1	980.2	2		1435	464	0.	62.1	980.3
1		0520	65	0.	2.8	976.4	1		2200	265	0.	60.2	980.2	2		1440	465	0.	62.1	980.3
1		0525	66	0.	2.9	976.4	1		2205	266	0.	60.2	980.2	2		1445	466	0.	62.1	980.3
1		0530	67	0.	2.9	976.4	1		2210	267	0.	60.3	980.2	2		1450	467	0.	62.1	980.3
1		0535	68	0.	3.0	976.4	1		2215	268	0.	60.3	980.2	2		1455	468	0.	62.1	980.3
1		0540	69	0.	3.1	976.4	1		2220	269	0.	60.4	980.2	2		1500	469	0.	62.1	980.3
1		0545	70	0.	3.1	976.5	1		2225	270	0.	60.5	980.2	2		1505	470	0.	62.1	980.3
1		0550	71	0.	3.2	976.5	1		2230	271	0.	60.5	980.2	2		1510	471	0.	62.1	980.3
1		0555	72	0.	3.3	976.5	1		2235	272	0.	60.6	980.2	2		1515	472	0.	62.1	980.3
1		0600	73	0.	3.4	976.5	1		2240	273	0.	60.6	980.2	2		1520	473	0.	62.1	980.3
1		0605	74	0.	3.4	976.5	1		2245	274	0.	60.7	980.2	2		1525	474	0.	62.1	980.3
1		0610	75	0.	3.5	976.6	1		2250	275	0.	60.7	980.2	2		1530	475	0.	62.1	980.3
1		0615	76	0.	3.6	976.6	1		2255	276	0.	60.8	980.2	2		1535	476	0.	62.1	980.3
1		0620	77	0.	3.6	976.6	1		2300	277	0.	60.8	980.2	2		1540	477	0.	62.1	980.3
1		0625	78	0.	3.7	976.6	1		2305	278	0.	60.9	980.2	2		1545	478	0.	62.1	980.3
1		0630	79	0.	3.8	976.6	1		2310	279	0.	60.9	980.2	2		1550	479	0.	62.1	980.3
1		0635	80	0.	3.9	976.6	1		2315	280	0.	61.0	980.2	2		1555	480	0.	62.1	980.3
1		0640	81	0.	3.9	976.7	1		2320	281	0.	61.0	980.2	2		1600	481	0.	62.1	980.3
1		0645	82	0.	4.0	976.7	1		2325	282	0.	61.1	980.2	2		1605	482	0.	62.1	980.3
1		0650	83	0.	4.1	976.7	1		2330	283	0.	61.1	980.2	2		1610	483	0.	62.1	980.3
1		0655	84	0.	4.2	976.7	1		2335	284	0.	61.2	980.2	2		1615	484	0.	62.1	980.3
1		0700	85	0.	4.2	976.7	1		2340	285	0.	61.3	980.2	2		1620	485	0.	62.1	980.3
1		0705	86	0.	4.3	976.8	1		2345	286	0.	61.3	980.2	2		1625	486	0.	62.1	980.3
1		0710	87	0.	4.4	976.8	1		2350	287	0.	61.4	980.3	2		1630	487	0.	62.1	980.3
1		0715	88	0.	4.5	976.8	1		2355	288	0.	61.4	980.3	2		1635	488	0.	62.1	980.3
1		0720	89	0.	4.6	976.8	2		0000	289	0.	61.5	980.3	2		1640	489	0.	62.1	980.3
1		0725	90	0.	4.7	976.8	2		0005	290	0.	61.5	980.3	2		1645	490	0.	62.1	980.3

1	0730	91	0.	4.7	976.9	*	2	0010	291	0.	61.6	980.3	*	2	1650	491	0.	62.1	980.3
1	0735	92	0.	4.8	976.9	*	2	0015	292	0.	61.6	980.3	*	2	1655	492	0.	62.1	980.3
1	0740	93	0.	4.9	976.9	*	2	0020	293	0.	61.7	980.3	*	2	1700	493	0.	62.1	980.3
1	0745	94	0.	5.0	976.9	*	2	0025	294	0.	61.7	980.3	*	2	1705	494	0.	62.1	980.3
1	0750	95	0.	5.1	976.9	*	2	0030	295	0.	61.8	980.3	*	2	1710	495	0.	62.1	980.3
1	0755	96	0.	5.2	977.0	*	2	0035	296	0.	61.8	980.3	*	2	1715	496	0.	62.1	980.3
1	0800	97	0.	5.3	977.0	*	2	0040	297	0.	61.8	980.3	*	2	1720	497	0.	62.1	980.3
1	0805	98	0.	5.4	977.0	*	2	0045	298	0.	61.9	980.3	*	2	1725	498	0.	62.1	980.3
1	0810	99	0.	5.4	977.0	*	2	0050	299	0.	61.9	980.3	*	2	1730	499	0.	62.1	980.3
1	0815	100	0.	5.5	977.0	*	2	0055	300	0.	61.9	980.3	*	2	1735	500	0.	62.1	980.3
1	0820	101	0.	5.6	977.1	*	2	0100	301	0.	61.9	980.3	*	2	1740	501	0.	62.1	980.3
1	0825	102	0.	5.7	977.1	*	2	0105	302	0.	62.0	980.3	*	2	1745	502	0.	62.1	980.3
1	0830	103	0.	5.8	977.1	*	2	0110	303	0.	62.0	980.3	*	2	1750	503	0.	62.1	980.3
1	0835	104	0.	5.9	977.1	*	2	0115	304	0.	62.0	980.3	*	2	1755	504	0.	62.1	980.3
1	0840	105	0.	6.0	977.2	*	2	0120	305	0.	62.0	980.3	*	2	1800	505	0.	62.1	980.3
1	0845	106	0.	6.1	977.2	*	2	0125	306	0.	62.0	980.3	*	2	1805	506	0.	62.1	980.3
1	0850	107	0.	6.2	977.2	*	2	0130	307	0.	62.0	980.3	*	2	1810	507	0.	62.1	980.3
1	0855	108	0.	6.3	977.2	*	2	0135	308	0.	62.0	980.3	*	2	1815	508	0.	62.1	980.3
1	0900	109	0.	6.4	977.3	*	2	0140	309	0.	62.0	980.3	*	2	1820	509	0.	62.1	980.3
1	0905	110	0.	6.5	977.3	*	2	0145	310	0.	62.1	980.3	*	2	1825	510	0.	62.1	980.3
1	0910	111	0.	6.6	977.3	*	2	0150	311	0.	62.1	980.3	*	2	1830	511	0.	62.1	980.3
1	0915	112	0.	6.7	977.3	*	2	0155	312	0.	62.1	980.3	*	2	1835	512	0.	62.1	980.3
1	0920	113	0.	6.8	977.4	*	2	0200	313	0.	62.1	980.3	*	2	1840	513	0.	62.1	980.3
1	0925	114	0.	6.9	977.4	*	2	0205	314	0.	62.1	980.3	*	2	1845	514	0.	62.1	980.3
1	0930	115	0.	7.0	977.4	*	2	0210	315	0.	62.1	980.3	*	2	1850	515	0.	62.1	980.3
1	0935	116	0.	7.2	977.4	*	2	0215	316	0.	62.1	980.3	*	2	1855	516	0.	62.1	980.3
1	0940	117	0.	7.3	977.5	*	2	0220	317	0.	62.1	980.3	*	2	1900	517	0.	62.1	980.3
1	0945	118	0.	7.4	977.5	*	2	0225	318	0.	62.1	980.3	*	2	1905	518	0.	62.1	980.3
1	0950	119	0.	7.5	977.5	*	2	0230	319	0.	62.1	980.3	*	2	1910	519	0.	62.1	980.3
1	0955	120	0.	7.7	977.6	*	2	0235	320	0.	62.1	980.3	*	2	1915	520	0.	62.1	980.3
1	1000	121	0.	7.8	977.6	*	2	0240	321	0.	62.1	980.3	*	2	1920	521	0.	62.1	980.3
1	1005	122	0.	7.9	977.6	*	2	0245	322	0.	62.1	980.3	*	2	1925	522	0.	62.1	980.3
1	1010	123	0.	8.1	977.7	*	2	0250	323	0.	62.1	980.3	*	2	1930	523	0.	62.1	980.3
1	1015	124	0.	8.2	977.7	*	2	0255	324	0.	62.1	980.3	*	2	1935	524	0.	62.1	980.3
1	1020	125	0.	8.3	977.7	*	2	0300	325	0.	62.1	980.3	*	2	1940	525	0.	62.1	980.3
1	1025	126	0.	8.5	977.8	*	2	0305	326	0.	62.1	980.3	*	2	1945	526	0.	62.1	980.3
1	1030	127	0.	8.6	977.8	*	2	0310	327	0.	62.1	980.3	*	2	1950	527	0.	62.1	980.3
1	1035	128	0.	8.8	977.8	*	2	0315	328	0.	62.1	980.3	*	2	1955	528	0.	62.1	980.3
1	1040	129	0.	8.9	977.9	*	2	0320	329	0.	62.1	980.3	*	2	2000	529	0.	62.1	980.3
1	1045	130	0.	9.1	977.9	*	2	0325	330	0.	62.1	980.3	*	2	2005	530	0.	62.1	980.3
1	1050	131	0.	9.3	978.0	*	2	0330	331	0.	62.1	980.3	*	2	2010	531	0.	62.1	980.3
1	1055	132	0.	9.4	978.0	*	2	0335	332	0.	62.1	980.3	*	2	2015	532	0.	62.1	980.3
1	1100	133	0.	9.6	978.0	*	2	0340	333	0.	62.1	980.3	*	2	2020	533	0.	62.1	980.3
1	1105	134	0.	9.8	978.0	*	2	0345	334	0.	62.1	980.3	*	2	2025	534	0.	62.1	980.3
1	1110	135	0.	10.0	978.0	*	2	0350	335	0.	62.1	980.3	*	2	2030	535	0.	62.1	980.3
1	1115	136	0.	10.2	978.0	*	2	0355	336	0.	62.1	980.3	*	2	2035	536	0.	62.1	980.3
1	1120	137	0.	10.4	978.0	*	2	0400	337	0.	62.1	980.3	*	2	2040	537	0.	62.1	980.3
1	1125	138	0.	10.7	978.1	*	2	0405	338	0.	62.1	980.3	*	2	2045	538	0.	62.1	980.3
1	1130	139	0.	10.9	978.1	*	2	0410	339	0.	62.1	980.3	*	2	2050	539	0.	62.1	980.3
1	1135	140	0.	11.2	978.1	*	2	0415	340	0.	62.1	980.3	*	2	2055	540	0.	62.1	980.3
1	1140	141	0.	11.5	978.1	*	2	0420	341	0.	62.1	980.3	*	2	2100	541	0.	62.1	980.3
1	1145	142	0.	11.8	978.1	*	2	0425	342	0.	62.1	980.3	*	2	2105	542	0.	62.1	980.3
1	1150	143	0.	12.2	978.1	*	2	0430	343	0.	62.1	980.3	*	2	2110	543	0.	62.1	980.3
1	1155	144	0.	12.8	978.2	*	2	0435	344	0.	62.1	980.3	*	2	2115	544	0.	62.1	980.3
1	1200	145	0.	13.5	978.2	*	2	0440	345	0.	62.1	980.3	*	2	2120	545	0.	62.1	980.3
1	1205	146	0.	14.4	978.2	*	2	0445	346	0.	62.1	980.3	*	2	2125	546	0.	62.1	980.3
1	1210	147	0.	15.6	978.3	*	2	0450	347	0.	62.1	980.3	*	2	2130	547	0.	62.1	980.3
1	1215	148	0.	17.1	978.4	*	2	0455	348	0.	62.1	980.3	*	2	2135	548	0.	62.1	980.3
1	1220	149	0.	18.9	978.4	*	2	0500	349	0.	62.1	980.3	*	2	2140	549	0.	62.1	980.3
1	1225	150	0.	20.9	978.5	*	2	0505	350	0.	62.1	980.3	*	2	2145	550	0.	62.1	980.3
1	1230	151	0.	23.2	978.6	*	2	0510	351	0.	62.1	980.3	*	2	2150	551	0.	62.1	980.3
1	1235	152	0.	25.5	978.7	*	2	0515	352	0.	62.1	980.3	*	2	2155	552	0.	62.1	980.3
1	1240	153	0.	27.9	978.9	*	2	0520	353	0.	62.1	980.3	*	2	2200	553	0.	62.1	980.3
1	1245	154	0.	30.3	979.0	*	2	0525	354	0.	62.1	980.3	*	2	2205	554	0.	62.1	980.3
1	1250	155	0.	32.6	979.1	*	2	0530	355	0.	62.1	980.3	*	2	2210	555	0.	62.1	980.3
1	1255	156	0.	34.7	979.2	*	2	0535	356	0.	62.1	980.3	*	2	2215	556	0.	62.1	980.3
1	1300	157	0.	36.6	979.3	*	2	0540	357	0.	62.1	980.3	*	2	2220	557	0.	62.1	980.3
1	1305	158	0.	38.4	979.3	*	2	0545	358	0.	62.1	980.3	*	2	2225	558	0.	62.1	980.3
1	1310	159	0.	40.0	979.4	*	2	0550	359	0.	62.1	980.3	*	2	2230	559	0.	62.1	980.3
1	1315	160	0.	41.4	979.5	*	2	0555	360	0.	62.1	980.3	*	2	2235	560	0.	62.1	980.3
1	1320	161	0.	42.6	979.5	*	2	0600	361	0.	62.1	980.3	*	2	2240	561	0.	62.1	980.3
1	1325	162	0.	43.7	979.6	*	2	0605	362	0.	62.1	980.3	*	2	2245	562	0.	62.1	980.3
1	1330	163	0.	44.6	979.6	*	2	0610	363	0.	62.1	980.3	*	2	2250	563	0.	62.1	980.3
1	1335	164	0.	45.5	979.7	*	2	0615	364	0.	62.1	980.3	*	2	2255	564	0.	62.1	980.3
1	1340	165	0.	46.2	979.7	*	2	0620	365	0.	62.1	980.3	*	2	2300	565	0.	62.1	980.3
1	1345	166	0.	46.9	979.7	*	2	0625	366	0.	62.1	980.3	*	2	2305	566	0.	62.1	980.3
1	1350	167	0.	47.5	979.8	*	2	0630	367	0.	62.1	980.3	*	2	2310	567	0.	62.1	980.3
1	1355	168	0.	48.0	979.8	*	2	0635	368	0.	62.1	980.3	*	2	2315	568	0.	62.1	980.3
1	1400	169	0.	48.5	979.8	*	2	0640	369	0.	62.1	980.3	*	2	2320	569	0.	62.1	980.3
1	1405	170	0.	49.0	979.8	*	2	0645	370	0.	62.1	980.3	*	2	2325	570	0.	62.1	980.3
1	1410	171	0.	49.4	979.8	*	2	0650	371	0.	62.1	980.3	*	2	2330	571	0.	62.1	980.3
1	1415	172	0.	49.8	979.9	*	2	0655	372	0.	62.1	980.3	*	2	2335	572	0.	62.1	980.3
1	1420	173	0.	50.1	979.9	*	2	0700	373	0.	62.1	980.3	*	2	2340	573	0.	62.1	980.3
1	1425	174	0.	50.5	979.9	*	2	0705	374	0.	62.1	980.3	*	2	2345	574	0.	62.1	980.3
1	1430	175	0.	50.7	979.9	*	2	0710	375	0.	62.1	980.3	*	2	2350	575	0.	62.1	980.3
1	1435	176	0.	51.0	979.9	*	2	0715	376	0.	62.1	980.3	*	2	2355	576	0.	62.1	980.3
1	1440	177	0.	51.3	979.9	*	2	0720	377	0.	62.1	980.3	*	3	0000	577	0.	62.1	980.3
1	1445	178	0.	51.5	979.9	*	2	0725	378	0.	62.1	980.3	*	3	0005	578	0.	62.1	980.3
1	1450	179	0.	51.7	979.9	*	2	0730	379	0.	62.1	980.3	*	3	0010	579	0.	62.1	980.3
1	1455	180	0.	52.0	980.0	*	2	0735	380	0.	62.1	980.3	*	3	0015	580	0.	62.1	980.3
1	1500	181	0.	52.2	980.0	*	2	0740	381	0.	62.1	980.3	*	3	0020	581	0.	62.1	980.3
1	1505	182	0.	52.4	980.0	*	2	0745	382	0.	62.1	980.3	*	3	0025	582	0.	62.1	980.3
1	1510	183	0.	52.6	980.0	*	2	0750	383	0.	62.1	980.3	*	3	0030	583	0.	62.1	980.3
1	1515	184	0.	52.8	980.0	*	2	0755	384	0.	62.1	980.3	*	3	0035	584	0.	62.1	980.3
1	1520	185	0.	53.0	980.0	*	2	0800	385	0.	62.1	980.3	*	3	0040	585	0.	62.1	980.3
1	1525	186	0.	53.2	980.0	*	2	0805	386	0.	62.1	980.3	*	3	0045	586	0.	62.1	980.3
1	1530	187	0.	53.4	980.0	*	2	0810	387	0.	62.1	980.3	*	3	0050	587	0.	62.1	980.3
1	1535	188	0.	53.5	980.0	*	2	0815	388	0.	62.1	980.3	*	3	0055	588	0.	62.1	980.3
1	1540	189	0.	53.7	980.0	*	2	0820	389	0.	62.1	980.3	*	3	0100	589	0.	62.1	980.3

1	1545	190	0.	53.8	980.0	*	2	0825	390	0.	62.1	980.3	*	3	0105	590	0.	62.1	980.3
1	1550	191	0.	54.0	980.0	*	2	0830	391	0.	62.1	980.3	*	3	0110	591	0.	62.1	980.3
1	1555	192	0.	54.1	980.0	*	2	0835	392	0.	62.1	980.3	*	3	0115	592	0.	62.1	980.3
1	1600	193	0.	54.2	980.0	*	2	0840	393	0.	62.1	980.3	*	3	0120	593	0.	62.1	980.3
1	1605	194	0.	54.4	980.0	*	2	0845	394	0.	62.1	980.3	*	3	0125	594	0.	62.1	980.3
1	1610	195	0.	54.5	980.0	*	2	0850	395	0.	62.1	980.3	*	3	0130	595	0.	62.1	980.3
1	1615	196	0.	54.6	980.1	*	2	0855	396	0.	62.1	980.3	*	3	0135	596	0.	62.1	980.3
1	1620	197	0.	54.8	980.1	*	2	0900	397	0.	62.1	980.3	*	3	0140	597	0.	62.1	980.3
1	1625	198	0.	54.9	980.1	*	2	0905	398	0.	62.1	980.3	*	3	0145	598	0.	62.1	980.3
1	1630	199	0.	55.0	980.1	*	2	0910	399	0.	62.1	980.3	*	3	0150	599	0.	62.1	980.3
1	1635	200	0.	55.1	980.1	*	2	0915	400	0.	62.1	980.3	*	3	0155	600	0.	62.1	980.3
						*							*						

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.00		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	49.92-HR
+ (AC-FT)	(HR)				
62.	29.75	62.	62.	46.	46.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	49.92-HR
+ (FEET)	(HR)				
980.27	29.42	980.27	980.28	979.33	979.33

CUMULATIVE AREA = .41 SQ MI

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	A	0.	.00	0.	0.	0.	.00		
+	HYDROGRAPH AT	288A	73.	12.50	18.	6.	3.	.07		
+	ROUTED TO	R288A	67.	12.75	18.	6.	3.	.07		
+									992.46	12.75
+	HYDROGRAPH AT	!287A	290.	12.58	76.	25.	12.	.34		
+	2 COMBINED AT	CP287A	352.	12.58	94.	31.	15.	.41		
+	ROUTED TO	!S287A	0.	.00	0.	0.	0.	.41		
+									980.27	29.42

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

Appendix C

HEC-1 Model

287BPB

```
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   10JUL07  TIME  09:16:19  *                                    *           (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         10 - 23 - 0 1
        2           ID
        3           ID        **DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING   **
        4           ID        **WATERSHED SUB BASINS                                    **
        5           ID
        6           ID        **BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL**
        7           ID
        8           ID                                        REVISED BY URS     DATE: 05-17-07
        9           ID                                                           FILE: 287BPB.DAT
       10           ID
                    *DIAGRAM
       11           IT       5                    600
       12           IO       5
       13           IN      15

       14           KK       B
       15           PB    3.79
       16           PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
       17           PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
       18           PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
       19           PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
       20           PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
       21           PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
       22           PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
       23           PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
       24           PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
       25           PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000

       26           KK    254
                    * KO   1                            21
       27           KM   BASIN 254
       28           KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
       29           KM    L=      1.0  Lca=       .5   S=   36.7  Kn= .030  LAG=  16.1
       30           KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
       31           BA     .28
       32           LG     .34     .25    4.35     .48     9.9
       33           UI     93.    297.    515.    588.    352.    164.     75.     26.     18.      0.
       34           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
       35           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

       36           KK    R254
       37           KM        ROUTE 254 TO CP254B
       38           RS       2              -1       0
       39           RC    0.05    0.04    0.05    1600   0.005
       40           RX       0       1      21      41      51      71      91      92
       41           RY   10360    1029    1029    1028    1028    1029    1029    1030

       42           KK   !254B
       43           KO       1                            22
       44           KM   BASIN 254B
       45           KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
       46           KM    L=       .3  Lca=       .2   S=   30.0  Kn= .050  LAG=  11.6
       47           KM    DESERT/RANGELAND S-GRAPH WAS USED FOR THE BASIN
       48           BA     .13
       49           LG     .35     .35    4.65     .30    20.7
1                                                HEC-1 INPUT                                                    PAGE  2
```

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

 50           UI     90.    310.    326.    167.     79.     36.     15.      9.      0.      0.
 51           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 52           KO      1                              22

 53           KK  CP254B
 54           KM        COMBINE R254 AND 254B
 55           HC      2    0.43

 56           KK   R254B
 57           KM        ROUTE CP254B TO CP269
 58           RS      4              -1
 59           RC   0.035    0.03   0.035    3000   0.003
 60           RX      0      10      20      38      48      60      65      70
 61           RY   1025    1020    1020    1017    1017    1020    1020    1025

 62           KK    269
              * KO    1                              21
 63           KM   BASIN SUB BASIN 269
 64           KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 65           KM    L=       .8  Lca=       .4   S=   14.5  Kn= .030  LAG=  17.4
 66           KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 67           BA     .23
 68           LG     .11     .26    4.65     .39    37.9
 69           UI     65.    215.    344.    499.    320.    189.     78.     38.     14.     14.
 70           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 71           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 72           KK   CP269
 73           KM        COMBINE CP254B AND CP269
 74           HC      2    0.69

 75           KK    R269
 76           KM        ROUTE CP269B TO CP268
 77           RS      3              -1
 78           RC   0.035     .03    .035    1700   0.002
 79           RX     11      12      18      36      46      64      70      71
 80           RY   1010    1009    1007    1004    1004    1007    1009    1010

 81           KK   269B
              * KO    1                              21
 82           KM   BASIN 269B
 83           KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 84           KM    L=       .8  Lca=       .4   S=   29.1  Kn= .035  LAG=  20.0
 85           KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 86           BA     .27
 87           LG     .17     .27    3.95     .54      46
 88           UI     53.    194.    294.    489.    419.    282.    168.     76.     44.     14.
 89           UI     14.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 90           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

 91           KK   R269B
 92           KM        ROUTE CP269B TO CP268
 93           RS      2              -1
 94           RC   0.035   0.035    .035    1700   0.002
 95           RX      0       5      18      42      54      82      90      94
 96           RY   1010    1009    1007    1005    1005    1007    1009    1010

 97           KK    268
              * KO    1                              21
 98           KM   BASIN 268
 99           KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
100           KM    L=       .5  Lca=       .3   S=   17.0  Kn= .030  LAG=  12.0
101           KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
102           BA     .24
103           LG     .11     .26    4.80     .36    37.4
104           UI    155.    455.    708.    374.    120.     38.     21.      0.      0.      0.
105           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

106           KK   CP268
107           KM        COMBINE R269B, R269 AND 268
108           HC      3    1.24

109           KK  DI2881
110           KM    *** DIVERT ADDED BY EEC 2-11-01 PER PV PHASE 2 DRAINAGE REPORT
111           KM        PALM VALLEY DEVELOPED CONDITION DISCHARGES
112           KM        DIRECTLY TO ADOT BASINS. DEVELOPMENT DOES NOT AFFECT TIMING
113           KM        OF THE HYDROGRAPH TO INFLUANCE THE VOLUME REQUIRED IN THE ADOT BASINS
114           KM        THERFORE, FLOW FROM PALM VALLEY IS DISCHARGED OR DIVERTED TO THE ADOT
115           KM        DIVERTED  FLOW EVENTUALLY ENTERS ADOT BASIN AFTER OUTFALL
116           KM        CHANNEL FLOW RECEDES.
117           KM      ****************************************************
118           KM        DIVERT FLOW ABOVE 350 CFS TO PARK DETENTION BASIN
119           DT   D288B
120           DI    200     350     450     600     800     900
121           DQ      0       0     100     250     450     550

122           KK    R268
123           KM        ROUTE CP268 TO CP288B
124           RS      3              -1
```

```
 125          RC   0.035   0.035    .035    2200   0.013
 126          RX      72      73      74      90     117     153     221     222
 127          RY    1000    1000    1000   996.6   996.6  1003.1  1003.3  1003.3

 128          KK   288B
              * KO     1                                21
 129          KM   BASIN 288B
 130          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 131          KM    L=      1.4  Lca=       .7   S=   11.8  Kn= .048  LAG=  42.9
 132          KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 133          BA     .93
 134          LG     .30     .20    4.90     .37    32.4
 135          UI     73.     78.    257.    344.    413.    489.    591.    815.    889.    694.
 136          UI    585.    483.    401.    325.    216.    129.    120.     83.     73.     32.
 137          UI     22.     22.     22.     22.     22.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                                    PAGE  4

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

 138          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 139          KK  CP288B
 140          KM        COMBINE R268 AND 288B
 141          HC       2    2.34

 142          KK  DI2882
 143          KM    *** DIVERT ADDED BY EEC 2-11-01 PER P.V. PHASE 2 DRAINAGE REPORT
 144          KM        PALM VALLEY DEVELOPED CONDITION DISCHARGES
 145          KM        DIRECTLY TO ADOT BASINS. DEVELOPMENT DOES NOT AFFECT TIMING
 146          KM        OF THE HYDROGRAPH TO INFLUANCE THE VOLUME REQUIRED IN THE ADOT BASINS
 147          KM        THERFORE, FLOW FROM PALM VALLEY IS DISCHARGED OR DIVERTED TO THE ADOT
 148          KM        DIVERTED  FLOW EVENTUALLY ENTERS ADOT BASIN AFTER OUTFALL
 149          KM        CHANNEL FLOW RECEDES.
 150          KM      ****************************************************
 151          KM        SECOND DIVERT FOR PALM VALLEY GOLF COURSE
 152          KM        FLOW INTO DRIVING RANGE OFFLINE BASIN
 153          DT   D288B
 154          DI       0     200     400     600    1000    1200
 155          DQ       0       0       0     200     400     800

 156          KK   R288B
              * KO     1                                21
 157          KM        ROUTE CP288B TO CP287B
 158          RS       1              -1
 159          RC   0.035    0.02    .035    1500    .003
 160          RX       0       1      11      31      51      71      81      82
 161          RY    1000     999     999     994     994     999     999    1000

 162          KK   !287B
 163          KO       1                                22
 164          KM   BASIN 287B
 165          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 166          KM    L=       .5  Lca=       .2   S=   36.2  Kn= .066  LAG=  21.0
 167          KM    AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN
 168          BA     .10
 169          LG     .23     .21    4.65     .48    55.7
 170          UI     20.     71.    119.    148.    130.    103.     63.     44.     25.     17.
 171          UI     11.      8.      2.      2.      2.      2.      2.      2.      0.      0.
 172          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 173          KK  CP287B
              * KO     1                                21
 174          KM        ADD HYDROGRAPHS AT CP287B
 175          HC       2    2.84
              * BELOW: BASED ON RECENT 2' CI DATA

 176          KK  !S287B
 177          KO       1                                21
 178          KM        STORAGE ROUTE CP287B IN I-10 DETENTION BASIN
 179          RS       1    STOR       0       0
 180          SV       0   11.35   32.69      57  108.98  136.43
 181          SE   974.6     978     980     982     986     988
 182          SQ       0       0       0       0       0
 183          SE   974.6     978     980   987.3     988
1                                          HEC-1 INPUT                                                    PAGE  5

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

 184          ZZ
1
          SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE     (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.     (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

    26       254
                V
                V
    36       R254
                .
                .
    42          .       !254B
                .          .
                .          .
```

```
 53      CP254B............
             V
             V
 56       R254B
             .
             .
 62          .        269
             .          .
             .          .
 72       CP269............
             V
             V
 75        R269
             .
             .
 81          .       269B
             .           V
             .           V
 91          .       R269B
             .           .
             .           .
 97          .           .        268
             .           .          .
             .           .          .
106       CP268........................
             .
             .
119          .------->   D288B
109      DI2881
             V
             V
122        R268
             .
             .
128          .       288B
             .           .
             .           .
139      CP288B............
             .
             .
153          .------->   D288B
142      DI2882
             V
             V
156       R288B
             .
             .
162          .       !287B
             .           .
             .           .
173      CP287B............
             V
             V
176      !S287B
```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1****************************************
 *                                      *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
 *              JUN   1998              *
 *            VERSION 4.1               *
 *                                      *
 *  RUN DATE   10JUL07  TIME  09:16:19  *
 *                                      *
 ****************************************
```

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

10 - 23 - 0 1

**DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING **
**WATERSHED SUB BASINS **

BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL

REVISED BY URS DATE: 05-17-07
FILE: GOODREVD.DAT

```
 12 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        600  NUMBER OF HYDROGRAPH ORDINATES
                     NDDATE      3   0  ENDING DATE
                     NDTIME       0155  ENDING TIME
                      ICENT         19  CENTURY MARK
```

```
           COMPUTATION INTERVAL     .08 HOURS
                TOTAL TIME BASE   49.92 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

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

            **************
            *            *
 42 KK      *    !254B   *
            *            *
            **************

 43 KO           OUTPUT CONTROL VARIABLES
                       IPRNT          1  PRINT CONTROL
                       IPLOT          0  PLOT CONTROL
                       QSCAL         0.  HYDROGRAPH PLOT SCALE
                       IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                        IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                       ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                       ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                      TIMINT       .083  TIME INTERVAL IN HOURS

                           BASIN 254B
                            THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
                            L=        .3  Lca=       .2   S=    30.0  Kn= .050  LAG=  11.6
                            DESERT/RANGELAND S-GRAPH WAS USED FOR THE BASIN

 52 KO           OUTPUT CONTROL VARIABLES
                       IPRNT          1  PRINT CONTROL
                       IPLOT          0  PLOT CONTROL
                       QSCAL         0.  HYDROGRAPH PLOT SCALE
                       IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                        IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                       ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                       ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                      TIMINT       .083  TIME INTERVAL IN HOURS


               SUBBASIN RUNOFF DATA

 48 BA           SUBBASIN CHARACTERISTICS
                       TAREA        .13  SUBBASIN AREA

                 PRECIPITATION DATA

 15 PB                 STORM       3.79  BASIN TOTAL PRECIPITATION

 16 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
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .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
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                      .00      .00      .00      .00      .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 LG           GREEN AND AMPT LOSS RATE
                       STRTL        .35  STARTING LOSS
                         DTH        .35  MOISTURE DEFICIT
                        PSIF       4.65  WETTING FRONT SUCTION
                       XKSAT        .30  HYDRAULIC CONDUCTIVITY
                       RTIMP      20.70  PERCENT IMPERVIOUS AREA
```

44 UI INPUT UNITGRAPH, 8 ORDINATES, VOLUME = 1.03

90.0 310.0 326.0 167.0 79.0 36.0 15.0 9.0

***

HYDROGRAPH AT STATION !254B

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1		0000	1	.00	.00	.00	0.	2		0100	301	.00	.00	.00	0.
1		0005	2	.00	.00	.00	0.	2		0105	302	.00	.00	.00	0.
1		0010	3	.00	.00	.00	0.	2		0110	303	.00	.00	.00	0.
1		0015	4	.00	.00	.00	0.	2		0115	304	.00	.00	.00	0.
1		0020	5	.00	.00	.00	0.	2		0120	305	.00	.00	.00	0.
1		0025	6	.00	.00	.00	1.	2		0125	306	.00	.00	.00	0.
1		0030	7	.00	.00	.00	1.	2		0130	307	.00	.00	.00	0.
1		0035	8	.00	.00	.00	1.	2		0135	308	.00	.00	.00	0.
1		0040	9	.00	.00	.00	1.	2		0140	309	.00	.00	.00	0.
1		0045	10	.00	.00	.00	1.	2		0145	310	.00	.00	.00	0.
1		0050	11	.00	.00	.00	1.	2		0150	311	.00	.00	.00	0.
1		0055	12	.00	.00	.00	1.	2		0155	312	.00	.00	.00	0.
1		0100	13	.00	.00	.00	1.	2		0200	313	.00	.00	.00	0.
1		0105	14	.00	.00	.00	1.	2		0205	314	.00	.00	.00	0.
1		0110	15	.00	.00	.00	1.	2		0210	315	.00	.00	.00	0.
1		0115	16	.00	.00	.00	1.	2		0215	316	.00	.00	.00	0.
1		0120	17	.00	.00	.00	1.	2		0220	317	.00	.00	.00	0.
1		0125	18	.00	.00	.00	1.	2		0225	318	.00	.00	.00	0.
1		0130	19	.00	.00	.00	1.	2		0230	319	.00	.00	.00	0.
1		0135	20	.00	.00	.00	1.	2		0235	320	.00	.00	.00	0.
1		0140	21	.00	.00	.00	1.	2		0240	321	.00	.00	.00	0.
1		0145	22	.00	.00	.00	1.	2		0245	322	.00	.00	.00	0.
1		0150	23	.00	.00	.00	1.	2		0250	323	.00	.00	.00	0.
1		0155	24	.00	.00	.00	1.	2		0255	324	.00	.00	.00	0.
1		0200	25	.00	.00	.00	1.	2		0300	325	.00	.00	.00	0.
1		0205	26	.00	.00	.00	1.	2		0305	326	.00	.00	.00	0.
1		0210	27	.00	.00	.00	1.	2		0310	327	.00	.00	.00	0.
1		0215	28	.00	.00	.00	1.	2		0315	328	.00	.00	.00	0.
1		0220	29	.00	.00	.00	1.	2		0320	329	.00	.00	.00	0.
1		0225	30	.00	.00	.00	1.	2		0325	330	.00	.00	.00	0.
1		0230	31	.00	.00	.00	1.	2		0330	331	.00	.00	.00	0.
1		0235	32	.00	.00	.00	1.	2		0335	332	.00	.00	.00	0.
1		0240	33	.00	.00	.00	1.	2		0340	333	.00	.00	.00	0.
1		0245	34	.00	.00	.00	1.	2		0345	334	.00	.00	.00	0.
1		0250	35	.00	.00	.00	1.	2		0350	335	.00	.00	.00	0.
1		0255	36	.00	.00	.00	1.	2		0355	336	.00	.00	.00	0.
1		0300	37	.00	.00	.00	1.	2		0400	337	.00	.00	.00	0.
1		0305	38	.00	.00	.00	1.	2		0405	338	.00	.00	.00	0.
1		0310	39	.00	.00	.00	1.	2		0410	339	.00	.00	.00	0.
1		0315	40	.00	.00	.00	1.	2		0415	340	.00	.00	.00	0.
1		0320	41	.00	.00	.00	1.	2		0420	341	.00	.00	.00	0.
1		0325	42	.00	.00	.00	1.	2		0425	342	.00	.00	.00	0.
1		0330	43	.00	.00	.00	1.	2		0430	343	.00	.00	.00	0.
1		0335	44	.00	.00	.00	1.	2		0435	344	.00	.00	.00	0.
1		0340	45	.00	.00	.00	1.	2		0440	345	.00	.00	.00	0.
1		0345	46	.00	.00	.00	1.	2		0445	346	.00	.00	.00	0.
1		0350	47	.01	.00	.00	1.	2		0450	347	.00	.00	.00	0.
1		0355	48	.01	.00	.00	1.	2		0455	348	.00	.00	.00	0.
1		0400	49	.01	.00	.00	1.	2		0500	349	.00	.00	.00	0.
1		0405	50	.01	.00	.00	1.	2		0505	350	.00	.00	.00	0.
1		0410	51	.01	.00	.00	1.	2		0510	351	.00	.00	.00	0.
1		0415	52	.01	.00	.00	1.	2		0515	352	.00	.00	.00	0.
1		0420	53	.01	.00	.00	1.	2		0520	353	.00	.00	.00	0.
1		0425	54	.01	.00	.00	1.	2		0525	354	.00	.00	.00	0.
1		0430	55	.01	.00	.00	1.	2		0530	355	.00	.00	.00	0.
1		0435	56	.01	.00	.00	1.	2		0535	356	.00	.00	.00	0.
1		0440	57	.01	.00	.00	1.	2		0540	357	.00	.00	.00	0.
1		0445	58	.01	.00	.00	1.	2		0545	358	.00	.00	.00	0.
1		0450	59	.01	.00	.00	1.	2		0550	359	.00	.00	.00	0.
1		0455	60	.01	.00	.00	1.	2		0555	360	.00	.00	.00	0.
1		0500	61	.01	.00	.00	1.	2		0600	361	.00	.00	.00	0.
1		0505	62	.01	.00	.00	1.	2		0605	362	.00	.00	.00	0.
1		0510	63	.01	.00	.00	1.	2		0610	363	.00	.00	.00	0.
1		0515	64	.01	.00	.00	1.	2		0615	364	.00	.00	.00	0.
1		0520	65	.01	.00	.00	1.	2		0620	365	.00	.00	.00	0.
1		0525	66	.01	.00	.00	1.	2		0625	366	.00	.00	.00	0.
1		0530	67	.01	.00	.00	1.	2		0630	367	.00	.00	.00	0.
1		0535	68	.01	.00	.00	1.	2		0635	368	.00	.00	.00	0.
1		0540	69	.01	.00	.00	1.	2		0640	369	.00	.00	.00	0.
1		0545	70	.01	.00	.00	1.	2		0645	370	.00	.00	.00	0.
1		0550	71	.01	.00	.00	1.	2		0650	371	.00	.00	.00	0.
1		0555	72	.01	.00	.00	1.	2		0655	372	.00	.00	.00	0.
1		0600	73	.01	.00	.00	1.	2		0700	373	.00	.00	.00	0.
1		0605	74	.01	.01	.00	1.	2		0705	374	.00	.00	.00	0.
1		0610	75	.01	.01	.00	1.	2		0710	375	.00	.00	.00	0.
1		0615	76	.01	.01	.00	1.	2		0715	376	.00	.00	.00	0.
1		0620	77	.01	.01	.00	1.	2		0720	377	.00	.00	.00	0.
1		0625	78	.01	.01	.00	1.	2		0725	378	.00	.00	.00	0.
1		0630	79	.01	.01	.00	1.	2		0730	379	.00	.00	.00	0.
1		0635	80	.01	.01	.00	1.	2		0735	380	.00	.00	.00	0.
1		0640	81	.01	.01	.00	1.	2		0740	381	.00	.00	.00	0.

1	0645	82	.01	.01	.00	1.	*	2	0745	382	.00	.00	.00	0.
1	0650	83	.01	.01	.00	1.	*	2	0750	383	.00	.00	.00	0.
1	0655	84	.01	.01	.00	1.	*	2	0755	384	.00	.00	.00	0.
1	0700	85	.01	.01	.00	1.	*	2	0800	385	.00	.00	.00	0.
1	0705	86	.01	.01	.00	1.	*	2	0805	386	.00	.00	.00	0.
1	0710	87	.01	.01	.00	1.	*	2	0810	387	.00	.00	.00	0.
1	0715	88	.01	.01	.00	1.	*	2	0815	388	.00	.00	.00	0.
1	0720	89	.01	.01	.00	1.	*	2	0820	389	.00	.00	.00	0.
1	0725	90	.01	.01	.00	1.	*	2	0825	390	.00	.00	.00	0.
1	0730	91	.01	.01	.00	1.	*	2	0830	391	.00	.00	.00	0.
1	0735	92	.01	.01	.00	1.	*	2	0835	392	.00	.00	.00	0.
1	0740	93	.01	.01	.00	1.	*	2	0840	393	.00	.00	.00	0.
1	0745	94	.01	.01	.00	1.	*	2	0845	394	.00	.00	.00	0.
1	0750	95	.01	.01	.00	1.	*	2	0850	395	.00	.00	.00	0.
1	0755	96	.01	.01	.00	1.	*	2	0855	396	.00	.00	.00	0.
1	0800	97	.01	.01	.00	1.	*	2	0900	397	.00	.00	.00	0.
1	0805	98	.01	.01	.00	1.	*	2	0905	398	.00	.00	.00	0.
1	0810	99	.01	.01	.00	1.	*	2	0910	399	.00	.00	.00	0.
1	0815	100	.01	.01	.00	2.	*	2	0915	400	.00	.00	.00	0.
1	0820	101	.01	.01	.00	2.	*	2	0920	401	.00	.00	.00	0.
1	0825	102	.01	.01	.00	2.	*	2	0925	402	.00	.00	.00	0.
1	0830	103	.01	.01	.00	2.	*	2	0930	403	.00	.00	.00	0.
1	0835	104	.01	.01	.00	2.	*	2	0935	404	.00	.00	.00	0.
1	0840	105	.01	.01	.00	2.	*	2	0940	405	.00	.00	.00	0.
1	0845	106	.01	.01	.00	2.	*	2	0945	406	.00	.00	.00	0.
1	0850	107	.01	.01	.00	2.	*	2	0950	407	.00	.00	.00	0.
1	0855	108	.01	.01	.00	2.	*	2	0955	408	.00	.00	.00	0.
1	0900	109	.01	.01	.00	2.	*	2	1000	409	.00	.00	.00	0.
1	0905	110	.01	.01	.00	2.	*	2	1005	410	.00	.00	.00	0.
1	0910	111	.01	.01	.00	2.	*	2	1010	411	.00	.00	.00	0.
1	0915	112	.01	.01	.00	2.	*	2	1015	412	.00	.00	.00	0.
1	0920	113	.01	.01	.00	2.	*	2	1020	413	.00	.00	.00	0.
1	0925	114	.01	.01	.00	2.	*	2	1025	414	.00	.00	.00	0.
1	0930	115	.01	.01	.00	2.	*	2	1030	415	.00	.00	.00	0.
1	0935	116	.01	.01	.00	2.	*	2	1035	416	.00	.00	.00	0.
1	0940	117	.01	.01	.00	2.	*	2	1040	417	.00	.00	.00	0.
1	0945	118	.01	.01	.00	2.	*	2	1045	418	.00	.00	.00	0.
1	0950	119	.01	.01	.00	2.	*	2	1050	419	.00	.00	.00	0.
1	0955	120	.01	.01	.00	2.	*	2	1055	420	.00	.00	.00	0.
1	1000	121	.01	.01	.00	2.	*	2	1100	421	.00	.00	.00	0.
1	1005	122	.01	.01	.00	2.	*	2	1105	422	.00	.00	.00	0.
1	1010	123	.01	.01	.00	3.	*	2	1110	423	.00	.00	.00	0.
1	1015	124	.01	.01	.00	3.	*	2	1115	424	.00	.00	.00	0.
1	1020	125	.02	.01	.00	3.	*	2	1120	425	.00	.00	.00	0.
1	1025	126	.02	.01	.00	3.	*	2	1125	426	.00	.00	.00	0.
1	1030	127	.02	.01	.00	3.	*	2	1130	427	.00	.00	.00	0.
1	1035	128	.02	.02	.00	3.	*	2	1135	428	.00	.00	.00	0.
1	1040	129	.02	.02	.00	4.	*	2	1140	429	.00	.00	.00	0.
1	1045	130	.02	.02	.00	4.	*	2	1145	430	.00	.00	.00	0.
1	1050	131	.02	.02	.00	4.	*	2	1150	431	.00	.00	.00	0.
1	1055	132	.02	.02	.00	4.	*	2	1155	432	.00	.00	.00	0.
1	1100	133	.02	.02	.00	5.	*	2	1200	433	.00	.00	.00	0.
1	1105	134	.03	.02	.01	5.	*	2	1205	434	.00	.00	.00	0.
1	1110	135	.03	.02	.01	5.	*	2	1210	435	.00	.00	.00	0.
1	1115	136	.03	.02	.01	5.	*	2	1215	436	.00	.00	.00	0.
1	1120	137	.03	.03	.01	6.	*	2	1220	437	.00	.00	.00	0.
1	1125	138	.03	.03	.01	6.	*	2	1225	438	.00	.00	.00	0.
1	1130	139	.03	.03	.01	7.	*	2	1230	439	.00	.00	.00	0.
1	1135	140	.13	.06	.07	12.	*	2	1235	440	.00	.00	.00	0.
1	1140	141	.13	.06	.07	32.	*	2	1240	441	.00	.00	.00	0.
1	1145	142	.13	.06	.08	54.	*	2	1245	442	.00	.00	.00	0.
1	1150	143	.35	.05	.30	87.	*	2	1250	443	.00	.00	.00	0.
1	1155	144	.35	.05	.30	161.	*	2	1255	444	.00	.00	.00	0.
1	1200	145	.35	.05	.30	237.	*	2	1300	445	.00	.00	.00	0.
1	1205	146	.06	.04	.01	250.	*	2	1305	446	.00	.00	.00	0.
1	1210	147	.06	.04	.01	180.	*	2	1310	447	.00	.00	.00	0.
1	1215	148	.06	.04	.01	94.	*	2	1315	448	.00	.00	.00	0.
1	1220	149	.04	.03	.01	49.	*	2	1320	449	.00	.00	.00	0.
1	1225	150	.04	.03	.01	27.	*	2	1325	450	.00	.00	.00	0.
1	1230	151	.04	.03	.01	16.	*	2	1330	451	.00	.00	.00	0.
1	1235	152	.03	.02	.01	11.	*	2	1335	452	.00	.00	.00	0.
1	1240	153	.03	.02	.01	7.	*	2	1340	453	.00	.00	.00	0.
1	1245	154	.03	.02	.01	7.	*	2	1345	454	.00	.00	.00	0.
1	1250	155	.02	.02	.00	6.	*	2	1350	455	.00	.00	.00	0.
1	1255	156	.02	.02	.00	6.	*	2	1355	456	.00	.00	.00	0.
1	1300	157	.02	.02	.00	5.	*	2	1400	457	.00	.00	.00	0.
1	1305	158	.02	.02	.00	5.	*	2	1405	458	.00	.00	.00	0.
1	1310	159	.02	.02	.00	5.	*	2	1410	459	.00	.00	.00	0.
1	1315	160	.02	.02	.00	4.	*	2	1415	460	.00	.00	.00	0.
1	1320	161	.02	.01	.00	4.	*	2	1420	461	.00	.00	.00	0.
1	1325	162	.02	.01	.00	4.	*	2	1425	462	.00	.00	.00	0.
1	1330	163	.02	.01	.00	4.	*	2	1430	463	.00	.00	.00	0.
1	1335	164	.01	.01	.00	4.	*	2	1435	464	.00	.00	.00	0.
1	1340	165	.01	.01	.00	3.	*	2	1440	465	.00	.00	.00	0.
1	1345	166	.01	.01	.00	3.	*	2	1445	466	.00	.00	.00	0.
1	1350	167	.01	.01	.00	3.	*	2	1450	467	.00	.00	.00	0.
1	1355	168	.01	.01	.00	3.	*	2	1455	468	.00	.00	.00	0.
1	1400	169	.01	.01	.00	3.	*	2	1500	469	.00	.00	.00	0.
1	1405	170	.01	.01	.00	3.	*	2	1505	470	.00	.00	.00	0.
1	1410	171	.01	.01	.00	3.	*	2	1510	471	.00	.00	.00	0.
1	1415	172	.01	.01	.00	3.	*	2	1515	472	.00	.00	.00	0.
1	1420	173	.01	.01	.00	2.	*	2	1520	473	.00	.00	.00	0.
1	1425	174	.01	.01	.00	2.	*	2	1525	474	.00	.00	.00	0.
1	1430	175	.01	.01	.00	2.	*	2	1530	475	.00	.00	.00	0.
1	1435	176	.01	.01	.00	2.	*	2	1535	476	.00	.00	.00	0.

1	1440	177	.01	.01	.00	2.	*	2	1540	477	.00	.00	.00	0.
1	1445	178	.01	.01	.00	2.	*	2	1545	478	.00	.00	.00	0.
1	1450	179	.01	.01	.00	2.	*	2	1550	479	.00	.00	.00	0.
1	1455	180	.01	.01	.00	2.	*	2	1555	480	.00	.00	.00	0.
1	1500	181	.01	.01	.00	2.	*	2	1600	481	.00	.00	.00	0.
1	1505	182	.01	.01	.00	2.	*	2	1605	482	.00	.00	.00	0.
1	1510	183	.01	.01	.00	2.	*	2	1610	483	.00	.00	.00	0.
1	1515	184	.01	.01	.00	2.	*	2	1615	484	.00	.00	.00	0.
1	1520	185	.01	.01	.00	2.	*	2	1620	485	.00	.00	.00	0.
1	1525	186	.01	.01	.00	2.	*	2	1625	486	.00	.00	.00	0.
1	1530	187	.01	.01	.00	2.	*	2	1630	487	.00	.00	.00	0.
1	1535	188	.01	.01	.00	2.	*	2	1635	488	.00	.00	.00	0.
1	1540	189	.01	.01	.00	2.	*	2	1640	489	.00	.00	.00	0.
1	1545	190	.01	.01	.00	2.	*	2	1645	490	.00	.00	.00	0.
1	1550	191	.01	.01	.00	2.	*	2	1650	491	.00	.00	.00	0.
1	1555	192	.01	.01	.00	2.	*	2	1655	492	.00	.00	.00	0.
1	1600	193	.01	.01	.00	2.	*	2	1700	493	.00	.00	.00	0.
1	1605	194	.01	.01	.00	2.	*	2	1705	494	.00	.00	.00	0.
1	1610	195	.01	.01	.00	2.	*	2	1710	495	.00	.00	.00	0.
1	1615	196	.01	.01	.00	2.	*	2	1715	496	.00	.00	.00	0.
1	1620	197	.01	.01	.00	2.	*	2	1720	497	.00	.00	.00	0.
1	1625	198	.01	.01	.00	2.	*	2	1725	498	.00	.00	.00	0.
1	1630	199	.01	.01	.00	2.	*	2	1730	499	.00	.00	.00	0.
1	1635	200	.01	.01	.00	2.	*	2	1735	500	.00	.00	.00	0.
1	1640	201	.01	.01	.00	2.	*	2	1740	501	.00	.00	.00	0.
1	1645	202	.01	.01	.00	1.	*	2	1745	502	.00	.00	.00	0.
1	1650	203	.01	.01	.00	1.	*	2	1750	503	.00	.00	.00	0.
1	1655	204	.01	.01	.00	1.	*	2	1755	504	.00	.00	.00	0.
1	1700	205	.01	.01	.00	1.	*	2	1800	505	.00	.00	.00	0.
1	1705	206	.01	.01	.00	1.	*	2	1805	506	.00	.00	.00	0.
1	1710	207	.01	.01	.00	1.	*	2	1810	507	.00	.00	.00	0.
1	1715	208	.01	.01	.00	1.	*	2	1815	508	.00	.00	.00	0.
1	1720	209	.01	.01	.00	1.	*	2	1820	509	.00	.00	.00	0.
1	1725	210	.01	.01	.00	1.	*	2	1825	510	.00	.00	.00	0.
1	1730	211	.01	.01	.00	1.	*	2	1830	511	.00	.00	.00	0.
1	1735	212	.01	.01	.00	1.	*	2	1835	512	.00	.00	.00	0.
1	1740	213	.01	.01	.00	1.	*	2	1840	513	.00	.00	.00	0.
1	1745	214	.01	.01	.00	1.	*	2	1845	514	.00	.00	.00	0.
1	1750	215	.01	.00	.00	1.	*	2	1850	515	.00	.00	.00	0.
1	1755	216	.01	.00	.00	1.	*	2	1855	516	.00	.00	.00	0.
1	1800	217	.01	.00	.00	1.	*	2	1900	517	.00	.00	.00	0.
1	1805	218	.01	.00	.00	1.	*	2	1905	518	.00	.00	.00	0.
1	1810	219	.01	.00	.00	1.	*	2	1910	519	.00	.00	.00	0.
1	1815	220	.01	.00	.00	1.	*	2	1915	520	.00	.00	.00	0.
1	1820	221	.01	.00	.00	1.	*	2	1920	521	.00	.00	.00	0.
1	1825	222	.01	.00	.00	1.	*	2	1925	522	.00	.00	.00	0.
1	1830	223	.01	.00	.00	1.	*	2	1930	523	.00	.00	.00	0.
1	1835	224	.01	.00	.00	1.	*	2	1935	524	.00	.00	.00	0.
1	1840	225	.01	.00	.00	1.	*	2	1940	525	.00	.00	.00	0.
1	1845	226	.01	.00	.00	1.	*	2	1945	526	.00	.00	.00	0.
1	1850	227	.01	.00	.00	1.	*	2	1950	527	.00	.00	.00	0.
1	1855	228	.01	.00	.00	1.	*	2	1955	528	.00	.00	.00	0.
1	1900	229	.01	.00	.00	1.	*	2	2000	529	.00	.00	.00	0.
1	1905	230	.01	.00	.00	1.	*	2	2005	530	.00	.00	.00	0.
1	1910	231	.01	.00	.00	1.	*	2	2010	531	.00	.00	.00	0.
1	1915	232	.01	.00	.00	1.	*	2	2015	532	.00	.00	.00	0.
1	1920	233	.01	.00	.00	1.	*	2	2020	533	.00	.00	.00	0.
1	1925	234	.01	.00	.00	1.	*	2	2025	534	.00	.00	.00	0.
1	1930	235	.01	.00	.00	1.	*	2	2030	535	.00	.00	.00	0.
1	1935	236	.01	.00	.00	1.	*	2	2035	536	.00	.00	.00	0.
1	1940	237	.01	.00	.00	1.	*	2	2040	537	.00	.00	.00	0.
1	1945	238	.01	.00	.00	1.	*	2	2045	538	.00	.00	.00	0.
1	1950	239	.00	.00	.00	1.	*	2	2050	539	.00	.00	.00	0.
1	1955	240	.00	.00	.00	1.	*	2	2055	540	.00	.00	.00	0.
1	2000	241	.00	.00	.00	1.	*	2	2100	541	.00	.00	.00	0.
1	2005	242	.00	.00	.00	1.	*	2	2105	542	.00	.00	.00	0.
1	2010	243	.00	.00	.00	1.	*	2	2110	543	.00	.00	.00	0.
1	2015	244	.00	.00	.00	1.	*	2	2115	544	.00	.00	.00	0.
1	2020	245	.00	.00	.00	1.	*	2	2120	545	.00	.00	.00	0.
1	2025	246	.00	.00	.00	1.	*	2	2125	546	.00	.00	.00	0.
1	2030	247	.00	.00	.00	1.	*	2	2130	547	.00	.00	.00	0.
1	2035	248	.00	.00	.00	1.	*	2	2135	548	.00	.00	.00	0.
1	2040	249	.00	.00	.00	1.	*	2	2140	549	.00	.00	.00	0.
1	2045	250	.00	.00	.00	1.	*	2	2145	550	.00	.00	.00	0.
1	2050	251	.00	.00	.00	1.	*	2	2150	551	.00	.00	.00	0.
1	2055	252	.00	.00	.00	1.	*	2	2155	552	.00	.00	.00	0.
1	2100	253	.00	.00	.00	1.	*	2	2200	553	.00	.00	.00	0.
1	2105	254	.00	.00	.00	1.	*	2	2205	554	.00	.00	.00	0.
1	2110	255	.00	.00	.00	1.	*	2	2210	555	.00	.00	.00	0.
1	2115	256	.00	.00	.00	1.	*	2	2215	556	.00	.00	.00	0.
1	2120	257	.00	.00	.00	1.	*	2	2220	557	.00	.00	.00	0.
1	2125	258	.00	.00	.00	1.	*	2	2225	558	.00	.00	.00	0.
1	2130	259	.00	.00	.00	1.	*	2	2230	559	.00	.00	.00	0.
1	2135	260	.00	.00	.00	1.	*	2	2235	560	.00	.00	.00	0.
1	2140	261	.00	.00	.00	1.	*	2	2240	561	.00	.00	.00	0.
1	2145	262	.00	.00	.00	1.	*	2	2245	562	.00	.00	.00	0.
1	2150	263	.00	.00	.00	1.	*	2	2250	563	.00	.00	.00	0.
1	2155	264	.00	.00	.00	1.	*	2	2255	564	.00	.00	.00	0.
1	2200	265	.00	.00	.00	1.	*	2	2300	565	.00	.00	.00	0.
1	2205	266	.00	.00	.00	1.	*	2	2305	566	.00	.00	.00	0.
1	2210	267	.00	.00	.00	1.	*	2	2310	567	.00	.00	.00	0.
1	2215	268	.00	.00	.00	1.	*	2	2315	568	.00	.00	.00	0.
1	2220	269	.00	.00	.00	1.	*	2	2320	569	.00	.00	.00	0.
1	2225	270	.00	.00	.00	1.	*	2	2325	570	.00	.00	.00	0.
1	2230	271	.00	.00	.00	1.	*	2	2330	571	.00	.00	.00	0.

1	2235	272	.00	.00	.00	1.	*	2	2335	572	.00	.00	.00	0.
1	2240	273	.00	.00	.00	1.	*	2	2340	573	.00	.00	.00	0.
1	2245	274	.00	.00	.00	1.	*	2	2345	574	.00	.00	.00	0.
1	2250	275	.00	.00	.00	1.	*	2	2350	575	.00	.00	.00	0.
1	2255	276	.00	.00	.00	1.	*	2	2355	576	.00	.00	.00	0.
1	2300	277	.00	.00	.00	1.	*	3	0000	577	.00	.00	.00	0.
1	2305	278	.00	.00	.00	1.	*	3	0005	578	.00	.00	.00	0.
1	2310	279	.00	.00	.00	1.	*	3	0010	579	.00	.00	.00	0.
1	2315	280	.00	.00	.00	1.	*	3	0015	580	.00	.00	.00	0.
1	2320	281	.00	.00	.00	1.	*	3	0020	581	.00	.00	.00	0.
1	2325	282	.00	.00	.00	1.	*	3	0025	582	.00	.00	.00	0.
1	2330	283	.00	.00	.00	1.	*	3	0030	583	.00	.00	.00	0.
1	2335	284	.00	.00	.00	1.	*	3	0035	584	.00	.00	.00	0.
1	2340	285	.00	.00	.00	1.	*	3	0040	585	.00	.00	.00	0.
1	2345	286	.00	.00	.00	1.	*	3	0045	586	.00	.00	.00	0.
1	2350	287	.00	.00	.00	1.	*	3	0050	587	.00	.00	.00	0.
1	2355	288	.00	.00	.00	1.	*	3	0055	588	.00	.00	.00	0.
2	0000	289	.00	.00	.00	1.	*	3	0100	589	.00	.00	.00	0.
2	0005	290	.00	.00	.00	1.	*	3	0105	590	.00	.00	.00	0.
2	0010	291	.00	.00	.00	0.	*	3	0110	591	.00	.00	.00	0.
2	0015	292	.00	.00	.00	0.	*	3	0115	592	.00	.00	.00	0.
2	0020	293	.00	.00	.00	0.	*	3	0120	593	.00	.00	.00	0.
2	0025	294	.00	.00	.00	0.	*	3	0125	594	.00	.00	.00	0.
2	0030	295	.00	.00	.00	0.	*	3	0130	595	.00	.00	.00	0.
2	0035	296	.00	.00	.00	0.	*	3	0135	596	.00	.00	.00	0.
2	0040	297	.00	.00	.00	0.	*	3	0140	597	.00	.00	.00	0.
2	0045	298	.00	.00	.00	0.	*	3	0145	598	.00	.00	.00	0.
2	0050	299	.00	.00	.00	0.	*	3	0150	599	.00	.00	.00	0.
2	0055	300	.00	.00	.00	0.	*	3	0155	600	.00	.00	.00	0.
							*							

****

TOTAL RAINFALL = 3.79, TOTAL LOSS = 2.19, TOTAL EXCESS = 1.60

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 250.	12.08		20.	6.	3.	3.
		(INCHES)	1.404	1.638	1.638	1.638
		(AC-FT)	10.	11.	11.	11.

CUMULATIVE AREA = .13 SQ MI

*** ***

```
              **************
              *            *
  162 KK      *     !287B  *
              *            *
              **************

  163 KO          OUTPUT CONTROL VARIABLES
                        IPRNT          1  PRINT CONTROL
                        IPLOT          0  PLOT CONTROL
                        QSCAL         0.  HYDROGRAPH PLOT SCALE
                        IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                         IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                        ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                        ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                       TIMINT       .083  TIME INTERVAL IN HOURS

                           BASIN 287B
                            THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
                            L=       .5  Lca=       .2   S=   36.2  Kn= .066  LAG=  21.0
                            AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN

                SUBBASIN RUNOFF DATA

  168 BA          SUBBASIN CHARACTERISTICS
                        TAREA        .10  SUBBASIN AREA

                  PRECIPITATION DATA

   15 PB                STORM       3.79  BASIN TOTAL PRECIPITATION

   16 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
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00       .00       .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
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

```
169 LG          GREEN AND AMPT LOSS RATE
                     STRTL        .23  STARTING LOSS
                       DTH        .21  MOISTURE DEFICIT
                      PSIF       4.65  WETTING FRONT SUCTION
                     XKSAT        .48  HYDRAULIC CONDUCTIVITY
                     RTIMP      55.70  PERCENT IMPERVIOUS AREA

164 UI          INPUT UNITGRAPH,  18 ORDINATES,  VOLUME = 1.00
                     20.0      71.0     119.0     148.0     130.0     103.0      63.0      44.0      25.0      17.0
                     11.0       8.0       2.0       2.0       2.0       2.0       2.0       2.0
                                                          ***
```

****

HYDROGRAPH AT STATION !287B

****

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1		0000	1	.00	.00	.00	0.	*	2		0100	301	.00	.00	.00	0.
1		0005	2	.00	.00	.00	0.	*	2		0105	302	.00	.00	.00	0.
1		0010	3	.00	.00	.00	0.	*	2		0110	303	.00	.00	.00	0.
1		0015	4	.00	.00	.00	0.	*	2		0115	304	.00	.00	.00	0.
1		0020	5	.00	.00	.00	1.	*	2		0120	305	.00	.00	.00	0.
1		0025	6	.00	.00	.00	1.	*	2		0125	306	.00	.00	.00	0.
1		0030	7	.00	.00	.00	1.	*	2		0130	307	.00	.00	.00	0.
1		0035	8	.00	.00	.00	1.	*	2		0135	308	.00	.00	.00	0.
1		0040	9	.00	.00	.00	1.	*	2		0140	309	.00	.00	.00	0.
1		0045	10	.00	.00	.00	1.	*	2		0145	310	.00	.00	.00	0.
1		0050	11	.00	.00	.00	2.	*	2		0150	311	.00	.00	.00	0.
1		0055	12	.00	.00	.00	2.	*	2		0155	312	.00	.00	.00	0.
1		0100	13	.00	.00	.00	2.	*	2		0200	313	.00	.00	.00	0.
1		0105	14	.00	.00	.00	2.	*	2		0205	314	.00	.00	.00	0.
1		0110	15	.00	.00	.00	2.	*	2		0210	315	.00	.00	.00	0.
1		0115	16	.00	.00	.00	2.	*	2		0215	316	.00	.00	.00	0.
1		0120	17	.00	.00	.00	2.	*	2		0220	317	.00	.00	.00	0.
1		0125	18	.00	.00	.00	2.	*	2		0225	318	.00	.00	.00	0.
1		0130	19	.00	.00	.00	2.	*	2		0230	319	.00	.00	.00	0.
1		0135	20	.00	.00	.00	2.	*	2		0235	320	.00	.00	.00	0.
1		0140	21	.00	.00	.00	2.	*	2		0240	321	.00	.00	.00	0.
1		0145	22	.00	.00	.00	2.	*	2		0245	322	.00	.00	.00	0.
1		0150	23	.00	.00	.00	2.	*	2		0250	323	.00	.00	.00	0.
1		0155	24	.00	.00	.00	2.	*	2		0255	324	.00	.00	.00	0.
1		0200	25	.00	.00	.00	2.	*	2		0300	325	.00	.00	.00	0.
1		0205	26	.00	.00	.00	2.	*	2		0305	326	.00	.00	.00	0.
1		0210	27	.00	.00	.00	2.	*	2		0310	327	.00	.00	.00	0.
1		0215	28	.00	.00	.00	2.	*	2		0315	328	.00	.00	.00	0.
1		0220	29	.00	.00	.00	2.	*	2		0320	329	.00	.00	.00	0.
1		0225	30	.00	.00	.00	2.	*	2		0325	330	.00	.00	.00	0.
1		0230	31	.00	.00	.00	2.	*	2		0330	331	.00	.00	.00	0.
1		0235	32	.00	.00	.00	2.	*	2		0335	332	.00	.00	.00	0.
1		0240	33	.00	.00	.00	2.	*	2		0340	333	.00	.00	.00	0.
1		0245	34	.00	.00	.00	2.	*	2		0345	334	.00	.00	.00	0.
1		0250	35	.00	.00	.00	2.	*	2		0350	335	.00	.00	.00	0.
1		0255	36	.00	.00	.00	2.	*	2		0355	336	.00	.00	.00	0.
1		0300	37	.00	.00	.00	2.	*	2		0400	337	.00	.00	.00	0.
1		0305	38	.00	.00	.00	2.	*	2		0405	338	.00	.00	.00	0.
1		0310	39	.00	.00	.00	2.	*	2		0410	339	.00	.00	.00	0.
1		0315	40	.00	.00	.00	2.	*	2		0415	340	.00	.00	.00	0.
1		0320	41	.00	.00	.00	2.	*	2		0420	341	.00	.00	.00	0.
1		0325	42	.00	.00	.00	2.	*	2		0425	342	.00	.00	.00	0.
1		0330	43	.00	.00	.00	2.	*	2		0430	343	.00	.00	.00	0.
1		0335	44	.00	.00	.00	2.	*	2		0435	344	.00	.00	.00	0.
1		0340	45	.00	.00	.00	2.	*	2		0440	345	.00	.00	.00	0.
1		0345	46	.00	.00	.00	2.	*	2		0445	346	.00	.00	.00	0.
1		0350	47	.01	.00	.00	2.	*	2		0450	347	.00	.00	.00	0.
1		0355	48	.01	.00	.00	2.	*	2		0455	348	.00	.00	.00	0.
1		0400	49	.01	.00	.00	2.	*	2		0500	349	.00	.00	.00	0.
1		0405	50	.01	.00	.00	2.	*	2		0505	350	.00	.00	.00	0.
1		0410	51	.01	.00	.00	2.	*	2		0510	351	.00	.00	.00	0.
1		0415	52	.01	.00	.00	2.	*	2		0515	352	.00	.00	.00	0.
1		0420	53	.01	.00	.00	2.	*	2		0520	353	.00	.00	.00	0.
1		0425	54	.01	.00	.00	2.	*	2		0525	354	.00	.00	.00	0.
1		0430	55	.01	.00	.00	2.	*	2		0530	355	.00	.00	.00	0.
1		0435	56	.01	.00	.00	2.	*	2		0535	356	.00	.00	.00	0.
1		0440	57	.01	.00	.00	2.	*	2		0540	357	.00	.00	.00	0.
1		0445	58	.01	.00	.00	2.	*	2		0545	358	.00	.00	.00	0.

1	0450	59	.01	.00	.00	2.	*	2	0550	359	.00	.00	.00	0.
1	0455	60	.01	.00	.00	2.	*	2	0555	360	.00	.00	.00	0.
1	0500	61	.01	.00	.00	2.	*	2	0600	361	.00	.00	.00	0.
1	0505	62	.01	.00	.00	2.	*	2	0605	362	.00	.00	.00	0.
1	0510	63	.01	.00	.00	2.	*	2	0610	363	.00	.00	.00	0.
1	0515	64	.01	.00	.00	2.	*	2	0615	364	.00	.00	.00	0.
1	0520	65	.01	.00	.00	2.	*	2	0620	365	.00	.00	.00	0.
1	0525	66	.01	.00	.00	2.	*	2	0625	366	.00	.00	.00	0.
1	0530	67	.01	.00	.00	2.	*	2	0630	367	.00	.00	.00	0.
1	0535	68	.01	.00	.00	2.	*	2	0635	368	.00	.00	.00	0.
1	0540	69	.01	.00	.00	2.	*	2	0640	369	.00	.00	.00	0.
1	0545	70	.01	.00	.00	2.	*	2	0645	370	.00	.00	.00	0.
1	0550	71	.01	.00	.00	2.	*	2	0650	371	.00	.00	.00	0.
1	0555	72	.01	.00	.00	2.	*	2	0655	372	.00	.00	.00	0.
1	0600	73	.01	.00	.00	2.	*	2	0700	373	.00	.00	.00	0.
1	0605	74	.01	.00	.00	2.	*	2	0705	374	.00	.00	.00	0.
1	0610	75	.01	.00	.00	2.	*	2	0710	375	.00	.00	.00	0.
1	0615	76	.01	.00	.00	2.	*	2	0715	376	.00	.00	.00	0.
1	0620	77	.01	.00	.00	2.	*	2	0720	377	.00	.00	.00	0.
1	0625	78	.01	.00	.00	3.	*	2	0725	378	.00	.00	.00	0.
1	0630	79	.01	.00	.00	3.	*	2	0730	379	.00	.00	.00	0.
1	0635	80	.01	.00	.00	3.	*	2	0735	380	.00	.00	.00	0.
1	0640	81	.01	.00	.00	3.	*	2	0740	381	.00	.00	.00	0.
1	0645	82	.01	.00	.00	3.	*	2	0745	382	.00	.00	.00	0.
1	0650	83	.01	.00	.00	3.	*	2	0750	383	.00	.00	.00	0.
1	0655	84	.01	.00	.00	3.	*	2	0755	384	.00	.00	.00	0.
1	0700	85	.01	.00	.00	3.	*	2	0800	385	.00	.00	.00	0.
1	0705	86	.01	.00	.00	3.	*	2	0805	386	.00	.00	.00	0.
1	0710	87	.01	.00	.00	3.	*	2	0810	387	.00	.00	.00	0.
1	0715	88	.01	.00	.00	3.	*	2	0815	388	.00	.00	.00	0.
1	0720	89	.01	.00	.00	3.	*	2	0820	389	.00	.00	.00	0.
1	0725	90	.01	.00	.00	3.	*	2	0825	390	.00	.00	.00	0.
1	0730	91	.01	.00	.00	3.	*	2	0830	391	.00	.00	.00	0.
1	0735	92	.01	.00	.00	3.	*	2	0835	392	.00	.00	.00	0.
1	0740	93	.01	.00	.00	3.	*	2	0840	393	.00	.00	.00	0.
1	0745	94	.01	.00	.00	3.	*	2	0845	394	.00	.00	.00	0.
1	0750	95	.01	.00	.00	3.	*	2	0850	395	.00	.00	.00	0.
1	0755	96	.01	.00	.00	3.	*	2	0855	396	.00	.00	.00	0.
1	0800	97	.01	.00	.00	3.	*	2	0900	397	.00	.00	.00	0.
1	0805	98	.01	.00	.00	3.	*	2	0905	398	.00	.00	.00	0.
1	0810	99	.01	.00	.00	3.	*	2	0910	399	.00	.00	.00	0.
1	0815	100	.01	.00	.00	3.	*	2	0915	400	.00	.00	.00	0.
1	0820	101	.01	.00	.00	3.	*	2	0920	401	.00	.00	.00	0.
1	0825	102	.01	.00	.00	3.	*	2	0925	402	.00	.00	.00	0.
1	0830	103	.01	.00	.00	3.	*	2	0930	403	.00	.00	.00	0.
1	0835	104	.01	.00	.00	3.	*	2	0935	404	.00	.00	.00	0.
1	0840	105	.01	.00	.00	4.	*	2	0940	405	.00	.00	.00	0.
1	0845	106	.01	.00	.00	4.	*	2	0945	406	.00	.00	.00	0.
1	0850	107	.01	.00	.00	4.	*	2	0950	407	.00	.00	.00	0.
1	0855	108	.01	.00	.00	4.	*	2	0955	408	.00	.00	.00	0.
1	0900	109	.01	.00	.00	4.	*	2	1000	409	.00	.00	.00	0.
1	0905	110	.01	.00	.01	4.	*	2	1005	410	.00	.00	.00	0.
1	0910	111	.01	.00	.01	4.	*	2	1010	411	.00	.00	.00	0.
1	0915	112	.01	.00	.01	4.	*	2	1015	412	.00	.00	.00	0.
1	0920	113	.01	.00	.01	4.	*	2	1020	413	.00	.00	.00	0.
1	0925	114	.01	.00	.01	4.	*	2	1025	414	.00	.00	.00	0.
1	0930	115	.01	.00	.01	4.	*	2	1030	415	.00	.00	.00	0.
1	0935	116	.01	.01	.01	4.	*	2	1035	416	.00	.00	.00	0.
1	0940	117	.01	.01	.01	4.	*	2	1040	417	.00	.00	.00	0.
1	0945	118	.01	.01	.01	4.	*	2	1045	418	.00	.00	.00	0.
1	0950	119	.01	.01	.01	5.	*	2	1050	419	.00	.00	.00	0.
1	0955	120	.01	.01	.01	5.	*	2	1055	420	.00	.00	.00	0.
1	1000	121	.01	.01	.01	5.	*	2	1100	421	.00	.00	.00	0.
1	1005	122	.01	.01	.01	5.	*	2	1105	422	.00	.00	.00	0.
1	1010	123	.01	.01	.01	5.	*	2	1110	423	.00	.00	.00	0.
1	1015	124	.01	.01	.01	5.	*	2	1115	424	.00	.00	.00	0.
1	1020	125	.02	.01	.01	5.	*	2	1120	425	.00	.00	.00	0.
1	1025	126	.02	.01	.01	5.	*	2	1125	426	.00	.00	.00	0.
1	1030	127	.02	.01	.01	6.	*	2	1130	427	.00	.00	.00	0.
1	1035	128	.02	.01	.01	6.	*	2	1135	428	.00	.00	.00	0.
1	1040	129	.02	.01	.01	6.	*	2	1140	429	.00	.00	.00	0.
1	1045	130	.02	.01	.01	7.	*	2	1145	430	.00	.00	.00	0.
1	1050	131	.02	.01	.01	7.	*	2	1150	431	.00	.00	.00	0.
1	1055	132	.02	.01	.01	8.	*	2	1155	432	.00	.00	.00	0.
1	1100	133	.02	.01	.01	8.	*	2	1200	433	.00	.00	.00	0.
1	1105	134	.03	.01	.01	9.	*	2	1205	434	.00	.00	.00	0.
1	1110	135	.03	.01	.01	9.	*	2	1210	435	.00	.00	.00	0.
1	1115	136	.03	.01	.01	10.	*	2	1215	436	.00	.00	.00	0.
1	1120	137	.03	.01	.02	10.	*	2	1220	437	.00	.00	.00	0.
1	1125	138	.03	.01	.02	11.	*	2	1225	438	.00	.00	.00	0.
1	1130	139	.03	.01	.02	12.	*	2	1230	439	.00	.00	.00	0.
1	1135	140	.13	.04	.09	14.	*	2	1235	440	.00	.00	.00	0.
1	1140	141	.13	.04	.10	20.	*	2	1240	441	.00	.00	.00	0.
1	1145	142	.13	.03	.10	29.	*	2	1245	442	.00	.00	.00	0.
1	1150	143	.35	.03	.32	46.	*	2	1250	443	.00	.00	.00	0.
1	1155	144	.35	.03	.32	72.	*	2	1255	444	.00	.00	.00	0.
1	1200	145	.35	.03	.32	106.	*	2	1300	445	.00	.00	.00	0.
1	1205	146	.06	.02	.03	138.	*	2	1305	446	.00	.00	.00	0.
1	1210	147	.06	.02	.03	150.	*	2	1310	447	.00	.00	.00	0.
1	1215	148	.06	.02	.03	141.	*	2	1315	448	.00	.00	.00	0.
1	1220	149	.04	.02	.02	113.	*	2	1320	449	.00	.00	.00	0.
1	1225	150	.04	.02	.02	86.	*	2	1325	450	.00	.00	.00	0.
1	1230	151	.04	.02	.02	61.	*	2	1330	451	.00	.00	.00	0.
1	1235	152	.03	.01	.02	46.	*	2	1335	452	.00	.00	.00	0.
1	1240	153	.03	.01	.02	34.	*	2	1340	453	.00	.00	.00	0.

1	1245	154	.03	.01	.02	27.	*	2	1345	454	.00	.00	.00	0.
1	1250	155	.02	.01	.01	22.	*	2	1350	455	.00	.00	.00	0.
1	1255	156	.02	.01	.01	18.	*	2	1355	456	.00	.00	.00	0.
1	1300	157	.02	.01	.01	15.	*	2	1400	457	.00	.00	.00	0.
1	1305	158	.02	.01	.01	14.	*	2	1405	458	.00	.00	.00	0.
1	1310	159	.02	.01	.01	13.	*	2	1410	459	.00	.00	.00	0.
1	1315	160	.02	.01	.01	12.	*	2	1415	460	.00	.00	.00	0.
1	1320	161	.02	.01	.01	11.	*	2	1420	461	.00	.00	.00	0.
1	1325	162	.02	.01	.01	10.	*	2	1425	462	.00	.00	.00	0.
1	1330	163	.02	.01	.01	9.	*	2	1430	463	.00	.00	.00	0.
1	1335	164	.01	.01	.01	8.	*	2	1435	464	.00	.00	.00	0.
1	1340	165	.01	.01	.01	8.	*	2	1440	465	.00	.00	.00	0.
1	1345	166	.01	.01	.01	7.	*	2	1445	466	.00	.00	.00	0.
1	1350	167	.01	.01	.01	7.	*	2	1450	467	.00	.00	.00	0.
1	1355	168	.01	.01	.01	6.	*	2	1455	468	.00	.00	.00	0.
1	1400	169	.01	.01	.01	6.	*	2	1500	469	.00	.00	.00	0.
1	1405	170	.01	.01	.01	6.	*	2	1505	470	.00	.00	.00	0.
1	1410	171	.01	.01	.01	6.	*	2	1510	471	.00	.00	.00	0.
1	1415	172	.01	.01	.01	6.	*	2	1515	472	.00	.00	.00	0.
1	1420	173	.01	.00	.01	5.	*	2	1520	473	.00	.00	.00	0.
1	1425	174	.01	.00	.01	5.	*	2	1525	474	.00	.00	.00	0.
1	1430	175	.01	.00	.01	5.	*	2	1530	475	.00	.00	.00	0.
1	1435	176	.01	.00	.00	5.	*	2	1535	476	.00	.00	.00	0.
1	1440	177	.01	.00	.00	5.	*	2	1540	477	.00	.00	.00	0.
1	1445	178	.01	.00	.00	4.	*	2	1545	478	.00	.00	.00	0.
1	1450	179	.01	.00	.00	4.	*	2	1550	479	.00	.00	.00	0.
1	1455	180	.01	.00	.00	4.	*	2	1555	480	.00	.00	.00	0.
1	1500	181	.01	.00	.00	4.	*	2	1600	481	.00	.00	.00	0.
1	1505	182	.01	.00	.00	4.	*	2	1605	482	.00	.00	.00	0.
1	1510	183	.01	.00	.00	4.	*	2	1610	483	.00	.00	.00	0.
1	1515	184	.01	.00	.00	4.	*	2	1615	484	.00	.00	.00	0.
1	1520	185	.01	.00	.00	4.	*	2	1620	485	.00	.00	.00	0.
1	1525	186	.01	.00	.00	4.	*	2	1625	486	.00	.00	.00	0.
1	1530	187	.01	.00	.00	4.	*	2	1630	487	.00	.00	.00	0.
1	1535	188	.01	.00	.00	4.	*	2	1635	488	.00	.00	.00	0.
1	1540	189	.01	.00	.00	3.	*	2	1640	489	.00	.00	.00	0.
1	1545	190	.01	.00	.00	3.	*	2	1645	490	.00	.00	.00	0.
1	1550	191	.01	.00	.00	3.	*	2	1650	491	.00	.00	.00	0.
1	1555	192	.01	.00	.00	3.	*	2	1655	492	.00	.00	.00	0.
1	1600	193	.01	.00	.00	3.	*	2	1700	493	.00	.00	.00	0.
1	1605	194	.01	.00	.00	3.	*	2	1705	494	.00	.00	.00	0.
1	1610	195	.01	.00	.00	3.	*	2	1710	495	.00	.00	.00	0.
1	1615	196	.01	.00	.00	3.	*	2	1715	496	.00	.00	.00	0.
1	1620	197	.01	.00	.00	3.	*	2	1720	497	.00	.00	.00	0.
1	1625	198	.01	.00	.00	3.	*	2	1725	498	.00	.00	.00	0.
1	1630	199	.01	.00	.00	3.	*	2	1730	499	.00	.00	.00	0.
1	1635	200	.01	.00	.00	3.	*	2	1735	500	.00	.00	.00	0.
1	1640	201	.01	.00	.00	3.	*	2	1740	501	.00	.00	.00	0.
1	1645	202	.01	.00	.00	3.	*	2	1745	502	.00	.00	.00	0.
1	1650	203	.01	.00	.00	3.	*	2	1750	503	.00	.00	.00	0.
1	1655	204	.01	.00	.00	3.	*	2	1755	504	.00	.00	.00	0.
1	1700	205	.01	.00	.00	3.	*	2	1800	505	.00	.00	.00	0.
1	1705	206	.01	.00	.00	3.	*	2	1805	506	.00	.00	.00	0.
1	1710	207	.01	.00	.00	3.	*	2	1810	507	.00	.00	.00	0.
1	1715	208	.01	.00	.00	3.	*	2	1815	508	.00	.00	.00	0.
1	1720	209	.01	.00	.00	3.	*	2	1820	509	.00	.00	.00	0.
1	1725	210	.01	.00	.00	3.	*	2	1825	510	.00	.00	.00	0.
1	1730	211	.01	.00	.00	3.	*	2	1830	511	.00	.00	.00	0.
1	1735	212	.01	.00	.00	3.	*	2	1835	512	.00	.00	.00	0.
1	1740	213	.01	.00	.00	3.	*	2	1840	513	.00	.00	.00	0.
1	1745	214	.01	.00	.00	3.	*	2	1845	514	.00	.00	.00	0.
1	1750	215	.01	.00	.00	3.	*	2	1850	515	.00	.00	.00	0.
1	1755	216	.01	.00	.00	3.	*	2	1855	516	.00	.00	.00	0.
1	1800	217	.01	.00	.00	3.	*	2	1900	517	.00	.00	.00	0.
1	1805	218	.01	.00	.00	2.	*	2	1905	518	.00	.00	.00	0.
1	1810	219	.01	.00	.00	2.	*	2	1910	519	.00	.00	.00	0.
1	1815	220	.01	.00	.00	2.	*	2	1915	520	.00	.00	.00	0.
1	1820	221	.01	.00	.00	2.	*	2	1920	521	.00	.00	.00	0.
1	1825	222	.01	.00	.00	2.	*	2	1925	522	.00	.00	.00	0.
1	1830	223	.01	.00	.00	2.	*	2	1930	523	.00	.00	.00	0.
1	1835	224	.01	.00	.00	2.	*	2	1935	524	.00	.00	.00	0.
1	1840	225	.01	.00	.00	2.	*	2	1940	525	.00	.00	.00	0.
1	1845	226	.01	.00	.00	2.	*	2	1945	526	.00	.00	.00	0.
1	1850	227	.01	.00	.00	2.	*	2	1950	527	.00	.00	.00	0.
1	1855	228	.01	.00	.00	2.	*	2	1955	528	.00	.00	.00	0.
1	1900	229	.01	.00	.00	2.	*	2	2000	529	.00	.00	.00	0.
1	1905	230	.01	.00	.00	2.	*	2	2005	530	.00	.00	.00	0.
1	1910	231	.01	.00	.00	2.	*	2	2010	531	.00	.00	.00	0.
1	1915	232	.01	.00	.00	2.	*	2	2015	532	.00	.00	.00	0.
1	1920	233	.01	.00	.00	2.	*	2	2020	533	.00	.00	.00	0.
1	1925	234	.01	.00	.00	2.	*	2	2025	534	.00	.00	.00	0.
1	1930	235	.01	.00	.00	2.	*	2	2030	535	.00	.00	.00	0.
1	1935	236	.01	.00	.00	2.	*	2	2035	536	.00	.00	.00	0.
1	1940	237	.01	.00	.00	2.	*	2	2040	537	.00	.00	.00	0.
1	1945	238	.01	.00	.00	2.	*	2	2045	538	.00	.00	.00	0.
1	1950	239	.00	.00	.00	2.	*	2	2050	539	.00	.00	.00	0.
1	1955	240	.00	.00	.00	2.	*	2	2055	540	.00	.00	.00	0.
1	2000	241	.00	.00	.00	2.	*	2	2100	541	.00	.00	.00	0.
1	2005	242	.00	.00	.00	2.	*	2	2105	542	.00	.00	.00	0.
1	2010	243	.00	.00	.00	2.	*	2	2110	543	.00	.00	.00	0.
1	2015	244	.00	.00	.00	2.	*	2	2115	544	.00	.00	.00	0.
1	2020	245	.00	.00	.00	2.	*	2	2120	545	.00	.00	.00	0.
1	2025	246	.00	.00	.00	2.	*	2	2125	546	.00	.00	.00	0.
1	2030	247	.00	.00	.00	2.	*	2	2130	547	.00	.00	.00	0.
1	2035	248	.00	.00	.00	2.	*	2	2135	548	.00	.00	.00	0.

1	2040	249	.00	.00	.00	2.	*	2	2140	549	.00	.00	.00	0.
1	2045	250	.00	.00	.00	2.	*	2	2145	550	.00	.00	.00	0.
1	2050	251	.00	.00	.00	2.	*	2	2150	551	.00	.00	.00	0.
1	2055	252	.00	.00	.00	2.	*	2	2155	552	.00	.00	.00	0.
1	2100	253	.00	.00	.00	2.	*	2	2200	553	.00	.00	.00	0.
1	2105	254	.00	.00	.00	2.	*	2	2205	554	.00	.00	.00	0.
1	2110	255	.00	.00	.00	2.	*	2	2210	555	.00	.00	.00	0.
1	2115	256	.00	.00	.00	2.	*	2	2215	556	.00	.00	.00	0.
1	2120	257	.00	.00	.00	2.	*	2	2220	557	.00	.00	.00	0.
1	2125	258	.00	.00	.00	2.	*	2	2225	558	.00	.00	.00	0.
1	2130	259	.00	.00	.00	2.	*	2	2230	559	.00	.00	.00	0.
1	2135	260	.00	.00	.00	2.	*	2	2235	560	.00	.00	.00	0.
1	2140	261	.00	.00	.00	2.	*	2	2240	561	.00	.00	.00	0.
1	2145	262	.00	.00	.00	2.	*	2	2245	562	.00	.00	.00	0.
1	2150	263	.00	.00	.00	2.	*	2	2250	563	.00	.00	.00	0.
1	2155	264	.00	.00	.00	2.	*	2	2255	564	.00	.00	.00	0.
1	2200	265	.00	.00	.00	2.	*	2	2300	565	.00	.00	.00	0.
1	2205	266	.00	.00	.00	2.	*	2	2305	566	.00	.00	.00	0.
1	2210	267	.00	.00	.00	2.	*	2	2310	567	.00	.00	.00	0.
1	2215	268	.00	.00	.00	2.	*	2	2315	568	.00	.00	.00	0.
1	2220	269	.00	.00	.00	2.	*	2	2320	569	.00	.00	.00	0.
1	2225	270	.00	.00	.00	2.	*	2	2325	570	.00	.00	.00	0.
1	2230	271	.00	.00	.00	2.	*	2	2330	571	.00	.00	.00	0.
1	2235	272	.00	.00	.00	2.	*	2	2335	572	.00	.00	.00	0.
1	2240	273	.00	.00	.00	2.	*	2	2340	573	.00	.00	.00	0.
1	2245	274	.00	.00	.00	2.	*	2	2345	574	.00	.00	.00	0.
1	2250	275	.00	.00	.00	2.	*	2	2350	575	.00	.00	.00	0.
1	2255	276	.00	.00	.00	2.	*	2	2355	576	.00	.00	.00	0.
1	2300	277	.00	.00	.00	2.	*	3	0000	577	.00	.00	.00	0.
1	2305	278	.00	.00	.00	2.	*	3	0005	578	.00	.00	.00	0.
1	2310	279	.00	.00	.00	2.	*	3	0010	579	.00	.00	.00	0.
1	2315	280	.00	.00	.00	2.	*	3	0015	580	.00	.00	.00	0.
1	2320	281	.00	.00	.00	2.	*	3	0020	581	.00	.00	.00	0.
1	2325	282	.00	.00	.00	2.	*	3	0025	582	.00	.00	.00	0.
1	2330	283	.00	.00	.00	2.	*	3	0030	583	.00	.00	.00	0.
1	2335	284	.00	.00	.00	2.	*	3	0035	584	.00	.00	.00	0.
1	2340	285	.00	.00	.00	2.	*	3	0040	585	.00	.00	.00	0.
1	2345	286	.00	.00	.00	2.	*	3	0045	586	.00	.00	.00	0.
1	2350	287	.00	.00	.00	2.	*	3	0050	587	.00	.00	.00	0.
1	2355	288	.00	.00	.00	2.	*	3	0055	588	.00	.00	.00	0.
2	0000	289	.00	.00	.00	1.	*	3	0100	589	.00	.00	.00	0.
2	0005	290	.00	.00	.00	1.	*	3	0105	590	.00	.00	.00	0.
2	0010	291	.00	.00	.00	1.	*	3	0110	591	.00	.00	.00	0.
2	0015	292	.00	.00	.00	1.	*	3	0115	592	.00	.00	.00	0.
2	0020	293	.00	.00	.00	1.	*	3	0120	593	.00	.00	.00	0.
2	0025	294	.00	.00	.00	0.	*	3	0125	594	.00	.00	.00	0.
2	0030	295	.00	.00	.00	0.	*	3	0130	595	.00	.00	.00	0.
2	0035	296	.00	.00	.00	0.	*	3	0135	596	.00	.00	.00	0.
2	0040	297	.00	.00	.00	0.	*	3	0140	597	.00	.00	.00	0.
2	0045	298	.00	.00	.00	0.	*	3	0145	598	.00	.00	.00	0.
2	0050	299	.00	.00	.00	0.	*	3	0150	599	.00	.00	.00	0.
2	0055	300	.00	.00	.00	0.	*	3	0155	600	.00	.00	.00	0.
							*							

****

TOTAL RAINFALL = 3.79, TOTAL LOSS = 1.24, TOTAL EXCESS = 2.55

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 150.	12.17		21.	7.	3.	3.
		(INCHES)	1.922	2.531	2.534	2.534
		(AC-FT)	10.	13.	14.	14.

CUMULATIVE AREA = .10 SQ MI

*** ***

```
              **************
              *            *
176 KK        *   !S287B   *
              *            *
              **************
```

177 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	600	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

STORAGE ROUTE CP287B IN I-10 DETENTION BASIN

HYDROGRAPH ROUTING DATA

179 RS STORAGE ROUTING

NSTPS	1	NUMBER OF SUBREACHES

ITYP	STOR	TYPE OF INITIAL CONDITION	
RSVRIC	.00	INITIAL CONDITION	
X	.00	WORKING R AND D COEFFICIENT	

180	SV	STORAGE	.0	11.4	32.7	57.0	109.0	136.4
181	SE	ELEVATION	974.60	978.00	980.00	982.00	986.00	988.00
182	SQ	DISCHARGE	0.	0.	0.	0.	0.	
183	SE	ELEVATION	974.60	978.00	980.00	987.30	988.00	

***

COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	11.35	32.69	57.00	108.98	126.82	136.43
OUTFLOW	.00	.00	.00	.00	.00	.00	.00
ELEVATION	974.60	978.00	980.00	982.00	986.00	987.30	988.00

****

HYDROGRAPH AT STATION !S287B

****

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	974.6	*	1		1640	201	0.	119.2	986.7	*	2		0920	401	0.	137.4	988.1
1		0005	2	0.	.0	974.6	*	1		1645	202	0.	119.5	986.8	*	2		0925	402	0.	137.4	988.1
1		0010	3	0.	.0	974.6	*	1		1650	203	0.	119.8	986.8	*	2		0930	403	0.	137.4	988.1
1		0015	4	0.	.0	974.6	*	1		1655	204	0.	120.1	986.8	*	2		0935	404	0.	137.4	988.1
1		0020	5	0.	.0	974.6	*	1		1700	205	0.	120.4	986.8	*	2		0940	405	0.	137.4	988.1
1		0025	6	0.	.0	974.6	*	1		1705	206	0.	120.6	986.8	*	2		0945	406	0.	137.4	988.1
1		0030	7	0.	.0	974.6	*	1		1710	207	0.	120.9	986.9	*	2		0950	407	0.	137.4	988.1
1		0035	8	0.	.0	974.6	*	1		1715	208	0.	121.2	986.9	*	2		0955	408	0.	137.4	988.1
1		0040	9	0.	.1	974.6	*	1		1720	209	0.	121.5	986.9	*	2		1000	409	0.	137.4	988.1
1		0045	10	0.	.1	974.6	*	1		1725	210	0.	121.7	986.9	*	2		1005	410	0.	137.4	988.1
1		0050	11	0.	.1	974.6	*	1		1730	211	0.	122.0	986.9	*	2		1010	411	0.	137.4	988.1
1		0055	12	0.	.2	974.7	*	1		1735	212	0.	122.2	987.0	*	2		1015	412	0.	137.4	988.1
1		0100	13	0.	.2	974.7	*	1		1740	213	0.	122.5	987.0	*	2		1020	413	0.	137.4	988.1
1		0105	14	0.	.3	974.7	*	1		1745	214	0.	122.7	987.0	*	2		1025	414	0.	137.4	988.1
1		0110	15	0.	.4	974.7	*	1		1750	215	0.	123.0	987.0	*	2		1030	415	0.	137.4	988.1
1		0115	16	0.	.5	974.7	*	1		1755	216	0.	123.2	987.0	*	2		1035	416	0.	137.4	988.1
1		0120	17	0.	.6	974.8	*	1		1800	217	0.	123.5	987.1	*	2		1040	417	0.	137.4	988.1
1		0125	18	0.	.7	974.8	*	1		1805	218	0.	123.7	987.1	*	2		1045	418	0.	137.4	988.1
1		0130	19	0.	.8	974.8	*	1		1810	219	0.	123.9	987.1	*	2		1050	419	0.	137.4	988.1
1		0135	20	0.	.9	974.9	*	1		1815	220	0.	124.2	987.1	*	2		1055	420	0.	137.4	988.1
1		0140	21	0.	1.0	974.9	*	1		1820	221	0.	124.4	987.1	*	2		1100	421	0.	137.4	988.1
1		0145	22	0.	1.1	974.9	*	1		1825	222	0.	124.6	987.1	*	2		1105	422	0.	137.4	988.1
1		0150	23	0.	1.3	975.0	*	1		1830	223	0.	124.9	987.2	*	2		1110	423	0.	137.4	988.1
1		0155	24	0.	1.4	975.0	*	1		1835	224	0.	125.1	987.2	*	2		1115	424	0.	137.4	988.1
1		0200	25	0.	1.5	975.1	*	1		1840	225	0.	125.3	987.2	*	2		1120	425	0.	137.4	988.1
1		0205	26	0.	1.7	975.1	*	1		1845	226	0.	125.5	987.2	*	2		1125	426	0.	137.4	988.1
1		0210	27	0.	1.8	975.1	*	1		1850	227	0.	125.7	987.2	*	2		1130	427	0.	137.4	988.1
1		0215	28	0.	1.9	975.2	*	1		1855	228	0.	125.9	987.2	*	2		1135	428	0.	137.4	988.1
1		0220	29	0.	2.1	975.2	*	1		1900	229	0.	126.1	987.2	*	2		1140	429	0.	137.4	988.1
1		0225	30	0.	2.2	975.3	*	1		1905	230	0.	126.3	987.3	*	2		1145	430	0.	137.4	988.1
1		0230	31	0.	2.4	975.3	*	1		1910	231	0.	126.5	987.3	*	2		1150	431	0.	137.4	988.1
1		0235	32	0.	2.5	975.4	*	1		1915	232	0.	126.7	987.3	*	2		1155	432	0.	137.4	988.1
1		0240	33	0.	2.7	975.4	*	1		1920	233	0.	126.9	987.3	*	2		1200	433	0.	137.4	988.1
1		0245	34	0.	2.8	975.4	*	1		1925	234	0.	127.1	987.3	*	2		1205	434	0.	137.4	988.1
1		0250	35	0.	2.9	975.5	*	1		1930	235	0.	127.3	987.3	*	2		1210	435	0.	137.4	988.1
1		0255	36	0.	3.1	975.5	*	1		1935	236	0.	127.5	987.3	*	2		1215	436	0.	137.4	988.1
1		0300	37	0.	3.2	975.6	*	1		1940	237	0.	127.7	987.4	*	2		1220	437	0.	137.4	988.1
1		0305	38	0.	3.4	975.6	*	1		1945	238	0.	127.9	987.4	*	2		1225	438	0.	137.4	988.1
1		0310	39	0.	3.5	975.7	*	1		1950	239	0.	128.1	987.4	*	2		1230	439	0.	137.4	988.1
1		0315	40	0.	3.7	975.7	*	1		1955	240	0.	128.3	987.4	*	2		1235	440	0.	137.4	988.1
1		0320	41	0.	3.8	975.7	*	1		2000	241	0.	128.4	987.4	*	2		1240	441	0.	137.4	988.1
1		0325	42	0.	3.9	975.8	*	1		2005	242	0.	128.6	987.4	*	2		1245	442	0.	137.4	988.1
1		0330	43	0.	4.1	975.8	*	1		2010	243	0.	128.8	987.4	*	2		1250	443	0.	137.4	988.1
1		0335	44	0.	4.2	975.9	*	1		2015	244	0.	129.0	987.5	*	2		1255	444	0.	137.4	988.1
1		0340	45	0.	4.4	975.9	*	1		2020	245	0.	129.2	987.5	*	2		1300	445	0.	137.4	988.1
1		0345	46	0.	4.5	976.0	*	1		2025	246	0.	129.4	987.5	*	2		1305	446	0.	137.4	988.1
1		0350	47	0.	4.7	976.0	*	1		2030	247	0.	129.5	987.5	*	2		1310	447	0.	137.4	988.1
1		0355	48	0.	4.8	976.0	*	1		2035	248	0.	129.7	987.5	*	2		1315	448	0.	137.4	988.1
1		0400	49	0.	5.0	976.1	*	1		2040	249	0.	129.9	987.5	*	2		1320	449	0.	137.4	988.1
1		0405	50	0.	5.1	976.1	*	1		2045	250	0.	130.0	987.5	*	2		1325	450	0.	137.4	988.1
1		0410	51	0.	5.3	976.2	*	1		2050	251	0.	130.2	987.5	*	2		1330	451	0.	137.4	988.1
1		0415	52	0.	5.4	976.2	*	1		2055	252	0.	130.4	987.6	*	2		1335	452	0.	137.4	988.1
1		0420	53	0.	5.6	976.3	*	1		2100	253	0.	130.5	987.6	*	2		1340	453	0.	137.4	988.1
1		0425	54	0.	5.7	976.3	*	1		2105	254	0.	130.7	987.6	*	2		1345	454	0.	137.4	988.1
1		0430	55	0.	5.9	976.4	*	1		2110	255	0.	130.8	987.6	*	2		1350	455	0.	137.4	988.1
1		0435	56	0.	6.0	976.4	*	1		2115	256	0.	131.0	987.6	*	2		1355	456	0.	137.4	988.1
1		0440	57	0.	6.2	976.5	*	1		2120	257	0.	131.1	987.6	*	2		1400	457	0.	137.4	988.1
1		0445	58	0.	6.4	976.5	*	1		2125	258	0.	131.2	987.6	*	2		1405	458	0.	137.4	988.1
1		0450	59	0.	6.6	976.6	*	1		2130	259	0.	131.4	987.6	*	2		1410	459	0.	137.4	988.1
1		0455	60	0.	6.7	976.6	*	1		2135	260	0.	131.5	987.6	*	2		1415	460	0.	137.4	988.1
1		0500	61	0.	6.9	976.7	*	1		2140	261	0.	131.7	987.7	*	2		1420	461	0.	137.4	988.1
1		0505	62	0.	7.1	976.7	*	1		2145	262	0.	131.8	987.7	*	2		1425	462	0.	137.4	988.1
1		0510	63	0.	7.3	976.8	*	1		2150	263	0.	132.0	987.7	*	2		1430	463	0.	137.4	988.1
1		0515	64	0.	7.5	976.8	*	1		2155	264	0.	132.1	987.7	*	2		1435	464	0.	137.4	988.1
1		0520	65	0.	7.7	976.9	*	1		2200	265	0.	132.3	987.7	*	2		1440	465	0.	137.4	988.1
1		0525	66	0.	7.8	977.0	*	1		2205	266	0.	132.4	987.7	*	2		1445	466	0.	137.4	988.1
1		0530	67	0.	8.0	977.0	*	1		2210	267	0.	132.5	987.7	*	2		1450	467	0.	137.4	988.1

1	0535	68	0.	8.2	977.1	*	1	2215	268	0.	132.7	987.7	*	2	1455	468	0.	137.4	988.1
1	0540	69	0.	8.4	977.1	*	1	2220	269	0.	132.8	987.7	*	2	1500	469	0.	137.4	988.1
1	0545	70	0.	8.6	977.2	*	1	2225	270	0.	133.0	987.7	*	2	1505	470	0.	137.4	988.1
1	0550	71	0.	8.8	977.2	*	1	2230	271	0.	133.1	987.8	*	2	1510	471	0.	137.4	988.1
1	0555	72	0.	9.0	977.3	*	1	2235	272	0.	133.3	987.8	*	2	1515	472	0.	137.4	988.1
1	0600	73	0.	9.2	977.3	*	1	2240	273	0.	133.4	987.8	*	2	1520	473	0.	137.4	988.1
1	0605	74	0.	9.4	977.4	*	1	2245	274	0.	133.6	987.8	*	2	1525	474	0.	137.4	988.1
1	0610	75	0.	9.6	977.5	*	1	2250	275	0.	133.7	987.8	*	2	1530	475	0.	137.4	988.1
1	0615	76	0.	9.8	977.5	*	1	2255	276	0.	133.8	987.8	*	2	1535	476	0.	137.4	988.1
1	0620	77	0.	9.9	977.6	*	1	2300	277	0.	134.0	987.8	*	2	1540	477	0.	137.4	988.1
1	0625	78	0.	10.1	977.6	*	1	2305	278	0.	134.1	987.8	*	2	1545	478	0.	137.4	988.1
1	0630	79	0.	10.3	977.7	*	1	2310	279	0.	134.3	987.8	*	2	1550	479	0.	137.4	988.1
1	0635	80	0.	10.5	977.8	*	1	2315	280	0.	134.4	987.9	*	2	1555	480	0.	137.4	988.1
1	0640	81	0.	10.8	977.8	*	1	2320	281	0.	134.6	987.9	*	2	1600	481	0.	137.4	988.1
1	0645	82	0.	11.0	977.9	*	1	2325	282	0.	134.7	987.9	*	2	1605	482	0.	137.4	988.1
1	0650	83	0.	11.2	977.9	*	1	2330	283	0.	134.8	987.9	*	2	1610	483	0.	137.4	988.1
1	0655	84	0.	11.4	978.0	*	1	2335	284	0.	135.0	987.9	*	2	1615	484	0.	137.4	988.1
1	0700	85	0.	11.6	978.0	*	1	2340	285	0.	135.1	987.9	*	2	1620	485	0.	137.4	988.1
1	0705	86	0.	11.8	978.0	*	1	2345	286	0.	135.3	987.9	*	2	1625	486	0.	137.4	988.1
1	0710	87	0.	12.1	978.1	*	1	2350	287	0.	135.4	987.9	*	2	1630	487	0.	137.4	988.1
1	0715	88	0.	12.3	978.1	*	1	2355	288	0.	135.6	987.9	*	2	1635	488	0.	137.4	988.1
1	0720	89	0.	12.5	978.1	*	2	0000	289	0.	135.7	987.9	*	2	1640	489	0.	137.4	988.1
1	0725	90	0.	12.8	978.1	*	2	0005	290	0.	135.8	988.0	*	2	1645	490	0.	137.4	988.1
1	0730	91	0.	13.0	978.2	*	2	0010	291	0.	136.0	988.0	*	2	1650	491	0.	137.4	988.1
1	0735	92	0.	13.2	978.2	*	2	0015	292	0.	136.1	988.0	*	2	1655	492	0.	137.4	988.1
1	0740	93	0.	13.5	978.2	*	2	0020	293	0.	136.2	988.0	*	2	1700	493	0.	137.4	988.1
1	0745	94	0.	13.7	978.2	*	2	0025	294	0.	136.4	988.0	*	2	1705	494	0.	137.4	988.1
1	0750	95	0.	13.9	978.2	*	2	0030	295	0.	136.5	988.0	*	2	1710	495	0.	137.4	988.1
1	0755	96	0.	14.2	978.3	*	2	0035	296	0.	136.6	988.0	*	2	1715	496	0.	137.4	988.1
1	0800	97	0.	14.4	978.3	*	2	0040	297	0.	136.7	988.0	*	2	1720	497	0.	137.4	988.1
1	0805	98	0.	14.7	978.3	*	2	0045	298	0.	136.8	988.0	*	2	1725	498	0.	137.4	988.1
1	0810	99	0.	14.9	978.3	*	2	0050	299	0.	136.8	988.0	*	2	1730	499	0.	137.4	988.1
1	0815	100	0.	15.1	978.4	*	2	0055	300	0.	136.9	988.0	*	2	1735	500	0.	137.4	988.1
1	0820	101	0.	15.4	978.4	*	2	0100	301	0.	137.0	988.0	*	2	1740	501	0.	137.4	988.1
1	0825	102	0.	15.6	978.4	*	2	0105	302	0.	137.0	988.0	*	2	1745	502	0.	137.4	988.1
1	0830	103	0.	15.9	978.4	*	2	0110	303	0.	137.1	988.0	*	2	1750	503	0.	137.4	988.1
1	0835	104	0.	16.1	978.4	*	2	0115	304	0.	137.1	988.1	*	2	1755	504	0.	137.4	988.1
1	0840	105	0.	16.4	978.5	*	2	0120	305	0.	137.2	988.1	*	2	1800	505	0.	137.4	988.1
1	0845	106	0.	16.6	978.5	*	2	0125	306	0.	137.2	988.1	*	2	1805	506	0.	137.4	988.1
1	0850	107	0.	16.9	978.5	*	2	0130	307	0.	137.2	988.1	*	2	1810	507	0.	137.4	988.1
1	0855	108	0.	17.2	978.5	*	2	0135	308	0.	137.2	988.1	*	2	1815	508	0.	137.4	988.1
1	0900	109	0.	17.5	978.6	*	2	0140	309	0.	137.3	988.1	*	2	1820	509	0.	137.4	988.1
1	0905	110	0.	17.8	978.6	*	2	0145	310	0.	137.3	988.1	*	2	1825	510	0.	137.4	988.1
1	0910	111	0.	18.1	978.6	*	2	0150	311	0.	137.3	988.1	*	2	1830	511	0.	137.4	988.1
1	0915	112	0.	18.4	978.7	*	2	0155	312	0.	137.3	988.1	*	2	1835	512	0.	137.4	988.1
1	0920	113	0.	18.7	978.7	*	2	0200	313	0.	137.3	988.1	*	2	1840	513	0.	137.4	988.1
1	0925	114	0.	19.0	978.7	*	2	0205	314	0.	137.3	988.1	*	2	1845	514	0.	137.4	988.1
1	0930	115	0.	19.3	978.7	*	2	0210	315	0.	137.3	988.1	*	2	1850	515	0.	137.4	988.1
1	0935	116	0.	19.7	978.8	*	2	0215	316	0.	137.3	988.1	*	2	1855	516	0.	137.4	988.1
1	0940	117	0.	20.0	978.8	*	2	0220	317	0.	137.3	988.1	*	2	1900	517	0.	137.4	988.1
1	0945	118	0.	20.4	978.8	*	2	0225	318	0.	137.3	988.1	*	2	1905	518	0.	137.4	988.1
1	0950	119	0.	20.7	978.9	*	2	0230	319	0.	137.3	988.1	*	2	1910	519	0.	137.4	988.1
1	0955	120	0.	21.1	978.9	*	2	0235	320	0.	137.3	988.1	*	2	1915	520	0.	137.4	988.1
1	1000	121	0.	21.5	979.0	*	2	0240	321	0.	137.4	988.1	*	2	1920	521	0.	137.4	988.1
1	1005	122	0.	21.9	979.0	*	2	0245	322	0.	137.4	988.1	*	2	1925	522	0.	137.4	988.1
1	1010	123	0.	22.3	979.0	*	2	0250	323	0.	137.4	988.1	*	2	1930	523	0.	137.4	988.1
1	1015	124	0.	22.7	979.1	*	2	0255	324	0.	137.4	988.1	*	2	1935	524	0.	137.4	988.1
1	1020	125	0.	23.1	979.1	*	2	0300	325	0.	137.4	988.1	*	2	1940	525	0.	137.4	988.1
1	1025	126	0.	23.5	979.1	*	2	0305	326	0.	137.4	988.1	*	2	1945	526	0.	137.4	988.1
1	1030	127	0.	23.9	979.2	*	2	0310	327	0.	137.4	988.1	*	2	1950	527	0.	137.4	988.1
1	1035	128	0.	24.3	979.2	*	2	0315	328	0.	137.4	988.1	*	2	1955	528	0.	137.4	988.1
1	1040	129	0.	24.8	979.3	*	2	0320	329	0.	137.4	988.1	*	2	2000	529	0.	137.4	988.1
1	1045	130	0.	25.3	979.3	*	2	0325	330	0.	137.4	988.1	*	2	2005	530	0.	137.4	988.1
1	1050	131	0.	25.8	979.4	*	2	0330	331	0.	137.4	988.1	*	2	2010	531	0.	137.4	988.1
1	1055	132	0.	26.3	979.4	*	2	0335	332	0.	137.4	988.1	*	2	2015	532	0.	137.4	988.1
1	1100	133	0.	26.8	979.4	*	2	0340	333	0.	137.4	988.1	*	2	2020	533	0.	137.4	988.1
1	1105	134	0.	27.4	979.5	*	2	0345	334	0.	137.4	988.1	*	2	2025	534	0.	137.4	988.1
1	1110	135	0.	28.0	979.6	*	2	0350	335	0.	137.4	988.1	*	2	2030	535	0.	137.4	988.1
1	1115	136	0.	28.6	979.6	*	2	0355	336	0.	137.4	988.1	*	2	2035	536	0.	137.4	988.1
1	1120	137	0.	29.3	979.7	*	2	0400	337	0.	137.4	988.1	*	2	2040	537	0.	137.4	988.1
1	1125	138	0.	30.1	979.8	*	2	0405	338	0.	137.4	988.1	*	2	2045	538	0.	137.4	988.1
1	1130	139	0.	30.8	979.8	*	2	0410	339	0.	137.4	988.1	*	2	2050	539	0.	137.4	988.1
1	1135	140	0.	31.7	979.9	*	2	0415	340	0.	137.4	988.1	*	2	2055	540	0.	137.4	988.1
1	1140	141	0.	32.6	980.0	*	2	0420	341	0.	137.4	988.1	*	2	2100	541	0.	137.4	988.1
1	1145	142	0.	33.9	980.1	*	2	0425	342	0.	137.4	988.1	*	2	2105	542	0.	137.4	988.1
1	1150	143	0.	35.6	980.2	*	2	0430	343	0.	137.4	988.1	*	2	2110	543	0.	137.4	988.1
1	1155	144	0.	38.1	980.4	*	2	0435	344	0.	137.4	988.1	*	2	2115	544	0.	137.4	988.1
1	1200	145	0.	41.3	980.7	*	2	0440	345	0.	137.4	988.1	*	2	2120	545	0.	137.4	988.1
1	1205	146	0.	45.0	981.0	*	2	0445	346	0.	137.4	988.1	*	2	2125	546	0.	137.4	988.1
1	1210	147	0.	49.2	981.4	*	2	0450	347	0.	137.4	988.1	*	2	2130	547	0.	137.4	988.1
1	1215	148	0.	53.9	981.7	*	2	0455	348	0.	137.4	988.1	*	2	2135	548	0.	137.4	988.1
1	1220	149	0.	58.6	982.1	*	2	0500	349	0.	137.4	988.1	*	2	2140	549	0.	137.4	988.1
1	1225	150	0.	62.9	982.5	*	2	0505	350	0.	137.4	988.1	*	2	2145	550	0.	137.4	988.1
1	1230	151	0.	66.5	982.7	*	2	0510	351	0.	137.4	988.1	*	2	2150	551	0.	137.4	988.1
1	1235	152	0.	69.5	983.0	*	2	0515	352	0.	137.4	988.1	*	2	2155	552	0.	137.4	988.1
1	1240	153	0.	72.2	983.2	*	2	0520	353	0.	137.4	988.1	*	2	2200	553	0.	137.4	988.1
1	1245	154	0.	75.4	983.4	*	2	0525	354	0.	137.4	988.1	*	2	2205	554	0.	137.4	988.1
1	1250	155	0.	79.1	983.7	*	2	0530	355	0.	137.4	988.1	*	2	2210	555	0.	137.4	988.1
1	1255	156	0.	82.9	984.0	*	2	0535	356	0.	137.4	988.1	*	2	2215	556	0.	137.4	988.1
1	1300	157	0.	86.2	984.2	*	2	0540	357	0.	137.4	988.1	*	2	2220	557	0.	137.4	988.1
1	1305	158	0.	89.1	984.5	*	2	0545	358	0.	137.4	988.1	*	2	2225	558	0.	137.4	988.1
1	1310	159	0.	91.9	984.7	*	2	0550	359	0.	137.4	988.1	*	2	2230	559	0.	137.4	988.1
1	1315	160	0.	94.4	984.9	*	2	0555	360	0.	137.4	988.1	*	2	2235	560	0.	137.4	988.1
1	1320	161	0.	96.5	985.0	*	2	0600	361	0.	137.4	988.1	*	2	2240	561	0.	137.4	988.1
1	1325	162	0.	98.3	985.2	*	2	0605	362	0.	137.4	988.1	*	2	2245	562	0.	137.4	988.1

1	1330	163	0.	99.8	985.3 *	2	0610	363	0.	137.4	988.1 *	2	2250	563	0.	137.4	988.1
1	1335	164	0.	101.1	985.4 *	2	0615	364	0.	137.4	988.1 *	2	2255	564	0.	137.4	988.1
1	1340	165	0.	102.3	985.5 *	2	0620	365	0.	137.4	988.1 *	2	2300	565	0.	137.4	988.1
1	1345	166	0.	103.3	985.6 *	2	0625	366	0.	137.4	988.1 *	2	2305	566	0.	137.4	988.1
1	1350	167	0.	104.3	985.6 *	2	0630	367	0.	137.4	988.1 *	2	2310	567	0.	137.4	988.1
1	1355	168	0.	105.2	985.7 *	2	0635	368	0.	137.4	988.1 *	2	2315	568	0.	137.4	988.1
1	1400	169	0.	106.0	985.8 *	2	0640	369	0.	137.4	988.1 *	2	2320	569	0.	137.4	988.1
1	1405	170	0.	106.7	985.8 *	2	0645	370	0.	137.4	988.1 *	2	2325	570	0.	137.4	988.1
1	1410	171	0.	107.4	985.9 *	2	0650	371	0.	137.4	988.1 *	2	2330	571	0.	137.4	988.1
1	1415	172	0.	108.0	985.9 *	2	0655	372	0.	137.4	988.1 *	2	2335	572	0.	137.4	988.1
1	1420	173	0.	108.6	986.0 *	2	0700	373	0.	137.4	988.1 *	2	2340	573	0.	137.4	988.1
1	1425	174	0.	109.1	986.0 *	2	0705	374	0.	137.4	988.1 *	2	2345	574	0.	137.4	988.1
1	1430	175	0.	109.7	986.1 *	2	0710	375	0.	137.4	988.1 *	2	2350	575	0.	137.4	988.1
1	1435	176	0.	110.2	986.1 *	2	0715	376	0.	137.4	988.1 *	2	2355	576	0.	137.4	988.1
1	1440	177	0.	110.7	986.1 *	2	0720	377	0.	137.4	988.1 *	3	0000	577	0.	137.4	988.1
1	1445	178	0.	111.2	986.2 *	2	0725	378	0.	137.4	988.1 *	3	0005	578	0.	137.4	988.1
1	1450	179	0.	111.6	986.2 *	2	0730	379	0.	137.4	988.1 *	3	0010	579	0.	137.4	988.1
1	1455	180	0.	112.1	986.2 *	2	0735	380	0.	137.4	988.1 *	3	0015	580	0.	137.4	988.1
1	1500	181	0.	112.5	986.3 *	2	0740	381	0.	137.4	988.1 *	3	0020	581	0.	137.4	988.1
1	1505	182	0.	112.9	986.3 *	2	0745	382	0.	137.4	988.1 *	3	0025	582	0.	137.4	988.1
1	1510	183	0.	113.3	986.3 *	2	0750	383	0.	137.4	988.1 *	3	0030	583	0.	137.4	988.1
1	1515	184	0.	113.7	986.3 *	2	0755	384	0.	137.4	988.1 *	3	0035	584	0.	137.4	988.1
1	1520	185	0.	114.1	986.4 *	2	0800	385	0.	137.4	988.1 *	3	0040	585	0.	137.4	988.1
1	1525	186	0.	114.4	986.4 *	2	0805	386	0.	137.4	988.1 *	3	0045	586	0.	137.4	988.1
1	1530	187	0.	114.8	986.4 *	2	0810	387	0.	137.4	988.1 *	3	0050	587	0.	137.4	988.1
1	1535	188	0.	115.1	986.4 *	2	0815	388	0.	137.4	988.1 *	3	0055	588	0.	137.4	988.1
1	1540	189	0.	115.5	986.5 *	2	0820	389	0.	137.4	988.1 *	3	0100	589	0.	137.4	988.1
1	1545	190	0.	115.8	986.5 *	2	0825	390	0.	137.4	988.1 *	3	0105	590	0.	137.4	988.1
1	1550	191	0.	116.1	986.5 *	2	0830	391	0.	137.4	988.1 *	3	0110	591	0.	137.4	988.1
1	1555	192	0.	116.5	986.5 *	2	0835	392	0.	137.4	988.1 *	3	0115	592	0.	137.4	988.1
1	1600	193	0.	116.8	986.6 *	2	0840	393	0.	137.4	988.1 *	3	0120	593	0.	137.4	988.1
1	1605	194	0.	117.1	986.6 *	2	0845	394	0.	137.4	988.1 *	3	0125	594	0.	137.4	988.1
1	1610	195	0.	117.4	986.6 *	2	0850	395	0.	137.4	988.1 *	3	0130	595	0.	137.4	988.1
1	1615	196	0.	117.7	986.6 *	2	0855	396	0.	137.4	988.1 *	3	0135	596	0.	137.4	988.1
1	1620	197	0.	118.0	986.7 *	2	0900	397	0.	137.4	988.1 *	3	0140	597	0.	137.4	988.1
1	1625	198	0.	118.3	986.7 *	2	0905	398	0.	137.4	988.1 *	3	0145	598	0.	137.4	988.1
1	1630	199	0.	118.6	986.7 *	2	0910	399	0.	137.4	988.1 *	3	0150	599	0.	137.4	988.1
1	1635	200	0.	118.9	986.7 *	2	0915	400	0.	137.4	988.1 *	3	0155	600	0.	137.4	988.1
					*						*						

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.00		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	49.92-HR
+ (AC-FT)	(HR)				
137.	27.50	137.	137.	102.	102.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	49.92-HR
+ (FEET)	(HR)				
988.07	27.75	988.07	988.06	985.09	985.09

CUMULATIVE AREA = 2.18 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	B	0.	.00	0.	0.	0.	.00		
+	HYDROGRAPH AT	254	420.	12.17	33.	9.	4.	.28		
+	ROUTED TO	R254	423.	12.17	33.	9.	4.	.28		
+									1028.04	12.17
+	HYDROGRAPH AT	!254B	250.	12.08	20.	6.	3.	.13		
+	2 COMBINED AT	CP254B	666.	12.08	52.	15.	7.	.41		
+	ROUTED TO	R254B	613.	12.25	52.	15.	7.	.41		
+									1020.88	12.25
+	HYDROGRAPH AT	269	393.	12.17	41.	13.	6.	.23		
+	2 COMBINED AT	CP269	955.	12.17	93.	28.	13.	.64		

	ROUTED TO								
+		R269	951.	12.25	93.	28.	13.	.64	
+									1008.95 12.25
	HYDROGRAPH AT								
+		269B	417.	12.17	49.	16.	8.	.27	
	ROUTED TO								
+		R269B	385.	12.25	49.	16.	8.	.27	
+									1007.80 12.25
	HYDROGRAPH AT								
+		268	498.	12.08	43.	14.	7.	.24	
	3 COMBINED AT								
+		CP268	1532.	12.25	186.	57.	27.	1.15	
	DIVERSION TO								
+		D288B	1182.	11.92	85.	21.	10.	1.15	
	HYDROGRAPH AT								
+		DI2881	350.	11.92	101.	36.	17.	1.15	
	ROUTED TO								
+		R268	353.	12.08	101.	36.	17.	1.15	
+									998.27 12.08
	HYDROGRAPH AT								
+		288B	914.	12.58	159.	49.	23.	.93	
	2 COMBINED AT								
+		CP288B	1264.	12.58	260.	84.	41.	2.08	
	DIVERSION TO								
+		D288B	929.	12.25	88.	22.	11.	2.08	
	HYDROGRAPH AT								
+		DI2882	586.	12.25	172.	62.	30.	2.08	
	ROUTED TO								
+		R288B	564.	12.33	172.	62.	30.	2.08	
+									996.78 12.33
	HYDROGRAPH AT								
+		!287B	150.	12.17	21.	7.	3.	.10	
	2 COMBINED AT								
+		CP287B	697.	12.25	192.	69.	33.	2.18	
	ROUTED TO								
+		!S287B	0.	.00	0.	0.	0.	2.18	
+									988.07 27.75

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

Appendix D

HEC-1 Model

287CPB

Appendix D

HEC-1 Model

287CPB

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*             JUN  1998                 *
*           VERSION 4.1                 *
*                                       *
*  RUN DATE   09JUL07  TIME  14:17:22   *
*                                       *
*****************************************
```

```
*****************************************
*                                       *
*    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         10 - 23 - 0 1
  2           ID
  3           ID        **DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING   **
  4           ID        **WATERSHED SUB BASINS                                    **
  5           ID
  6           ID        **BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL**
  7           ID
  8           ID                                        REVISED BY URS     DATE: 05-17-07
  9           ID                                                           FILE: 287CPB.DAT
 10           ID
              *DIAGRAM
 11           IT       5                    600
 12           IO       5
 13           IN      15

 14           KK       C
 15           PB    3.79
 16           PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 17           PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 18           PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 19           PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 20           PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 21           PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
 22           PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 23           PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 24           PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 25           PC    .983    .986    .989    .992    .995    .998   1.00   1.000   1.000   1.000

 26           KK   2711
              * KO     1                              21
 27           KM    SUBASINS MODIFIED BY FCD FOR RID CANAL OVER-CHUTE
 28           KM    NEW SUBBASIN, PART OF THE PREVIOUS SUBBASIN 271 NORTH OF INDIAN SCHOOL
 29           BA    0.11
 30           LG     0.2    0.25     4.3    0.39      20
 31           UI      93     288     306     118      33      11       0       0       0       0
 32           UI       0       0       0       0       0       0       0       0       0       0

 33           KK  !2711T
 34           KO       1                              22
 35           KM   DIVERT FUTURE ONSITE RETENTION REQUIREMENT
 36           DT  2711RT     5.4
 37           DI       0   10000
 38           DQ       0   10000

 39           KK   254A
              * KO     1                              21
 40           KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 254A
              * BA   .22
              * Among 0.22 mi^2, 0.02 mi^2 goes to the west of Litchfield Road
 41           BA     .20
 42           LG     .12     .19    3.95     .58      20
              * UI   79.    248.    444.    456.    271.    115.     56.     15.     14.
              * UI   0.      0.      0.      0.      0.      0.      0.      0.      0.
              * UI   0.      0.      0.      0.      0.      0.      0.      0.      0.
 43           UI    72.    225.    404.    415.    246.    104.     51.     14.     13.      0.
1                                        HEC-1 INPUT                                                    PAGE  2

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

 44           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 45           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
 46          KK  !254AT
 47          KO       1                                   22
 48          KM   DIVERT FUTURE ONSITE RETENTION REQUIREMENT
 49          DT  254ART     9.0
 50          DI       0   10000
 51          DQ       0   10000

 52          KK   R254A
 53          KM        ROUTE FLOW FROM CP254A TO CP270A
 54          KM        FROM CP254A TO THE PROPOSED INDIAN SCHOOL BYPASS
 55          RS       2              -1
 56          RC    0.05    0.05    0.05    2100  0.0025
 57          RX    1000    1001    1002    1180    1310    1398    1399    1400
 58          RY    1050    1017    1017    1016    1016    1017    1017    1050

 59          KK  CP2711
             * 2/21/96, change "HC    3" to "HC    2". Flow from CP255A will not be
             * combined here.
 60          HC       2
             * The following was modified on 2/21/1996 at FCD.

 61          KK   R2711  REVISED CHANNEL
 62          KM        ROUTE FLOW FROM CP2711 TO MERGING POINT
 63          RS       1    FLOW      -1
             * RC 0.014   0.014   0.014    1650  0.0008
 64          RC   0.015   0.015   0.015    1025  0.0015
             * B=6
 65          RX       0       5      15      20      26      31      41      46
 66          RY      10      10      10       5       5      10      10      10

 67          KK    257
             * KO      1                                   21
 68          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 257
 69          BA     .34
 70          LG     .50     .00    6.40    0.25    21.7
 71          UI     12.     12.     12.     12.     27.     40.     46.     55.     59.     65.
 72          UI     69.     74.     80.     88.     93.    106.    127.    144.    156.    136.
 73          UI    122.    111.    102.     96.     89.     81.     74.     69.     62.     57.
 74          UI     53.     45.     34.     27.     21.     21.     20.     20.     17.     12.
 75          UI     12.     12.     12.      5.      4.      4.      4.      4.      4.      4.
 76          UI      4.      4.      4.      4.      4.      4.      4.      0.      0.      0.
 77          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 78          KK  !257OT
 79          KO       1                                   22
 80          KM   DIVERT FUTURE ONSITE RETENTION REQUIREMENT
 81          DT  257RET    25.5
 82          DI       0   10000
 83          DQ       0   10000
```



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

 84          KK    D257
 85          KM        DIVERT FROM CP257 TO CP271A
 86          DT  DI271A
 87          DI       0      56    1308
 88          DQ       0       0     922

 89          KK    R257
 90          KM        ROUTE DIVERT FROM CP257 TO CP256
 91          RS      12              -1       0
 92          RC    .035    .035    .075    2680   .0018
 93          RX    1000    1001    1002    1010    1540    1858    1859    1860
 94          RY  1025.5    1025    1025    1024    1024    1025    1025  1025.5

 95          KK    256
             * KO      1                                   21
 96          KM   BASIN 256
 97          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 98          KM    L=      1.1  Lca=       .4   S=   17.9  Kn= .106  LAG=  64.9
 99          KM    AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN
100          BA     .43
101          LG     .44     .03    6.60     .22    22.1
102          UI     24.     24.     32.     51.     93.    135.    138.    160.    190.    205.
103          UI    205.    205.    205.    171.    174.    189.    128.    135.    123.     94.
104          UI     83.     70.     75.     54.     44.     39.     33.     30.     27.     22.
105          UI     22.     18.     14.     14.     14.     14.      7.      3.      3.      3.
106          UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
107          UI      3.      3.      3.      3.      3.      3.      3.      3.      0.      0.
108          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

109          KK  !256OT
110          KO       1                                   22
111          KM        DIVERT ONSITE RETENTION VOLUME
112          DT  256RET    29.5
113          DI       0   10000
114          DQ       0   10000

115          KK   CP256
116          KM        ADD HYDROGRAPHS AR before subbasin SUB7
117          HC       2    0.77

118          KK   SUB6
             * KO      1                                   21
119          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
120          KM    L=      1.1  Lca=       .6   S=   19.0  Kn= .030  LAG=  20.0
```

```
 121          KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 122          BA     .10
 123          LG     .17      .20     6.00      .16       20
 124          UI     21.      75.     114.     189.     162.     109.      65.      30.      17.       5.
 125          UI      5.       0.       0.       0.       0.       0.       0.       0.       0.       0.
 126          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
1                                                HEC-1 INPUT                                                                    PAGE  4

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

 127          KK  !SUB6T
 128          KO       1                                  22
 129          KM   DIVERT FUTURE ONSITE RETENTION REQUIREMENT
 130          DT  SUB6RT     6.6
 131          DI       0   10000
 132          DQ       0   10000

 133          KK   SUB7
              * KO     1                                  21
 134          KM   BASIN SUB7
 135          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 136          KM    L=       1.0  Lca=       .5    S=    21.0  Kn= .030  LAG=  19.0
 137          KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 138          BA     .24
 139          LG     .19      .19     6.80      .20        3
 140          UI     55.     192.     294.     483.     362.     238.     117.      60.      28.      13.
 141          UI     13.       0.       0.       0.       0.       0.       0.       0.       0.       0.
 142          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

 143          KK  !SUB7T
 144          KO       1                                  22
 145          KM   DIVERT FUTURE ONSITE RETENTION REQUIREMENT
 146          DT  SUB7RT    11.5
 147          DI       0   10000
 148          DQ       0   10000

 149          KK      D7
 150          KM   DIVERT D7 TO CP255A
 151          DT  DI255A
 152          DI       0     250
 153          DQ       0     125

 154          KK   I2712
 155          KM        ADD HYDROGRAPHS AT INTERSECTION OF DYSART RD AND Ind. Sc. Rd
 156          HC       3    1.11

 157          KK    R256
 158          KM
 159          KM      FLOW IS ROUTED DOWN THE WEST SIDE OF DYSART ROAD WITHIN THE EXISTING
 160          KM      CHANNEL
 161          KM      APPROXIMATELY 160 CFS FLOWS ALONG THE EAST SIDE OF DYSART RD.
 162          RS       3    FLOW      -1
 163          RC   0.035   0.035   0.035    3100  0.0014
 164          RX       0       5      10      20      40      50      65      70
 165          RY      12      11      10       5       5      10      11      12

 166          KK   271A
              * KO     1                                  21
 167          KM   BASIN 271A
 168          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 169          KM    L=        .9  Lca=       .5    S=     8.8  Kn= .061  LAG=  42.8
 170          KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 171          BA     .24
 172          LG     .25      .16     4.80      .41     71.1
1                                                HEC-1 INPUT                                                                    PAGE  5

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

 173          UI     19.      20.      67.      90.     108.     128.     154.     214.     230.     180.
 174          UI    152.     125.     104.      84.      55.      34.      31.      21.      19.       8.
 175          UI      6.       6.       6.       6.       6.       0.       0.       0.       0.       0.
 176          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

 177          KK  !271AT
 178          KO       1                                  22
 179          KM        DIVERT ONSITE RETENTION VOLUME
 180          DT  217ART    21.7
 181          DI       0   10000
 182          DQ       0   10000

 183          KK    D257
 184          KM        RETURN DIVERT AT CP257
 185          DR  DI271A

 186          KK   R257
 187          KM        ROUTE DI257 THRU CP271A
 188          RS       5               -1      0.0
 189          RC    0.03     0.03     0.05     4800   0.002
 190          RX       0      0.1        1        7      17      23      73      93
 191          RY    1010     1005     1005     1003    1003    1005    1008    1010

 192          KK  CP271A
 193          KM    COMBINE AT CP271A
 194          HC       2

 195          KK  1I271A
 196          KM        ADD HYDROGRAPHS AT CP271A
 197          HC       2
```

```
198          KK   R271A
199          KM        ROUTE FLOW FROM CP271A TO DETENTION BASIN AT CP271 **REVISED BY FCD
200          KM         *ALSO MODIFIED BY EEC TO ACCOUNT FOR RECENT DEVELOPMENT (Sage Creek)*
201          KM        REMEASURED LENGTH AT 3400 (FROM PREVIOUS 2000)
202          KM        EXISTING CHANNEL, 2750 FT LONG, SLOPE=0.001; 6:1 SIDE SLOPES
203          RS       3    FLOW      -1
             * RC 0.035   0.035   0.035    2750   0.001
             * the length = 2750-400 =2350 ft because part of MCDOT channel becomes
             * part of detention basin 4
204          RC   0.035   0.035   0.035    2350   0.001
205          RX       0      10      20      45      75     100     110     120
206          RY      11      10      10       6       6      10      10      11

207          KK   255A
             * KO     1                                21
208          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 255A (NEW BY FCD)
209          BA   .5968
210          LG     .20     .22    3.88     .29      12
211          UI     91.    359.    542.    814.   1029.    707.    492.    268.    147.     86.
212          UI     28.     28.     28.      0.      0.      0.      0.      0.      0.      0.
213          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE  6

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


214          KK  !255AT
215          KO       1                                22
216          KM   DIVERT FUTURE ONSITE RETENTION REQUIREMENT
217          DT  255ART    30.5
218          DI       0   10000
219          DQ       0   10000

220          KK     D7
221          KM        RETURN DIVERT TO 255A
222          DR  DI255A

223          KK  CP255A
224          KM        ADD HYDROGRAPHS AT CP255A
225          HC       2

226          KK    R255
             * KO     1
227          KM        ROUTE FLOW ALONG INDIAN SCHOOL BYPASS AND A PATH SOUTHEAST TO
228          KM        2712 (around the circle)
229          KM       ASSUME CHANNEL UNLINED, D= 5FT , V<3.93 FT/SEC
230          KM        B=40', 4:1 side slope
231          KM       The length is 1350 ft, which is the half of 2700 ft from
232          KM       previous study (2/21/96, FCD)
233          RS       2    FLOW      -1
234          RC   0.035   0.035   0.035    1350  0.0015
             * B=42, T=82 ft after running flowmaster using computer Q=1200
235          RX      18      19      20      40      82     102     103     104
236          RY      10      10      10       5       5      10      10      10
             * Above water will go to 2712
             * ******************************
             * 2/21/1996, FCD

237          KK   R2712
238          KM        ROUTE FLOW INTO 2712
239          KM       ASSUME CHANNEL UNLINED, D=5 FT, V<3.93 FT/SEC
240          KM       40FT BOTTOM WIDTH, 4:1 SIDE SLOPES, LENGTH = 1500 FT
             * the length is reduced, so use NSTPS=1
241          RS       1    FLOW      -1
             * the length is reduced because the new basin of 18 AC-FT is put at the
             * end of the reach. The length of the channel is 868 ft based on SFC's plan.
             * the total length of R2712 and R255 is 2218 ft.  Since R255 is 1350 ft,
             * R2712 = 2218-1350 = 868 ft
242          RC   0.035   0.035   0.035     868  0.0015
             * B=42, T=82 ft after running flowmaster using computer Q=1200
243          RX      18      19      20      40      82     102     103     104
244          RY      10      10      10       5       5      10      10      10
             * ************

245          KK   2712
             * KO     1                                21
246          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 2712
247          BA     .46
248          LG     .35     .25    4.30     .39    59.8
249          UI     117     397     618     973     667     425     181     102      34      26
1                                          HEC-1 INPUT                                          PAGE  7

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

250          UI       0       0       0       0       0       0       0       0       0       0

251          KK   I2712
             * KO     1       1
252          KM   COMBINE THREE FLOWS
253          HC       3

254          KK   SR271
             * KO     2       2 (2/14/96)
255          KM        STORAGE ROUTE CP271 BEHIND ROOSEVELT CANAL
256          KM        THIS INCLUDES THE TWO EXISTING STORAGE BASINS, THE ADDITIONAL STORAGE
257          KM        OF 14.7 CUFT OF THE PROPOSED BASIN AND FLOODPLAIN PONDING
258          KM        STAGE/STORAGE BASED ON 1014'
259          RS       1    STOR       0
```

```
            * added a portion of MCDOT channel to the new rating curve
            * obtained from SFC (May, 6, 1997) by fax
260         SV       0     5.7   14.59   24.23   34.64   40.24
261         SE    1008    1009    1010    1011    1012  1012.5
            * B=20' (the newest HEC-2 results from ridjob2i.dat by FCD)
262         SQ       0     217     433     650     866    1083
263         SE  1008.3 1009.24 1009.95 1010.68 1011.48 1012.29

264         KK    R271
            * KO     1
265         KM    ROUTE CP271 TO THE MERGING POINT OF TWO CHANNELS
            * RS     1    FLOW      -1
            * use Muskingum-Cunge, since outflow is greater than the inflow
266         RD
267         RC   0.015   0.015   0.015     675  0.0015
            * The new depth = 5ft, new bottom width = 20 ft, new side slope = 1:1
268         RX      10      11      12   17.00    37.0      42      43      44
269         RY      10      10      10     5.0     5.0      10      10      10

270         KK  MERGE
            * KO     1
271         KM        COMBINED Q ALONG INDIAN SCH.RD. INTO OVERCHUTE
272         HC       2    1.34

273         KK  R271_1
274         KM    ROUTE THE MERGING POINT OF TWO CHANNELS TO LITCH, 3/8/96, FCD
275         RD
276         RC   0.015   0.015   0.015     625  0.0015
277         RX      10      11      12      12      42      42      43      44
278         RY      10      10      10     5.0     5.0      10      10      10

279         KK    270
            * KO     1                                21
280         KM   BASIN 270
281         KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN** REVISED BY FCD
282         KM    L=       .7  Lca=       .3   S=   10.5  Kn= .030  LAG=  16.0
283         KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
            * BA   .30
            * 0.0064 mi^2 of 0.3 mi^2 contributes to the west of Litchfield Road
284         BA   .2936
285         LG     .16     .22    3.58     .38    35.4
            * UI  103.    326.    570.    635.    379.    174.     80.     26.     19.
            * UI    0.      0.      0.      0.      0.      0.      0.      0.      0.
            * UI    0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                       HEC-1 INPUT                                                    PAGE  8

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

286         UI    100.    319.    558.    621.    371.    170.     78.     26.     19.      0.
287         UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
288         UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

289         KK  !270OT
290         KO       1                                22
291         KM   DIVERT FUTURE ONSITE RETENTION REQUIREMENT
292         DT  270RET    18.8
293         DI       0   10000
294         DQ       0   10000

295         KK  CP2712
296         KM    PEAK DISCHARGE AT THE RID CANAL OVER-CHUTE (RENAMED BY EEC)
297         HC       2    1.77

298         KK  R2712
299         KM        ROUTE CP2712 TO CP289C
300         RS       4              -1
301         RC   0.045    0.03   0.045    3200  0.0025
302         RX       0      10      20      44      74      98     108     118
303         RY    1009    1007    1006    1000    1000    1006    1007    1009

304         KK   289C
            * KO     1                                21
305         KM   BASIN 289C
306         KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
307         KM    L=       .6  Lca=       .3   S=   12.7  Kn= .050  LAG=  23.0
308         KM    DESERT/RANGELAND S-GRAPH WAS USED FOR THE BASIN
309         BA     .30
310         LG     .35     .36    5.10     .24    13.6
311         UI     43.    160.    301.    397.    405.    317.    217.    148.    100.     72.
312         UI     47.     30.     21.     11.     11.     11.      0.      0.      0.      0.
313         UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

314         KK  CP289C
315         KM        COMBINE CP2712 AND 289C
316         HC       2    3.11

317         KK   R289C
318         KM        ROUTE CP289C TO CP289B
319         KM        EXISTING GOLF COURSE
320         RS       4              -1
321         RC   0.045   0.035   0.045    3500   0.002
322         RX       0      50     100     200     300     400     450     500
323         RY    1010    1008    1005    1003    1003    1005    1008    1010

324         KK   289A
            * KO     1                                21
325         KM   BASIN 289A
326         KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
327         KM    L=       .5  Lca=       .3   S=   15.1  Kn= .044  LAG=  17.8
```

```
 328          KM    DESERT/RANGELAND S-GRAPH WAS USED FOR THE BASIN
 329          BA     .21
 330          LG     .26     .35    4.55     .32      27
 331          UI     52.    201.    337.    360.    253.    155.     94.     58.     34.     22.
1                                          HEC-1 INPUT                                                    PAGE  9

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

 332          UI      9.      9.      9.      0.      0.      0.      0.      0.      0.      0.
 333          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 334          KK   R289A
 335          KM        ROUTE 289A TO CP289B
 336          KM        EXISTING GOLF COURSE
 337          RS       4              -1
 338          RC    0.05   0.035   0.045    3800   0.002
 339          RX       0      20      40      90     120     170     190     210
 340          RY    1010    1008    1006    1002    1002    1006    1008    1010

 341          KK   289B
              * KO     1                                 21
 342          KM   BASIN 289B
 343          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 344          KM    L=       .6  Lca=       .3   S=    6.3  Kn= .030  LAG=  15.8
 345          KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 346          BA     .29
 347          LG     .27     .18    6.80     .16      15
 348          UI    103.    325.    576.    610.    363.    159.     76.     22.     19.      0.
 349          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 350          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 351          KK  CP289B
 352          KM        COMBINE CP289C, 289A A,D 289B
 353          HC       3    3.63

 354          KK  SR289B
 355          KM        STORAGE ROUTE THRU SUB-BASIN 289B
 356          RS       1    STOR            0.0
 357          SV      .0     .41    2.31    7.73   19.51   41.27   41.27
 358          SE    1086    1088    1090    1092    1094    1096    1098
 359          SQ      .0    50.0   300.0   700.0  1150.0  1650.0  2500.0

 360          KK   R289B
 361          KM        ROUTE SR289B TO CP 289D
 362          KM        EXISTING GOLF COURSE
 363          RS       1              -1
 364          RC    0.05   0.035   0.045    1000   0.001
 365          RX       0      20      40      90     120     170     190     210
 366          RY    1010    1008    1006    1002    1002    1005    1008    1010

 367          KK   289D
              * KO     1                                 21
 368          KM   BASIN 289D
 369          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 370          KM    L=       .9  Lca=       .6   S=   11.7  Kn= .030  LAG=  21.4
 371          KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 372          BA     .26
 373          LG     .16     .26    4.79     .36      26
 374          UI     42.    165.    248.    388.    432.    292.    198.     93.     55.     28.
 375          UI     12.     12.      0.      0.      0.      0.      0.      0.      0.      0.
 376          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                                    PAGE 10

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

 377          KK  CP289D
 378          KM        COMBINE SR289B AND 289D
 379          HC       2    3.88

 380          KK  SR289D
 381          KM        STORAGE ROUTE THRU SUB-BASIN 289D
 382          RS       1    STOR            0.0
 383          SV       0    1.08    5.22   14.24   30.78   57.78   57.78
 384          SE    1084    1086    1088    1090    1092    1094    1096
 385          SQ     0.0    50.0   300.0   700.0  1150.0  1650.0  2500.0

 386          KK   R289D
 387          KM        ROUTE SR289B TO CP 289D
 388          KM        EXISTING GOLF COURSE
 389          RS       1              -1
 390          RC    0.05   0.035   0.045    1000   0.002
 391          RX       0      20      40      90     120     170     190     210
 392          RY    1010    1008    1006    1002    1002    1005    1008    1010

 393          KK    289
              * KO     1                                 21
 394          KM   BASIN 289
 395          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
 396          KM    L=       .8  Lca=       .3   S=    7.5  Kn= .030  LAG=  16.7
 397          KM    PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
 398          BA     .27
 399          LG     .28     .27    6.20     .20    30.4
 400          UI     82.    269.    450.    577.    356.    187.     80.     34.     17.      0.
 401          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 402          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 403          KK   CP289
 404          KM        COMBINE 289 AND R289D
```

```
405          HC       2    4.31

406          KK   SR289
407          KM        STORAGE ROUTE THRU SUB-BASIN 289 TO ADOT BASINS
408          RS       1    STOR            0.0
409          SV     0.0    0.38    2.54   10.32   29.86   65.72  121.66
410          SE    1080    1082    1084    1086    1088    1090    1092
411          SQ     0.0    50.0   300.0   700.0  1150.0  1650.0  2500

412          KK   R289
413          KM        ROUTE SR289 TO CP 287C
414          RS       1              -1
415          RC    0.05   0.035   0.045    1000   0.002
416          RX       0      20      40      90     120     170     190     210
417          RY    1010    1008    1006    1002    1002    1005    1008    1010
1                                          HEC-1 INPUT                                                          PAGE 11

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


418          KK   !287C
419          KO       1                                 22
420          KM   BASIN 287C
421          KM    THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
422          KM    L=       .6  Lca=       .3   S=   29.0  Kn= .072  LAG=  29.2
423          KM    AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN
424          BA     .23
425          LG     .27     .15    8.40     .11      53
426          UI     29.     61.    153.    198.    244.    237.    209.    170.    133.     90.
427          UI     72.     46.     34.     27.     18.     16.      8.      4.      4.      4.
428          UI      4.      4.      4.      4.      4.      4.      0.      0.      0.      0.
429          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

430          KK  CP287C
431          KO       1                                 21
432          KM       COMBINE 287C AND SR289
433          HC       2    7.36
             * BELOW: BASED ON RECENT 2' CI DATA

434          KK  !S287C
435          KO       1                                 21
436          KM        STORAGE ROUTE CP287C IN AN I-10 DETENTION BASIN
437          RS       1    STOR       0       0
438          SV       0   25.10   71.68  127.08  189.52  324.54  402.14
439          SE   972.5     976     978     980     982     986     988
440          SQ       0       0       0       0       0       0
441          SE   972.5     976     980     988   988.6     990
442          ZZ
1
             SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE     (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.     (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   26       2711
                .
                .
   36           .-------> 2711RT
   33      !2711T
                .
                .
   39           .       254A
                .          .
                .          .
   49           .          .-------> 254ART
   46           .      !254AT
                .          V
                .          V
   52           .       R254A
                .          .
                .          .
   59      CP2711............
                V
                V
   61       R2711
                .
                .
   67           .        257
                .          .
                .          .
   81           .          .-------> 257RET
   78           .      !257OT
                .          .
                .          .
   86           .          .-------> DI271A
   84           .        D257
                .          V
                .          V
   89           .        R257
                .          .
                .          .
   95           .          .        256
                .          .          .
                .          .          .
  112           .          .          .-------> 256RET
  109           .          .      !256OT
                .          .          .
                .          .          .
```

```
115          .       CP256............
             .           .
             .           .
118          .           .       SUB6
             .           .           .
             .           .           .
130          .           .           .-------> SUB6RT
127          .           .      !SUB6T
             .           .           .
             .           .           .
133          .           .           .       SUB7
             .           .           .           .
             .           .           .           .
146          .           .           .           .-------> SUB7RT
143          .           .           .      !SUB7T
             .           .           .           .
             .           .           .           .
151          .           .           .           .-------> DI255A
149          .           .           .          D7
             .           .           .           .
             .           .           .           .
154          .       I2712........................
             .           V
             .           V
157          .        R256
             .           .
             .           .
166          .           .       271A
             .           .           .
             .           .           .
180          .           .           .-------> 217ART
177          .           .      !271AT
             .           .           .
             .           .           .
185          .           .           .           .<-------  DI271A
183          .           .           .        D257
             .           .           .           V
             .           .           .           V
186          .           .           .       R257
             .           .           .           .
             .           .           .           .
192          .           .      CP271A............
             .           .           .
             .           .           .
195          .      1I271A............
             .           V
             .           V
198          .       R271A
             .           .
             .           .
207          .           .       255A
             .           .           .
             .           .           .
217          .           .           .-------> 255ART
214          .           .      !255AT
             .           .           .
             .           .           .
222          .           .           .           .<-------  DI255A
220          .           .           .         D7
             .           .           .           .
             .           .           .           .
223          .           .      CP255A............
             .           .           V
             .           .           V
226          .           .        R255
             .           .           V
             .           .           V
237          .           .       R2712
             .           .           .
             .           .           .
245          .           .           .       2712
             .           .           .           .
             .           .           .           .
251          .       I2712........................
             .           V
             .           V
254          .       SR271
             .           V
             .           V
264          .        R271
             .           .
             .           .
270     MERGE ............
             V
             V
273     R271_1
             .
             .
279          .        270
             .           .
             .           .
292          .           .-------> 270RET
289          .      !270OT
             .           .
             .           .
295     CP2712............
             V
             V
298     R2712
```

```
                .
                .
  304           .       289C
                .          .
                .          .
  314      CP289C............
                V
                V
  317       R289C
                .
                .
  324           .       289A
                .          V
                .          V
  334           .       R289A
                .          .
                .          .
  341           .          .       289B
                .          .          .
                .          .          .
  351      CP289B......................
                V
                V
  354      SR289B
                V
                V
  360       R289B
                .
                .
  367           .       289D
                .          .
                .          .
  377      CP289D............
                V
                V
  380      SR289D
                V
                V
  386       R289D
                .
                .
  393           .        289
                .          .
                .          .
  403       CP289............
                V
                V
  406       SR289
                V
                V
  412       R289
                .
                .
  418           .       !287C
                .          .
                .          .
  430      CP287C............
                V
                V
  434      !S287C

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION
1****************************************
 *                                      *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
 *              JUN   1998              *
 *           VERSION 4.1                *
 *                                      *
 *  RUN DATE   09JUL07  TIME  14:17:22  *
 *                                      *
 ****************************************
```

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

```
                    10 - 23 - 0 1

                   **DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING   **
                   **WATERSHED SUB BASINS                                    **

                   **BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL**

                                          REVISED BY URS     DATE: 05-17-07
                                                             FILE: GOODREVD.DAT

  12 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        600  NUMBER OF HYDROGRAPH ORDINATES
                      NDDATE      3   0  ENDING DATE
                      NDTIME       0155  ENDING TIME
```

```
                ICENT          19  CENTURY MARK

          COMPUTATION INTERVAL     .08 HOURS
              TOTAL TIME BASE   49.92 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 KK    *    !2711T  *
          *            *
          **************

 34 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .083  TIME INTERVAL IN HOURS

                         DIVERT FUTURE ONSITE RETENTION REQUIREMENT

    DT          DIVERSION
                     ISTAD      2711RT  DIVERSION HYDROGRAPH IDENTIFICATION
                    DSTRMX        5.40  MAXIMUM VOLUME TO BE DIVERTED

    DI             INFLOW         .00  10000.00

    DQ      DIVERTED FLOW         .00  10000.00
                                                    ***
*****************************************************************************************************************************
                                          DIVERSION HYDROGRAPH   2711RT
*****************************************************************************************************************************
```

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		1230	151	0.	*	2		0100	301	0.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	0.	*	2		0105	302	0.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	0.	*	2		0110	303	0.	*	2		1340	453	0.
1		0015	4	0.	*	1		1245	154	0.	*	2		0115	304	0.	*	2		1345	454	0.
1		0020	5	0.	*	1		1250	155	0.	*	2		0120	305	0.	*	2		1350	455	0.
1		0025	6	1.	*	1		1255	156	0.	*	2		0125	306	0.	*	2		1355	456	0.
1		0030	7	1.	*	1		1300	157	0.	*	2		0130	307	0.	*	2		1400	457	0.
1		0035	8	1.	*	1		1305	158	0.	*	2		0135	308	0.	*	2		1405	458	0.
1		0040	9	1.	*	1		1310	159	0.	*	2		0140	309	0.	*	2		1410	459	0.
1		0045	10	1.	*	1		1315	160	0.	*	2		0145	310	0.	*	2		1415	460	0.
1		0050	11	1.	*	1		1320	161	0.	*	2		0150	311	0.	*	2		1420	461	0.
1		0055	12	1.	*	1		1325	162	0.	*	2		0155	312	0.	*	2		1425	462	0.
1		0100	13	1.	*	1		1330	163	0.	*	2		0200	313	0.	*	2		1430	463	0.
1		0105	14	1.	*	1		1335	164	0.	*	2		0205	314	0.	*	2		1435	464	0.
1		0110	15	1.	*	1		1340	165	0.	*	2		0210	315	0.	*	2		1440	465	0.
1		0115	16	1.	*	1		1345	166	0.	*	2		0215	316	0.	*	2		1445	466	0.
1		0120	17	1.	*	1		1350	167	0.	*	2		0220	317	0.	*	2		1450	467	0.
1		0125	18	1.	*	1		1355	168	0.	*	2		0225	318	0.	*	2		1455	468	0.
1		0130	19	1.	*	1		1400	169	0.	*	2		0230	319	0.	*	2		1500	469	0.
1		0135	20	1.	*	1		1405	170	0.	*	2		0235	320	0.	*	2		1505	470	0.
1		0140	21	1.	*	1		1410	171	0.	*	2		0240	321	0.	*	2		1510	471	0.
1		0145	22	1.	*	1		1415	172	0.	*	2		0245	322	0.	*	2		1515	472	0.
1		0150	23	1.	*	1		1420	173	0.	*	2		0250	323	0.	*	2		1520	473	0.
1		0155	24	1.	*	1		1425	174	0.	*	2		0255	324	0.	*	2		1525	474	0.
1		0200	25	1.	*	1		1430	175	0.	*	2		0300	325	0.	*	2		1530	475	0.
1		0205	26	1.	*	1		1435	176	0.	*	2		0305	326	0.	*	2		1535	476	0.
1		0210	27	1.	*	1		1440	177	0.	*	2		0310	327	0.	*	2		1540	477	0.
1		0215	28	1.	*	1		1445	178	0.	*	2		0315	328	0.	*	2		1545	478	0.
1		0220	29	1.	*	1		1450	179	0.	*	2		0320	329	0.	*	2		1550	479	0.
1		0225	30	1.	*	1		1455	180	0.	*	2		0325	330	0.	*	2		1555	480	0.
1		0230	31	1.	*	1		1500	181	0.	*	2		0330	331	0.	*	2		1600	481	0.
1		0235	32	1.	*	1		1505	182	0.	*	2		0335	332	0.	*	2		1605	482	0.
1		0240	33	1.	*	1		1510	183	0.	*	2		0340	333	0.	*	2		1610	483	0.
1		0245	34	1.	*	1		1515	184	0.	*	2		0345	334	0.	*	2		1615	484	0.
1		0250	35	1.	*	1		1520	185	0.	*	2		0350	335	0.	*	2		1620	485	0.
1		0255	36	1.	*	1		1525	186	0.	*	2		0355	336	0.	*	2		1625	486	0.
1		0300	37	1.	*	1		1530	187	0.	*	2		0400	337	0.	*	2		1630	487	0.
1		0305	38	1.	*	1		1535	188	0.	*	2		0405	338	0.	*	2		1635	488	0.
1		0310	39	1.	*	1		1540	189	0.	*	2		0410	339	0.	*	2		1640	489	0.
1		0315	40	1.	*	1		1545	190	0.	*	2		0415	340	0.	*	2		1645	490	0.
1		0320	41	1.	*	1		1550	191	0.	*	2		0420	341	0.	*	2		1650	491	0.
1		0325	42	1.	*	1		1555	192	0.	*	2		0425	342	0.	*	2		1655	492	0.
1		0330	43	1.	*	1		1600	193	0.	*	2		0430	343	0.	*	2		1700	493	0.
1		0335	44	1.	*	1		1605	194	0.	*	2		0435	344	0.	*	2		1705	494	0.

1	0340	45	1.	*	1	1610	195	0.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	1.	*	1	1615	196	0.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	1.	*	1	1620	197	0.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	1.	*	1	1625	198	0.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	1.	*	1	1630	199	0.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	1.	*	1	1635	200	0.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	1.	*	1	1640	201	0.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	1.	*	1	1645	202	0.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	1.	*	1	1650	203	0.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	1.	*	1	1655	204	0.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	1.	*	1	1700	205	0.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	1.	*	1	1705	206	0.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	1.	*	1	1710	207	0.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	1.	*	1	1715	208	0.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	1.	*	1	1720	209	0.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	1.	*	1	1725	210	0.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	1.	*	1	1730	211	0.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	1.	*	1	1735	212	0.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	1.	*	1	1740	213	0.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	1.	*	1	1745	214	0.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	1.	*	1	1750	215	0.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	1.	*	1	1755	216	0.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	1.	*	1	1800	217	0.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	1.	*	1	1805	218	0.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	1.	*	1	1810	219	0.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	1.	*	1	1815	220	0.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	1.	*	1	1820	221	0.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	1.	*	1	1825	222	0.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	1.	*	1	1830	223	0.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	1.	*	1	1835	224	0.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	1.	*	1	1840	225	0.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	1.	*	1	1845	226	0.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	1.	*	1	1850	227	0.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	1.	*	1	1855	228	0.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	1.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	1.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	1.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	1.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	1.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	1.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	1.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	1.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	1.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	1.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	1.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	1.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	1.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	1.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	1.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	1.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	1.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	1.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	1.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	1.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	1.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	1.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	1.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	1.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	1.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	1.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	1.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	2.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	2.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	2.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	2.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	2.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	2.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	2.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	2.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	2.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	2.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	2.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	2.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	2.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	2.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	2.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	2.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	2.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	2.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	2.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	2.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	2.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	2.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	3.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	3.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	3.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	3.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	3.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	4.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	4.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	4.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	4.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	5.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	5.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	5.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	12.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	32.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	53.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	83.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.

1	1155	144	149.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	218.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	65.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	0.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	0.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	0.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 218.	12.00		10.	3.	1.	1.
		(INCHES)	.860	.920	.920	.920
		(AC-FT)	5.	5.	5.	5.

CUMULATIVE AREA = .11 SQ MI

****

HYDROGRAPH AT STATION !2711T

****

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		1230	151	7.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	6.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	6.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	5.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	5.	2		0120	305	0.	2		1350	455	0.
1		0025	6	0.	1		1255	156	4.	2		0125	306	0.	2		1355	456	0.
1		0030	7	0.	1		1300	157	4.	2		0130	307	0.	2		1400	457	0.
1		0035	8	0.	1		1305	158	4.	2		0135	308	0.	2		1405	458	0.
1		0040	9	0.	1		1310	159	4.	2		0140	309	0.	2		1410	459	0.
1		0045	10	0.	1		1315	160	3.	2		0145	310	0.	2		1415	460	0.
1		0050	11	0.	1		1320	161	3.	2		0150	311	0.	2		1420	461	0.
1		0055	12	0.	1		1325	162	3.	2		0155	312	0.	2		1425	462	0.
1		0100	13	0.	1		1330	163	3.	2		0200	313	0.	2		1430	463	0.
1		0105	14	0.	1		1335	164	3.	2		0205	314	0.	2		1435	464	0.
1		0110	15	0.	1		1340	165	3.	2		0210	315	0.	2		1440	465	0.
1		0115	16	0.	1		1345	166	2.	2		0215	316	0.	2		1445	466	0.
1		0120	17	0.	1		1350	167	2.	2		0220	317	0.	2		1450	467	0.
1		0125	18	0.	1		1355	168	2.	2		0225	318	0.	2		1455	468	0.
1		0130	19	0.	1		1400	169	2.	2		0230	319	0.	2		1500	469	0.
1		0135	20	0.	1		1405	170	2.	2		0235	320	0.	2		1505	470	0.
1		0140	21	0.	1		1410	171	2.	2		0240	321	0.	2		1510	471	0.
1		0145	22	0.	1		1415	172	2.	2		0245	322	0.	2		1515	472	0.
1		0150	23	0.	1		1420	173	2.	2		0250	323	0.	2		1520	473	0.
1		0155	24	0.	1		1425	174	2.	2		0255	324	0.	2		1525	474	0.
1		0200	25	0.	1		1430	175	2.	2		0300	325	0.	2		1530	475	0.
1		0205	26	0.	1		1435	176	2.	2		0305	326	0.	2		1535	476	0.
1		0210	27	0.	1		1440	177	2.	2		0310	327	0.	2		1540	477	0.
1		0215	28	0.	1		1445	178	2.	2		0315	328	0.	2		1545	478	0.
1		0220	29	0.	1		1450	179	2.	2		0320	329	0.	2		1550	479	0.
1		0225	30	0.	1		1455	180	2.	2		0325	330	0.	2		1555	480	0.
1		0230	31	0.	1		1500	181	2.	2		0330	331	0.	2		1600	481	0.
1		0235	32	0.	1		1505	182	2.	2		0335	332	0.	2		1605	482	0.
1		0240	33	0.	1		1510	183	2.	2		0340	333	0.	2		1610	483	0.
1		0245	34	0.	1		1515	184	2.	2		0345	334	0.	2		1615	484	0.
1		0250	35	0.	1		1520	185	1.	2		0350	335	0.	2		1620	485	0.
1		0255	36	0.	1		1525	186	1.	2		0355	336	0.	2		1625	486	0.
1		0300	37	0.	1		1530	187	1.	2		0400	337	0.	2		1630	487	0.
1		0305	38	0.	1		1535	188	1.	2		0405	338	0.	2		1635	488	0.
1		0310	39	0.	1		1540	189	1.	2		0410	339	0.	2		1640	489	0.
1		0315	40	0.	1		1545	190	1.	2		0415	340	0.	2		1645	490	0.
1		0320	41	0.	1		1550	191	1.	2		0420	341	0.	2		1650	491	0.
1		0325	42	0.	1		1555	192	1.	2		0425	342	0.	2		1655	492	0.
1		0330	43	0.	1		1600	193	1.	2		0430	343	0.	2		1700	493	0.
1		0335	44	0.	1		1605	194	1.	2		0435	344	0.	2		1705	494	0.
1		0340	45	0.	1		1610	195	1.	2		0440	345	0.	2		1710	495	0.
1		0345	46	0.	1		1615	196	1.	2		0445	346	0.	2		1715	496	0.
1		0350	47	0.	1		1620	197	1.	2		0450	347	0.	2		1720	497	0.
1		0355	48	0.	1		1625	198	1.	2		0455	348	0.	2		1725	498	0.
1		0400	49	0.	1		1630	199	1.	2		0500	349	0.	2		1730	499	0.
1		0405	50	0.	1		1635	200	1.	2		0505	350	0.	2		1735	500	0.
1		0410	51	0.	1		1640	201	1.	2		0510	351	0.	2		1740	501	0.
1		0415	52	0.	1		1645	202	1.	2		0515	352	0.	2		1745	502	0.
1		0420	53	0.	1		1650	203	1.	2		0520	353	0.	2		1750	503	0.
1		0425	54	0.	1		1655	204	1.	2		0525	354	0.	2		1755	504	0.
1		0430	55	0.	1		1700	205	1.	2		0530	355	0.	2		1800	505	0.
1		0435	56	0.	1		1705	206	1.	2		0535	356	0.	2		1805	506	0.
1		0440	57	0.	1		1710	207	1.	2		0540	357	0.	2		1810	507	0.
1		0445	58	0.	1		1715	208	1.	2		0545	358	0.	2		1815	508	0.
1		0450	59	0.	1		1720	209	1.	2		0550	359	0.	2		1820	509	0.
1		0455	60	0.	1		1725	210	1.	2		0555	360	0.	2		1825	510	0.
1		0500	61	0.	1		1730	211	1.	2		0600	361	0.	2		1830	511	0.
1		0505	62	0.	1		1735	212	1.	2		0605	362	0.	2		1835	512	0.
1		0510	63	0.	1		1740	213	1.	2		0610	363	0.	2		1840	513	0.
1		0515	64	0.	1		1745	214	1.	2		0615	364	0.	2		1845	514	0.
1		0520	65	0.	1		1750	215	1.	2		0620	365	0.	2		1850	515	0.
1		0525	66	0.	1		1755	216	1.	2		0625	366	0.	2		1855	516	0.
1		0530	67	0.	1		1800	217	1.	2		0630	367	0.	2		1900	517	0.
1		0535	68	0.	1		1805	218	1.	2		0635	368	0.	2		1905	518	0.
1		0540	69	0.	1		1810	219	1.	2		0640	369	0.	2		1910	519	0.
1		0545	70	0.	1		1815	220	1.	2		0645	370	0.	2		1915	520	0.

1	0550	71	0.	*	1	1820	221	1.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	1.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	1.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	1.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	1.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	1.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	1.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	1.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	1.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	1.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	1.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	1.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	1.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	1.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	1.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	1.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	1.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	1.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	1.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	1.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	1.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	1.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	1.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	1.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	1.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	1.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	1.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	1.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	1.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	1.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	1.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	1.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	1.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	1.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	1.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	1.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	1.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	1.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	1.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	1.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	1.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	1.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	1.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	1.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	1.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	1.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	1.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	1.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	1.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	1.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	1.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	1.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	1.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	0.	*	1	2245	274	1.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	1.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	1.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	1.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	0.	*	1	2305	278	1.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	1.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	1.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	1.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	1.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	1.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	1.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	1.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	1.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	1.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	1.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	153.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	142.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	56.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	22.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	11.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 153.	12.08		7.	2.	1.	1.
		(INCHES)	.609	.671	.671	.671
		(AC-FT)	4.	4.	4.	4.

CUMULATIVE AREA = .11 SQ MI

*** ***

```
          **************
          *            *
46 KK     *   !254AT   *
          *            *
          **************

47 KO          OUTPUT CONTROL VARIABLES
                    IPRNT          1  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE
                    IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                     IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                    ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                    ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                   TIMINT       .083  TIME INTERVAL IN HOURS

                       DIVERT FUTURE ONSITE RETENTION REQUIREMENT

   DT          DIVERSION
                    ISTAD      254ART  DIVERSION HYDROGRAPH IDENTIFICATION
                   DSTRMX        9.00  MAXIMUM VOLUME TO BE DIVERTED

   DI            INFLOW         .00  10000.00

   DQ      DIVERTED FLOW        .00  10000.00
```

***

****

DIVERSION HYDROGRAPH 254ART

****

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		1230	151	0.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	0.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	0.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	0.	2		0115	304	0.	2		1345	454	0.
1		0020	5	1.	1		1250	155	0.	2		0120	305	0.	2		1350	455	0.
1		0025	6	1.	1		1255	156	0.	2		0125	306	0.	2		1355	456	0.
1		0030	7	1.	1		1300	157	0.	2		0130	307	0.	2		1400	457	0.
1		0035	8	1.	1		1305	158	0.	2		0135	308	0.	2		1405	458	0.
1		0040	9	1.	1		1310	159	0.	2		0140	309	0.	2		1410	459	0.
1		0045	10	1.	1		1315	160	0.	2		0145	310	0.	2		1415	460	0.
1		0050	11	1.	1		1320	161	0.	2		0150	311	0.	2		1420	461	0.
1		0055	12	1.	1		1325	162	0.	2		0155	312	0.	2		1425	462	0.
1		0100	13	1.	1		1330	163	0.	2		0200	313	0.	2		1430	463	0.
1		0105	14	1.	1		1335	164	0.	2		0205	314	0.	2		1435	464	0.
1		0110	15	1.	1		1340	165	0.	2		0210	315	0.	2		1440	465	0.
1		0115	16	1.	1		1345	166	0.	2		0215	316	0.	2		1445	466	0.
1		0120	17	1.	1		1350	167	0.	2		0220	317	0.	2		1450	467	0.
1		0125	18	1.	1		1355	168	0.	2		0225	318	0.	2		1455	468	0.
1		0130	19	1.	1		1400	169	0.	2		0230	319	0.	2		1500	469	0.
1		0135	20	1.	1		1405	170	0.	2		0235	320	0.	2		1505	470	0.
1		0140	21	1.	1		1410	171	0.	2		0240	321	0.	2		1510	471	0.
1		0145	22	1.	1		1415	172	0.	2		0245	322	0.	2		1515	472	0.
1		0150	23	1.	1		1420	173	0.	2		0250	323	0.	2		1520	473	0.
1		0155	24	1.	1		1425	174	0.	2		0255	324	0.	2		1525	474	0.
1		0200	25	1.	1		1430	175	0.	2		0300	325	0.	2		1530	475	0.
1		0205	26	1.	1		1435	176	0.	2		0305	326	0.	2		1535	476	0.
1		0210	27	1.	1		1440	177	0.	2		0310	327	0.	2		1540	477	0.
1		0215	28	1.	1		1445	178	0.	2		0315	328	0.	2		1545	478	0.
1		0220	29	1.	1		1450	179	0.	2		0320	329	0.	2		1550	479	0.
1		0225	30	1.	1		1455	180	0.	2		0325	330	0.	2		1555	480	0.
1		0230	31	1.	1		1500	181	0.	2		0330	331	0.	2		1600	481	0.
1		0235	32	1.	1		1505	182	0.	2		0335	332	0.	2		1605	482	0.
1		0240	33	1.	1		1510	183	0.	2		0340	333	0.	2		1610	483	0.
1		0245	34	1.	1		1515	184	0.	2		0345	334	0.	2		1615	484	0.
1		0250	35	1.	1		1520	185	0.	2		0350	335	0.	2		1620	485	0.
1		0255	36	1.	1		1525	186	0.	2		0355	336	0.	2		1625	486	0.
1		0300	37	1.	1		1530	187	0.	2		0400	337	0.	2		1630	487	0.
1		0305	38	1.	1		1535	188	0.	2		0405	338	0.	2		1635	488	0.
1		0310	39	1.	1		1540	189	0.	2		0410	339	0.	2		1640	489	0.
1		0315	40	1.	1		1545	190	0.	2		0415	340	0.	2		1645	490	0.
1		0320	41	1.	1		1550	191	0.	2		0420	341	0.	2		1650	491	0.
1		0325	42	1.	1		1555	192	0.	2		0425	342	0.	2		1655	492	0.
1		0330	43	1.	1		1600	193	0.	2		0430	343	0.	2		1700	493	0.
1		0335	44	1.	1		1605	194	0.	2		0435	344	0.	2		1705	494	0.
1		0340	45	1.	1		1610	195	0.	2		0440	345	0.	2		1710	495	0.
1		0345	46	1.	1		1615	196	0.	2		0445	346	0.	2		1715	496	0.
1		0350	47	1.	1		1620	197	0.	2		0450	347	0.	2		1720	497	0.
1		0355	48	1.	1		1625	198	0.	2		0455	348	0.	2		1725	498	0.
1		0400	49	1.	1		1630	199	0.	2		0500	349	0.	2		1730	499	0.
1		0405	50	1.	1		1635	200	0.	2		0505	350	0.	2		1735	500	0.
1		0410	51	2.	1		1640	201	0.	2		0510	351	0.	2		1740	501	0.
1		0415	52	2.	1		1645	202	0.	2		0515	352	0.	2		1745	502	0.
1		0420	53	2.	1		1650	203	0.	2		0520	353	0.	2		1750	503	0.
1		0425	54	2.	1		1655	204	0.	2		0525	354	0.	2		1755	504	0.
1		0430	55	2.	1		1700	205	0.	2		0530	355	0.	2		1800	505	0.
1		0435	56	2.	1		1705	206	0.	2		0535	356	0.	2		1805	506	0.
1		0440	57	2.	1		1710	207	0.	2		0540	357	0.	2		1810	507	0.
1		0445	58	2.	1		1715	208	0.	2		0545	358	0.	2		1815	508	0.
1		0450	59	2.	1		1720	209	0.	2		0550	359	0.	2		1820	509	0.
1		0455	60	2.	1		1725	210	0.	2		0555	360	0.	2		1825	510	0.
1		0500	61	2.	1		1730	211	0.	2		0600	361	0.	2		1830	511	0.
1		0505	62	2.	1		1735	212	0.	2		0605	362	0.	2		1835	512	0.
1		0510	63	2.	1		1740	213	0.	2		0610	363	0.	2		1840	513	0.

1	0515	64	2.	*	1	1745	214	0.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	2.	*	1	1750	215	0.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	2.	*	1	1755	216	0.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	2.	*	1	1800	217	0.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	2.	*	1	1805	218	0.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	2.	*	1	1810	219	0.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	2.	*	1	1815	220	0.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	2.	*	1	1820	221	0.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	2.	*	1	1825	222	0.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	2.	*	1	1830	223	0.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	2.	*	1	1835	224	0.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	2.	*	1	1840	225	0.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	2.	*	1	1845	226	0.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	2.	*	1	1850	227	0.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	2.	*	1	1855	228	0.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	2.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	2.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	2.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	2.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	2.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	2.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	2.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	2.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	2.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	2.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	2.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	2.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	2.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	2.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	2.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	2.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	2.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	2.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	2.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	2.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	2.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	2.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	2.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	2.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	2.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	3.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	3.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	3.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	3.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	3.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	3.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	3.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	3.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	3.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	3.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	3.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	3.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	3.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	3.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	3.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	3.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	3.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	3.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	4.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	4.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	4.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	4.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	4.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	4.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	5.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	5.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	5.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	6.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	6.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	6.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	7.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	7.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	7.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	8.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	8.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	9.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	14.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	27.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	51.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	92.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	157.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	253.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	328.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	82.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	0.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	0.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 328.	12.08		17.	5.	2.	2.
		(INCHES)	.783	.844	.844	.844
		(AC-FT)	8.	9.	9.	9.

CUMULATIVE AREA = .20 SQ MI

HYDROGRAPH AT STATION !254AT

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		1230	151	36.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	20.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	15.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	10.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	10.	2		0120	305	0.	2		1350	455	0.
1		0025	6	0.	1		1255	156	9.	2		0125	306	0.	2		1355	456	0.
1		0030	7	0.	1		1300	157	8.	2		0130	307	0.	2		1400	457	0.
1		0035	8	0.	1		1305	158	8.	2		0135	308	0.	2		1405	458	0.
1		0040	9	0.	1		1310	159	7.	2		0140	309	0.	2		1410	459	0.
1		0045	10	0.	1		1315	160	7.	2		0145	310	0.	2		1415	460	0.
1		0050	11	0.	1		1320	161	6.	2		0150	311	0.	2		1420	461	0.
1		0055	12	0.	1		1325	162	6.	2		0155	312	0.	2		1425	462	0.
1		0100	13	0.	1		1330	163	6.	2		0200	313	0.	2		1430	463	0.
1		0105	14	0.	1		1335	164	5.	2		0205	314	0.	2		1435	464	0.
1		0110	15	0.	1		1340	165	5.	2		0210	315	0.	2		1440	465	0.
1		0115	16	0.	1		1345	166	5.	2		0215	316	0.	2		1445	466	0.
1		0120	17	0.	1		1350	167	5.	2		0220	317	0.	2		1450	467	0.
1		0125	18	0.	1		1355	168	4.	2		0225	318	0.	2		1455	468	0.
1		0130	19	0.	1		1400	169	4.	2		0230	319	0.	2		1500	469	0.
1		0135	20	0.	1		1405	170	4.	2		0235	320	0.	2		1505	470	0.
1		0140	21	0.	1		1410	171	4.	2		0240	321	0.	2		1510	471	0.
1		0145	22	0.	1		1415	172	4.	2		0245	322	0.	2		1515	472	0.
1		0150	23	0.	1		1420	173	4.	2		0250	323	0.	2		1520	473	0.
1		0155	24	0.	1		1425	174	3.	2		0255	324	0.	2		1525	474	0.
1		0200	25	0.	1		1430	175	3.	2		0300	325	0.	2		1530	475	0.
1		0205	26	0.	1		1435	176	3.	2		0305	326	0.	2		1535	476	0.
1		0210	27	0.	1		1440	177	3.	2		0310	327	0.	2		1540	477	0.
1		0215	28	0.	1		1445	178	3.	2		0315	328	0.	2		1545	478	0.
1		0220	29	0.	1		1450	179	3.	2		0320	329	0.	2		1550	479	0.
1		0225	30	0.	1		1455	180	3.	2		0325	330	0.	2		1555	480	0.
1		0230	31	0.	1		1500	181	3.	2		0330	331	0.	2		1600	481	0.
1		0235	32	0.	1		1505	182	3.	2		0335	332	0.	2		1605	482	0.
1		0240	33	0.	1		1510	183	3.	2		0340	333	0.	2		1610	483	0.
1		0245	34	0.	1		1515	184	3.	2		0345	334	0.	2		1615	484	0.
1		0250	35	0.	1		1520	185	3.	2		0350	335	0.	2		1620	485	0.
1		0255	36	0.	1		1525	186	3.	2		0355	336	0.	2		1625	486	0.
1		0300	37	0.	1		1530	187	3.	2		0400	337	0.	2		1630	487	0.
1		0305	38	0.	1		1535	188	2.	2		0405	338	0.	2		1635	488	0.
1		0310	39	0.	1		1540	189	2.	2		0410	339	0.	2		1640	489	0.
1		0315	40	0.	1		1545	190	2.	2		0415	340	0.	2		1645	490	0.
1		0320	41	0.	1		1550	191	2.	2		0420	341	0.	2		1650	491	0.
1		0325	42	0.	1		1555	192	2.	2		0425	342	0.	2		1655	492	0.
1		0330	43	0.	1		1600	193	2.	2		0430	343	0.	2		1700	493	0.
1		0335	44	0.	1		1605	194	2.	2		0435	344	0.	2		1705	494	0.
1		0340	45	0.	1		1610	195	2.	2		0440	345	0.	2		1710	495	0.
1		0345	46	0.	1		1615	196	2.	2		0445	346	0.	2		1715	496	0.
1		0350	47	0.	1		1620	197	2.	2		0450	347	0.	2		1720	497	0.
1		0355	48	0.	1		1625	198	2.	2		0455	348	0.	2		1725	498	0.
1		0400	49	0.	1		1630	199	2.	2		0500	349	0.	2		1730	499	0.
1		0405	50	0.	1		1635	200	2.	2		0505	350	0.	2		1735	500	0.
1		0410	51	0.	1		1640	201	2.	2		0510	351	0.	2		1740	501	0.
1		0415	52	0.	1		1645	202	2.	2		0515	352	0.	2		1745	502	0.
1		0420	53	0.	1		1650	203	2.	2		0520	353	0.	2		1750	503	0.
1		0425	54	0.	1		1655	204	2.	2		0525	354	0.	2		1755	504	0.
1		0430	55	0.	1		1700	205	2.	2		0530	355	0.	2		1800	505	0.
1		0435	56	0.	1		1705	206	2.	2		0535	356	0.	2		1805	506	0.
1		0440	57	0.	1		1710	207	2.	2		0540	357	0.	2		1810	507	0.
1		0445	58	0.	1		1715	208	2.	2		0545	358	0.	2		1815	508	0.
1		0450	59	0.	1		1720	209	2.	2		0550	359	0.	2		1820	509	0.
1		0455	60	0.	1		1725	210	2.	2		0555	360	0.	2		1825	510	0.
1		0500	61	0.	1		1730	211	2.	2		0600	361	0.	2		1830	511	0.
1		0505	62	0.	1		1735	212	2.	2		0605	362	0.	2		1835	512	0.
1		0510	63	0.	1		1740	213	2.	2		0610	363	0.	2		1840	513	0.
1		0515	64	0.	1		1745	214	2.	2		0615	364	0.	2		1845	514	0.
1		0520	65	0.	1		1750	215	2.	2		0620	365	0.	2		1850	515	0.
1		0525	66	0.	1		1755	216	2.	2		0625	366	0.	2		1855	516	0.
1		0530	67	0.	1		1800	217	2.	2		0630	367	0.	2		1900	517	0.
1		0535	68	0.	1		1805	218	2.	2		0635	368	0.	2		1905	518	0.
1		0540	69	0.	1		1810	219	2.	2		0640	369	0.	2		1910	519	0.
1		0545	70	0.	1		1815	220	2.	2		0645	370	0.	2		1915	520	0.
1		0550	71	0.	1		1820	221	2.	2		0650	371	0.	2		1920	521	0.
1		0555	72	0.	1		1825	222	2.	2		0655	372	0.	2		1925	522	0.
1		0600	73	0.	1		1830	223	2.	2		0700	373	0.	2		1930	523	0.
1		0605	74	0.	1		1835	224	2.	2		0705	374	0.	2		1935	524	0.
1		0610	75	0.	1		1840	225	2.	2		0710	375	0.	2		1940	525	0.
1		0615	76	0.	1		1845	226	2.	2		0715	376	0.	2		1945	526	0.
1		0620	77	0.	1		1850	227	2.	2		0720	377	0.	2		1950	527	0.
1		0625	78	0.	1		1855	228	2.	2		0725	378	0.	2		1955	528	0.
1		0630	79	0.	1		1900	229	2.	2		0730	379	0.	2		2000	529	0.
1		0635	80	0.	1		1905	230	2.	2		0735	380	0.	2		2005	530	0.
1		0640	81	0.	1		1910	231	2.	2		0740	381	0.	2		2010	531	0.
1		0645	82	0.	1		1915	232	2.	2		0745	382	0.	2		2015	532	0.
1		0650	83	0.	1		1920	233	2.	2		0750	383	0.	2		2020	533	0.
1		0655	84	0.	1		1925	234	2.	2		0755	384	0.	2		2025	534	0.
1		0700	85	0.	1		1930	235	2.	2		0800	385	0.	2		2030	535	0.
1		0705	86	0.	1		1935	236	2.	2		0805	386	0.	2		2035	536	0.
1		0710	87	0.	1		1940	237	2.	2		0810	387	0.	2		2040	537	0.
1		0715	88	0.	1		1945	238	2.	2		0815	388	0.	2		2045	538	0.
1		0720	89	0.	1		1950	239	2.	2		0820	389	0.	2		2050	539	0.

1	0725	90	0.	*	1	1955	240	1.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	1.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	1.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	1.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	1.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	1.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	1.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	1.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	1.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	1.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	1.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	1.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	1.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	1.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	1.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	1.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	1.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	1.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	1.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	1.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	1.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	1.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	1.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	1.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	1.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	1.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	1.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	1.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	1.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	1.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	1.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	1.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	1.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	1.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	0.	*	1	2245	274	1.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	1.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	1.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	1.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	0.	*	1	2305	278	1.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	1.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	1.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	1.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	1.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	1.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	1.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	1.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	1.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	1.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	1.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	1.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	1.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	1.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	0.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	239.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	234.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	130.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	64.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW (CFS) 6-HR	24-HR	72-HR	49.92-HR
+ 239.	12.17	13.	4.	2.	2.
		(INCHES) .621	.682	.682	.682
		(AC-FT) 7.	7.	7.	7.

CUMULATIVE AREA = .20 SQ MI

*** ***

```
            **************
            *            *
  78 KK     *    !257OT  *
            *            *
            **************
```

79 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	22	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	600	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

DIVERT FUTURE ONSITE RETENTION REQUIREMENT

DT DIVERSION

ISTAD 257RET DIVERSION HYDROGRAPH IDENTIFICATION
DSTRMX 25.50 MAXIMUM VOLUME TO BE DIVERTED

DI INFLOW .00 10000.00

DQ DIVERTED FLOW .00 10000.00

***

DIVERSION HYDROGRAPH 257RET

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		1230	151	95.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	105.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	114.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	122.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	132.	2		0120	305	0.	2		1350	455	0.
1		0025	6	0.	1		1255	156	143.	2		0125	306	0.	2		1355	456	0.
1		0030	7	0.	1		1300	157	156.	2		0130	307	0.	2		1400	457	0.
1		0035	8	0.	1		1305	158	170.	2		0135	308	0.	2		1405	458	0.
1		0040	9	0.	1		1310	159	185.	2		0140	309	0.	2		1410	459	0.
1		0045	10	0.	1		1315	160	200.	2		0145	310	0.	2		1415	460	0.
1		0050	11	0.	1		1320	161	212.	2		0150	311	0.	2		1420	461	0.
1		0055	12	0.	1		1325	162	213.	2		0155	312	0.	2		1425	462	0.
1		0100	13	0.	1		1330	163	205.	2		0200	313	0.	2		1430	463	0.
1		0105	14	0.	1		1335	164	189.	2		0205	314	0.	2		1435	464	0.
1		0110	15	0.	1		1340	165	177.	2		0210	315	0.	2		1440	465	0.
1		0115	16	1.	1		1345	166	165.	2		0215	316	0.	2		1445	466	0.
1		0120	17	1.	1		1350	167	155.	2		0220	317	0.	2		1450	467	0.
1		0125	18	1.	1		1355	168	145.	2		0225	318	0.	2		1455	468	0.
1		0130	19	1.	1		1400	169	9.	2		0230	319	0.	2		1500	469	0.
1		0135	20	1.	1		1405	170	0.	2		0235	320	0.	2		1505	470	0.
1		0140	21	1.	1		1410	171	0.	2		0240	321	0.	2		1510	471	0.
1		0145	22	1.	1		1415	172	0.	2		0245	322	0.	2		1515	472	0.
1		0150	23	1.	1		1420	173	0.	2		0250	323	0.	2		1520	473	0.
1		0155	24	1.	1		1425	174	0.	2		0255	324	0.	2		1525	474	0.
1		0200	25	1.	1		1430	175	0.	2		0300	325	0.	2		1530	475	0.
1		0205	26	2.	1		1435	176	0.	2		0305	326	0.	2		1535	476	0.
1		0210	27	2.	1		1440	177	0.	2		0310	327	0.	2		1540	477	0.
1		0215	28	2.	1		1445	178	0.	2		0315	328	0.	2		1545	478	0.
1		0220	29	2.	1		1450	179	0.	2		0320	329	0.	2		1550	479	0.
1		0225	30	2.	1		1455	180	0.	2		0325	330	0.	2		1555	480	0.
1		0230	31	2.	1		1500	181	0.	2		0330	331	0.	2		1600	481	0.
1		0235	32	2.	1		1505	182	0.	2		0335	332	0.	2		1605	482	0.
1		0240	33	2.	1		1510	183	0.	2		0340	333	0.	2		1610	483	0.
1		0245	34	2.	1		1515	184	0.	2		0345	334	0.	2		1615	484	0.
1		0250	35	2.	1		1520	185	0.	2		0350	335	0.	2		1620	485	0.
1		0255	36	2.	1		1525	186	0.	2		0355	336	0.	2		1625	486	0.
1		0300	37	2.	1		1530	187	0.	2		0400	337	0.	2		1630	487	0.
1		0305	38	2.	1		1535	188	0.	2		0405	338	0.	2		1635	488	0.
1		0310	39	2.	1		1540	189	0.	2		0410	339	0.	2		1640	489	0.
1		0315	40	2.	1		1545	190	0.	2		0415	340	0.	2		1645	490	0.
1		0320	41	2.	1		1550	191	0.	2		0420	341	0.	2		1650	491	0.
1		0325	42	2.	1		1555	192	0.	2		0425	342	0.	2		1655	492	0.
1		0330	43	2.	1		1600	193	0.	2		0430	343	0.	2		1700	493	0.
1		0335	44	2.	1		1605	194	0.	2		0435	344	0.	2		1705	494	0.
1		0340	45	2.	1		1610	195	0.	2		0440	345	0.	2		1710	495	0.
1		0345	46	2.	1		1615	196	0.	2		0445	346	0.	2		1715	496	0.
1		0350	47	2.	1		1620	197	0.	2		0450	347	0.	2		1720	497	0.
1		0355	48	2.	1		1625	198	0.	2		0455	348	0.	2		1725	498	0.
1		0400	49	2.	1		1630	199	0.	2		0500	349	0.	2		1730	499	0.
1		0405	50	2.	1		1635	200	0.	2		0505	350	0.	2		1735	500	0.
1		0410	51	2.	1		1640	201	0.	2		0510	351	0.	2		1740	501	0.
1		0415	52	2.	1		1645	202	0.	2		0515	352	0.	2		1745	502	0.
1		0420	53	2.	1		1650	203	0.	2		0520	353	0.	2		1750	503	0.
1		0425	54	2.	1		1655	204	0.	2		0525	354	0.	2		1755	504	0.
1		0430	55	2.	1		1700	205	0.	2		0530	355	0.	2		1800	505	0.
1		0435	56	2.	1		1705	206	0.	2		0535	356	0.	2		1805	506	0.
1		0440	57	2.	1		1710	207	0.	2		0540	357	0.	2		1810	507	0.
1		0445	58	2.	1		1715	208	0.	2		0545	358	0.	2		1815	508	0.
1		0450	59	2.	1		1720	209	0.	2		0550	359	0.	2		1820	509	0.
1		0455	60	2.	1		1725	210	0.	2		0555	360	0.	2		1825	510	0.
1		0500	61	2.	1		1730	211	0.	2		0600	361	0.	2		1830	511	0.
1		0505	62	2.	1		1735	212	0.	2		0605	362	0.	2		1835	512	0.
1		0510	63	2.	1		1740	213	0.	2		0610	363	0.	2		1840	513	0.
1		0515	64	2.	1		1745	214	0.	2		0615	364	0.	2		1845	514	0.
1		0520	65	3.	1		1750	215	0.	2		0620	365	0.	2		1850	515	0.
1		0525	66	3.	1		1755	216	0.	2		0625	366	0.	2		1855	516	0.
1		0530	67	3.	1		1800	217	0.	2		0630	367	0.	2		1900	517	0.
1		0535	68	3.	1		1805	218	0.	2		0635	368	0.	2		1905	518	0.
1		0540	69	3.	1		1810	219	0.	2		0640	369	0.	2		1910	519	0.
1		0545	70	3.	1		1815	220	0.	2		0645	370	0.	2		1915	520	0.
1		0550	71	3.	1		1820	221	0.	2		0650	371	0.	2		1920	521	0.
1		0555	72	3.	1		1825	222	0.	2		0655	372	0.	2		1925	522	0.
1		0600	73	3.	1		1830	223	0.	2		0700	373	0.	2		1930	523	0.
1		0605	74	3.	1		1835	224	0.	2		0705	374	0.	2		1935	524	0.
1		0610	75	3.	1		1840	225	0.	2		0710	375	0.	2		1940	525	0.
1		0615	76	3.	1		1845	226	0.	2		0715	376	0.	2		1945	526	0.
1		0620	77	3.	1		1850	227	0.	2		0720	377	0.	2		1950	527	0.
1		0625	78	3.	1		1855	228	0.	2		0725	378	0.	2		1955	528	0.
1		0630	79	3.	1		1900	229	0.	2		0730	379	0.	2		2000	529	0.
1		0635	80	3.	1		1905	230	0.	2		0735	380	0.	2		2005	530	0.
1		0640	81	3.	1		1910	231	0.	2		0740	381	0.	2		2010	531	0.
1		0645	82	3.	1		1915	232	0.	2		0745	382	0.	2		2015	532	0.

1	0650	83	3.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	3.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	3.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	3.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	3.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	3.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	3.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	3.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	3.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	3.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	3.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	3.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	3.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	3.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	3.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	3.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	3.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	3.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	3.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	4.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	4.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	4.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	4.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	4.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	4.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	4.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	4.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	4.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	4.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	4.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	4.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	4.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	4.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	4.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	4.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	4.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	5.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	5.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	5.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	5.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	5.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	5.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	5.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	5.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	5.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	5.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	6.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	6.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	6.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	6.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	6.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	6.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	7.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	7.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	7.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	8.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	9.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	10.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	12.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	14.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	19.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	25.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	33.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	38.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	47.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	59.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	73.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	85.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+		(CFS)				
+ 213.	13.42		49.	13.	6.	6.
		(INCHES)	1.333	1.406	1.406	1.406
		(AC-FT)	24.	26.	26.	26.

CUMULATIVE AREA = .34 SQ MI

****

HYDROGRAPH AT STATION !257OT

****

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		1230	151	0.	*	2		0100	301	2.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	0.	*	2		0105	302	2.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	0.	*	2		0110	303	2.	*	2		1340	453	0.
1		0015	4	0.	*	1		1245	154	0.	*	2		0115	304	1.	*	2		1345	454	0.
1		0020	5	0.	*	1		1250	155	0.	*	2		0120	305	1.	*	2		1350	455	0.
1		0025	6	0.	*	1		1255	156	0.	*	2		0125	306	1.	*	2		1355	456	0.
1		0030	7	0.	*	1		1300	157	0.	*	2		0130	307	1.	*	2		1400	457	0.
1		0035	8	0.	*	1		1305	158	0.	*	2		0135	308	1.	*	2		1405	458	0.
1		0040	9	0.	*	1		1310	159	0.	*	2		0140	309	1.	*	2		1410	459	0.

1	0045	10	0.	*	1	1315	160	0.	*	2	0145	310	1.	*	2	1415	460	0.
1	0050	11	0.	*	1	1320	161	0.	*	2	0150	311	1.	*	2	1420	461	0.
1	0055	12	0.	*	1	1325	162	0.	*	2	0155	312	1.	*	2	1425	462	0.
1	0100	13	0.	*	1	1330	163	0.	*	2	0200	313	1.	*	2	1430	463	0.
1	0105	14	0.	*	1	1335	164	0.	*	2	0205	314	1.	*	2	1435	464	0.
1	0110	15	0.	*	1	1340	165	0.	*	2	0210	315	0.	*	2	1440	465	0.
1	0115	16	0.	*	1	1345	166	0.	*	2	0215	316	0.	*	2	1445	466	0.
1	0120	17	0.	*	1	1350	167	0.	*	2	0220	317	0.	*	2	1450	467	0.
1	0125	18	0.	*	1	1355	168	0.	*	2	0225	318	0.	*	2	1455	468	0.
1	0130	19	0.	*	1	1400	169	126.	*	2	0230	319	0.	*	2	1500	469	0.
1	0135	20	0.	*	1	1405	170	125.	*	2	0235	320	0.	*	2	1505	470	0.
1	0140	21	0.	*	1	1410	171	115.	*	2	0240	321	0.	*	2	1510	471	0.
1	0145	22	0.	*	1	1415	172	106.	*	2	0245	322	0.	*	2	1515	472	0.
1	0150	23	0.	*	1	1420	173	96.	*	2	0250	323	0.	*	2	1520	473	0.
1	0155	24	0.	*	1	1425	174	86.	*	2	0255	324	0.	*	2	1525	474	0.
1	0200	25	0.	*	1	1430	175	76.	*	2	0300	325	0.	*	2	1530	475	0.
1	0205	26	0.	*	1	1435	176	65.	*	2	0305	326	0.	*	2	1535	476	0.
1	0210	27	0.	*	1	1440	177	56.	*	2	0310	327	0.	*	2	1540	477	0.
1	0215	28	0.	*	1	1445	178	49.	*	2	0315	328	0.	*	2	1545	478	0.
1	0220	29	0.	*	1	1450	179	45.	*	2	0320	329	0.	*	2	1550	479	0.
1	0225	30	0.	*	1	1455	180	42.	*	2	0325	330	0.	*	2	1555	480	0.
1	0230	31	0.	*	1	1500	181	39.	*	2	0330	331	0.	*	2	1600	481	0.
1	0235	32	0.	*	1	1505	182	35.	*	2	0335	332	0.	*	2	1605	482	0.
1	0240	33	0.	*	1	1510	183	31.	*	2	0340	333	0.	*	2	1610	483	0.
1	0245	34	0.	*	1	1515	184	27.	*	2	0345	334	0.	*	2	1615	484	0.
1	0250	35	0.	*	1	1520	185	26.	*	2	0350	335	0.	*	2	1620	485	0.
1	0255	36	0.	*	1	1525	186	22.	*	2	0355	336	0.	*	2	1625	486	0.
1	0300	37	0.	*	1	1530	187	19.	*	2	0400	337	0.	*	2	1630	487	0.
1	0305	38	0.	*	1	1535	188	16.	*	2	0405	338	0.	*	2	1635	488	0.
1	0310	39	0.	*	1	1540	189	15.	*	2	0410	339	0.	*	2	1640	489	0.
1	0315	40	0.	*	1	1545	190	14.	*	2	0415	340	0.	*	2	1645	490	0.
1	0320	41	0.	*	1	1550	191	14.	*	2	0420	341	0.	*	2	1650	491	0.
1	0325	42	0.	*	1	1555	192	13.	*	2	0425	342	0.	*	2	1655	492	0.
1	0330	43	0.	*	1	1600	193	13.	*	2	0430	343	0.	*	2	1700	493	0.
1	0335	44	0.	*	1	1605	194	13.	*	2	0435	344	0.	*	2	1705	494	0.
1	0340	45	0.	*	1	1610	195	12.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	0.	*	1	1615	196	12.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	0.	*	1	1620	197	11.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	0.	*	1	1625	198	11.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	0.	*	1	1630	199	10.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	0.	*	1	1635	200	9.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	0.	*	1	1640	201	7.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	0.	*	1	1645	202	6.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	0.	*	1	1650	203	6.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	0.	*	1	1655	204	5.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	0.	*	1	1700	205	5.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	0.	*	1	1705	206	5.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	0.	*	1	1710	207	5.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	0.	*	1	1715	208	5.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	0.	*	1	1720	209	5.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	0.	*	1	1725	210	5.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	0.	*	1	1730	211	5.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	0.	*	1	1735	212	4.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	0.	*	1	1740	213	4.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	0.	*	1	1745	214	4.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	0.	*	1	1750	215	4.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	0.	*	1	1755	216	4.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	0.	*	1	1800	217	4.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	0.	*	1	1805	218	4.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	0.	*	1	1810	219	4.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	0.	*	1	1815	220	4.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	0.	*	1	1820	221	4.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	4.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	4.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	4.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	4.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	4.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	4.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	4.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	4.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	3.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	3.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	3.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	3.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	3.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	3.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	3.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	3.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	3.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	3.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	3.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	3.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	3.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	3.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	3.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	3.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	3.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	3.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	3.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	3.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	3.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	3.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	3.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	3.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	3.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	3.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	3.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	3.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	3.	*	2	0955	408	0.	*	2	2225	558	0.

1	0900	109	0.	1	2130	259	2.	2	1000	409	0.	2	2230	559	0.
1	0905	110	0.	1	2135	260	2.	2	1005	410	0.	2	2235	560	0.
1	0910	111	0.	1	2140	261	2.	2	1010	411	0.	2	2240	561	0.
1	0915	112	0.	1	2145	262	2.	2	1015	412	0.	2	2245	562	0.
1	0920	113	0.	1	2150	263	2.	2	1020	413	0.	2	2250	563	0.
1	0925	114	0.	1	2155	264	2.	2	1025	414	0.	2	2255	564	0.
1	0930	115	0.	1	2200	265	2.	2	1030	415	0.	2	2300	565	0.
1	0935	116	0.	1	2205	266	2.	2	1035	416	0.	2	2305	566	0.
1	0940	117	0.	1	2210	267	2.	2	1040	417	0.	2	2310	567	0.
1	0945	118	0.	1	2215	268	2.	2	1045	418	0.	2	2315	568	0.
1	0950	119	0.	1	2220	269	2.	2	1050	419	0.	2	2320	569	0.
1	0955	120	0.	1	2225	270	2.	2	1055	420	0.	2	2325	570	0.
1	1000	121	0.	1	2230	271	2.	2	1100	421	0.	2	2330	571	0.
1	1005	122	0.	1	2235	272	2.	2	1105	422	0.	2	2335	572	0.
1	1010	123	0.	1	2240	273	2.	2	1110	423	0.	2	2340	573	0.
1	1015	124	0.	1	2245	274	2.	2	1115	424	0.	2	2345	574	0.
1	1020	125	0.	1	2250	275	2.	2	1120	425	0.	2	2350	575	0.
1	1025	126	0.	1	2255	276	2.	2	1125	426	0.	2	2355	576	0.
1	1030	127	0.	1	2300	277	2.	2	1130	427	0.	3	0000	577	0.
1	1035	128	0.	1	2305	278	2.	2	1135	428	0.	3	0005	578	0.
1	1040	129	0.	1	2310	279	2.	2	1140	429	0.	3	0010	579	0.
1	1045	130	0.	1	2315	280	2.	2	1145	430	0.	3	0015	580	0.
1	1050	131	0.	1	2320	281	2.	2	1150	431	0.	3	0020	581	0.
1	1055	132	0.	1	2325	282	2.	2	1155	432	0.	3	0025	582	0.
1	1100	133	0.	1	2330	283	2.	2	1200	433	0.	3	0030	583	0.
1	1105	134	0.	1	2335	284	2.	2	1205	434	0.	3	0035	584	0.
1	1110	135	0.	1	2340	285	2.	2	1210	435	0.	3	0040	585	0.
1	1115	136	0.	1	2345	286	2.	2	1215	436	0.	3	0045	586	0.
1	1120	137	0.	1	2350	287	2.	2	1220	437	0.	3	0050	587	0.
1	1125	138	0.	1	2355	288	2.	2	1225	438	0.	3	0055	588	0.
1	1130	139	0.	2	0000	289	2.	2	1230	439	0.	3	0100	589	0.
1	1135	140	0.	2	0005	290	2.	2	1235	440	0.	3	0105	590	0.
1	1140	141	0.	2	0010	291	2.	2	1240	441	0.	3	0110	591	0.
1	1145	142	0.	2	0015	292	2.	2	1245	442	0.	3	0115	592	0.
1	1150	143	0.	2	0020	293	2.	2	1250	443	0.	3	0120	593	0.
1	1155	144	0.	2	0025	294	2.	2	1255	444	0.	3	0125	594	0.
1	1200	145	0.	2	0030	295	2.	2	1300	445	0.	3	0130	595	0.
1	1205	146	0.	2	0035	296	2.	2	1305	446	0.	3	0135	596	0.
1	1210	147	0.	2	0040	297	2.	2	1310	447	0.	3	0140	597	0.
1	1215	148	0.	2	0045	298	2.	2	1315	448	0.	3	0145	598	0.
1	1220	149	0.	2	0050	299	2.	2	1320	449	0.	3	0150	599	0.
1	1225	150	0.	2	0055	300	2.	2	1325	450	0.	3	0155	600	0.

	PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
				6-HR	24-HR	72-HR	49.92-HR
+	(CFS)	(HR)					
			(CFS)				
+	126.	14.00		21.	6.	3.	3.
			(INCHES)	.574	.636	.636	.636
			(AC-FT)	10.	12.	12.	12.

CUMULATIVE AREA = .34 SQ MI

109 KK * !256OT *

110 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	22	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	600	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

DIVERT ONSITE RETENTION VOLUME

DT DIVERSION

ISTAD	256RET	DIVERSION HYDROGRAPH IDENTIFICATION
DSTRMX	29.50	MAXIMUM VOLUME TO BE DIVERTED

DI INFLOW .00 10000.00

DQ DIVERTED FLOW .00 10000.00

DIVERSION HYDROGRAPH 256RET

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		1230	151	256.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	281.	2		0105	302	0.	2		1335	452	0.

1	0010	3	0.	*	1	1240	153	295.	*	2	0110	303	0.	*	2	1340	453	0.
1	0015	4	0.	*	1	1245	154	300.	*	2	0115	304	0.	*	2	1345	454	0.
1	0020	5	0.	*	1	1250	155	301.	*	2	0120	305	0.	*	2	1350	455	0.
1	0025	6	0.	*	1	1255	156	288.	*	2	0125	306	0.	*	2	1355	456	0.
1	0030	7	0.	*	1	1300	157	275.	*	2	0130	307	0.	*	2	1400	457	0.
1	0035	8	0.	*	1	1305	158	264.	*	2	0135	308	0.	*	2	1405	458	0.
1	0040	9	0.	*	1	1310	159	246.	*	2	0140	309	0.	*	2	1410	459	0.
1	0045	10	1.	*	1	1315	160	164.	*	2	0145	310	0.	*	2	1415	460	0.
1	0050	11	1.	*	1	1320	161	0.	*	2	0150	311	0.	*	2	1420	461	0.
1	0055	12	1.	*	1	1325	162	0.	*	2	0155	312	0.	*	2	1425	462	0.
1	0100	13	1.	*	1	1330	163	0.	*	2	0200	313	0.	*	2	1430	463	0.
1	0105	14	1.	*	1	1335	164	0.	*	2	0205	314	0.	*	2	1435	464	0.
1	0110	15	1.	*	1	1340	165	0.	*	2	0210	315	0.	*	2	1440	465	0.
1	0115	16	2.	*	1	1345	166	0.	*	2	0215	316	0.	*	2	1445	466	0.
1	0120	17	2.	*	1	1350	167	0.	*	2	0220	317	0.	*	2	1450	467	0.
1	0125	18	2.	*	1	1355	168	0.	*	2	0225	318	0.	*	2	1455	468	0.
1	0130	19	2.	*	1	1400	169	0.	*	2	0230	319	0.	*	2	1500	469	0.
1	0135	20	2.	*	1	1405	170	0.	*	2	0235	320	0.	*	2	1505	470	0.
1	0140	21	2.	*	1	1410	171	0.	*	2	0240	321	0.	*	2	1510	471	0.
1	0145	22	2.	*	1	1415	172	0.	*	2	0245	322	0.	*	2	1515	472	0.
1	0150	23	2.	*	1	1420	173	0.	*	2	0250	323	0.	*	2	1520	473	0.
1	0155	24	2.	*	1	1425	174	0.	*	2	0255	324	0.	*	2	1525	474	0.
1	0200	25	2.	*	1	1430	175	0.	*	2	0300	325	0.	*	2	1530	475	0.
1	0205	26	2.	*	1	1435	176	0.	*	2	0305	326	0.	*	2	1535	476	0.
1	0210	27	3.	*	1	1440	177	0.	*	2	0310	327	0.	*	2	1540	477	0.
1	0215	28	3.	*	1	1445	178	0.	*	2	0315	328	0.	*	2	1545	478	0.
1	0220	29	3.	*	1	1450	179	0.	*	2	0320	329	0.	*	2	1550	479	0.
1	0225	30	3.	*	1	1455	180	0.	*	2	0325	330	0.	*	2	1555	480	0.
1	0230	31	3.	*	1	1500	181	0.	*	2	0330	331	0.	*	2	1600	481	0.
1	0235	32	3.	*	1	1505	182	0.	*	2	0335	332	0.	*	2	1605	482	0.
1	0240	33	3.	*	1	1510	183	0.	*	2	0340	333	0.	*	2	1610	483	0.
1	0245	34	3.	*	1	1515	184	0.	*	2	0345	334	0.	*	2	1615	484	0.
1	0250	35	3.	*	1	1520	185	0.	*	2	0350	335	0.	*	2	1620	485	0.
1	0255	36	3.	*	1	1525	186	0.	*	2	0355	336	0.	*	2	1625	486	0.
1	0300	37	3.	*	1	1530	187	0.	*	2	0400	337	0.	*	2	1630	487	0.
1	0305	38	3.	*	1	1535	188	0.	*	2	0405	338	0.	*	2	1635	488	0.
1	0310	39	3.	*	1	1540	189	0.	*	2	0410	339	0.	*	2	1640	489	0.
1	0315	40	3.	*	1	1545	190	0.	*	2	0415	340	0.	*	2	1645	490	0.
1	0320	41	3.	*	1	1550	191	0.	*	2	0420	341	0.	*	2	1650	491	0.
1	0325	42	3.	*	1	1555	192	0.	*	2	0425	342	0.	*	2	1655	492	0.
1	0330	43	3.	*	1	1600	193	0.	*	2	0430	343	0.	*	2	1700	493	0.
1	0335	44	3.	*	1	1605	194	0.	*	2	0435	344	0.	*	2	1705	494	0.
1	0340	45	3.	*	1	1610	195	0.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	3.	*	1	1615	196	0.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	3.	*	1	1620	197	0.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	3.	*	1	1625	198	0.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	3.	*	1	1630	199	0.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	3.	*	1	1635	200	0.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	3.	*	1	1640	201	0.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	3.	*	1	1645	202	0.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	3.	*	1	1650	203	0.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	3.	*	1	1655	204	0.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	3.	*	1	1700	205	0.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	3.	*	1	1705	206	0.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	3.	*	1	1710	207	0.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	3.	*	1	1715	208	0.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	3.	*	1	1720	209	0.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	3.	*	1	1725	210	0.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	3.	*	1	1730	211	0.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	3.	*	1	1735	212	0.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	3.	*	1	1740	213	0.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	3.	*	1	1745	214	0.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	4.	*	1	1750	215	0.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	4.	*	1	1755	216	0.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	4.	*	1	1800	217	0.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	4.	*	1	1805	218	0.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	4.	*	1	1810	219	0.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	4.	*	1	1815	220	0.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	4.	*	1	1820	221	0.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	4.	*	1	1825	222	0.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	4.	*	1	1830	223	0.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	4.	*	1	1835	224	0.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	4.	*	1	1840	225	0.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	4.	*	1	1845	226	0.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	4.	*	1	1850	227	0.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	4.	*	1	1855	228	0.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	4.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	4.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	4.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	4.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	4.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	4.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	4.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	4.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	4.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	4.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	4.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	4.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	4.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	4.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	4.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	4.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	4.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	5.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	5.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	5.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	5.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	5.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	5.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.

1	0825	102	5.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	5.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	5.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	5.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	5.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	5.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	5.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	5.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	5.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	6.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	6.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	6.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	6.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	6.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	6.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	6.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	6.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	6.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	7.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	7.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	7.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	7.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	7.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	7.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	7.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	8.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	8.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	8.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	8.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	9.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	9.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	9.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	10.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	10.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	11.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	11.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	12.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	13.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	16.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	20.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	25.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	37.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	53.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	76.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	95.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	126.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	167.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	204.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	233.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)	(CFS)				
+ 301.	12.83		56.	15.	7.	7.
		(INCHES)	1.217	1.286	1.286	1.286
		(AC-FT)	28.	29.	29.	29.

CUMULATIVE AREA = .43 SQ MI

****

HYDROGRAPH AT STATION !256OT

****

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		1230	151	0.	*	2		0100	301	1.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	0.	*	2		0105	302	1.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	0.	*	2		0110	303	1.	*	2		1340	453	0.
1		0015	4	0.	*	1		1245	154	0.	*	2		0115	304	1.	*	2		1345	454	0.
1		0020	5	0.	*	1		1250	155	0.	*	2		0120	305	1.	*	2		1350	455	0.
1		0025	6	0.	*	1		1255	156	0.	*	2		0125	306	1.	*	2		1355	456	0.
1		0030	7	0.	*	1		1300	157	0.	*	2		0130	307	1.	*	2		1400	457	0.
1		0035	8	0.	*	1		1305	158	0.	*	2		0135	308	1.	*	2		1405	458	0.
1		0040	9	0.	*	1		1310	159	0.	*	2		0140	309	0.	*	2		1410	459	0.
1		0045	10	0.	*	1		1315	160	63.	*	2		0145	310	0.	*	2		1415	460	0.
1		0050	11	0.	*	1		1320	161	199.	*	2		0150	311	0.	*	2		1420	461	0.
1		0055	12	0.	*	1		1325	162	184.	*	2		0155	312	0.	*	2		1425	462	0.
1		0100	13	0.	*	1		1330	163	162.	*	2		0200	313	0.	*	2		1430	463	0.
1		0105	14	0.	*	1		1335	164	140.	*	2		0205	314	0.	*	2		1435	464	0.
1		0110	15	0.	*	1		1340	165	128.	*	2		0210	315	0.	*	2		1440	465	0.
1		0115	16	0.	*	1		1345	166	113.	*	2		0215	316	0.	*	2		1445	466	0.
1		0120	17	0.	*	1		1350	167	100.	*	2		0220	317	0.	*	2		1450	467	0.
1		0125	18	0.	*	1		1355	168	85.	*	2		0225	318	0.	*	2		1455	468	0.
1		0130	19	0.	*	1		1400	169	75.	*	2		0230	319	0.	*	2		1500	469	0.
1		0135	20	0.	*	1		1405	170	67.	*	2		0235	320	0.	*	2		1505	470	0.
1		0140	21	0.	*	1		1410	171	60.	*	2		0240	321	0.	*	2		1510	471	0.
1		0145	22	0.	*	1		1415	172	54.	*	2		0245	322	0.	*	2		1515	472	0.
1		0150	23	0.	*	1		1420	173	49.	*	2		0250	323	0.	*	2		1520	473	0.
1		0155	24	0.	*	1		1425	174	44.	*	2		0255	324	0.	*	2		1525	474	0.
1		0200	25	0.	*	1		1430	175	40.	*	2		0300	325	0.	*	2		1530	475	0.
1		0205	26	0.	*	1		1435	176	36.	*	2		0305	326	0.	*	2		1535	476	0.
1		0210	27	0.	*	1		1440	177	32.	*	2		0310	327	0.	*	2		1540	477	0.
1		0215	28	0.	*	1		1445	178	30.	*	2		0315	328	0.	*	2		1545	478	0.

1	0220	29	0.	*	1	1450	179	26.	*	2	0320	329	0.	*	2	1550	479	0.
1	0225	30	0.	*	1	1455	180	22.	*	2	0325	330	0.	*	2	1555	480	0.
1	0230	31	0.	*	1	1500	181	18.	*	2	0330	331	0.	*	2	1600	481	0.
1	0235	32	0.	*	1	1505	182	16.	*	2	0335	332	0.	*	2	1605	482	0.
1	0240	33	0.	*	1	1510	183	15.	*	2	0340	333	0.	*	2	1610	483	0.
1	0245	34	0.	*	1	1515	184	14.	*	2	0345	334	0.	*	2	1615	484	0.
1	0250	35	0.	*	1	1520	185	14.	*	2	0350	335	0.	*	2	1620	485	0.
1	0255	36	0.	*	1	1525	186	13.	*	2	0355	336	0.	*	2	1625	486	0.
1	0300	37	0.	*	1	1530	187	13.	*	2	0400	337	0.	*	2	1630	487	0.
1	0305	38	0.	*	1	1535	188	13.	*	2	0405	338	0.	*	2	1635	488	0.
1	0310	39	0.	*	1	1540	189	12.	*	2	0410	339	0.	*	2	1640	489	0.
1	0315	40	0.	*	1	1545	190	12.	*	2	0415	340	0.	*	2	1645	490	0.
1	0320	41	0.	*	1	1550	191	12.	*	2	0420	341	0.	*	2	1650	491	0.
1	0325	42	0.	*	1	1555	192	12.	*	2	0425	342	0.	*	2	1655	492	0.
1	0330	43	0.	*	1	1600	193	11.	*	2	0430	343	0.	*	2	1700	493	0.
1	0335	44	0.	*	1	1605	194	11.	*	2	0435	344	0.	*	2	1705	494	0.
1	0340	45	0.	*	1	1610	195	11.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	0.	*	1	1615	196	11.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	0.	*	1	1620	197	11.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	0.	*	1	1625	198	10.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	0.	*	1	1630	199	10.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	0.	*	1	1635	200	10.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	0.	*	1	1640	201	9.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	0.	*	1	1645	202	7.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	0.	*	1	1650	203	6.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	0.	*	1	1655	204	6.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	0.	*	1	1700	205	6.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	0.	*	1	1705	206	6.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	0.	*	1	1710	207	6.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	0.	*	1	1715	208	6.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	0.	*	1	1720	209	6.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	0.	*	1	1725	210	5.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	0.	*	1	1730	211	5.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	0.	*	1	1735	212	5.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	0.	*	1	1740	213	5.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	0.	*	1	1745	214	5.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	0.	*	1	1750	215	5.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	0.	*	1	1755	216	5.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	0.	*	1	1800	217	5.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	0.	*	1	1805	218	5.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	0.	*	1	1810	219	5.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	0.	*	1	1815	220	5.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	0.	*	1	1820	221	5.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	5.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	5.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	4.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	4.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	4.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	4.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	4.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	4.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	4.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	4.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	4.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	4.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	4.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	4.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	4.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	4.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	4.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	4.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	4.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	4.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	4.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	4.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	4.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	4.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	4.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	4.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	3.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	3.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	3.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	3.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	3.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	3.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	3.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	3.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	3.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	3.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	3.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	3.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	3.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	3.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	3.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	3.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	3.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	3.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	3.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	3.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	3.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	3.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	3.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	3.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	3.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	3.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	0.	*	1	2245	274	3.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	3.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	3.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	3.	*	2	1130	427	0.	*	3	0000	577	0.

1	1035	128	0.	*	1	2305	278	3.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	3.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	3.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	3.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	3.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	3.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	3.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	3.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	3.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	3.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	3.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	3.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	3.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	3.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	3.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	3.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	2.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	2.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	0.	*	2	0035	296	2.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	0.	*	2	0040	297	2.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	0.	*	2	0045	298	2.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	0.	*	2	0050	299	2.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	2.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 199.	13.33		29.	8.	4.	4.
		(INCHES)	.637	.703	.703	.703
		(AC-FT)	15.	16.	16.	16.

CUMULATIVE AREA = .43 SQ MI

*** ***

```
            **************
            *            *
127 KK      *    !SUB6T  *
            *            *
            **************
```

```
128 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                          DIVERT FUTURE ONSITE RETENTION REQUIREMENT

    DT          DIVERSION
                      ISTAD     SUB6RT  DIVERSION HYDROGRAPH IDENTIFICATION
                     DSTRMX       6.60  MAXIMUM VOLUME TO BE DIVERTED

    DI             INFLOW         .00  10000.00

    DQ       DIVERTED FLOW        .00  10000.00
                                                    ***
```

****

DIVERSION HYDROGRAPH SUB6RT

****

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		1230	151	0.	*	2		0100	301	0.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	0.	*	2		0105	302	0.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	0.	*	2		0110	303	0.	*	2		1340	453	0.
1		0015	4	0.	*	1		1245	154	0.	*	2		0115	304	0.	*	2		1345	454	0.
1		0020	5	0.	*	1		1250	155	0.	*	2		0120	305	0.	*	2		1350	455	0.
1		0025	6	0.	*	1		1255	156	0.	*	2		0125	306	0.	*	2		1355	456	0.
1		0030	7	0.	*	1		1300	157	0.	*	2		0130	307	0.	*	2		1400	457	0.
1		0035	8	0.	*	1		1305	158	0.	*	2		0135	308	0.	*	2		1405	458	0.
1		0040	9	1.	*	1		1310	159	0.	*	2		0140	309	0.	*	2		1410	459	0.
1		0045	10	1.	*	1		1315	160	0.	*	2		0145	310	0.	*	2		1415	460	0.
1		0050	11	1.	*	1		1320	161	0.	*	2		0150	311	0.	*	2		1420	461	0.
1		0055	12	1.	*	1		1325	162	0.	*	2		0155	312	0.	*	2		1425	462	0.
1		0100	13	1.	*	1		1330	163	0.	*	2		0200	313	0.	*	2		1430	463	0.
1		0105	14	1.	*	1		1335	164	0.	*	2		0205	314	0.	*	2		1435	464	0.
1		0110	15	1.	*	1		1340	165	0.	*	2		0210	315	0.	*	2		1440	465	0.
1		0115	16	1.	*	1		1345	166	0.	*	2		0215	316	0.	*	2		1445	466	0.
1		0120	17	1.	*	1		1350	167	0.	*	2		0220	317	0.	*	2		1450	467	0.
1		0125	18	1.	*	1		1355	168	0.	*	2		0225	318	0.	*	2		1455	468	0.
1		0130	19	1.	*	1		1400	169	0.	*	2		0230	319	0.	*	2		1500	469	0.
1		0135	20	1.	*	1		1405	170	0.	*	2		0235	320	0.	*	2		1505	470	0.
1		0140	21	1.	*	1		1410	171	0.	*	2		0240	321	0.	*	2		1510	471	0.

1	0145	22	1.	*	1	1415	172	0.	*	2	0245	322	0.	*	2	1515	472	0.
1	0150	23	1.	*	1	1420	173	0.	*	2	0250	323	0.	*	2	1520	473	0.
1	0155	24	1.	*	1	1425	174	0.	*	2	0255	324	0.	*	2	1525	474	0.
1	0200	25	1.	*	1	1430	175	0.	*	2	0300	325	0.	*	2	1530	475	0.
1	0205	26	1.	*	1	1435	176	0.	*	2	0305	326	0.	*	2	1535	476	0.
1	0210	27	1.	*	1	1440	177	0.	*	2	0310	327	0.	*	2	1540	477	0.
1	0215	28	1.	*	1	1445	178	0.	*	2	0315	328	0.	*	2	1545	478	0.
1	0220	29	1.	*	1	1450	179	0.	*	2	0320	329	0.	*	2	1550	479	0.
1	0225	30	1.	*	1	1455	180	0.	*	2	0325	330	0.	*	2	1555	480	0.
1	0230	31	1.	*	1	1500	181	0.	*	2	0330	331	0.	*	2	1600	481	0.
1	0235	32	1.	*	1	1505	182	0.	*	2	0335	332	0.	*	2	1605	482	0.
1	0240	33	1.	*	1	1510	183	0.	*	2	0340	333	0.	*	2	1610	483	0.
1	0245	34	1.	*	1	1515	184	0.	*	2	0345	334	0.	*	2	1615	484	0.
1	0250	35	1.	*	1	1520	185	0.	*	2	0350	335	0.	*	2	1620	485	0.
1	0255	36	1.	*	1	1525	186	0.	*	2	0355	336	0.	*	2	1625	486	0.
1	0300	37	1.	*	1	1530	187	0.	*	2	0400	337	0.	*	2	1630	487	0.
1	0305	38	1.	*	1	1535	188	0.	*	2	0405	338	0.	*	2	1635	488	0.
1	0310	39	1.	*	1	1540	189	0.	*	2	0410	339	0.	*	2	1640	489	0.
1	0315	40	1.	*	1	1545	190	0.	*	2	0415	340	0.	*	2	1645	490	0.
1	0320	41	1.	*	1	1550	191	0.	*	2	0420	341	0.	*	2	1650	491	0.
1	0325	42	1.	*	1	1555	192	0.	*	2	0425	342	0.	*	2	1655	492	0.
1	0330	43	1.	*	1	1600	193	0.	*	2	0430	343	0.	*	2	1700	493	0.
1	0335	44	1.	*	1	1605	194	0.	*	2	0435	344	0.	*	2	1705	494	0.
1	0340	45	1.	*	1	1610	195	0.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	1.	*	1	1615	196	0.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	1.	*	1	1620	197	0.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	1.	*	1	1625	198	0.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	1.	*	1	1630	199	0.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	1.	*	1	1635	200	0.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	1.	*	1	1640	201	0.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	1.	*	1	1645	202	0.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	1.	*	1	1650	203	0.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	1.	*	1	1655	204	0.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	1.	*	1	1700	205	0.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	1.	*	1	1705	206	0.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	1.	*	1	1710	207	0.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	1.	*	1	1715	208	0.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	1.	*	1	1720	209	0.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	1.	*	1	1725	210	0.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	1.	*	1	1730	211	0.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	1.	*	1	1735	212	0.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	1.	*	1	1740	213	0.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	1.	*	1	1745	214	0.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	1.	*	1	1750	215	0.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	1.	*	1	1755	216	0.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	1.	*	1	1800	217	0.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	1.	*	1	1805	218	0.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	1.	*	1	1810	219	0.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	1.	*	1	1815	220	0.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	1.	*	1	1820	221	0.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	1.	*	1	1825	222	0.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	1.	*	1	1830	223	0.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	1.	*	1	1835	224	0.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	1.	*	1	1840	225	0.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	1.	*	1	1845	226	0.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	1.	*	1	1850	227	0.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	1.	*	1	1855	228	0.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	1.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	1.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	1.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	1.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	1.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	1.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	1.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	1.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	1.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	1.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	1.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	1.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	1.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	1.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	1.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	1.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	1.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	1.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	1.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	1.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	1.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	1.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	1.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	1.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	1.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	1.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	1.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	1.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	1.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	1.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	1.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	1.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	1.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	1.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	2.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	2.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	2.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	2.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	2.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	2.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	2.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	2.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.

1	1000	121	2.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	2.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	2.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	2.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	2.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	2.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	2.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	2.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	2.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	2.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	3.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	3.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	3.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	3.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	3.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	4.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	4.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	4.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	4.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	7.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	15.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	26.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	50.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	83.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	119.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	160.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	177.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	169.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	1.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+		(CFS)				
+ 177.	12.17		13.	3.	2.	2.
		(INCHES)	1.175	1.238	1.238	1.238
		(AC-FT)	6.	7.	7.	7.

CUMULATIVE AREA = .10 SQ MI

****

HYDROGRAPH AT STATION !SUB6T

****

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		1230	151	56.	*	2		0100	301	0.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	34.	*	2		0105	302	0.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	23.	*	2		0110	303	0.	*	2		1340	453	0.
1		0015	4	0.	*	1		1245	154	15.	*	2		0115	304	0.	*	2		1345	454	0.
1		0020	5	0.	*	1		1250	155	11.	*	2		0120	305	0.	*	2		1350	455	0.
1		0025	6	0.	*	1		1255	156	8.	*	2		0125	306	0.	*	2		1355	456	0.
1		0030	7	0.	*	1		1300	157	7.	*	2		0130	307	0.	*	2		1400	457	0.
1		0035	8	0.	*	1		1305	158	6.	*	2		0135	308	0.	*	2		1405	458	0.
1		0040	9	0.	*	1		1310	159	5.	*	2		0140	309	0.	*	2		1410	459	0.
1		0045	10	0.	*	1		1315	160	4.	*	2		0145	310	0.	*	2		1415	460	0.
1		0050	11	0.	*	1		1320	161	4.	*	2		0150	311	0.	*	2		1420	461	0.
1		0055	12	0.	*	1		1325	162	3.	*	2		0155	312	0.	*	2		1425	462	0.
1		0100	13	0.	*	1		1330	163	3.	*	2		0200	313	0.	*	2		1430	463	0.
1		0105	14	0.	*	1		1335	164	3.	*	2		0205	314	0.	*	2		1435	464	0.
1		0110	15	0.	*	1		1340	165	3.	*	2		0210	315	0.	*	2		1440	465	0.
1		0115	16	0.	*	1		1345	166	3.	*	2		0215	316	0.	*	2		1445	466	0.
1		0120	17	0.	*	1		1350	167	2.	*	2		0220	317	0.	*	2		1450	467	0.
1		0125	18	0.	*	1		1355	168	2.	*	2		0225	318	0.	*	2		1455	468	0.
1		0130	19	0.	*	1		1400	169	2.	*	2		0230	319	0.	*	2		1500	469	0.
1		0135	20	0.	*	1		1405	170	2.	*	2		0235	320	0.	*	2		1505	470	0.
1		0140	21	0.	*	1		1410	171	2.	*	2		0240	321	0.	*	2		1510	471	0.
1		0145	22	0.	*	1		1415	172	2.	*	2		0245	322	0.	*	2		1515	472	0.
1		0150	23	0.	*	1		1420	173	2.	*	2		0250	323	0.	*	2		1520	473	0.
1		0155	24	0.	*	1		1425	174	2.	*	2		0255	324	0.	*	2		1525	474	0.
1		0200	25	0.	*	1		1430	175	2.	*	2		0300	325	0.	*	2		1530	475	0.
1		0205	26	0.	*	1		1435	176	2.	*	2		0305	326	0.	*	2		1535	476	0.
1		0210	27	0.	*	1		1440	177	2.	*	2		0310	327	0.	*	2		1540	477	0.
1		0215	28	0.	*	1		1445	178	2.	*	2		0315	328	0.	*	2		1545	478	0.
1		0220	29	0.	*	1		1450	179	2.	*	2		0320	329	0.	*	2		1550	479	0.
1		0225	30	0.	*	1		1455	180	1.	*	2		0325	330	0.	*	2		1555	480	0.
1		0230	31	0.	*	1		1500	181	1.	*	2		0330	331	0.	*	2		1600	481	0.
1		0235	32	0.	*	1		1505	182	1.	*	2		0335	332	0.	*	2		1605	482	0.
1		0240	33	0.	*	1		1510	183	1.	*	2		0340	333	0.	*	2		1610	483	0.
1		0245	34	0.	*	1		1515	184	1.	*	2		0345	334	0.	*	2		1615	484	0.
1		0250	35	0.	*	1		1520	185	1.	*	2		0350	335	0.	*	2		1620	485	0.
1		0255	36	0.	*	1		1525	186	1.	*	2		0355	336	0.	*	2		1625	486	0.
1		0300	37	0.	*	1		1530	187	1.	*	2		0400	337	0.	*	2		1630	487	0.
1		0305	38	0.	*	1		1535	188	1.	*	2		0405	338	0.	*	2		1635	488	0.
1		0310	39	0.	*	1		1540	189	1.	*	2		0410	339	0.	*	2		1640	489	0.
1		0315	40	0.	*	1		1545	190	1.	*	2		0415	340	0.	*	2		1645	490	0.
1		0320	41	0.	*	1		1550	191	1.	*	2		0420	341	0.	*	2		1650	491	0.
1		0325	42	0.	*	1		1555	192	1.	*	2		0425	342	0.	*	2		1655	492	0.
1		0330	43	0.	*	1		1600	193	1.	*	2		0430	343	0.	*	2		1700	493	0.
1		0335	44	0.	*	1		1605	194	1.	*	2		0435	344	0.	*	2		1705	494	0.
1		0340	45	0.	*	1		1610	195	1.	*	2		0440	345	0.	*	2		1710	495	0.
1		0345	46	0.	*	1		1615	196	1.	*	2		0445	346	0.	*	2		1715	496	0.
1		0350	47	0.	*	1		1620	197	1.	*	2		0450	347	0.	*	2		1720	497	0.

1	0355	48	0.	*	1	1625	198	1.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	0.	*	1	1630	199	1.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	0.	*	1	1635	200	1.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	0.	*	1	1640	201	1.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	0.	*	1	1645	202	1.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	0.	*	1	1650	203	1.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	0.	*	1	1655	204	1.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	0.	*	1	1700	205	1.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	0.	*	1	1705	206	1.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	0.	*	1	1710	207	1.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	0.	*	1	1715	208	1.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	0.	*	1	1720	209	1.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	0.	*	1	1725	210	1.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	0.	*	1	1730	211	1.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	0.	*	1	1735	212	1.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	0.	*	1	1740	213	1.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	0.	*	1	1745	214	1.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	0.	*	1	1750	215	1.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	0.	*	1	1755	216	1.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	0.	*	1	1800	217	1.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	0.	*	1	1805	218	1.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	0.	*	1	1810	219	1.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	0.	*	1	1815	220	1.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	0.	*	1	1820	221	1.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	1.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	1.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	1.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	1.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	1.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	1.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	1.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	1.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	1.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	1.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	1.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	1.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	1.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	1.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	1.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	1.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	1.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	1.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	1.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	1.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	1.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	1.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	1.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	1.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	1.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	1.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	1.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	1.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	1.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	1.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	1.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	1.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	1.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	1.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	1.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	1.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	1.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	1.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	1.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	1.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	1.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	1.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	1.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	1.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	1.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	1.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	1.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	1.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	1.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	1.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	1.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	1.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	0.	*	1	2245	274	1.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	1.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	1.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	1.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	0.	*	1	2305	278	1.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	1.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	1.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	1.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	1.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	1.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	1.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	1.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	1.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	1.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	1.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	1.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	0.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.

1	1210	147	0.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	0.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	127.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	86.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+		(CFS)			
+ 127.	12.33	7.	2.	1.	1.
		(INCHES) .609	.671	.671	.671
		(AC-FT) 3.	4.	4.	4.

CUMULATIVE AREA = .10 SQ MI

*** ***

```
              **************
              *            *
143 KK        *   !SUB7T   *
              *            *
              **************
```

144 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	22	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	600	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

DIVERT FUTURE ONSITE RETENTION REQUIREMENT

DT	DIVERSION		
	ISTAD	SUB7RT	DIVERSION HYDROGRAPH IDENTIFICATION
	DSTRMX	11.50	MAXIMUM VOLUME TO BE DIVERTED
DI	INFLOW	.00	10000.00
DQ	DIVERTED FLOW	.00	10000.00

***

****

DIVERSION HYDROGRAPH SUB7RT

****

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		1230	151	0.	*	2		0100	301	0.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	0.	*	2		0105	302	0.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	0.	*	2		0110	303	0.	*	2		1340	453	0.
1		0015	4	0.	*	1		1245	154	0.	*	2		0115	304	0.	*	2		1345	454	0.
1		0020	5	0.	*	1		1250	155	0.	*	2		0120	305	0.	*	2		1350	455	0.
1		0025	6	0.	*	1		1255	156	0.	*	2		0125	306	0.	*	2		1355	456	0.
1		0030	7	0.	*	1		1300	157	0.	*	2		0130	307	0.	*	2		1400	457	0.
1		0035	8	0.	*	1		1305	158	0.	*	2		0135	308	0.	*	2		1405	458	0.
1		0040	9	0.	*	1		1310	159	0.	*	2		0140	309	0.	*	2		1410	459	0.
1		0045	10	0.	*	1		1315	160	0.	*	2		0145	310	0.	*	2		1415	460	0.
1		0050	11	0.	*	1		1320	161	0.	*	2		0150	311	0.	*	2		1420	461	0.
1		0055	12	0.	*	1		1325	162	0.	*	2		0155	312	0.	*	2		1425	462	0.
1		0100	13	0.	*	1		1330	163	0.	*	2		0200	313	0.	*	2		1430	463	0.
1		0105	14	0.	*	1		1335	164	0.	*	2		0205	314	0.	*	2		1435	464	0.
1		0110	15	0.	*	1		1340	165	0.	*	2		0210	315	0.	*	2		1440	465	0.
1		0115	16	0.	*	1		1345	166	0.	*	2		0215	316	0.	*	2		1445	466	0.
1		0120	17	0.	*	1		1350	167	0.	*	2		0220	317	0.	*	2		1450	467	0.
1		0125	18	0.	*	1		1355	168	0.	*	2		0225	318	0.	*	2		1455	468	0.
1		0130	19	0.	*	1		1400	169	0.	*	2		0230	319	0.	*	2		1500	469	0.
1		0135	20	0.	*	1		1405	170	0.	*	2		0235	320	0.	*	2		1505	470	0.
1		0140	21	0.	*	1		1410	171	0.	*	2		0240	321	0.	*	2		1510	471	0.
1		0145	22	0.	*	1		1415	172	0.	*	2		0245	322	0.	*	2		1515	472	0.
1		0150	23	0.	*	1		1420	173	0.	*	2		0250	323	0.	*	2		1520	473	0.
1		0155	24	0.	*	1		1425	174	0.	*	2		0255	324	0.	*	2		1525	474	0.
1		0200	25	0.	*	1		1430	175	0.	*	2		0300	325	0.	*	2		1530	475	0.
1		0205	26	0.	*	1		1435	176	0.	*	2		0305	326	0.	*	2		1535	476	0.
1		0210	27	0.	*	1		1440	177	0.	*	2		0310	327	0.	*	2		1540	477	0.
1		0215	28	0.	*	1		1445	178	0.	*	2		0315	328	0.	*	2		1545	478	0.
1		0220	29	0.	*	1		1450	179	0.	*	2		0320	329	0.	*	2		1550	479	0.
1		0225	30	0.	*	1		1455	180	0.	*	2		0325	330	0.	*	2		1555	480	0.
1		0230	31	0.	*	1		1500	181	0.	*	2		0330	331	0.	*	2		1600	481	0.
1		0235	32	0.	*	1		1505	182	0.	*	2		0335	332	0.	*	2		1605	482	0.
1		0240	33	0.	*	1		1510	183	0.	*	2		0340	333	0.	*	2		1610	483	0.
1		0245	34	0.	*	1		1515	184	0.	*	2		0345	334	0.	*	2		1615	484	0.
1		0250	35	0.	*	1		1520	185	0.	*	2		0350	335	0.	*	2		1620	485	0.
1		0255	36	0.	*	1		1525	186	0.	*	2		0355	336	0.	*	2		1625	486	0.
1		0300	37	0.	*	1		1530	187	0.	*	2		0400	337	0.	*	2		1630	487	0.
1		0305	38	0.	*	1		1535	188	0.	*	2		0405	338	0.	*	2		1635	488	0.
1		0310	39	0.	*	1		1540	189	0.	*	2		0410	339	0.	*	2		1640	489	0.
1		0315	40	0.	*	1		1545	190	0.	*	2		0415	340	0.	*	2		1645	490	0.

1	0320	41	0.	*	1	1550	191	0.	*	2	0420	341	0.	*	2	1650	491	0.
1	0325	42	0.	*	1	1555	192	0.	*	2	0425	342	0.	*	2	1655	492	0.
1	0330	43	0.	*	1	1600	193	0.	*	2	0430	343	0.	*	2	1700	493	0.
1	0335	44	0.	*	1	1605	194	0.	*	2	0435	344	0.	*	2	1705	494	0.
1	0340	45	0.	*	1	1610	195	0.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	0.	*	1	1615	196	0.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	0.	*	1	1620	197	0.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	0.	*	1	1625	198	0.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	0.	*	1	1630	199	0.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	0.	*	1	1635	200	0.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	0.	*	1	1640	201	0.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	0.	*	1	1645	202	0.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	0.	*	1	1650	203	0.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	0.	*	1	1655	204	0.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	0.	*	1	1700	205	0.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	0.	*	1	1705	206	0.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	0.	*	1	1710	207	0.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	0.	*	1	1715	208	0.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	0.	*	1	1720	209	0.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	0.	*	1	1725	210	0.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	0.	*	1	1730	211	0.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	0.	*	1	1735	212	0.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	0.	*	1	1740	213	0.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	0.	*	1	1745	214	0.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	0.	*	1	1750	215	0.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	0.	*	1	1755	216	0.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	0.	*	1	1800	217	0.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	0.	*	1	1805	218	0.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	0.	*	1	1810	219	0.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	0.	*	1	1815	220	0.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	0.	*	1	1820	221	0.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	0.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	0.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	0.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	0.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	0.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	0.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	0.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	1.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	1.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	1.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	1.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	1.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	1.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	1.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	1.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	1.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	1.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	1.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	1.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	1.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	1.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	1.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	1.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	1.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	1.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	1.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	1.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	1.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	1.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	1.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	1.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	1.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	1.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	1.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	1.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	2.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.

1	1135	140	7.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	24.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	51.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	108.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	183.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	270.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	371.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	400.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	201.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	0.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+		(CFS)				
+ 400.	12.17		23.	6.	3.	3.
		(INCHES)	.889	.898	.898	.898
		(AC-FT)	11.	12.	12.	12.

CUMULATIVE AREA = .24 SQ MI

****

HYDROGRAPH AT STATION !SUB7T

****

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		1230	151	91.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	51.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	29.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	16.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	9.	2		0120	305	0.	2		1350	455	0.
1		0025	6	0.	1		1255	156	4.	2		0125	306	0.	2		1355	456	0.
1		0030	7	0.	1		1300	157	2.	2		0130	307	0.	2		1400	457	0.
1		0035	8	0.	1		1305	158	2.	2		0135	308	0.	2		1405	458	0.
1		0040	9	0.	1		1310	159	1.	2		0140	309	0.	2		1410	459	0.
1		0045	10	0.	1		1315	160	1.	2		0145	310	0.	2		1415	460	0.
1		0050	11	0.	1		1320	161	1.	2		0150	311	0.	2		1420	461	0.
1		0055	12	0.	1		1325	162	1.	2		0155	312	0.	2		1425	462	0.
1		0100	13	0.	1		1330	163	1.	2		0200	313	0.	2		1430	463	0.
1		0105	14	0.	1		1335	164	1.	2		0205	314	0.	2		1435	464	0.
1		0110	15	0.	1		1340	165	1.	2		0210	315	0.	2		1440	465	0.
1		0115	16	0.	1		1345	166	1.	2		0215	316	0.	2		1445	466	0.
1		0120	17	0.	1		1350	167	1.	2		0220	317	0.	2		1450	467	0.
1		0125	18	0.	1		1355	168	1.	2		0225	318	0.	2		1455	468	0.
1		0130	19	0.	1		1400	169	1.	2		0230	319	0.	2		1500	469	0.
1		0135	20	0.	1		1405	170	1.	2		0235	320	0.	2		1505	470	0.
1		0140	21	0.	1		1410	171	1.	2		0240	321	0.	2		1510	471	0.
1		0145	22	0.	1		1415	172	1.	2		0245	322	0.	2		1515	472	0.
1		0150	23	0.	1		1420	173	1.	2		0250	323	0.	2		1520	473	0.
1		0155	24	0.	1		1425	174	1.	2		0255	324	0.	2		1525	474	0.
1		0200	25	0.	1		1430	175	1.	2		0300	325	0.	2		1530	475	0.
1		0205	26	0.	1		1435	176	1.	2		0305	326	0.	2		1535	476	0.
1		0210	27	0.	1		1440	177	1.	2		0310	327	0.	2		1540	477	0.
1		0215	28	0.	1		1445	178	1.	2		0315	328	0.	2		1545	478	0.
1		0220	29	0.	1		1450	179	1.	2		0320	329	0.	2		1550	479	0.
1		0225	30	0.	1		1455	180	1.	2		0325	330	0.	2		1555	480	0.
1		0230	31	0.	1		1500	181	1.	2		0330	331	0.	2		1600	481	0.
1		0235	32	0.	1		1505	182	0.	2		0335	332	0.	2		1605	482	0.
1		0240	33	0.	1		1510	183	0.	2		0340	333	0.	2		1610	483	0.
1		0245	34	0.	1		1515	184	0.	2		0345	334	0.	2		1615	484	0.
1		0250	35	0.	1		1520	185	0.	2		0350	335	0.	2		1620	485	0.
1		0255	36	0.	1		1525	186	0.	2		0355	336	0.	2		1625	486	0.
1		0300	37	0.	1		1530	187	0.	2		0400	337	0.	2		1630	487	0.
1		0305	38	0.	1		1535	188	0.	2		0405	338	0.	2		1635	488	0.
1		0310	39	0.	1		1540	189	0.	2		0410	339	0.	2		1640	489	0.
1		0315	40	0.	1		1545	190	0.	2		0415	340	0.	2		1645	490	0.
1		0320	41	0.	1		1550	191	0.	2		0420	341	0.	2		1650	491	0.
1		0325	42	0.	1		1555	192	0.	2		0425	342	0.	2		1655	492	0.
1		0330	43	0.	1		1600	193	0.	2		0430	343	0.	2		1700	493	0.
1		0335	44	0.	1		1605	194	0.	2		0435	344	0.	2		1705	494	0.
1		0340	45	0.	1		1610	195	0.	2		0440	345	0.	2		1710	495	0.
1		0345	46	0.	1		1615	196	0.	2		0445	346	0.	2		1715	496	0.
1		0350	47	0.	1		1620	197	0.	2		0450	347	0.	2		1720	497	0.
1		0355	48	0.	1		1625	198	0.	2		0455	348	0.	2		1725	498	0.
1		0400	49	0.	1		1630	199	0.	2		0500	349	0.	2		1730	499	0.
1		0405	50	0.	1		1635	200	0.	2		0505	350	0.	2		1735	500	0.
1		0410	51	0.	1		1640	201	0.	2		0510	351	0.	2		1740	501	0.
1		0415	52	0.	1		1645	202	0.	2		0515	352	0.	2		1745	502	0.
1		0420	53	0.	1		1650	203	0.	2		0520	353	0.	2		1750	503	0.
1		0425	54	0.	1		1655	204	0.	2		0525	354	0.	2		1755	504	0.
1		0430	55	0.	1		1700	205	0.	2		0530	355	0.	2		1800	505	0.
1		0435	56	0.	1		1705	206	0.	2		0535	356	0.	2		1805	506	0.
1		0440	57	0.	1		1710	207	0.	2		0540	357	0.	2		1810	507	0.
1		0445	58	0.	1		1715	208	0.	2		0545	358	0.	2		1815	508	0.
1		0450	59	0.	1		1720	209	0.	2		0550	359	0.	2		1820	509	0.
1		0455	60	0.	1		1725	210	0.	2		0555	360	0.	2		1825	510	0.
1		0500	61	0.	1		1730	211	0.	2		0600	361	0.	2		1830	511	0.
1		0505	62	0.	1		1735	212	0.	2		0605	362	0.	2		1835	512	0.
1		0510	63	0.	1		1740	213	0.	2		0610	363	0.	2		1840	513	0.
1		0515	64	0.	1		1745	214	0.	2		0615	364	0.	2		1845	514	0.
1		0520	65	0.	1		1750	215	0.	2		0620	365	0.	2		1850	515	0.
1		0525	66	0.	1		1755	216	0.	2		0625	366	0.	2		1855	516	0.

1	0530	67	0.	*	1	1800	217	0.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	0.	*	1	1805	218	0.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	0.	*	1	1810	219	0.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	0.	*	1	1815	220	0.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	0.	*	1	1820	221	0.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	0.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	0.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	0.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	0.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	0.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	0.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	0.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	0.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	0.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	0.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	0.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	169.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	255.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	160.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 255.	12.33		11.	3.	1.	1.
		(INCHES)	.442	.451	.451	.451
		(AC-FT)	6.	6.	6.	6.

CUMULATIVE AREA = .24 SQ MI

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

            **************
            *            *
 177 KK     *    !271AT  *
            *            *
            **************

 178 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE
                      IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                       IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                      ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                      ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                              DIVERT ONSITE RETENTION VOLUME

     DT          DIVERSION
                      ISTAD     217ART  DIVERSION HYDROGRAPH IDENTIFICATION
                     DSTRMX      21.70  MAXIMUM VOLUME TO BE DIVERTED

     DI            INFLOW         .00  10000.00

     DQ      DIVERTED FLOW        .00  10000.00

                                                        ***

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

                                          DIVERSION HYDROGRAPH   217ART

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

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		1230	151	274.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	277.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	165.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	0.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	0.	2		0120	305	0.	2		1350	455	0.
1		0025	6	1.	1		1255	156	0.	2		0125	306	0.	2		1355	456	0.
1		0030	7	1.	1		1300	157	0.	2		0130	307	0.	2		1400	457	0.
1		0035	8	1.	1		1305	158	0.	2		0135	308	0.	2		1405	458	0.
1		0040	9	2.	1		1310	159	0.	2		0140	309	0.	2		1410	459	0.
1		0045	10	2.	1		1315	160	0.	2		0145	310	0.	2		1415	460	0.
1		0050	11	3.	1		1320	161	0.	2		0150	311	0.	2		1420	461	0.
1		0055	12	3.	1		1325	162	0.	2		0155	312	0.	2		1425	462	0.
1		0100	13	4.	1		1330	163	0.	2		0200	313	0.	2		1430	463	0.
1		0105	14	4.	1		1335	164	0.	2		0205	314	0.	2		1435	464	0.
1		0110	15	4.	1		1340	165	0.	2		0210	315	0.	2		1440	465	0.
1		0115	16	4.	1		1345	166	0.	2		0215	316	0.	2		1445	466	0.
1		0120	17	5.	1		1350	167	0.	2		0220	317	0.	2		1450	467	0.
1		0125	18	5.	1		1355	168	0.	2		0225	318	0.	2		1455	468	0.
1		0130	19	5.	1		1400	169	0.	2		0230	319	0.	2		1500	469	0.
1		0135	20	5.	1		1405	170	0.	2		0235	320	0.	2		1505	470	0.
1		0140	21	5.	1		1410	171	0.	2		0240	321	0.	2		1510	471	0.
1		0145	22	5.	1		1415	172	0.	2		0245	322	0.	2		1515	472	0.
1		0150	23	5.	1		1420	173	0.	2		0250	323	0.	2		1520	473	0.
1		0155	24	5.	1		1425	174	0.	2		0255	324	0.	2		1525	474	0.
1		0200	25	5.	1		1430	175	0.	2		0300	325	0.	2		1530	475	0.
1		0205	26	5.	1		1435	176	0.	2		0305	326	0.	2		1535	476	0.
1		0210	27	5.	1		1440	177	0.	2		0310	327	0.	2		1540	477	0.
1		0215	28	5.	1		1445	178	0.	2		0315	328	0.	2		1545	478	0.
1		0220	29	5.	1		1450	179	0.	2		0320	329	0.	2		1550	479	0.
1		0225	30	5.	1		1455	180	0.	2		0325	330	0.	2		1555	480	0.
1		0230	31	5.	1		1500	181	0.	2		0330	331	0.	2		1600	481	0.
1		0235	32	5.	1		1505	182	0.	2		0335	332	0.	2		1605	482	0.
1		0240	33	5.	1		1510	183	0.	2		0340	333	0.	2		1610	483	0.
1		0245	34	5.	1		1515	184	0.	2		0345	334	0.	2		1615	484	0.
1		0250	35	5.	1		1520	185	0.	2		0350	335	0.	2		1620	485	0.
1		0255	36	5.	1		1525	186	0.	2		0355	336	0.	2		1625	486	0.
1		0300	37	5.	1		1530	187	0.	2		0400	337	0.	2		1630	487	0.
1		0305	38	5.	1		1535	188	0.	2		0405	338	0.	2		1635	488	0.
1		0310	39	5.	1		1540	189	0.	2		0410	339	0.	2		1640	489	0.
1		0315	40	5.	1		1545	190	0.	2		0415	340	0.	2		1645	490	0.
1		0320	41	5.	1		1550	191	0.	2		0420	341	0.	2		1650	491	0.
1		0325	42	5.	1		1555	192	0.	2		0425	342	0.	2		1655	492	0.
1		0330	43	5.	1		1600	193	0.	2		0430	343	0.	2		1700	493	0.
1		0335	44	5.	1		1605	194	0.	2		0435	344	0.	2		1705	494	0.
1		0340	45	5.	1		1610	195	0.	2		0440	345	0.	2		1710	495	0.
1		0345	46	5.	1		1615	196	0.	2		0445	346	0.	2		1715	496	0.
1		0350	47	5.	1		1620	197	0.	2		0450	347	0.	2		1720	497	0.
1		0355	48	5.	1		1625	198	0.	2		0455	348	0.	2		1725	498	0.
1		0400	49	5.	1		1630	199	0.	2		0500	349	0.	2		1730	499	0.
1		0405	50	5.	1		1635	200	0.	2		0505	350	0.	2		1735	500	0.
1		0410	51	5.	1		1640	201	0.	2		0510	351	0.	2		1740	501	0.
1		0415	52	5.	1		1645	202	0.	2		0515	352	0.	2		1745	502	0.
1		0420	53	6.	1		1650	203	0.	2		0520	353	0.	2		1750	503	0.
1		0425	54	6.	1		1655	204	0.	2		0525	354	0.	2		1755	504	0.
1		0430	55	6.	1		1700	205	0.	2		0530	355	0.	2		1800	505	0.
1		0435	56	6.	1		1705	206	0.	2		0535	356	0.	2		1805	506	0.
1		0440	57	6.	1		1710	207	0.	2		0540	357	0.	2		1810	507	0.
1		0445	58	6.	1		1715	208	0.	2		0545	358	0.	2		1815	508	0.
1		0450	59	6.	1		1720	209	0.	2		0550	359	0.	2		1820	509	0.

1	0455	60	7.	*	1	1725	210	0.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	7.	*	1	1730	211	0.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	7.	*	1	1735	212	0.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	7.	*	1	1740	213	0.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	7.	*	1	1745	214	0.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	7.	*	1	1750	215	0.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	7.	*	1	1755	216	0.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	7.	*	1	1800	217	0.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	7.	*	1	1805	218	0.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	7.	*	1	1810	219	0.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	7.	*	1	1815	220	0.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	7.	*	1	1820	221	0.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	7.	*	1	1825	222	0.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	7.	*	1	1830	223	0.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	7.	*	1	1835	224	0.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	7.	*	1	1840	225	0.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	7.	*	1	1845	226	0.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	7.	*	1	1850	227	0.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	7.	*	1	1855	228	0.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	7.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	7.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	7.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	8.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	8.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	8.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	8.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	8.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	8.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	8.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	8.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	8.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	8.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	8.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	8.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	8.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	8.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	8.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	8.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	8.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	8.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	9.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	9.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	9.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	9.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	9.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	9.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	10.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	10.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	10.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	11.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	11.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	11.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	11.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	12.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	12.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	12.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	12.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	12.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	13.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	13.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	13.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	13.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	14.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	14.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	14.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	15.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	15.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	15.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	16.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	16.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	17.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	18.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	19.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	20.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	21.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	22.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	24.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	25.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	27.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	28.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	32.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	35.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	43.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	57.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	73.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	100.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	129.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	168.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	197.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	221.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	250.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW (CFS) 6-HR	24-HR	72-HR	49.92-HR
+ 277.	12.58	38.	11.	5.	5.

(INCHES)	1.477	1.695	1.695	1.695
(AC-FT)	19.	22.	22.	22.

CUMULATIVE AREA = .24 SQ MI

****

HYDROGRAPH AT STATION !271AT

****

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		1230	151	0.	2		0100	301	1.	2		1330	451	0.
1		0005	2	0.	1		1235	152	0.	2		0105	302	1.	2		1335	452	0.
1		0010	3	0.	1		1240	153	89.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	216.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	187.	2		0120	305	0.	2		1350	455	0.
1		0025	6	0.	1		1255	156	160.	2		0125	306	0.	2		1355	456	0.
1		0030	7	0.	1		1300	157	133.	2		0130	307	0.	2		1400	457	0.
1		0035	8	0.	1		1305	158	108.	2		0135	308	0.	2		1405	458	0.
1		0040	9	0.	1		1310	159	88.	2		0140	309	0.	2		1410	459	0.
1		0045	10	0.	1		1315	160	73.	2		0145	310	0.	2		1415	460	0.
1		0050	11	0.	1		1320	161	65.	2		0150	311	0.	2		1420	461	0.
1		0055	12	0.	1		1325	162	55.	2		0155	312	0.	2		1425	462	0.
1		0100	13	0.	1		1330	163	47.	2		0200	313	0.	2		1430	463	0.
1		0105	14	0.	1		1335	164	41.	2		0205	314	0.	2		1435	464	0.
1		0110	15	0.	1		1340	165	38.	2		0210	315	0.	2		1440	465	0.
1		0115	16	0.	1		1345	166	35.	2		0215	316	0.	2		1445	466	0.
1		0120	17	0.	1		1350	167	33.	2		0220	317	0.	2		1450	467	0.
1		0125	18	0.	1		1355	168	30.	2		0225	318	0.	2		1455	468	0.
1		0130	19	0.	1		1400	169	27.	2		0230	319	0.	2		1500	469	0.
1		0135	20	0.	1		1405	170	23.	2		0235	320	0.	2		1505	470	0.
1		0140	21	0.	1		1410	171	22.	2		0240	321	0.	2		1510	471	0.
1		0145	22	0.	1		1415	172	21.	2		0245	322	0.	2		1515	472	0.
1		0150	23	0.	1		1420	173	20.	2		0250	323	0.	2		1520	473	0.
1		0155	24	0.	1		1425	174	19.	2		0255	324	0.	2		1525	474	0.
1		0200	25	0.	1		1430	175	18.	2		0300	325	0.	2		1530	475	0.
1		0205	26	0.	1		1435	176	18.	2		0305	326	0.	2		1535	476	0.
1		0210	27	0.	1		1440	177	17.	2		0310	327	0.	2		1540	477	0.
1		0215	28	0.	1		1445	178	16.	2		0315	328	0.	2		1545	478	0.
1		0220	29	0.	1		1450	179	16.	2		0320	329	0.	2		1550	479	0.
1		0225	30	0.	1		1455	180	15.	2		0325	330	0.	2		1555	480	0.
1		0230	31	0.	1		1500	181	14.	2		0330	331	0.	2		1600	481	0.
1		0235	32	0.	1		1505	182	14.	2		0335	332	0.	2		1605	482	0.
1		0240	33	0.	1		1510	183	14.	2		0340	333	0.	2		1610	483	0.
1		0245	34	0.	1		1515	184	13.	2		0345	334	0.	2		1615	484	0.
1		0250	35	0.	1		1520	185	13.	2		0350	335	0.	2		1620	485	0.
1		0255	36	0.	1		1525	186	12.	2		0355	336	0.	2		1625	486	0.
1		0300	37	0.	1		1530	187	12.	2		0400	337	0.	2		1630	487	0.
1		0305	38	0.	1		1535	188	12.	2		0405	338	0.	2		1635	488	0.
1		0310	39	0.	1		1540	189	12.	2		0410	339	0.	2		1640	489	0.
1		0315	40	0.	1		1545	190	12.	2		0415	340	0.	2		1645	490	0.
1		0320	41	0.	1		1550	191	11.	2		0420	341	0.	2		1650	491	0.
1		0325	42	0.	1		1555	192	11.	2		0425	342	0.	2		1655	492	0.
1		0330	43	0.	1		1600	193	11.	2		0430	343	0.	2		1700	493	0.
1		0335	44	0.	1		1605	194	11.	2		0435	344	0.	2		1705	494	0.
1		0340	45	0.	1		1610	195	11.	2		0440	345	0.	2		1710	495	0.
1		0345	46	0.	1		1615	196	10.	2		0445	346	0.	2		1715	496	0.
1		0350	47	0.	1		1620	197	10.	2		0450	347	0.	2		1720	497	0.
1		0355	48	0.	1		1625	198	10.	2		0455	348	0.	2		1725	498	0.
1		0400	49	0.	1		1630	199	10.	2		0500	349	0.	2		1730	499	0.
1		0405	50	0.	1		1635	200	10.	2		0505	350	0.	2		1735	500	0.
1		0410	51	0.	1		1640	201	10.	2		0510	351	0.	2		1740	501	0.
1		0415	52	0.	1		1645	202	10.	2		0515	352	0.	2		1745	502	0.
1		0420	53	0.	1		1650	203	10.	2		0520	353	0.	2		1750	503	0.
1		0425	54	0.	1		1655	204	10.	2		0525	354	0.	2		1755	504	0.
1		0430	55	0.	1		1700	205	10.	2		0530	355	0.	2		1800	505	0.
1		0435	56	0.	1		1705	206	10.	2		0535	356	0.	2		1805	506	0.
1		0440	57	0.	1		1710	207	9.	2		0540	357	0.	2		1810	507	0.
1		0445	58	0.	1		1715	208	9.	2		0545	358	0.	2		1815	508	0.
1		0450	59	0.	1		1720	209	9.	2		0550	359	0.	2		1820	509	0.
1		0455	60	0.	1		1725	210	9.	2		0555	360	0.	2		1825	510	0.
1		0500	61	0.	1		1730	211	9.	2		0600	361	0.	2		1830	511	0.
1		0505	62	0.	1		1735	212	9.	2		0605	362	0.	2		1835	512	0.
1		0510	63	0.	1		1740	213	9.	2		0610	363	0.	2		1840	513	0.
1		0515	64	0.	1		1745	214	9.	2		0615	364	0.	2		1845	514	0.
1		0520	65	0.	1		1750	215	8.	2		0620	365	0.	2		1850	515	0.
1		0525	66	0.	1		1755	216	8.	2		0625	366	0.	2		1855	516	0.
1		0530	67	0.	1		1800	217	8.	2		0630	367	0.	2		1900	517	0.
1		0535	68	0.	1		1805	218	8.	2		0635	368	0.	2		1905	518	0.
1		0540	69	0.	1		1810	219	8.	2		0640	369	0.	2		1910	519	0.
1		0545	70	0.	1		1815	220	8.	2		0645	370	0.	2		1915	520	0.
1		0550	71	0.	1		1820	221	8.	2		0650	371	0.	2		1920	521	0.
1		0555	72	0.	1		1825	222	8.	2		0655	372	0.	2		1925	522	0.
1		0600	73	0.	1		1830	223	7.	2		0700	373	0.	2		1930	523	0.
1		0605	74	0.	1		1835	224	7.	2		0705	374	0.	2		1935	524	0.
1		0610	75	0.	1		1840	225	7.	2		0710	375	0.	2		1940	525	0.
1		0615	76	0.	1		1845	226	7.	2		0715	376	0.	2		1945	526	0.
1		0620	77	0.	1		1850	227	7.	2		0720	377	0.	2		1950	527	0.
1		0625	78	0.	1		1855	228	7.	2		0725	378	0.	2		1955	528	0.
1		0630	79	0.	1		1900	229	7.	2		0730	379	0.	2		2000	529	0.
1		0635	80	0.	1		1905	230	7.	2		0735	380	0.	2		2005	530	0.
1		0640	81	0.	1		1910	231	7.	2		0740	381	0.	2		2010	531	0.
1		0645	82	0.	1		1915	232	7.	2		0745	382	0.	2		2015	532	0.
1		0650	83	0.	1		1920	233	7.	2		0750	383	0.	2		2020	533	0.
1		0655	84	0.	1		1925	234	7.	2		0755	384	0.	2		2025	534	0.
1		0700	85	0.	1		1930	235	7.	2		0800	385	0.	2		2030	535	0.

1	0705	86	0.	*	1	1935	236	7.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	7.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	7.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	7.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	7.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	7.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	7.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	6.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	6.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	6.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	6.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	6.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	6.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	6.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	5.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	5.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	5.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	5.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	5.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	5.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	5.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	5.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	5.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	5.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	5.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	5.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	5.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	5.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	5.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	5.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	5.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	5.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	5.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	5.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	5.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	5.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	5.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	5.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	0.	*	1	2245	274	5.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	5.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	5.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	5.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	0.	*	1	2305	278	5.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	5.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	5.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	5.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	5.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	5.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	5.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	5.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	5.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	5.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	5.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	5.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	5.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	5.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	4.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	4.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	4.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	3.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	0.	*	2	0035	296	3.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	0.	*	2	0040	297	2.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	0.	*	2	0045	298	2.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	0.	*	2	0050	299	1.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	1.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+ 216.	12.75	(CFS)	29.	9.	4.	4.
		(INCHES)	1.115	1.335	1.335	1.335
		(AC-FT)	14.	17.	17.	17.

CUMULATIVE AREA = .24 SQ MI

*** ***

```
              **************
              *            *
214 KK        *   !255AT   *
              *            *
              **************
```

```
215 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE
                     IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                      IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                     ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                     ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                    TIMINT       .083  TIME INTERVAL IN HOURS
```

DIVERT FUTURE ONSITE RETENTION REQUIREMENT

```
DT          DIVERSION
                ISTAD      255ART  DIVERSION HYDROGRAPH IDENTIFICATION
               DSTRMX       30.50  MAXIMUM VOLUME TO BE DIVERTED

DI            INFLOW         .00  10000.00

DQ      DIVERTED FLOW        .00  10000.00
```

***

****

DIVERSION HYDROGRAPH 255ART

****

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		1230	151	0.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	0.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	0.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	0.	2		0115	304	0.	2		1345	454	0.
1		0020	5	1.	1		1250	155	0.	2		0120	305	0.	2		1350	455	0.
1		0025	6	1.	1		1255	156	0.	2		0125	306	0.	2		1355	456	0.
1		0030	7	1.	1		1300	157	0.	2		0130	307	0.	2		1400	457	0.
1		0035	8	1.	1		1305	158	0.	2		0135	308	0.	2		1405	458	0.
1		0040	9	2.	1		1310	159	0.	2		0140	309	0.	2		1410	459	0.
1		0045	10	2.	1		1315	160	0.	2		0145	310	0.	2		1415	460	0.
1		0050	11	2.	1		1320	161	0.	2		0150	311	0.	2		1420	461	0.
1		0055	12	2.	1		1325	162	0.	2		0155	312	0.	2		1425	462	0.
1		0100	13	2.	1		1330	163	0.	2		0200	313	0.	2		1430	463	0.
1		0105	14	2.	1		1335	164	0.	2		0205	314	0.	2		1435	464	0.
1		0110	15	2.	1		1340	165	0.	2		0210	315	0.	2		1440	465	0.
1		0115	16	2.	1		1345	166	0.	2		0215	316	0.	2		1445	466	0.
1		0120	17	2.	1		1350	167	0.	2		0220	317	0.	2		1450	467	0.
1		0125	18	2.	1		1355	168	0.	2		0225	318	0.	2		1455	468	0.
1		0130	19	2.	1		1400	169	0.	2		0230	319	0.	2		1500	469	0.
1		0135	20	2.	1		1405	170	0.	2		0235	320	0.	2		1505	470	0.
1		0140	21	2.	1		1410	171	0.	2		0240	321	0.	2		1510	471	0.
1		0145	22	2.	1		1415	172	0.	2		0245	322	0.	2		1515	472	0.
1		0150	23	2.	1		1420	173	0.	2		0250	323	0.	2		1520	473	0.
1		0155	24	2.	1		1425	174	0.	2		0255	324	0.	2		1525	474	0.
1		0200	25	2.	1		1430	175	0.	2		0300	325	0.	2		1530	475	0.
1		0205	26	2.	1		1435	176	0.	2		0305	326	0.	2		1535	476	0.
1		0210	27	2.	1		1440	177	0.	2		0310	327	0.	2		1540	477	0.
1		0215	28	2.	1		1445	178	0.	2		0315	328	0.	2		1545	478	0.
1		0220	29	2.	1		1450	179	0.	2		0320	329	0.	2		1550	479	0.
1		0225	30	2.	1		1455	180	0.	2		0325	330	0.	2		1555	480	0.
1		0230	31	2.	1		1500	181	0.	2		0330	331	0.	2		1600	481	0.
1		0235	32	2.	1		1505	182	0.	2		0335	332	0.	2		1605	482	0.
1		0240	33	2.	1		1510	183	0.	2		0340	333	0.	2		1610	483	0.
1		0245	34	2.	1		1515	184	0.	2		0345	334	0.	2		1615	484	0.
1		0250	35	2.	1		1520	185	0.	2		0350	335	0.	2		1620	485	0.
1		0255	36	2.	1		1525	186	0.	2		0355	336	0.	2		1625	486	0.
1		0300	37	2.	1		1530	187	0.	2		0400	337	0.	2		1630	487	0.
1		0305	38	2.	1		1535	188	0.	2		0405	338	0.	2		1635	488	0.
1		0310	39	2.	1		1540	189	0.	2		0410	339	0.	2		1640	489	0.
1		0315	40	2.	1		1545	190	0.	2		0415	340	0.	2		1645	490	0.
1		0320	41	2.	1		1550	191	0.	2		0420	341	0.	2		1650	491	0.
1		0325	42	2.	1		1555	192	0.	2		0425	342	0.	2		1655	492	0.
1		0330	43	2.	1		1600	193	0.	2		0430	343	0.	2		1700	493	0.
1		0335	44	2.	1		1605	194	0.	2		0435	344	0.	2		1705	494	0.
1		0340	45	2.	1		1610	195	0.	2		0440	345	0.	2		1710	495	0.
1		0345	46	2.	1		1615	196	0.	2		0445	346	0.	2		1715	496	0.
1		0350	47	2.	1		1620	197	0.	2		0450	347	0.	2		1720	497	0.
1		0355	48	2.	1		1625	198	0.	2		0455	348	0.	2		1725	498	0.
1		0400	49	2.	1		1630	199	0.	2		0500	349	0.	2		1730	499	0.
1		0405	50	2.	1		1635	200	0.	2		0505	350	0.	2		1735	500	0.
1		0410	51	3.	1		1640	201	0.	2		0510	351	0.	2		1740	501	0.
1		0415	52	3.	1		1645	202	0.	2		0515	352	0.	2		1745	502	0.
1		0420	53	3.	1		1650	203	0.	2		0520	353	0.	2		1750	503	0.
1		0425	54	3.	1		1655	204	0.	2		0525	354	0.	2		1755	504	0.
1		0430	55	3.	1		1700	205	0.	2		0530	355	0.	2		1800	505	0.
1		0435	56	3.	1		1705	206	0.	2		0535	356	0.	2		1805	506	0.
1		0440	57	3.	1		1710	207	0.	2		0540	357	0.	2		1810	507	0.
1		0445	58	3.	1		1715	208	0.	2		0545	358	0.	2		1815	508	0.
1		0450	59	3.	1		1720	209	0.	2		0550	359	0.	2		1820	509	0.
1		0455	60	3.	1		1725	210	0.	2		0555	360	0.	2		1825	510	0.
1		0500	61	3.	1		1730	211	0.	2		0600	361	0.	2		1830	511	0.
1		0505	62	3.	1		1735	212	0.	2		0605	362	0.	2		1835	512	0.
1		0510	63	3.	1		1740	213	0.	2		0610	363	0.	2		1840	513	0.
1		0515	64	3.	1		1745	214	0.	2		0615	364	0.	2		1845	514	0.
1		0520	65	3.	1		1750	215	0.	2		0620	365	0.	2		1850	515	0.
1		0525	66	3.	1		1755	216	0.	2		0625	366	0.	2		1855	516	0.
1		0530	67	3.	1		1800	217	0.	2		0630	367	0.	2		1900	517	0.
1		0535	68	3.	1		1805	218	0.	2		0635	368	0.	2		1905	518	0.
1		0540	69	3.	1		1810	219	0.	2		0640	369	0.	2		1910	519	0.
1		0545	70	3.	1		1815	220	0.	2		0645	370	0.	2		1915	520	0.
1		0550	71	3.	1		1820	221	0.	2		0650	371	0.	2		1920	521	0.
1		0555	72	3.	1		1825	222	0.	2		0655	372	0.	2		1925	522	0.
1		0600	73	3.	1		1830	223	0.	2		0700	373	0.	2		1930	523	0.
1		0605	74	3.	1		1835	224	0.	2		0705	374	0.	2		1935	524	0.
1		0610	75	3.	1		1840	225	0.	2		0710	375	0.	2		1940	525	0.
1		0615	76	3.	1		1845	226	0.	2		0715	376	0.	2		1945	526	0.
1		0620	77	3.	1		1850	227	0.	2		0720	377	0.	2		1950	527	0.
1		0625	78	3.	1		1855	228	0.	2		0725	378	0.	2		1955	528	0.

1	0630	79	3.	*	1	1900	229	0.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	3.	*	1	1905	230	0.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	3.	*	1	1910	231	0.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	3.	*	1	1915	232	0.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	3.	*	1	1920	233	0.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	3.	*	1	1925	234	0.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	3.	*	1	1930	235	0.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	4.	*	1	1935	236	0.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	4.	*	1	1940	237	0.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	4.	*	1	1945	238	0.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	4.	*	1	1950	239	0.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	4.	*	1	1955	240	0.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	4.	*	1	2000	241	0.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	4.	*	1	2005	242	0.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	4.	*	1	2010	243	0.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	4.	*	1	2015	244	0.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	4.	*	1	2020	245	0.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	4.	*	1	2025	246	0.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	4.	*	1	2030	247	0.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	4.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	4.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	4.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	4.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	4.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	4.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	4.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	5.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	5.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	5.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	5.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	5.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	5.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	5.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	5.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	5.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	5.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	5.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	6.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	6.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	6.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	6.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	6.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	6.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	6.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	6.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	6.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	7.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	7.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	7.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	8.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	8.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	9.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	9.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	10.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	10.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	11.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	12.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	12.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	13.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	14.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	15.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	24.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	55.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	103.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	194.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	362.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	544.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	739.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	884.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	894.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	105.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+		(CFS)				
+ 894.	12.25		59.	15.	7.	7.
		(INCHES)	.922	.958	.958	.958
		(AC-FT)	29.	30.	30.	30.

CUMULATIVE AREA = .60 SQ MI

****

HYDROGRAPH AT STATION !255AT

****

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		1230	151	348.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	214.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	126.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	79.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	51.	2		0120	305	0.	2		1350	455	0.

1	0025	6	0.	*	1	1255	156	38.	*	2	0125	306	0.	*	2	1355	456	0.
1	0030	7	0.	*	1	1300	157	27.	*	2	0130	307	0.	*	2	1400	457	0.
1	0035	8	0.	*	1	1305	158	16.	*	2	0135	308	0.	*	2	1405	458	0.
1	0040	9	0.	*	1	1310	159	15.	*	2	0140	309	0.	*	2	1410	459	0.
1	0045	10	0.	*	1	1315	160	14.	*	2	0145	310	0.	*	2	1415	460	0.
1	0050	11	0.	*	1	1320	161	12.	*	2	0150	311	0.	*	2	1420	461	0.
1	0055	12	0.	*	1	1325	162	11.	*	2	0155	312	0.	*	2	1425	462	0.
1	0100	13	0.	*	1	1330	163	11.	*	2	0200	313	0.	*	2	1430	463	0.
1	0105	14	0.	*	1	1335	164	10.	*	2	0205	314	0.	*	2	1435	464	0.
1	0110	15	0.	*	1	1340	165	10.	*	2	0210	315	0.	*	2	1440	465	0.
1	0115	16	0.	*	1	1345	166	9.	*	2	0215	316	0.	*	2	1445	466	0.
1	0120	17	0.	*	1	1350	167	9.	*	2	0220	317	0.	*	2	1450	467	0.
1	0125	18	0.	*	1	1355	168	8.	*	2	0225	318	0.	*	2	1455	468	0.
1	0130	19	0.	*	1	1400	169	8.	*	2	0230	319	0.	*	2	1500	469	0.
1	0135	20	0.	*	1	1405	170	8.	*	2	0235	320	0.	*	2	1505	470	0.
1	0140	21	0.	*	1	1410	171	7.	*	2	0240	321	0.	*	2	1510	471	0.
1	0145	22	0.	*	1	1415	172	7.	*	2	0245	322	0.	*	2	1515	472	0.
1	0150	23	0.	*	1	1420	173	7.	*	2	0250	323	0.	*	2	1520	473	0.
1	0155	24	0.	*	1	1425	174	7.	*	2	0255	324	0.	*	2	1525	474	0.
1	0200	25	0.	*	1	1430	175	6.	*	2	0300	325	0.	*	2	1530	475	0.
1	0205	26	0.	*	1	1435	176	6.	*	2	0305	326	0.	*	2	1535	476	0.
1	0210	27	0.	*	1	1440	177	6.	*	2	0310	327	0.	*	2	1540	477	0.
1	0215	28	0.	*	1	1445	178	6.	*	2	0315	328	0.	*	2	1545	478	0.
1	0220	29	0.	*	1	1450	179	5.	*	2	0320	329	0.	*	2	1550	479	0.
1	0225	30	0.	*	1	1455	180	5.	*	2	0325	330	0.	*	2	1555	480	0.
1	0230	31	0.	*	1	1500	181	5.	*	2	0330	331	0.	*	2	1600	481	0.
1	0235	32	0.	*	1	1505	182	5.	*	2	0335	332	0.	*	2	1605	482	0.
1	0240	33	0.	*	1	1510	183	5.	*	2	0340	333	0.	*	2	1610	483	0.
1	0245	34	0.	*	1	1515	184	5.	*	2	0345	334	0.	*	2	1615	484	0.
1	0250	35	0.	*	1	1520	185	5.	*	2	0350	335	0.	*	2	1620	485	0.
1	0255	36	0.	*	1	1525	186	5.	*	2	0355	336	0.	*	2	1625	486	0.
1	0300	37	0.	*	1	1530	187	5.	*	2	0400	337	0.	*	2	1630	487	0.
1	0305	38	0.	*	1	1535	188	5.	*	2	0405	338	0.	*	2	1635	488	0.
1	0310	39	0.	*	1	1540	189	4.	*	2	0410	339	0.	*	2	1640	489	0.
1	0315	40	0.	*	1	1545	190	4.	*	2	0415	340	0.	*	2	1645	490	0.
1	0320	41	0.	*	1	1550	191	4.	*	2	0420	341	0.	*	2	1650	491	0.
1	0325	42	0.	*	1	1555	192	4.	*	2	0425	342	0.	*	2	1655	492	0.
1	0330	43	0.	*	1	1600	193	4.	*	2	0430	343	0.	*	2	1700	493	0.
1	0335	44	0.	*	1	1605	194	4.	*	2	0435	344	0.	*	2	1705	494	0.
1	0340	45	0.	*	1	1610	195	4.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	0.	*	1	1615	196	4.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	0.	*	1	1620	197	4.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	0.	*	1	1625	198	4.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	0.	*	1	1630	199	4.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	0.	*	1	1635	200	4.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	0.	*	1	1640	201	4.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	0.	*	1	1645	202	4.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	0.	*	1	1650	203	4.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	0.	*	1	1655	204	4.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	0.	*	1	1700	205	4.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	0.	*	1	1705	206	4.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	0.	*	1	1710	207	4.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	0.	*	1	1715	208	4.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	0.	*	1	1720	209	4.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	0.	*	1	1725	210	4.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	0.	*	1	1730	211	4.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	0.	*	1	1735	212	4.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	0.	*	1	1740	213	4.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	0.	*	1	1745	214	4.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	0.	*	1	1750	215	3.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	0.	*	1	1755	216	3.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	0.	*	1	1800	217	3.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	0.	*	1	1805	218	3.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	0.	*	1	1810	219	3.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	0.	*	1	1815	220	3.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	0.	*	1	1820	221	3.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	3.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	3.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	3.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	3.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	3.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	3.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	3.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	3.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	3.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	3.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	3.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	3.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	3.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	3.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	3.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	3.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	3.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	3.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	3.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	3.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	3.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	2.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	2.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	2.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	2.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	2.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	2.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	2.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	2.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	2.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	2.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	2.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	2.	*	2	0935	404	0.	*	2	2205	554	0.

1	0840	105	0.	*	1	2110	255	2.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	2.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	2.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	2.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	2.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	2.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	2.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	2.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	2.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	2.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	2.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	2.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	2.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	2.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	2.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	2.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	2.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	2.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	2.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	0.	*	1	2245	274	2.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	2.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	2.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	2.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	0.	*	1	2305	278	2.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	2.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	2.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	2.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	2.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	2.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	2.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	2.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	2.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	2.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	2.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	2.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	2.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	2.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	1.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	1.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	1.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	0.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	0.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	0.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	666.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	527.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 666.	12.33		34.	9.	4.	4.
		(INCHES)	.528	.565	.565	.565
		(AC-FT)	17.	18.	18.	18.

CUMULATIVE AREA = .60 SQ MI

*** ***

```
            **************
            *            *
289 KK      *   !270OT   *
            *            *
            **************
```

290 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	22	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	600	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

DIVERT FUTURE ONSITE RETENTION REQUIREMENT

DT DIVERSION

ISTAD	270RET	DIVERSION HYDROGRAPH IDENTIFICATION
DSTRMX	18.80	MAXIMUM VOLUME TO BE DIVERTED

DI INFLOW .00 10000.00

DQ DIVERTED FLOW .00 10000.00

***

****

DIVERSION HYDROGRAPH 270RET

****

* * *

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		1230	151	0.	*	2		0100	301	0.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	0.	*	2		0105	302	0.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	0.	*	2		0110	303	0.	*	2		1340	453	0.
1		0015	4	1.	*	1		1245	154	0.	*	2		0115	304	0.	*	2		1345	454	0.
1		0020	5	1.	*	1		1250	155	0.	*	2		0120	305	0.	*	2		1350	455	0.
1		0025	6	2.	*	1		1255	156	0.	*	2		0125	306	0.	*	2		1355	456	0.
1		0030	7	2.	*	1		1300	157	0.	*	2		0130	307	0.	*	2		1400	457	0.
1		0035	8	3.	*	1		1305	158	0.	*	2		0135	308	0.	*	2		1405	458	0.
1		0040	9	3.	*	1		1310	159	0.	*	2		0140	309	0.	*	2		1410	459	0.
1		0045	10	3.	*	1		1315	160	0.	*	2		0145	310	0.	*	2		1415	460	0.
1		0050	11	3.	*	1		1320	161	0.	*	2		0150	311	0.	*	2		1420	461	0.
1		0055	12	3.	*	1		1325	162	0.	*	2		0155	312	0.	*	2		1425	462	0.
1		0100	13	3.	*	1		1330	163	0.	*	2		0200	313	0.	*	2		1430	463	0.
1		0105	14	3.	*	1		1335	164	0.	*	2		0205	314	0.	*	2		1435	464	0.
1		0110	15	3.	*	1		1340	165	0.	*	2		0210	315	0.	*	2		1440	465	0.
1		0115	16	3.	*	1		1345	166	0.	*	2		0215	316	0.	*	2		1445	466	0.
1		0120	17	3.	*	1		1350	167	0.	*	2		0220	317	0.	*	2		1450	467	0.
1		0125	18	3.	*	1		1355	168	0.	*	2		0225	318	0.	*	2		1455	468	0.
1		0130	19	3.	*	1		1400	169	0.	*	2		0230	319	0.	*	2		1500	469	0.
1		0135	20	3.	*	1		1405	170	0.	*	2		0235	320	0.	*	2		1505	470	0.
1		0140	21	3.	*	1		1410	171	0.	*	2		0240	321	0.	*	2		1510	471	0.
1		0145	22	3.	*	1		1415	172	0.	*	2		0245	322	0.	*	2		1515	472	0.
1		0150	23	3.	*	1		1420	173	0.	*	2		0250	323	0.	*	2		1520	473	0.
1		0155	24	3.	*	1		1425	174	0.	*	2		0255	324	0.	*	2		1525	474	0.
1		0200	25	3.	*	1		1430	175	0.	*	2		0300	325	0.	*	2		1530	475	0.
1		0205	26	3.	*	1		1435	176	0.	*	2		0305	326	0.	*	2		1535	476	0.
1		0210	27	3.	*	1		1440	177	0.	*	2		0310	327	0.	*	2		1540	477	0.
1		0215	28	3.	*	1		1445	178	0.	*	2		0315	328	0.	*	2		1545	478	0.
1		0220	29	3.	*	1		1450	179	0.	*	2		0320	329	0.	*	2		1550	479	0.
1		0225	30	3.	*	1		1455	180	0.	*	2		0325	330	0.	*	2		1555	480	0.
1		0230	31	3.	*	1		1500	181	0.	*	2		0330	331	0.	*	2		1600	481	0.
1		0235	32	3.	*	1		1505	182	0.	*	2		0335	332	0.	*	2		1605	482	0.
1		0240	33	3.	*	1		1510	183	0.	*	2		0340	333	0.	*	2		1610	483	0.
1		0245	34	3.	*	1		1515	184	0.	*	2		0345	334	0.	*	2		1615	484	0.
1		0250	35	3.	*	1		1520	185	0.	*	2		0350	335	0.	*	2		1620	485	0.
1		0255	36	3.	*	1		1525	186	0.	*	2		0355	336	0.	*	2		1625	486	0.
1		0300	37	3.	*	1		1530	187	0.	*	2		0400	337	0.	*	2		1630	487	0.
1		0305	38	3.	*	1		1535	188	0.	*	2		0405	338	0.	*	2		1635	488	0.
1		0310	39	3.	*	1		1540	189	0.	*	2		0410	339	0.	*	2		1640	489	0.
1		0315	40	3.	*	1		1545	190	0.	*	2		0415	340	0.	*	2		1645	490	0.
1		0320	41	3.	*	1		1550	191	0.	*	2		0420	341	0.	*	2		1650	491	0.
1		0325	42	3.	*	1		1555	192	0.	*	2		0425	342	0.	*	2		1655	492	0.
1		0330	43	3.	*	1		1600	193	0.	*	2		0430	343	0.	*	2		1700	493	0.
1		0335	44	3.	*	1		1605	194	0.	*	2		0435	344	0.	*	2		1705	494	0.
1		0340	45	3.	*	1		1610	195	0.	*	2		0440	345	0.	*	2		1710	495	0.
1		0345	46	3.	*	1		1615	196	0.	*	2		0445	346	0.	*	2		1715	496	0.
1		0350	47	3.	*	1		1620	197	0.	*	2		0450	347	0.	*	2		1720	497	0.
1		0355	48	3.	*	1		1625	198	0.	*	2		0455	348	0.	*	2		1725	498	0.
1		0400	49	3.	*	1		1630	199	0.	*	2		0500	349	0.	*	2		1730	499	0.
1		0405	50	4.	*	1		1635	200	0.	*	2		0505	350	0.	*	2		1735	500	0.
1		0410	51	4.	*	1		1640	201	0.	*	2		0510	351	0.	*	2		1740	501	0.
1		0415	52	4.	*	1		1645	202	0.	*	2		0515	352	0.	*	2		1745	502	0.
1		0420	53	4.	*	1		1650	203	0.	*	2		0520	353	0.	*	2		1750	503	0.
1		0425	54	4.	*	1		1655	204	0.	*	2		0525	354	0.	*	2		1755	504	0.
1		0430	55	4.	*	1		1700	205	0.	*	2		0530	355	0.	*	2		1800	505	0.
1		0435	56	4.	*	1		1705	206	0.	*	2		0535	356	0.	*	2		1805	506	0.
1		0440	57	4.	*	1		1710	207	0.	*	2		0540	357	0.	*	2		1810	507	0.
1		0445	58	4.	*	1		1715	208	0.	*	2		0545	358	0.	*	2		1815	508	0.
1		0450	59	4.	*	1		1720	209	0.	*	2		0550	359	0.	*	2		1820	509	0.
1		0455	60	4.	*	1		1725	210	0.	*	2		0555	360	0.	*	2		1825	510	0.
1		0500	61	4.	*	1		1730	211	0.	*	2		0600	361	0.	*	2		1830	511	0.
1		0505	62	4.	*	1		1735	212	0.	*	2		0605	362	0.	*	2		1835	512	0.
1		0510	63	4.	*	1		1740	213	0.	*	2		0610	363	0.	*	2		1840	513	0.
1		0515	64	4.	*	1		1745	214	0.	*	2		0615	364	0.	*	2		1845	514	0.
1		0520	65	4.	*	1		1750	215	0.	*	2		0620	365	0.	*	2		1850	515	0.
1		0525	66	4.	*	1		1755	216	0.	*	2		0625	366	0.	*	2		1855	516	0.
1		0530	67	4.	*	1		1800	217	0.	*	2		0630	367	0.	*	2		1900	517	0.
1		0535	68	4.	*	1		1805	218	0.	*	2		0635	368	0.	*	2		1905	518	0.
1		0540	69	4.	*	1		1810	219	0.	*	2		0640	369	0.	*	2		1910	519	0.
1		0545	70	4.	*	1		1815	220	0.	*	2		0645	370	0.	*	2		1915	520	0.
1		0550	71	4.	*	1		1820	221	0.	*	2		0650	371	0.	*	2		1920	521	0.
1		0555	72	4.	*	1		1825	222	0.	*	2		0655	372	0.	*	2		1925	522	0.
1		0600	73	4.	*	1		1830	223	0.	*	2		0700	373	0.	*	2		1930	523	0.
1		0605	74	4.	*	1		1835	224	0.	*	2		0705	374	0.	*	2		1935	524	0.
1		0610	75	4.	*	1		1840	225	0.	*	2		0710	375	0.	*	2		1940	525	0.
1		0615	76	4.	*	1		1845	226	0.	*	2		0715	376	0.	*	2		1945	526	0.
1		0620	77	5.	*	1		1850	227	0.	*	2		0720	377	0.	*	2		1950	527	0.
1		0625	78	5.	*	1		1855	228	0.	*	2		0725	378	0.	*	2		1955	528	0.
1		0630	79	5.	*	1		1900	229	0.	*	2		0730	379	0.	*	2		2000	529	0.
1		0635	80	5.	*	1		1905	230	0.	*	2		0735	380	0.	*	2		2005	530	0.
1		0640	81	5.	*	1		1910	231	0.	*	2		0740	381	0.	*	2		2010	531	0.
1		0645	82	5.	*	1		1915	232	0.	*	2		0745	382	0.	*	2		2015	532	0.
1		0650	83	5.	*	1		1920	233	0.	*	2		0750	383	0.	*	2		2020	533	0.
1		0655	84	5.	*	1		1925	234	0.	*	2		0755	384	0.	*	2		2025	534	0.
1		0700	85	5.	*	1		1930	235	0.	*	2		0800	385	0.	*	2		2030	535	0.
1		0705	86	5.	*	1		1935	236	0.	*	2		0805	386	0.	*	2		2035	536	0.
1		0710	87	5.	*	1		1940	237	0.	*	2		0810	387	0.	*	2		2040	537	0.
1		0715	88	5.	*	1		1945	238	0.	*	2		0815	388	0.	*	2		2045	538	0.
1		0720	89	5.	*	1		1950	239	0.	*	2		0820	389	0.	*	2		2050	539	0.
1		0725	90	5.	*	1		1955	240	0.	*	2		0825	390	0.	*	2		2055	540	0.
1		0730	91	5.	*	1		2000	241	0.	*	2		0830	391	0.	*	2		2100	541	0.
1		0735	92	5.	*	1		2005	242	0.	*	2		0835	392	0.	*	2		2105	542	0.
1		0740	93	5.	*	1		2010	243	0.	*	2		0840	393	0.	*	2		2110	543	0.
1		0745	94	5.	*	1		2015	244	0.	*	2		0845	394	0.	*	2		2115	544	0.
1		0750	95	5.	*	1		2020	245	0.	*	2		0850	395	0.	*	2		2120	545	0.
1		0755	96	5.	*	1		2025	246	0.	*	2		0855	396	0.	*	2		2125	546	0.
1		0800	97	5.	*	1		2030	247	0.	*	2		0900	397	0.	*	2		2130	547	0.

1	0805	98	5.	*	1	2035	248	0.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	5.	*	1	2040	249	0.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	5.	*	1	2045	250	0.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	6.	*	1	2050	251	0.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	6.	*	1	2055	252	0.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	6.	*	1	2100	253	0.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	7.	*	1	2105	254	0.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	7.	*	1	2110	255	0.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	7.	*	1	2115	256	0.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	7.	*	1	2120	257	0.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	7.	*	1	2125	258	0.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	7.	*	1	2130	259	0.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	7.	*	1	2135	260	0.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	7.	*	1	2140	261	0.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	8.	*	1	2145	262	0.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	8.	*	1	2150	263	0.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	8.	*	1	2155	264	0.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	8.	*	1	2200	265	0.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	8.	*	1	2205	266	0.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	8.	*	1	2210	267	0.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	9.	*	1	2215	268	0.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	9.	*	1	2220	269	0.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	9.	*	1	2225	270	0.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	9.	*	1	2230	271	0.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	9.	*	1	2235	272	0.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	9.	*	1	2240	273	0.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	10.	*	1	2245	274	0.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	10.	*	1	2250	275	0.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	10.	*	1	2255	276	0.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	11.	*	1	2300	277	0.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	12.	*	1	2305	278	0.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	12.	*	1	2310	279	0.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	13.	*	1	2315	280	0.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	14.	*	1	2320	281	0.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	15.	*	1	2325	282	0.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	16.	*	1	2330	283	0.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	17.	*	1	2335	284	0.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	18.	*	1	2340	285	0.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	19.	*	1	2345	286	0.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	21.	*	1	2350	287	0.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	22.	*	1	2355	288	0.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	23.	*	2	0000	289	0.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	33.	*	2	0005	290	0.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	60.	*	2	0010	291	0.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	107.	*	2	0015	292	0.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	181.	*	2	0020	293	0.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	282.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	419.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	532.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	329.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	0.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	0.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	0.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+		(CFS)				
+ 532.	12.08		35.	9.	5.	5.
		(INCHES)	1.094	1.201	1.201	1.201
		(AC-FT)	17.	19.	19.	19.

CUMULATIVE AREA = .29 SQ MI

****

HYDROGRAPH AT STATION !270OT

****

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		1230	151	78.	2		0100	301	0.	2		1330	451	0.
1		0005	2	0.	1		1235	152	48.	2		0105	302	0.	2		1335	452	0.
1		0010	3	0.	1		1240	153	36.	2		0110	303	0.	2		1340	453	0.
1		0015	4	0.	1		1245	154	27.	2		0115	304	0.	2		1345	454	0.
1		0020	5	0.	1		1250	155	25.	2		0120	305	0.	2		1350	455	0.
1		0025	6	0.	1		1255	156	23.	2		0125	306	0.	2		1355	456	0.
1		0030	7	0.	1		1300	157	21.	2		0130	307	0.	2		1400	457	0.
1		0035	8	0.	1		1305	158	20.	2		0135	308	0.	2		1405	458	0.
1		0040	9	0.	1		1310	159	18.	2		0140	309	0.	2		1410	459	0.
1		0045	10	0.	1		1315	160	17.	2		0145	310	0.	2		1415	460	0.
1		0050	11	0.	1		1320	161	16.	2		0150	311	0.	2		1420	461	0.
1		0055	12	0.	1		1325	162	15.	2		0155	312	0.	2		1425	462	0.
1		0100	13	0.	1		1330	163	14.	2		0200	313	0.	2		1430	463	0.
1		0105	14	0.	1		1335	164	14.	2		0205	314	0.	2		1435	464	0.
1		0110	15	0.	1		1340	165	13.	2		0210	315	0.	2		1440	465	0.
1		0115	16	0.	1		1345	166	12.	2		0215	316	0.	2		1445	466	0.
1		0120	17	0.	1		1350	167	12.	2		0220	317	0.	2		1450	467	0.
1		0125	18	0.	1		1355	168	11.	2		0225	318	0.	2		1455	468	0.
1		0130	19	0.	1		1400	169	11.	2		0230	319	0.	2		1500	469	0.
1		0135	20	0.	1		1405	170	10.	2		0235	320	0.	2		1505	470	0.
1		0140	21	0.	1		1410	171	10.	2		0240	321	0.	2		1510	471	0.
1		0145	22	0.	1		1415	172	10.	2		0245	322	0.	2		1515	472	0.
1		0150	23	0.	1		1420	173	9.	2		0250	323	0.	2		1520	473	0.
1		0155	24	0.	1		1425	174	9.	2		0255	324	0.	2		1525	474	0.

1	0200	25	0.	*	1	1430	175	9.	*	2	0300	325	0.	*	2	1530	475	0.
1	0205	26	0.	*	1	1435	176	8.	*	2	0305	326	0.	*	2	1535	476	0.
1	0210	27	0.	*	1	1440	177	8.	*	2	0310	327	0.	*	2	1540	477	0.
1	0215	28	0.	*	1	1445	178	8.	*	2	0315	328	0.	*	2	1545	478	0.
1	0220	29	0.	*	1	1450	179	7.	*	2	0320	329	0.	*	2	1550	479	0.
1	0225	30	0.	*	1	1455	180	7.	*	2	0325	330	0.	*	2	1555	480	0.
1	0230	31	0.	*	1	1500	181	7.	*	2	0330	331	0.	*	2	1600	481	0.
1	0235	32	0.	*	1	1505	182	7.	*	2	0335	332	0.	*	2	1605	482	0.
1	0240	33	0.	*	1	1510	183	7.	*	2	0340	333	0.	*	2	1610	483	0.
1	0245	34	0.	*	1	1515	184	7.	*	2	0345	334	0.	*	2	1615	484	0.
1	0250	35	0.	*	1	1520	185	7.	*	2	0350	335	0.	*	2	1620	485	0.
1	0255	36	0.	*	1	1525	186	7.	*	2	0355	336	0.	*	2	1625	486	0.
1	0300	37	0.	*	1	1530	187	7.	*	2	0400	337	0.	*	2	1630	487	0.
1	0305	38	0.	*	1	1535	188	6.	*	2	0405	338	0.	*	2	1635	488	0.
1	0310	39	0.	*	1	1540	189	6.	*	2	0410	339	0.	*	2	1640	489	0.
1	0315	40	0.	*	1	1545	190	6.	*	2	0415	340	0.	*	2	1645	490	0.
1	0320	41	0.	*	1	1550	191	6.	*	2	0420	341	0.	*	2	1650	491	0.
1	0325	42	0.	*	1	1555	192	6.	*	2	0425	342	0.	*	2	1655	492	0.
1	0330	43	0.	*	1	1600	193	6.	*	2	0430	343	0.	*	2	1700	493	0.
1	0335	44	0.	*	1	1605	194	6.	*	2	0435	344	0.	*	2	1705	494	0.
1	0340	45	0.	*	1	1610	195	6.	*	2	0440	345	0.	*	2	1710	495	0.
1	0345	46	0.	*	1	1615	196	6.	*	2	0445	346	0.	*	2	1715	496	0.
1	0350	47	0.	*	1	1620	197	6.	*	2	0450	347	0.	*	2	1720	497	0.
1	0355	48	0.	*	1	1625	198	6.	*	2	0455	348	0.	*	2	1725	498	0.
1	0400	49	0.	*	1	1630	199	6.	*	2	0500	349	0.	*	2	1730	499	0.
1	0405	50	0.	*	1	1635	200	6.	*	2	0505	350	0.	*	2	1735	500	0.
1	0410	51	0.	*	1	1640	201	6.	*	2	0510	351	0.	*	2	1740	501	0.
1	0415	52	0.	*	1	1645	202	6.	*	2	0515	352	0.	*	2	1745	502	0.
1	0420	53	0.	*	1	1650	203	5.	*	2	0520	353	0.	*	2	1750	503	0.
1	0425	54	0.	*	1	1655	204	5.	*	2	0525	354	0.	*	2	1755	504	0.
1	0430	55	0.	*	1	1700	205	5.	*	2	0530	355	0.	*	2	1800	505	0.
1	0435	56	0.	*	1	1705	206	5.	*	2	0535	356	0.	*	2	1805	506	0.
1	0440	57	0.	*	1	1710	207	5.	*	2	0540	357	0.	*	2	1810	507	0.
1	0445	58	0.	*	1	1715	208	5.	*	2	0545	358	0.	*	2	1815	508	0.
1	0450	59	0.	*	1	1720	209	5.	*	2	0550	359	0.	*	2	1820	509	0.
1	0455	60	0.	*	1	1725	210	5.	*	2	0555	360	0.	*	2	1825	510	0.
1	0500	61	0.	*	1	1730	211	5.	*	2	0600	361	0.	*	2	1830	511	0.
1	0505	62	0.	*	1	1735	212	5.	*	2	0605	362	0.	*	2	1835	512	0.
1	0510	63	0.	*	1	1740	213	5.	*	2	0610	363	0.	*	2	1840	513	0.
1	0515	64	0.	*	1	1745	214	5.	*	2	0615	364	0.	*	2	1845	514	0.
1	0520	65	0.	*	1	1750	215	5.	*	2	0620	365	0.	*	2	1850	515	0.
1	0525	66	0.	*	1	1755	216	5.	*	2	0625	366	0.	*	2	1855	516	0.
1	0530	67	0.	*	1	1800	217	5.	*	2	0630	367	0.	*	2	1900	517	0.
1	0535	68	0.	*	1	1805	218	4.	*	2	0635	368	0.	*	2	1905	518	0.
1	0540	69	0.	*	1	1810	219	4.	*	2	0640	369	0.	*	2	1910	519	0.
1	0545	70	0.	*	1	1815	220	4.	*	2	0645	370	0.	*	2	1915	520	0.
1	0550	71	0.	*	1	1820	221	4.	*	2	0650	371	0.	*	2	1920	521	0.
1	0555	72	0.	*	1	1825	222	4.	*	2	0655	372	0.	*	2	1925	522	0.
1	0600	73	0.	*	1	1830	223	4.	*	2	0700	373	0.	*	2	1930	523	0.
1	0605	74	0.	*	1	1835	224	4.	*	2	0705	374	0.	*	2	1935	524	0.
1	0610	75	0.	*	1	1840	225	4.	*	2	0710	375	0.	*	2	1940	525	0.
1	0615	76	0.	*	1	1845	226	4.	*	2	0715	376	0.	*	2	1945	526	0.
1	0620	77	0.	*	1	1850	227	4.	*	2	0720	377	0.	*	2	1950	527	0.
1	0625	78	0.	*	1	1855	228	4.	*	2	0725	378	0.	*	2	1955	528	0.
1	0630	79	0.	*	1	1900	229	4.	*	2	0730	379	0.	*	2	2000	529	0.
1	0635	80	0.	*	1	1905	230	4.	*	2	0735	380	0.	*	2	2005	530	0.
1	0640	81	0.	*	1	1910	231	4.	*	2	0740	381	0.	*	2	2010	531	0.
1	0645	82	0.	*	1	1915	232	4.	*	2	0745	382	0.	*	2	2015	532	0.
1	0650	83	0.	*	1	1920	233	4.	*	2	0750	383	0.	*	2	2020	533	0.
1	0655	84	0.	*	1	1925	234	4.	*	2	0755	384	0.	*	2	2025	534	0.
1	0700	85	0.	*	1	1930	235	4.	*	2	0800	385	0.	*	2	2030	535	0.
1	0705	86	0.	*	1	1935	236	4.	*	2	0805	386	0.	*	2	2035	536	0.
1	0710	87	0.	*	1	1940	237	4.	*	2	0810	387	0.	*	2	2040	537	0.
1	0715	88	0.	*	1	1945	238	4.	*	2	0815	388	0.	*	2	2045	538	0.
1	0720	89	0.	*	1	1950	239	4.	*	2	0820	389	0.	*	2	2050	539	0.
1	0725	90	0.	*	1	1955	240	4.	*	2	0825	390	0.	*	2	2055	540	0.
1	0730	91	0.	*	1	2000	241	4.	*	2	0830	391	0.	*	2	2100	541	0.
1	0735	92	0.	*	1	2005	242	3.	*	2	0835	392	0.	*	2	2105	542	0.
1	0740	93	0.	*	1	2010	243	3.	*	2	0840	393	0.	*	2	2110	543	0.
1	0745	94	0.	*	1	2015	244	3.	*	2	0845	394	0.	*	2	2115	544	0.
1	0750	95	0.	*	1	2020	245	3.	*	2	0850	395	0.	*	2	2120	545	0.
1	0755	96	0.	*	1	2025	246	3.	*	2	0855	396	0.	*	2	2125	546	0.
1	0800	97	0.	*	1	2030	247	3.	*	2	0900	397	0.	*	2	2130	547	0.
1	0805	98	0.	*	1	2035	248	3.	*	2	0905	398	0.	*	2	2135	548	0.
1	0810	99	0.	*	1	2040	249	3.	*	2	0910	399	0.	*	2	2140	549	0.
1	0815	100	0.	*	1	2045	250	3.	*	2	0915	400	0.	*	2	2145	550	0.
1	0820	101	0.	*	1	2050	251	3.	*	2	0920	401	0.	*	2	2150	551	0.
1	0825	102	0.	*	1	2055	252	3.	*	2	0925	402	0.	*	2	2155	552	0.
1	0830	103	0.	*	1	2100	253	3.	*	2	0930	403	0.	*	2	2200	553	0.
1	0835	104	0.	*	1	2105	254	3.	*	2	0935	404	0.	*	2	2205	554	0.
1	0840	105	0.	*	1	2110	255	3.	*	2	0940	405	0.	*	2	2210	555	0.
1	0845	106	0.	*	1	2115	256	3.	*	2	0945	406	0.	*	2	2215	556	0.
1	0850	107	0.	*	1	2120	257	3.	*	2	0950	407	0.	*	2	2220	557	0.
1	0855	108	0.	*	1	2125	258	3.	*	2	0955	408	0.	*	2	2225	558	0.
1	0900	109	0.	*	1	2130	259	3.	*	2	1000	409	0.	*	2	2230	559	0.
1	0905	110	0.	*	1	2135	260	3.	*	2	1005	410	0.	*	2	2235	560	0.
1	0910	111	0.	*	1	2140	261	3.	*	2	1010	411	0.	*	2	2240	561	0.
1	0915	112	0.	*	1	2145	262	3.	*	2	1015	412	0.	*	2	2245	562	0.
1	0920	113	0.	*	1	2150	263	3.	*	2	1020	413	0.	*	2	2250	563	0.
1	0925	114	0.	*	1	2155	264	3.	*	2	1025	414	0.	*	2	2255	564	0.
1	0930	115	0.	*	1	2200	265	3.	*	2	1030	415	0.	*	2	2300	565	0.
1	0935	116	0.	*	1	2205	266	3.	*	2	1035	416	0.	*	2	2305	566	0.
1	0940	117	0.	*	1	2210	267	3.	*	2	1040	417	0.	*	2	2310	567	0.
1	0945	118	0.	*	1	2215	268	3.	*	2	1045	418	0.	*	2	2315	568	0.
1	0950	119	0.	*	1	2220	269	3.	*	2	1050	419	0.	*	2	2320	569	0.
1	0955	120	0.	*	1	2225	270	3.	*	2	1055	420	0.	*	2	2325	570	0.
1	1000	121	0.	*	1	2230	271	3.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	0.	*	1	2235	272	3.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	0.	*	1	2240	273	3.	*	2	1110	423	0.	*	2	2340	573	0.

1	1015	124	0.	*	1	2245	274	3.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	0.	*	1	2250	275	3.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	0.	*	1	2255	276	3.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	0.	*	1	2300	277	3.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	0.	*	1	2305	278	3.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	0.	*	1	2310	279	3.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	0.	*	1	2315	280	3.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	0.	*	1	2320	281	3.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	0.	*	1	2325	282	3.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	0.	*	1	2330	283	3.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	0.	*	1	2335	284	3.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	0.	*	1	2340	285	3.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	0.	*	1	2345	286	3.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	0.	*	1	2350	287	3.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	0.	*	1	2355	288	3.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	0.	*	2	0000	289	3.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	0.	*	2	0005	290	2.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	0.	*	2	0010	291	2.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	0.	*	2	0015	292	1.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	0.	*	2	0020	293	1.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	0.	*	2	0025	294	0.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	0.	*	2	0030	295	0.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	0.	*	2	0035	296	0.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	194.	*	2	0040	297	0.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	399.	*	2	0045	298	0.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	234.	*	2	0050	299	0.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	129.	*	2	0055	300	0.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+		(CFS)				
+ 399.	12.25		24.	7.	3.	3.
		(INCHES)	.749	.858	.858	.858
		(AC-FT)	12.	13.	13.	13.

CUMULATIVE AREA = .29 SQ MI

*** ***

```
            **************
            *            *
418 KK      *     !287C  *
            *            *
            **************
```

419 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE
IPNCH	0	PUNCH COMPUTED HYDROGRAPH
IOUT	22	SAVE HYDROGRAPH ON THIS UNIT
ISAV1	1	FIRST ORDINATE PUNCHED OR SAVED
ISAV2	600	LAST ORDINATE PUNCHED OR SAVED
TIMINT	.083	TIME INTERVAL IN HOURS

BASIN 287C
THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
L= .6 Lca= .3 S= 29.0 Kn= .072 LAG= 29.2
AGRICULTURAL S-GRAPH WAS USED FOR THIS BASIN

SUBBASIN RUNOFF DATA

424 BA SUBBASIN CHARACTERISTICS

TAREA .23 SUBBASIN AREA

PRECIPITATION DATA

15 PB STORM 3.79 BASIN TOTAL PRECIPITATION

16 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
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.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

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

```
425 LG          GREEN AND AMPT LOSS RATE
                     STRTL        .27  STARTING LOSS
                       DTH        .15  MOISTURE DEFICIT
                      PSIF       8.40  WETTING FRONT SUCTION
                     XKSAT        .11  HYDRAULIC CONDUCTIVITY
                     RTIMP      53.00  PERCENT IMPERVIOUS AREA

420 UI          INPUT UNITGRAPH,  26 ORDINATES,  VOLUME = 1.00
                    29.0      61.0     153.0     198.0     244.0     237.0     209.0     170.0     133.0      90.0
                    72.0      46.0      34.0      27.0      18.0      16.0       8.0       4.0       4.0       4.0
                     4.0       4.0       4.0       4.0       4.0       4.0
                                                         ***
```

****

HYDROGRAPH AT STATION !287C

****

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1		0000	1	.00	.00	.00	0.	*	2		0100	301	.00	.00	.00	0.
1		0005	2	.00	.00	.00	0.	*	2		0105	302	.00	.00	.00	0.
1		0010	3	.00	.00	.00	0.	*	2		0110	303	.00	.00	.00	0.
1		0015	4	.00	.00	.00	0.	*	2		0115	304	.00	.00	.00	0.
1		0020	5	.00	.00	.00	1.	*	2		0120	305	.00	.00	.00	0.
1		0025	6	.00	.00	.00	1.	*	2		0125	306	.00	.00	.00	0.
1		0030	7	.00	.00	.00	1.	*	2		0130	307	.00	.00	.00	0.
1		0035	8	.00	.00	.00	2.	*	2		0135	308	.00	.00	.00	0.
1		0040	9	.00	.00	.00	2.	*	2		0140	309	.00	.00	.00	0.
1		0045	10	.00	.00	.00	3.	*	2		0145	310	.00	.00	.00	0.
1		0050	11	.00	.00	.00	3.	*	2		0150	311	.00	.00	.00	0.
1		0055	12	.00	.00	.00	3.	*	2		0155	312	.00	.00	.00	0.
1		0100	13	.00	.00	.00	3.	*	2		0200	313	.00	.00	.00	0.
1		0105	14	.00	.00	.00	3.	*	2		0205	314	.00	.00	.00	0.
1		0110	15	.00	.00	.00	3.	*	2		0210	315	.00	.00	.00	0.
1		0115	16	.00	.00	.00	3.	*	2		0215	316	.00	.00	.00	0.
1		0120	17	.00	.00	.00	3.	*	2		0220	317	.00	.00	.00	0.
1		0125	18	.00	.00	.00	3.	*	2		0225	318	.00	.00	.00	0.
1		0130	19	.00	.00	.00	3.	*	2		0230	319	.00	.00	.00	0.
1		0135	20	.00	.00	.00	4.	*	2		0235	320	.00	.00	.00	0.
1		0140	21	.00	.00	.00	4.	*	2		0240	321	.00	.00	.00	0.
1		0145	22	.00	.00	.00	4.	*	2		0245	322	.00	.00	.00	0.
1		0150	23	.00	.00	.00	4.	*	2		0250	323	.00	.00	.00	0.
1		0155	24	.00	.00	.00	4.	*	2		0255	324	.00	.00	.00	0.
1		0200	25	.00	.00	.00	4.	*	2		0300	325	.00	.00	.00	0.
1		0205	26	.00	.00	.00	4.	*	2		0305	326	.00	.00	.00	0.
1		0210	27	.00	.00	.00	4.	*	2		0310	327	.00	.00	.00	0.
1		0215	28	.00	.00	.00	4.	*	2		0315	328	.00	.00	.00	0.
1		0220	29	.00	.00	.00	4.	*	2		0320	329	.00	.00	.00	0.
1		0225	30	.00	.00	.00	4.	*	2		0325	330	.00	.00	.00	0.
1		0230	31	.00	.00	.00	4.	*	2		0330	331	.00	.00	.00	0.
1		0235	32	.00	.00	.00	4.	*	2		0335	332	.00	.00	.00	0.
1		0240	33	.00	.00	.00	4.	*	2		0340	333	.00	.00	.00	0.
1		0245	34	.00	.00	.00	4.	*	2		0345	334	.00	.00	.00	0.
1		0250	35	.00	.00	.00	4.	*	2		0350	335	.00	.00	.00	0.
1		0255	36	.00	.00	.00	4.	*	2		0355	336	.00	.00	.00	0.
1		0300	37	.00	.00	.00	4.	*	2		0400	337	.00	.00	.00	0.
1		0305	38	.00	.00	.00	4.	*	2		0405	338	.00	.00	.00	0.
1		0310	39	.00	.00	.00	4.	*	2		0410	339	.00	.00	.00	0.
1		0315	40	.00	.00	.00	4.	*	2		0415	340	.00	.00	.00	0.
1		0320	41	.00	.00	.00	4.	*	2		0420	341	.00	.00	.00	0.
1		0325	42	.00	.00	.00	4.	*	2		0425	342	.00	.00	.00	0.
1		0330	43	.00	.00	.00	4.	*	2		0430	343	.00	.00	.00	0.
1		0335	44	.00	.00	.00	4.	*	2		0435	344	.00	.00	.00	0.
1		0340	45	.00	.00	.00	4.	*	2		0440	345	.00	.00	.00	0.
1		0345	46	.00	.00	.00	4.	*	2		0445	346	.00	.00	.00	0.
1		0350	47	.01	.00	.00	4.	*	2		0450	347	.00	.00	.00	0.
1		0355	48	.01	.00	.00	4.	*	2		0455	348	.00	.00	.00	0.
1		0400	49	.01	.00	.00	4.	*	2		0500	349	.00	.00	.00	0.
1		0405	50	.01	.00	.00	4.	*	2		0505	350	.00	.00	.00	0.
1		0410	51	.01	.00	.00	4.	*	2		0510	351	.00	.00	.00	0.
1		0415	52	.01	.00	.00	4.	*	2		0515	352	.00	.00	.00	0.
1		0420	53	.01	.00	.00	4.	*	2		0520	353	.00	.00	.00	0.
1		0425	54	.01	.00	.00	4.	*	2		0525	354	.00	.00	.00	0.
1		0430	55	.01	.00	.00	5.	*	2		0530	355	.00	.00	.00	0.
1		0435	56	.01	.00	.00	5.	*	2		0535	356	.00	.00	.00	0.
1		0440	57	.01	.00	.00	5.	*	2		0540	357	.00	.00	.00	0.
1		0445	58	.01	.00	.00	5.	*	2		0545	358	.00	.00	.00	0.
1		0450	59	.01	.00	.00	5.	*	2		0550	359	.00	.00	.00	0.
1		0455	60	.01	.00	.00	5.	*	2		0555	360	.00	.00	.00	0.
1		0500	61	.01	.00	.00	5.	*	2		0600	361	.00	.00	.00	0.
1		0505	62	.01	.00	.00	5.	*	2		0605	362	.00	.00	.00	0.
1		0510	63	.01	.00	.00	5.	*	2		0610	363	.00	.00	.00	0.
1		0515	64	.01	.00	.00	5.	*	2		0615	364	.00	.00	.00	0.
1		0520	65	.01	.00	.00	5.	*	2		0620	365	.00	.00	.00	0.
1		0525	66	.01	.00	.00	5.	*	2		0625	366	.00	.00	.00	0.
1		0530	67	.01	.00	.00	5.	*	2		0630	367	.00	.00	.00	0.
1		0535	68	.01	.00	.00	5.	*	2		0635	368	.00	.00	.00	0.
1		0540	69	.01	.00	.00	5.	*	2		0640	369	.00	.00	.00	0.

1	0545	70	.01	.00	.00	5.	*	2	0645	370	.00	.00	.00	0.
1	0550	71	.01	.00	.00	5.	*	2	0650	371	.00	.00	.00	0.
1	0555	72	.01	.00	.00	5.	*	2	0655	372	.00	.00	.00	0.
1	0600	73	.01	.00	.00	5.	*	2	0700	373	.00	.00	.00	0.
1	0605	74	.01	.00	.00	5.	*	2	0705	374	.00	.00	.00	0.
1	0610	75	.01	.00	.00	5.	*	2	0710	375	.00	.00	.00	0.
1	0615	76	.01	.00	.00	5.	*	2	0715	376	.00	.00	.00	0.
1	0620	77	.01	.00	.00	5.	*	2	0720	377	.00	.00	.00	0.
1	0625	78	.01	.00	.00	5.	*	2	0725	378	.00	.00	.00	0.
1	0630	79	.01	.00	.00	5.	*	2	0730	379	.00	.00	.00	0.
1	0635	80	.01	.00	.00	6.	*	2	0735	380	.00	.00	.00	0.
1	0640	81	.01	.00	.00	6.	*	2	0740	381	.00	.00	.00	0.
1	0645	82	.01	.00	.00	6.	*	2	0745	382	.00	.00	.00	0.
1	0650	83	.01	.00	.00	6.	*	2	0750	383	.00	.00	.00	0.
1	0655	84	.01	.00	.00	6.	*	2	0755	384	.00	.00	.00	0.
1	0700	85	.01	.00	.00	6.	*	2	0800	385	.00	.00	.00	0.
1	0705	86	.01	.00	.00	6.	*	2	0805	386	.00	.00	.00	0.
1	0710	87	.01	.00	.00	6.	*	2	0810	387	.00	.00	.00	0.
1	0715	88	.01	.00	.00	6.	*	2	0815	388	.00	.00	.00	0.
1	0720	89	.01	.00	.00	6.	*	2	0820	389	.00	.00	.00	0.
1	0725	90	.01	.00	.00	6.	*	2	0825	390	.00	.00	.00	0.
1	0730	91	.01	.00	.00	6.	*	2	0830	391	.00	.00	.00	0.
1	0735	92	.01	.00	.00	6.	*	2	0835	392	.00	.00	.00	0.
1	0740	93	.01	.00	.00	6.	*	2	0840	393	.00	.00	.00	0.
1	0745	94	.01	.00	.00	6.	*	2	0845	394	.00	.00	.00	0.
1	0750	95	.01	.00	.00	6.	*	2	0850	395	.00	.00	.00	0.
1	0755	96	.01	.00	.00	6.	*	2	0855	396	.00	.00	.00	0.
1	0800	97	.01	.00	.00	6.	*	2	0900	397	.00	.00	.00	0.
1	0805	98	.01	.00	.00	6.	*	2	0905	398	.00	.00	.00	0.
1	0810	99	.01	.00	.00	6.	*	2	0910	399	.00	.00	.00	0.
1	0815	100	.01	.00	.00	6.	*	2	0915	400	.00	.00	.00	0.
1	0820	101	.01	.00	.00	6.	*	2	0920	401	.00	.00	.00	0.
1	0825	102	.01	.00	.00	6.	*	2	0925	402	.00	.00	.00	0.
1	0830	103	.01	.00	.00	7.	*	2	0930	403	.00	.00	.00	0.
1	0835	104	.01	.00	.00	7.	*	2	0935	404	.00	.00	.00	0.
1	0840	105	.01	.00	.00	7.	*	2	0940	405	.00	.00	.00	0.
1	0845	106	.01	.00	.00	8.	*	2	0945	406	.00	.00	.00	0.
1	0850	107	.01	.00	.00	8.	*	2	0950	407	.00	.00	.00	0.
1	0855	108	.01	.00	.00	8.	*	2	0955	408	.00	.00	.00	0.
1	0900	109	.01	.00	.00	8.	*	2	1000	409	.00	.00	.00	0.
1	0905	110	.01	.00	.01	8.	*	2	1005	410	.00	.00	.00	0.
1	0910	111	.01	.00	.01	8.	*	2	1010	411	.00	.00	.00	0.
1	0915	112	.01	.00	.01	8.	*	2	1015	412	.00	.00	.00	0.
1	0920	113	.01	.00	.01	9.	*	2	1020	413	.00	.00	.00	0.
1	0925	114	.01	.00	.01	9.	*	2	1025	414	.00	.00	.00	0.
1	0930	115	.01	.00	.01	9.	*	2	1030	415	.00	.00	.00	0.
1	0935	116	.01	.01	.01	9.	*	2	1035	416	.00	.00	.00	0.
1	0940	117	.01	.01	.01	9.	*	2	1040	417	.00	.00	.00	0.
1	0945	118	.01	.01	.01	9.	*	2	1045	418	.00	.00	.00	0.
1	0950	119	.01	.01	.01	10.	*	2	1050	419	.00	.00	.00	0.
1	0955	120	.01	.01	.01	10.	*	2	1055	420	.00	.00	.00	0.
1	1000	121	.01	.01	.01	10.	*	2	1100	421	.00	.00	.00	0.
1	1005	122	.01	.01	.01	10.	*	2	1105	422	.00	.00	.00	0.
1	1010	123	.01	.01	.01	10.	*	2	1110	423	.00	.00	.00	0.
1	1015	124	.01	.01	.01	11.	*	2	1115	424	.00	.00	.00	0.
1	1020	125	.02	.01	.01	11.	*	2	1120	425	.00	.00	.00	0.
1	1025	126	.02	.01	.01	11.	*	2	1125	426	.00	.00	.00	0.
1	1030	127	.02	.01	.01	12.	*	2	1130	427	.00	.00	.00	0.
1	1035	128	.02	.01	.01	12.	*	2	1135	428	.00	.00	.00	0.
1	1040	129	.02	.01	.01	13.	*	2	1140	429	.00	.00	.00	0.
1	1045	130	.02	.01	.01	13.	*	2	1145	430	.00	.00	.00	0.
1	1050	131	.02	.01	.01	14.	*	2	1150	431	.00	.00	.00	0.
1	1055	132	.02	.01	.01	15.	*	2	1155	432	.00	.00	.00	0.
1	1100	133	.02	.01	.01	16.	*	2	1200	433	.00	.00	.00	0.
1	1105	134	.03	.01	.01	17.	*	2	1205	434	.00	.00	.00	0.
1	1110	135	.03	.01	.01	18.	*	2	1210	435	.00	.00	.00	0.
1	1115	136	.03	.01	.01	19.	*	2	1215	436	.00	.00	.00	0.
1	1120	137	.03	.01	.02	21.	*	2	1220	437	.00	.00	.00	0.
1	1125	138	.03	.01	.02	22.	*	2	1225	438	.00	.00	.00	0.
1	1130	139	.03	.01	.02	24.	*	2	1230	439	.00	.00	.00	0.
1	1135	140	.13	.01	.12	29.	*	2	1235	440	.00	.00	.00	0.
1	1140	141	.13	.01	.12	37.	*	2	1240	441	.00	.00	.00	0.
1	1145	142	.13	.01	.12	55.	*	2	1245	442	.00	.00	.00	0.
1	1150	143	.35	.01	.34	82.	*	2	1250	443	.00	.00	.00	0.
1	1155	144	.35	.01	.34	121.	*	2	1255	444	.00	.00	.00	0.
1	1200	145	.35	.01	.34	179.	*	2	1300	445	.00	.00	.00	0.
1	1205	146	.06	.01	.05	235.	*	2	1305	446	.00	.00	.00	0.
1	1210	147	.06	.01	.05	288.	*	2	1310	447	.00	.00	.00	0.
1	1215	148	.06	.01	.05	308.	*	2	1315	448	.00	.00	.00	0.
1	1220	149	.04	.01	.03	305.	*	2	1320	449	.00	.00	.00	0.
1	1225	150	.04	.01	.03	277.	*	2	1325	450	.00	.00	.00	0.
1	1230	151	.04	.01	.03	238.	*	2	1330	451	.00	.00	.00	0.
1	1235	152	.03	.01	.02	196.	*	2	1335	452	.00	.00	.00	0.
1	1240	153	.03	.01	.02	159.	*	2	1340	453	.00	.00	.00	0.
1	1245	154	.03	.01	.02	126.	*	2	1345	454	.00	.00	.00	0.
1	1250	155	.02	.01	.01	104.	*	2	1350	455	.00	.00	.00	0.
1	1255	156	.02	.01	.01	84.	*	2	1355	456	.00	.00	.00	0.
1	1300	157	.02	.01	.01	70.	*	2	1400	457	.00	.00	.00	0.
1	1305	158	.02	.01	.01	60.	*	2	1405	458	.00	.00	.00	0.
1	1310	159	.02	.01	.01	50.	*	2	1410	459	.00	.00	.00	0.
1	1315	160	.02	.01	.01	42.	*	2	1415	460	.00	.00	.00	0.
1	1320	161	.02	.01	.01	35.	*	2	1420	461	.00	.00	.00	0.
1	1325	162	.02	.01	.01	31.	*	2	1425	462	.00	.00	.00	0.
1	1330	163	.02	.01	.01	29.	*	2	1430	463	.00	.00	.00	0.
1	1335	164	.01	.01	.01	27.	*	2	1435	464	.00	.00	.00	0.
1	1340	165	.01	.01	.01	25.	*	2	1440	465	.00	.00	.00	0.
1	1345	166	.01	.01	.01	24.	*	2	1445	466	.00	.00	.00	0.
1	1350	167	.01	.01	.01	22.	*	2	1450	467	.00	.00	.00	0.
1	1355	168	.01	.01	.01	21.	*	2	1455	468	.00	.00	.00	0.

1	1400	169	.01	.01	.01	18.	*	2	1500	469	.00	.00	.00	0.
1	1405	170	.01	.01	.01	16.	*	2	1505	470	.00	.00	.00	0.
1	1410	171	.01	.01	.01	14.	*	2	1510	471	.00	.00	.00	0.
1	1415	172	.01	.01	.01	14.	*	2	1515	472	.00	.00	.00	0.
1	1420	173	.01	.00	.01	13.	*	2	1520	473	.00	.00	.00	0.
1	1425	174	.01	.00	.01	12.	*	2	1525	474	.00	.00	.00	0.
1	1430	175	.01	.00	.01	12.	*	2	1530	475	.00	.00	.00	0.
1	1435	176	.01	.00	.00	11.	*	2	1535	476	.00	.00	.00	0.
1	1440	177	.01	.00	.00	11.	*	2	1540	477	.00	.00	.00	0.
1	1445	178	.01	.00	.00	11.	*	2	1545	478	.00	.00	.00	0.
1	1450	179	.01	.00	.00	10.	*	2	1550	479	.00	.00	.00	0.
1	1455	180	.01	.00	.00	10.	*	2	1555	480	.00	.00	.00	0.
1	1500	181	.01	.00	.00	9.	*	2	1600	481	.00	.00	.00	0.
1	1505	182	.01	.00	.00	9.	*	2	1605	482	.00	.00	.00	0.
1	1510	183	.01	.00	.00	9.	*	2	1610	483	.00	.00	.00	0.
1	1515	184	.01	.00	.00	9.	*	2	1615	484	.00	.00	.00	0.
1	1520	185	.01	.00	.00	9.	*	2	1620	485	.00	.00	.00	0.
1	1525	186	.01	.00	.00	9.	*	2	1625	486	.00	.00	.00	0.
1	1530	187	.01	.00	.00	8.	*	2	1630	487	.00	.00	.00	0.
1	1535	188	.01	.00	.00	8.	*	2	1635	488	.00	.00	.00	0.
1	1540	189	.01	.00	.00	8.	*	2	1640	489	.00	.00	.00	0.
1	1545	190	.01	.00	.00	8.	*	2	1645	490	.00	.00	.00	0.
1	1550	191	.01	.00	.00	8.	*	2	1650	491	.00	.00	.00	0.
1	1555	192	.01	.00	.00	8.	*	2	1655	492	.00	.00	.00	0.
1	1600	193	.01	.00	.00	7.	*	2	1700	493	.00	.00	.00	0.
1	1605	194	.01	.00	.00	7.	*	2	1705	494	.00	.00	.00	0.
1	1610	195	.01	.00	.00	7.	*	2	1710	495	.00	.00	.00	0.
1	1615	196	.01	.00	.00	7.	*	2	1715	496	.00	.00	.00	0.
1	1620	197	.01	.00	.00	7.	*	2	1720	497	.00	.00	.00	0.
1	1625	198	.01	.00	.00	7.	*	2	1725	498	.00	.00	.00	0.
1	1630	199	.01	.00	.00	7.	*	2	1730	499	.00	.00	.00	0.
1	1635	200	.01	.00	.00	7.	*	2	1735	500	.00	.00	.00	0.
1	1640	201	.01	.00	.00	7.	*	2	1740	501	.00	.00	.00	0.
1	1645	202	.01	.00	.00	7.	*	2	1745	502	.00	.00	.00	0.
1	1650	203	.01	.00	.00	7.	*	2	1750	503	.00	.00	.00	0.
1	1655	204	.01	.00	.00	7.	*	2	1755	504	.00	.00	.00	0.
1	1700	205	.01	.00	.00	7.	*	2	1800	505	.00	.00	.00	0.
1	1705	206	.01	.00	.00	6.	*	2	1805	506	.00	.00	.00	0.
1	1710	207	.01	.00	.00	6.	*	2	1810	507	.00	.00	.00	0.
1	1715	208	.01	.00	.00	6.	*	2	1815	508	.00	.00	.00	0.
1	1720	209	.01	.00	.00	6.	*	2	1820	509	.00	.00	.00	0.
1	1725	210	.01	.00	.00	6.	*	2	1825	510	.00	.00	.00	0.
1	1730	211	.01	.00	.00	6.	*	2	1830	511	.00	.00	.00	0.
1	1735	212	.01	.00	.00	6.	*	2	1835	512	.00	.00	.00	0.
1	1740	213	.01	.00	.00	6.	*	2	1840	513	.00	.00	.00	0.
1	1745	214	.01	.00	.00	6.	*	2	1845	514	.00	.00	.00	0.
1	1750	215	.01	.00	.00	6.	*	2	1850	515	.00	.00	.00	0.
1	1755	216	.01	.00	.00	6.	*	2	1855	516	.00	.00	.00	0.
1	1800	217	.01	.00	.00	6.	*	2	1900	517	.00	.00	.00	0.
1	1805	218	.01	.00	.00	6.	*	2	1905	518	.00	.00	.00	0.
1	1810	219	.01	.00	.00	6.	*	2	1910	519	.00	.00	.00	0.
1	1815	220	.01	.00	.00	5.	*	2	1915	520	.00	.00	.00	0.
1	1820	221	.01	.00	.00	5.	*	2	1920	521	.00	.00	.00	0.
1	1825	222	.01	.00	.00	5.	*	2	1925	522	.00	.00	.00	0.
1	1830	223	.01	.00	.00	5.	*	2	1930	523	.00	.00	.00	0.
1	1835	224	.01	.00	.00	5.	*	2	1935	524	.00	.00	.00	0.
1	1840	225	.01	.00	.00	5.	*	2	1940	525	.00	.00	.00	0.
1	1845	226	.01	.00	.00	5.	*	2	1945	526	.00	.00	.00	0.
1	1850	227	.01	.00	.00	5.	*	2	1950	527	.00	.00	.00	0.
1	1855	228	.01	.00	.00	5.	*	2	1955	528	.00	.00	.00	0.
1	1900	229	.01	.00	.00	5.	*	2	2000	529	.00	.00	.00	0.
1	1905	230	.01	.00	.00	5.	*	2	2005	530	.00	.00	.00	0.
1	1910	231	.01	.00	.00	5.	*	2	2010	531	.00	.00	.00	0.
1	1915	232	.01	.00	.00	5.	*	2	2015	532	.00	.00	.00	0.
1	1920	233	.01	.00	.00	5.	*	2	2020	533	.00	.00	.00	0.
1	1925	234	.01	.00	.00	5.	*	2	2025	534	.00	.00	.00	0.
1	1930	235	.01	.00	.00	5.	*	2	2030	535	.00	.00	.00	0.
1	1935	236	.01	.00	.00	5.	*	2	2035	536	.00	.00	.00	0.
1	1940	237	.01	.00	.00	5.	*	2	2040	537	.00	.00	.00	0.
1	1945	238	.01	.00	.00	5.	*	2	2045	538	.00	.00	.00	0.
1	1950	239	.00	.00	.00	5.	*	2	2050	539	.00	.00	.00	0.
1	1955	240	.00	.00	.00	5.	*	2	2055	540	.00	.00	.00	0.
1	2000	241	.00	.00	.00	5.	*	2	2100	541	.00	.00	.00	0.
1	2005	242	.00	.00	.00	4.	*	2	2105	542	.00	.00	.00	0.
1	2010	243	.00	.00	.00	4.	*	2	2110	543	.00	.00	.00	0.
1	2015	244	.00	.00	.00	4.	*	2	2115	544	.00	.00	.00	0.
1	2020	245	.00	.00	.00	4.	*	2	2120	545	.00	.00	.00	0.
1	2025	246	.00	.00	.00	4.	*	2	2125	546	.00	.00	.00	0.
1	2030	247	.00	.00	.00	4.	*	2	2130	547	.00	.00	.00	0.
1	2035	248	.00	.00	.00	4.	*	2	2135	548	.00	.00	.00	0.
1	2040	249	.00	.00	.00	4.	*	2	2140	549	.00	.00	.00	0.
1	2045	250	.00	.00	.00	4.	*	2	2145	550	.00	.00	.00	0.
1	2050	251	.00	.00	.00	4.	*	2	2150	551	.00	.00	.00	0.
1	2055	252	.00	.00	.00	4.	*	2	2155	552	.00	.00	.00	0.
1	2100	253	.00	.00	.00	4.	*	2	2200	553	.00	.00	.00	0.
1	2105	254	.00	.00	.00	4.	*	2	2205	554	.00	.00	.00	0.
1	2110	255	.00	.00	.00	4.	*	2	2210	555	.00	.00	.00	0.
1	2115	256	.00	.00	.00	4.	*	2	2215	556	.00	.00	.00	0.
1	2120	257	.00	.00	.00	4.	*	2	2220	557	.00	.00	.00	0.
1	2125	258	.00	.00	.00	4.	*	2	2225	558	.00	.00	.00	0.
1	2130	259	.00	.00	.00	4.	*	2	2230	559	.00	.00	.00	0.
1	2135	260	.00	.00	.00	4.	*	2	2235	560	.00	.00	.00	0.
1	2140	261	.00	.00	.00	4.	*	2	2240	561	.00	.00	.00	0.
1	2145	262	.00	.00	.00	4.	*	2	2245	562	.00	.00	.00	0.
1	2150	263	.00	.00	.00	4.	*	2	2250	563	.00	.00	.00	0.
1	2155	264	.00	.00	.00	4.	*	2	2255	564	.00	.00	.00	0.
1	2200	265	.00	.00	.00	4.	*	2	2300	565	.00	.00	.00	0.
1	2205	266	.00	.00	.00	4.	*	2	2305	566	.00	.00	.00	0.
1	2210	267	.00	.00	.00	4.	*	2	2310	567	.00	.00	.00	0.

1	2215	268	.00	.00	.00	4.	*	2	2315	568	.00	.00	.00	0.
1	2220	269	.00	.00	.00	4.	*	2	2320	569	.00	.00	.00	0.
1	2225	270	.00	.00	.00	4.	*	2	2325	570	.00	.00	.00	0.
1	2230	271	.00	.00	.00	4.	*	2	2330	571	.00	.00	.00	0.
1	2235	272	.00	.00	.00	4.	*	2	2335	572	.00	.00	.00	0.
1	2240	273	.00	.00	.00	4.	*	2	2340	573	.00	.00	.00	0.
1	2245	274	.00	.00	.00	4.	*	2	2345	574	.00	.00	.00	0.
1	2250	275	.00	.00	.00	4.	*	2	2350	575	.00	.00	.00	0.
1	2255	276	.00	.00	.00	4.	*	2	2355	576	.00	.00	.00	0.
1	2300	277	.00	.00	.00	4.	*	3	0000	577	.00	.00	.00	0.
1	2305	278	.00	.00	.00	4.	*	3	0005	578	.00	.00	.00	0.
1	2310	279	.00	.00	.00	4.	*	3	0010	579	.00	.00	.00	0.
1	2315	280	.00	.00	.00	4.	*	3	0015	580	.00	.00	.00	0.
1	2320	281	.00	.00	.00	4.	*	3	0020	581	.00	.00	.00	0.
1	2325	282	.00	.00	.00	4.	*	3	0025	582	.00	.00	.00	0.
1	2330	283	.00	.00	.00	4.	*	3	0030	583	.00	.00	.00	0.
1	2335	284	.00	.00	.00	4.	*	3	0035	584	.00	.00	.00	0.
1	2340	285	.00	.00	.00	4.	*	3	0040	585	.00	.00	.00	0.
1	2345	286	.00	.00	.00	4.	*	3	0045	586	.00	.00	.00	0.
1	2350	287	.00	.00	.00	4.	*	3	0050	587	.00	.00	.00	0.
1	2355	288	.00	.00	.00	4.	*	3	0055	588	.00	.00	.00	0.
2	0000	289	.00	.00	.00	3.	*	3	0100	589	.00	.00	.00	0.
2	0005	290	.00	.00	.00	3.	*	3	0105	590	.00	.00	.00	0.
2	0010	291	.00	.00	.00	3.	*	3	0110	591	.00	.00	.00	0.
2	0015	292	.00	.00	.00	3.	*	3	0115	592	.00	.00	.00	0.
2	0020	293	.00	.00	.00	2.	*	3	0120	593	.00	.00	.00	0.
2	0025	294	.00	.00	.00	2.	*	3	0125	594	.00	.00	.00	0.
2	0030	295	.00	.00	.00	1.	*	3	0130	595	.00	.00	.00	0.
2	0035	296	.00	.00	.00	1.	*	3	0135	596	.00	.00	.00	0.
2	0040	297	.00	.00	.00	1.	*	3	0140	597	.00	.00	.00	0.
2	0045	298	.00	.00	.00	1.	*	3	0145	598	.00	.00	.00	0.
2	0050	299	.00	.00	.00	0.	*	3	0150	599	.00	.00	.00	0.
2	0055	300	.00	.00	.00	0.	*	3	0155	600	.00	.00	.00	0.
							*							

****

TOTAL RAINFALL = 3.79, TOTAL LOSS = 1.07, TOTAL EXCESS = 2.72

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 308.	12.25		53.	17.	8.	8.
		(INCHES)	2.134	2.715	2.719	2.719
		(AC-FT)	26.	33.	33.	33.

CUMULATIVE AREA = .23 SQ MI

*** ***

```
              **************
              *            *
 430 KK       *   CP287C   *
              *            *
              **************

 431 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        600  LAST ORDINATE PUNCHED OR SAVED
                      TIMINT       .083  TIME INTERVAL IN HOURS

                              COMBINE 287C AND SR289

 433 HC           HYDROGRAPH COMBINATION
                       ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                  ***
```

****

HYDROGRAPH AT STATION CP287C
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		1230	151	925.	*	2		0100	301	33.	*	2		1330	451	0.
1		0005	2	0.	*	1		1235	152	900.	*	2		0105	302	32.	*	2		1335	452	0.
1		0010	3	0.	*	1		1240	153	873.	*	2		0110	303	32.	*	2		1340	453	0.
1		0015	4	0.	*	1		1245	154	848.	*	2		0115	304	31.	*	2		1345	454	0.
1		0020	5	1.	*	1		1250	155	833.	*	2		0120	305	31.	*	2		1350	455	0.
1		0025	6	1.	*	1		1255	156	822.	*	2		0125	306	31.	*	2		1355	456	0.
1		0030	7	2.	*	1		1300	157	818.	*	2		0130	307	30.	*	2		1400	457	0.
1		0035	8	3.	*	1		1305	158	820.	*	2		0135	308	30.	*	2		1405	458	0.
1		0040	9	3.	*	1		1310	159	823.	*	2		0140	309	30.	*	2		1410	459	0.
1		0045	10	4.	*	1		1315	160	830.	*	2		0145	310	29.	*	2		1415	460	0.
1		0050	11	5.	*	1		1320	161	837.	*	2		0150	311	29.	*	2		1420	461	0.
1		0055	12	5.	*	1		1325	162	845.	*	2		0155	312	28.	*	2		1425	462	0.
1		0100	13	6.	*	1		1330	163	853.	*	2		0200	313	28.	*	2		1430	463	0.

1	0105	14	6.	*	1	1335	164	859.	*	2	0205	314	27.	*	2	1435	464	0.
1	0110	15	6.	*	1	1340	165	861.	*	2	0210	315	27.	*	2	1440	465	0.
1	0115	16	7.	*	1	1345	166	861.	*	2	0215	316	26.	*	2	1445	466	0.
1	0120	17	7.	*	1	1350	167	857.	*	2	0220	317	26.	*	2	1450	467	0.
1	0125	18	7.	*	1	1355	168	849.	*	2	0225	318	25.	*	2	1455	468	0.
1	0130	19	8.	*	1	1400	169	836.	*	2	0230	319	24.	*	2	1500	469	0.
1	0135	20	8.	*	1	1405	170	820.	*	2	0235	320	24.	*	2	1505	470	0.
1	0140	21	8.	*	1	1410	171	799.	*	2	0240	321	23.	*	2	1510	471	0.
1	0145	22	8.	*	1	1415	172	775.	*	2	0245	322	22.	*	2	1515	472	0.
1	0150	23	8.	*	1	1420	173	748.	*	2	0250	323	22.	*	2	1520	473	0.
1	0155	24	9.	*	1	1425	174	713.	*	2	0255	324	21.	*	2	1525	474	0.
1	0200	25	9.	*	1	1430	175	664.	*	2	0300	325	20.	*	2	1530	475	0.
1	0205	26	9.	*	1	1435	176	612.	*	2	0305	326	20.	*	2	1535	476	0.
1	0210	27	9.	*	1	1440	177	568.	*	2	0310	327	19.	*	2	1540	477	0.
1	0215	28	9.	*	1	1445	178	525.	*	2	0315	328	18.	*	2	1545	478	0.
1	0220	29	9.	*	1	1450	179	487.	*	2	0320	329	17.	*	2	1550	479	0.
1	0225	30	10.	*	1	1455	180	453.	*	2	0325	330	17.	*	2	1555	480	0.
1	0230	31	10.	*	1	1500	181	425.	*	2	0330	331	16.	*	2	1600	481	0.
1	0235	32	10.	*	1	1505	182	398.	*	2	0335	332	16.	*	2	1605	482	0.
1	0240	33	10.	*	1	1510	183	375.	*	2	0340	333	15.	*	2	1610	483	0.
1	0245	34	10.	*	1	1515	184	353.	*	2	0345	334	15.	*	2	1615	484	0.
1	0250	35	10.	*	1	1520	185	334.	*	2	0350	335	14.	*	2	1620	485	0.
1	0255	36	11.	*	1	1525	186	315.	*	2	0355	336	14.	*	2	1625	486	0.
1	0300	37	11.	*	1	1530	187	295.	*	2	0400	337	13.	*	2	1630	487	0.
1	0305	38	11.	*	1	1535	188	276.	*	2	0405	338	13.	*	2	1635	488	0.
1	0310	39	11.	*	1	1540	189	260.	*	2	0410	339	13.	*	2	1640	489	0.
1	0315	40	11.	*	1	1545	190	248.	*	2	0415	340	12.	*	2	1645	490	0.
1	0320	41	11.	*	1	1550	191	238.	*	2	0420	341	12.	*	2	1650	491	0.
1	0325	42	11.	*	1	1555	192	229.	*	2	0425	342	11.	*	2	1655	492	0.
1	0330	43	11.	*	1	1600	193	220.	*	2	0430	343	11.	*	2	1700	493	0.
1	0335	44	11.	*	1	1605	194	212.	*	2	0435	344	11.	*	2	1705	494	0.
1	0340	45	11.	*	1	1610	195	204.	*	2	0440	345	10.	*	2	1710	495	0.
1	0345	46	11.	*	1	1615	196	197.	*	2	0445	346	10.	*	2	1715	496	0.
1	0350	47	12.	*	1	1620	197	191.	*	2	0450	347	9.	*	2	1720	497	0.
1	0355	48	12.	*	1	1625	198	184.	*	2	0455	348	9.	*	2	1725	498	0.
1	0400	49	12.	*	1	1630	199	178.	*	2	0500	349	9.	*	2	1730	499	0.
1	0405	50	12.	*	1	1635	200	172.	*	2	0505	350	8.	*	2	1735	500	0.
1	0410	51	12.	*	1	1640	201	167.	*	2	0510	351	8.	*	2	1740	501	0.
1	0415	52	13.	*	1	1645	202	161.	*	2	0515	352	8.	*	2	1745	502	0.
1	0420	53	13.	*	1	1650	203	156.	*	2	0520	353	8.	*	2	1750	503	0.
1	0425	54	13.	*	1	1655	204	152.	*	2	0525	354	7.	*	2	1755	504	0.
1	0430	55	13.	*	1	1700	205	147.	*	2	0530	355	7.	*	2	1800	505	0.
1	0435	56	14.	*	1	1705	206	143.	*	2	0535	356	7.	*	2	1805	506	0.
1	0440	57	14.	*	1	1710	207	140.	*	2	0540	357	6.	*	2	1810	507	0.
1	0445	58	14.	*	1	1715	208	137.	*	2	0545	358	6.	*	2	1815	508	0.
1	0450	59	14.	*	1	1720	209	134.	*	2	0550	359	6.	*	2	1820	509	0.
1	0455	60	14.	*	1	1725	210	132.	*	2	0555	360	6.	*	2	1825	510	0.
1	0500	61	15.	*	1	1730	211	130.	*	2	0600	361	6.	*	2	1830	511	0.
1	0505	62	15.	*	1	1735	212	128.	*	2	0605	362	5.	*	2	1835	512	0.
1	0510	63	15.	*	1	1740	213	126.	*	2	0610	363	5.	*	2	1840	513	0.
1	0515	64	15.	*	1	1745	214	125.	*	2	0615	364	5.	*	2	1845	514	0.
1	0520	65	15.	*	1	1750	215	124.	*	2	0620	365	5.	*	2	1850	515	0.
1	0525	66	16.	*	1	1755	216	122.	*	2	0625	366	5.	*	2	1855	516	0.
1	0530	67	16.	*	1	1800	217	121.	*	2	0630	367	5.	*	2	1900	517	0.
1	0535	68	16.	*	1	1805	218	119.	*	2	0635	368	4.	*	2	1905	518	0.
1	0540	69	16.	*	1	1810	219	117.	*	2	0640	369	4.	*	2	1910	519	0.
1	0545	70	17.	*	1	1815	220	115.	*	2	0645	370	4.	*	2	1915	520	0.
1	0550	71	17.	*	1	1820	221	113.	*	2	0650	371	4.	*	2	1920	521	0.
1	0555	72	17.	*	1	1825	222	111.	*	2	0655	372	4.	*	2	1925	522	0.
1	0600	73	18.	*	1	1830	223	109.	*	2	0700	373	4.	*	2	1930	523	0.
1	0605	74	18.	*	1	1835	224	107.	*	2	0705	374	4.	*	2	1935	524	0.
1	0610	75	19.	*	1	1840	225	105.	*	2	0710	375	4.	*	2	1940	525	0.
1	0615	76	19.	*	1	1845	226	102.	*	2	0715	376	3.	*	2	1945	526	0.
1	0620	77	20.	*	1	1850	227	100.	*	2	0720	377	3.	*	2	1950	527	0.
1	0625	78	21.	*	1	1855	228	98.	*	2	0725	378	3.	*	2	1955	528	0.
1	0630	79	22.	*	1	1900	229	96.	*	2	0730	379	3.	*	2	2000	529	0.
1	0635	80	23.	*	1	1905	230	93.	*	2	0735	380	3.	*	2	2005	530	0.
1	0640	81	23.	*	1	1910	231	91.	*	2	0740	381	3.	*	2	2010	531	0.
1	0645	82	24.	*	1	1915	232	89.	*	2	0745	382	3.	*	2	2015	532	0.
1	0650	83	25.	*	1	1920	233	87.	*	2	0750	383	3.	*	2	2020	533	0.
1	0655	84	25.	*	1	1925	234	85.	*	2	0755	384	3.	*	2	2025	534	0.
1	0700	85	26.	*	1	1930	235	84.	*	2	0800	385	3.	*	2	2030	535	0.
1	0705	86	26.	*	1	1935	236	82.	*	2	0805	386	3.	*	2	2035	536	0.
1	0710	87	27.	*	1	1940	237	80.	*	2	0810	387	2.	*	2	2040	537	0.
1	0715	88	27.	*	1	1945	238	79.	*	2	0815	388	2.	*	2	2045	538	0.
1	0720	89	28.	*	1	1950	239	77.	*	2	0820	389	2.	*	2	2050	539	0.
1	0725	90	28.	*	1	1955	240	75.	*	2	0825	390	2.	*	2	2055	540	0.
1	0730	91	28.	*	1	2000	241	74.	*	2	0830	391	2.	*	2	2100	541	0.
1	0735	92	28.	*	1	2005	242	72.	*	2	0835	392	2.	*	2	2105	542	0.
1	0740	93	29.	*	1	2010	243	71.	*	2	0840	393	2.	*	2	2110	543	0.
1	0745	94	29.	*	1	2015	244	69.	*	2	0845	394	2.	*	2	2115	544	0.
1	0750	95	29.	*	1	2020	245	68.	*	2	0850	395	2.	*	2	2120	545	0.
1	0755	96	29.	*	1	2025	246	67.	*	2	0855	396	2.	*	2	2125	546	0.
1	0800	97	29.	*	1	2030	247	66.	*	2	0900	397	2.	*	2	2130	547	0.
1	0805	98	30.	*	1	2035	248	65.	*	2	0905	398	2.	*	2	2135	548	0.
1	0810	99	30.	*	1	2040	249	64.	*	2	0910	399	2.	*	2	2140	549	0.
1	0815	100	30.	*	1	2045	250	63.	*	2	0915	400	2.	*	2	2145	550	0.
1	0820	101	31.	*	1	2050	251	62.	*	2	0920	401	1.	*	2	2150	551	0.
1	0825	102	31.	*	1	2055	252	61.	*	2	0925	402	1.	*	2	2155	552	0.
1	0830	103	32.	*	1	2100	253	60.	*	2	0930	403	1.	*	2	2200	553	0.
1	0835	104	32.	*	1	2105	254	59.	*	2	0935	404	1.	*	2	2205	554	0.
1	0840	105	33.	*	1	2110	255	59.	*	2	0940	405	1.	*	2	2210	555	0.
1	0845	106	34.	*	1	2115	256	58.	*	2	0945	406	1.	*	2	2215	556	0.
1	0850	107	34.	*	1	2120	257	57.	*	2	0950	407	1.	*	2	2220	557	0.
1	0855	108	35.	*	1	2125	258	57.	*	2	0955	408	1.	*	2	2225	558	0.
1	0900	109	35.	*	1	2130	259	56.	*	2	1000	409	1.	*	2	2230	559	0.
1	0905	110	36.	*	1	2135	260	55.	*	2	1005	410	1.	*	2	2235	560	0.
1	0910	111	36.	*	1	2140	261	55.	*	2	1010	411	1.	*	2	2240	561	0.
1	0915	112	37.	*	1	2145	262	54.	*	2	1015	412	1.	*	2	2245	562	0.

1	0920	113	37.	*	1	2150	263	54.	*	2	1020	413	1.	*	2	2250	563	0.
1	0925	114	38.	*	1	2155	264	53.	*	2	1025	414	1.	*	2	2255	564	0.
1	0930	115	39.	*	1	2200	265	52.	*	2	1030	415	1.	*	2	2300	565	0.
1	0935	116	39.	*	1	2205	266	52.	*	2	1035	416	1.	*	2	2305	566	0.
1	0940	117	40.	*	1	2210	267	51.	*	2	1040	417	1.	*	2	2310	567	0.
1	0945	118	41.	*	1	2215	268	51.	*	2	1045	418	1.	*	2	2315	568	0.
1	0950	119	41.	*	1	2220	269	50.	*	2	1050	419	1.	*	2	2320	569	0.
1	0955	120	42.	*	1	2225	270	50.	*	2	1055	420	1.	*	2	2325	570	0.
1	1000	121	43.	*	1	2230	271	49.	*	2	1100	421	0.	*	2	2330	571	0.
1	1005	122	43.	*	1	2235	272	49.	*	2	1105	422	0.	*	2	2335	572	0.
1	1010	123	44.	*	1	2240	273	48.	*	2	1110	423	0.	*	2	2340	573	0.
1	1015	124	45.	*	1	2245	274	48.	*	2	1115	424	0.	*	2	2345	574	0.
1	1020	125	45.	*	1	2250	275	48.	*	2	1120	425	0.	*	2	2350	575	0.
1	1025	126	46.	*	1	2255	276	47.	*	2	1125	426	0.	*	2	2355	576	0.
1	1030	127	47.	*	1	2300	277	47.	*	2	1130	427	0.	*	3	0000	577	0.
1	1035	128	49.	*	1	2305	278	46.	*	2	1135	428	0.	*	3	0005	578	0.
1	1040	129	50.	*	1	2310	279	46.	*	2	1140	429	0.	*	3	0010	579	0.
1	1045	130	52.	*	1	2315	280	46.	*	2	1145	430	0.	*	3	0015	580	0.
1	1050	131	54.	*	1	2320	281	45.	*	2	1150	431	0.	*	3	0020	581	0.
1	1055	132	56.	*	1	2325	282	45.	*	2	1155	432	0.	*	3	0025	582	0.
1	1100	133	58.	*	1	2330	283	44.	*	2	1200	433	0.	*	3	0030	583	0.
1	1105	134	61.	*	1	2335	284	44.	*	2	1205	434	0.	*	3	0035	584	0.
1	1110	135	63.	*	1	2340	285	44.	*	2	1210	435	0.	*	3	0040	585	0.
1	1115	136	66.	*	1	2345	286	44.	*	2	1215	436	0.	*	3	0045	586	0.
1	1120	137	69.	*	1	2350	287	43.	*	2	1220	437	0.	*	3	0050	587	0.
1	1125	138	73.	*	1	2355	288	43.	*	2	1225	438	0.	*	3	0055	588	0.
1	1130	139	77.	*	2	0000	289	42.	*	2	1230	439	0.	*	3	0100	589	0.
1	1135	140	85.	*	2	0005	290	42.	*	2	1235	440	0.	*	3	0105	590	0.
1	1140	141	99.	*	2	0010	291	41.	*	2	1240	441	0.	*	3	0110	591	0.
1	1145	142	129.	*	2	0015	292	40.	*	2	1245	442	0.	*	3	0115	592	0.
1	1150	143	182.	*	2	0020	293	39.	*	2	1250	443	0.	*	3	0120	593	0.
1	1155	144	270.	*	2	0025	294	38.	*	2	1255	444	0.	*	3	0125	594	0.
1	1200	145	402.	*	2	0030	295	37.	*	2	1300	445	0.	*	3	0130	595	0.
1	1205	146	546.	*	2	0035	296	36.	*	2	1305	446	0.	*	3	0135	596	0.
1	1210	147	696.	*	2	0040	297	35.	*	2	1310	447	0.	*	3	0140	597	0.
1	1215	148	817.	*	2	0045	298	35.	*	2	1315	448	0.	*	3	0145	598	0.
1	1220	149	897.	*	2	0050	299	34.	*	2	1320	449	0.	*	3	0150	599	0.
1	1225	150	929.	*	2	0055	300	33.	*	2	1325	450	0.	*	3	0155	600	0.
				*					*					*				

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 929.	12.42		491.	156.	76.	76.
		(INCHES)	.998	1.271	1.292	1.292
		(AC-FT)	243.	310.	315.	315.

CUMULATIVE AREA = 4.57 SQ MI

*** ***

```
            **************
            *            *
 434 KK     *    !S287C  *
            *            *
            **************

 435 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        600  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                              STORAGE ROUTE CP287C IN AN I-10 DETENTION BASIN

             HYDROGRAPH ROUTING DATA

 437 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP       STOR  TYPE OF INITIAL CONDITION
                     RSVRIC        .00  INITIAL CONDITION
                          X        .00 WORKING R AND D COEFFICIENT

 438 SV            STORAGE          .0      25.1      71.7     127.1     189.5     324.5     402.1

 439 SE          ELEVATION      972.50    976.00    978.00    980.00    982.00    986.00    988.00

 440 SQ          DISCHARGE          0.        0.        0.        0.        0.        0.

 441 SE          ELEVATION      972.50    976.00    980.00    988.00    988.60    990.00

                                                          ***

                                          COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

          STORAGE        .00     25.10     71.68    127.08    189.52    324.54    402.14    425.42    479.74
         OUTFLOW         .00       .00       .00       .00       .00       .00       .00       .00       .00
       ELEVATION      972.50    976.00    978.00    980.00    982.00    986.00    988.00    988.60    990.00
```

HYDROGRAPH AT STATION !S287C

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	972.5	1		1640	201	0.	254.4	983.9	2		0920	401	0.	314.7	985.7
1		0005	2	0.	.0	972.5	1		1645	202	0.	255.5	984.0	2		0925	402	0.	314.7	985.7
1		0010	3	0.	.0	972.5	1		1650	203	0.	256.6	984.0	2		0930	403	0.	314.7	985.7
1		0015	4	0.	.0	972.5	1		1655	204	0.	257.7	984.0	2		0935	404	0.	314.7	985.7
1		0020	5	0.	.0	972.5	1		1700	205	0.	258.7	984.0	2		0940	405	0.	314.7	985.7
1		0025	6	0.	.0	972.5	1		1705	206	0.	259.7	984.1	2		0945	406	0.	314.7	985.7
1		0030	7	0.	.0	972.5	1		1710	207	0.	260.7	984.1	2		0950	407	0.	314.7	985.7
1		0035	8	0.	.0	972.5	1		1715	208	0.	261.6	984.1	2		0955	408	0.	314.7	985.7
1		0040	9	0.	.1	972.5	1		1720	209	0.	262.6	984.2	2		1000	409	0.	314.7	985.7
1		0045	10	0.	.1	972.5	1		1725	210	0.	263.5	984.2	2		1005	410	0.	314.7	985.7
1		0050	11	0.	.1	972.5	1		1730	211	0.	264.4	984.2	2		1010	411	0.	314.7	985.7
1		0055	12	0.	.2	972.5	1		1735	212	0.	265.3	984.2	2		1015	412	0.	314.7	985.7
1		0100	13	0.	.2	972.5	1		1740	213	0.	266.2	984.3	2		1020	413	0.	314.8	985.7
1		0105	14	0.	.2	972.5	1		1745	214	0.	267.0	984.3	2		1025	414	0.	314.8	985.7
1		0110	15	0.	.3	972.5	1		1750	215	0.	267.9	984.3	2		1030	415	0.	314.8	985.7
1		0115	16	0.	.3	972.5	1		1755	216	0.	268.7	984.3	2		1035	416	0.	314.8	985.7
1		0120	17	0.	.4	972.6	1		1800	217	0.	269.6	984.4	2		1040	417	0.	314.8	985.7
1		0125	18	0.	.4	972.6	1		1805	218	0.	270.4	984.4	2		1045	418	0.	314.8	985.7
1		0130	19	0.	.5	972.6	1		1810	219	0.	271.2	984.4	2		1050	419	0.	314.8	985.7
1		0135	20	0.	.5	972.6	1		1815	220	0.	272.0	984.4	2		1055	420	0.	314.8	985.7
1		0140	21	0.	.6	972.6	1		1820	221	0.	272.8	984.5	2		1100	421	0.	314.8	985.7
1		0145	22	0.	.6	972.6	1		1825	222	0.	273.6	984.5	2		1105	422	0.	314.8	985.7
1		0150	23	0.	.7	972.6	1		1830	223	0.	274.3	984.5	2		1110	423	0.	314.8	985.7
1		0155	24	0.	.7	972.6	1		1835	224	0.	275.1	984.5	2		1115	424	0.	314.8	985.7
1		0200	25	0.	.8	972.6	1		1840	225	0.	275.8	984.6	2		1120	425	0.	314.8	985.7
1		0205	26	0.	.9	972.6	1		1845	226	0.	276.5	984.6	2		1125	426	0.	314.8	985.7
1		0210	27	0.	.9	972.6	1		1850	227	0.	277.2	984.6	2		1130	427	0.	314.8	985.7
1		0215	28	0.	1.0	972.6	1		1855	228	0.	277.9	984.6	2		1135	428	0.	314.8	985.7
1		0220	29	0.	1.1	972.6	1		1900	229	0.	278.5	984.6	2		1140	429	0.	314.8	985.7
1		0225	30	0.	1.1	972.7	1		1905	230	0.	279.2	984.7	2		1145	430	0.	314.8	985.7
1		0230	31	0.	1.2	972.7	1		1910	231	0.	279.8	984.7	2		1150	431	0.	314.8	985.7
1		0235	32	0.	1.3	972.7	1		1915	232	0.	280.5	984.7	2		1155	432	0.	314.8	985.7
1		0240	33	0.	1.3	972.7	1		1920	233	0.	281.1	984.7	2		1200	433	0.	314.8	985.7
1		0245	34	0.	1.4	972.7	1		1925	234	0.	281.7	984.7	2		1205	434	0.	314.8	985.7
1		0250	35	0.	1.5	972.7	1		1930	235	0.	282.2	984.7	2		1210	435	0.	314.8	985.7
1		0255	36	0.	1.5	972.7	1		1935	236	0.	282.8	984.8	2		1215	436	0.	314.8	985.7
1		0300	37	0.	1.6	972.7	1		1940	237	0.	283.4	984.8	2		1220	437	0.	314.8	985.7
1		0305	38	0.	1.7	972.7	1		1945	238	0.	283.9	984.8	2		1225	438	0.	314.8	985.7
1		0310	39	0.	1.8	972.7	1		1950	239	0.	284.5	984.8	2		1230	439	0.	314.8	985.7
1		0315	40	0.	1.8	972.8	1		1955	240	0.	285.0	984.8	2		1235	440	0.	314.8	985.7
1		0320	41	0.	1.9	972.8	1		2000	241	0.	285.5	984.8	2		1240	441	0.	314.8	985.7
1		0325	42	0.	2.0	972.8	1		2005	242	0.	286.0	984.9	2		1245	442	0.	314.8	985.7
1		0330	43	0.	2.1	972.8	1		2010	243	0.	286.5	984.9	2		1250	443	0.	314.8	985.7
1		0335	44	0.	2.1	972.8	1		2015	244	0.	287.0	984.9	2		1255	444	0.	314.8	985.7
1		0340	45	0.	2.2	972.8	1		2020	245	0.	287.4	984.9	2		1300	445	0.	314.8	985.7
1		0345	46	0.	2.3	972.8	1		2025	246	0.	287.9	984.9	2		1305	446	0.	314.8	985.7
1		0350	47	0.	2.4	972.8	1		2030	247	0.	288.4	984.9	2		1310	447	0.	314.8	985.7
1		0355	48	0.	2.5	972.8	1		2035	248	0.	288.8	984.9	2		1315	448	0.	314.8	985.7
1		0400	49	0.	2.5	972.9	1		2040	249	0.	289.3	985.0	2		1320	449	0.	314.8	985.7
1		0405	50	0.	2.6	972.9	1		2045	250	0.	289.7	985.0	2		1325	450	0.	314.8	985.7
1		0410	51	0.	2.7	972.9	1		2050	251	0.	290.1	985.0	2		1330	451	0.	314.8	985.7
1		0415	52	0.	2.8	972.9	1		2055	252	0.	290.5	985.0	2		1335	452	0.	314.8	985.7
1		0420	53	0.	2.9	972.9	1		2100	253	0.	291.0	985.0	2		1340	453	0.	314.8	985.7
1		0425	54	0.	3.0	972.9	1		2105	254	0.	291.4	985.0	2		1345	454	0.	314.8	985.7
1		0430	55	0.	3.1	972.9	1		2110	255	0.	291.8	985.0	2		1350	455	0.	314.8	985.7
1		0435	56	0.	3.2	972.9	1		2115	256	0.	292.2	985.0	2		1355	456	0.	314.8	985.7
1		0440	57	0.	3.2	973.0	1		2120	257	0.	292.6	985.1	2		1400	457	0.	314.8	985.7
1		0445	58	0.	3.3	973.0	1		2125	258	0.	293.0	985.1	2		1405	458	0.	314.8	985.7
1		0450	59	0.	3.4	973.0	1		2130	259	0.	293.4	985.1	2		1410	459	0.	314.8	985.7
1		0455	60	0.	3.5	973.0	1		2135	260	0.	293.7	985.1	2		1415	460	0.	314.8	985.7
1		0500	61	0.	3.6	973.0	1		2140	261	0.	294.1	985.1	2		1420	461	0.	314.8	985.7
1		0505	62	0.	3.7	973.0	1		2145	262	0.	294.5	985.1	2		1425	462	0.	314.8	985.7
1		0510	63	0.	3.8	973.0	1		2150	263	0.	294.9	985.1	2		1430	463	0.	314.8	985.7
1		0515	64	0.	3.9	973.1	1		2155	264	0.	295.2	985.1	2		1435	464	0.	314.8	985.7
1		0520	65	0.	4.0	973.1	1		2200	265	0.	295.6	985.1	2		1440	465	0.	314.8	985.7
1		0525	66	0.	4.2	973.1	1		2205	266	0.	295.9	985.2	2		1445	466	0.	314.8	985.7
1		0530	67	0.	4.3	973.1	1		2210	267	0.	296.3	985.2	2		1450	467	0.	314.8	985.7
1		0535	68	0.	4.4	973.1	1		2215	268	0.	296.7	985.2	2		1455	468	0.	314.8	985.7
1		0540	69	0.	4.5	973.1	1		2220	269	0.	297.0	985.2	2		1500	469	0.	314.8	985.7
1		0545	70	0.	4.6	973.1	1		2225	270	0.	297.3	985.2	2		1505	470	0.	314.8	985.7
1		0550	71	0.	4.7	973.2	1		2230	271	0.	297.7	985.2	2		1510	471	0.	314.8	985.7
1		0555	72	0.	4.8	973.2	1		2235	272	0.	298.0	985.2	2		1515	472	0.	314.8	985.7
1		0600	73	0.	5.0	973.2	1		2240	273	0.	298.4	985.2	2		1520	473	0.	314.8	985.7
1		0605	74	0.	5.1	973.2	1		2245	274	0.	298.7	985.2	2		1525	474	0.	314.8	985.7
1		0610	75	0.	5.2	973.2	1		2250	275	0.	299.0	985.2	2		1530	475	0.	314.8	985.7
1		0615	76	0.	5.3	973.2	1		2255	276	0.	299.3	985.3	2		1535	476	0.	314.8	985.7
1		0620	77	0.	5.5	973.3	1		2300	277	0.	299.7	985.3	2		1540	477	0.	314.8	985.7
1		0625	78	0.	5.6	973.3	1		2305	278	0.	300.0	985.3	2		1545	478	0.	314.8	985.7
1		0630	79	0.	5.8	973.3	1		2310	279	0.	300.3	985.3	2		1550	479	0.	314.8	985.7
1		0635	80	0.	5.9	973.3	1		2315	280	0.	300.6	985.3	2		1555	480	0.	314.8	985.7
1		0640	81	0.	6.1	973.3	1		2320	281	0.	300.9	985.3	2		1600	481	0.	314.8	985.7
1		0645	82	0.	6.2	973.4	1		2325	282	0.	301.2	985.3	2		1605	482	0.	314.8	985.7
1		0650	83	0.	6.4	973.4	1		2330	283	0.	301.6	985.3	2		1610	483	0.	314.8	985.7
1		0655	84	0.	6.6	973.4	1		2335	284	0.	301.9	985.3	2		1615	484	0.	314.8	985.7
1		0700	85	0.	6.7	973.4	1		2340	285	0.	302.2	985.3	2		1620	485	0.	314.8	985.7
1		0705	86	0.	6.9	973.5	1		2345	286	0.	302.5	985.3	2		1625	486	0.	314.8	985.7
1		0710	87	0.	7.1	973.5	1		2350	287	0.	302.8	985.4	2		1630	487	0.	314.8	985.7
1		0715	88	0.	7.3	973.5	1		2355	288	0.	303.1	985.4	2		1635	488	0.	314.8	985.7
1		0720	89	0.	7.5	973.5	2		0000	289	0.	303.4	985.4	2		1640	489	0.	314.8	985.7
1		0725	90	0.	7.7	973.6	2		0005	290	0.	303.6	985.4	2		1645	490	0.	314.8	985.7
1		0730	91	0.	7.9	973.6	2		0010	291	0.	303.9	985.4	2		1650	491	0.	314.8	985.7

1	0735	92	0.	8.1	973.6	*	2	0015	292	0.	304.2	985.4	*	2	1655	492	0.	314.8	985.7
1	0740	93	0.	8.3	973.7	*	2	0020	293	0.	304.5	985.4	*	2	1700	493	0.	314.8	985.7
1	0745	94	0.	8.5	973.7	*	2	0025	294	0.	304.8	985.4	*	2	1705	494	0.	314.8	985.7
1	0750	95	0.	8.7	973.7	*	2	0030	295	0.	305.0	985.4	*	2	1710	495	0.	314.8	985.7
1	0755	96	0.	8.9	973.7	*	2	0035	296	0.	305.3	985.4	*	2	1715	496	0.	314.8	985.7
1	0800	97	0.	9.1	973.8	*	2	0040	297	0.	305.5	985.4	*	2	1720	497	0.	314.8	985.7
1	0805	98	0.	9.3	973.8	*	2	0045	298	0.	305.8	985.4	*	2	1725	498	0.	314.8	985.7
1	0810	99	0.	9.5	973.8	*	2	0050	299	0.	306.0	985.5	*	2	1730	499	0.	314.8	985.7
1	0815	100	0.	9.7	973.8	*	2	0055	300	0.	306.2	985.5	*	2	1735	500	0.	314.8	985.7
1	0820	101	0.	9.9	973.9	*	2	0100	301	0.	306.5	985.5	*	2	1740	501	0.	314.8	985.7
1	0825	102	0.	10.1	973.9	*	2	0105	302	0.	306.7	985.5	*	2	1745	502	0.	314.8	985.7
1	0830	103	0.	10.3	973.9	*	2	0110	303	0.	306.9	985.5	*	2	1750	503	0.	314.8	985.7
1	0835	104	0.	10.5	974.0	*	2	0115	304	0.	307.1	985.5	*	2	1755	504	0.	314.8	985.7
1	0840	105	0.	10.8	974.0	*	2	0120	305	0.	307.3	985.5	*	2	1800	505	0.	314.8	985.7
1	0845	106	0.	11.0	974.0	*	2	0125	306	0.	307.5	985.5	*	2	1805	506	0.	314.8	985.7
1	0850	107	0.	11.2	974.1	*	2	0130	307	0.	307.8	985.5	*	2	1810	507	0.	314.8	985.7
1	0855	108	0.	11.5	974.1	*	2	0135	308	0.	308.0	985.5	*	2	1815	508	0.	314.8	985.7
1	0900	109	0.	11.7	974.1	*	2	0140	309	0.	308.2	985.5	*	2	1820	509	0.	314.8	985.7
1	0905	110	0.	11.9	974.2	*	2	0145	310	0.	308.4	985.5	*	2	1825	510	0.	314.8	985.7
1	0910	111	0.	12.2	974.2	*	2	0150	311	0.	308.6	985.5	*	2	1830	511	0.	314.8	985.7
1	0915	112	0.	12.5	974.2	*	2	0155	312	0.	308.8	985.5	*	2	1835	512	0.	314.8	985.7
1	0920	113	0.	12.7	974.3	*	2	0200	313	0.	309.0	985.5	*	2	1840	513	0.	314.8	985.7
1	0925	114	0.	13.0	974.3	*	2	0205	314	0.	309.1	985.5	*	2	1845	514	0.	314.8	985.7
1	0930	115	0.	13.2	974.3	*	2	0210	315	0.	309.3	985.5	*	2	1850	515	0.	314.8	985.7
1	0935	116	0.	13.5	974.4	*	2	0215	316	0.	309.5	985.6	*	2	1855	516	0.	314.8	985.7
1	0940	117	0.	13.8	974.4	*	2	0220	317	0.	309.7	985.6	*	2	1900	517	0.	314.8	985.7
1	0945	118	0.	14.1	974.5	*	2	0225	318	0.	309.9	985.6	*	2	1905	518	0.	314.8	985.7
1	0950	119	0.	14.3	974.5	*	2	0230	319	0.	310.0	985.6	*	2	1910	519	0.	314.8	985.7
1	0955	120	0.	14.6	974.5	*	2	0235	320	0.	310.2	985.6	*	2	1915	520	0.	314.8	985.7
1	1000	121	0.	14.9	974.6	*	2	0240	321	0.	310.4	985.6	*	2	1920	521	0.	314.8	985.7
1	1005	122	0.	15.2	974.6	*	2	0245	322	0.	310.5	985.6	*	2	1925	522	0.	314.8	985.7
1	1010	123	0.	15.5	974.7	*	2	0250	323	0.	310.7	985.6	*	2	1930	523	0.	314.8	985.7
1	1015	124	0.	15.8	974.7	*	2	0255	324	0.	310.8	985.6	*	2	1935	524	0.	314.8	985.7
1	1020	125	0.	16.1	974.7	*	2	0300	325	0.	311.0	985.6	*	2	1940	525	0.	314.8	985.7
1	1025	126	0.	16.4	974.8	*	2	0305	326	0.	311.1	985.6	*	2	1945	526	0.	314.8	985.7
1	1030	127	0.	16.8	974.8	*	2	0310	327	0.	311.2	985.6	*	2	1950	527	0.	314.8	985.7
1	1035	128	0.	17.1	974.9	*	2	0315	328	0.	311.4	985.6	*	2	1955	528	0.	314.8	985.7
1	1040	129	0.	17.4	974.9	*	2	0320	329	0.	311.5	985.6	*	2	2000	529	0.	314.8	985.7
1	1045	130	0.	17.8	975.0	*	2	0325	330	0.	311.6	985.6	*	2	2005	530	0.	314.8	985.7
1	1050	131	0.	18.1	975.0	*	2	0330	331	0.	311.7	985.6	*	2	2010	531	0.	314.8	985.7
1	1055	132	0.	18.5	975.1	*	2	0335	332	0.	311.8	985.6	*	2	2015	532	0.	314.8	985.7
1	1100	133	0.	18.9	975.1	*	2	0340	333	0.	311.9	985.6	*	2	2020	533	0.	314.8	985.7
1	1105	134	0.	19.3	975.2	*	2	0345	334	0.	312.0	985.6	*	2	2025	534	0.	314.8	985.7
1	1110	135	0.	19.7	975.3	*	2	0350	335	0.	312.1	985.6	*	2	2030	535	0.	314.8	985.7
1	1115	136	0.	20.2	975.3	*	2	0355	336	0.	312.2	985.6	*	2	2035	536	0.	314.8	985.7
1	1120	137	0.	20.7	975.4	*	2	0400	337	0.	312.3	985.6	*	2	2040	537	0.	314.8	985.7
1	1125	138	0.	21.2	975.4	*	2	0405	338	0.	312.4	985.6	*	2	2045	538	0.	314.8	985.7
1	1130	139	0.	21.7	975.5	*	2	0410	339	0.	312.5	985.6	*	2	2050	539	0.	314.8	985.7
1	1135	140	0.	22.2	975.6	*	2	0415	340	0.	312.6	985.6	*	2	2055	540	0.	314.8	985.7
1	1140	141	0.	22.9	975.7	*	2	0420	341	0.	312.7	985.6	*	2	2100	541	0.	314.8	985.7
1	1145	142	0.	23.7	975.8	*	2	0425	342	0.	312.7	985.7	*	2	2105	542	0.	314.8	985.7
1	1150	143	0.	24.7	975.9	*	2	0430	343	0.	312.8	985.7	*	2	2110	543	0.	314.8	985.7
1	1155	144	0.	26.3	976.1	*	2	0435	344	0.	312.9	985.7	*	2	2115	544	0.	314.8	985.7
1	1200	145	0.	28.6	976.1	*	2	0440	345	0.	313.0	985.7	*	2	2120	545	0.	314.8	985.7
1	1205	146	0.	31.9	976.3	*	2	0445	346	0.	313.0	985.7	*	2	2125	546	0.	314.8	985.7
1	1210	147	0.	36.1	976.5	*	2	0450	347	0.	313.1	985.7	*	2	2130	547	0.	314.8	985.7
1	1215	148	0.	41.3	976.7	*	2	0455	348	0.	313.2	985.7	*	2	2135	548	0.	314.8	985.7
1	1220	149	0.	47.2	977.0	*	2	0500	349	0.	313.2	985.7	*	2	2140	549	0.	314.8	985.7
1	1225	150	0.	53.5	977.2	*	2	0505	350	0.	313.3	985.7	*	2	2145	550	0.	314.8	985.7
1	1230	151	0.	59.9	977.5	*	2	0510	351	0.	313.3	985.7	*	2	2150	551	0.	314.8	985.7
1	1235	152	0.	66.2	977.8	*	2	0515	352	0.	313.4	985.7	*	2	2155	552	0.	314.8	985.7
1	1240	153	0.	72.3	978.0	*	2	0520	353	0.	313.5	985.7	*	2	2200	553	0.	314.8	985.7
1	1245	154	0.	78.2	978.2	*	2	0525	354	0.	313.5	985.7	*	2	2205	554	0.	314.8	985.7
1	1250	155	0.	84.0	978.4	*	2	0530	355	0.	313.6	985.7	*	2	2210	555	0.	314.8	985.7
1	1255	156	0.	89.7	978.7	*	2	0535	356	0.	313.6	985.7	*	2	2215	556	0.	314.8	985.7
1	1300	157	0.	95.4	978.9	*	2	0540	357	0.	313.6	985.7	*	2	2220	557	0.	314.8	985.7
1	1305	158	0.	101.0	979.1	*	2	0545	358	0.	313.7	985.7	*	2	2225	558	0.	314.8	985.7
1	1310	159	0.	106.7	979.3	*	2	0550	359	0.	313.7	985.7	*	2	2230	559	0.	314.8	985.7
1	1315	160	0.	112.4	979.5	*	2	0555	360	0.	313.8	985.7	*	2	2235	560	0.	314.8	985.7
1	1320	161	0.	118.1	979.7	*	2	0600	361	0.	313.8	985.7	*	2	2240	561	0.	314.8	985.7
1	1325	162	0.	123.9	979.9	*	2	0605	362	0.	313.8	985.7	*	2	2245	562	0.	314.8	985.7
1	1330	163	0.	129.7	980.1	*	2	0610	363	0.	313.9	985.7	*	2	2250	563	0.	314.8	985.7
1	1335	164	0.	135.6	980.3	*	2	0615	364	0.	313.9	985.7	*	2	2255	564	0.	314.8	985.7
1	1340	165	0.	141.6	980.5	*	2	0620	365	0.	314.0	985.7	*	2	2300	565	0.	314.8	985.7
1	1345	166	0.	147.5	980.7	*	2	0625	366	0.	314.0	985.7	*	2	2305	566	0.	314.8	985.7
1	1350	167	0.	153.4	980.8	*	2	0630	367	0.	314.0	985.7	*	2	2310	567	0.	314.8	985.7
1	1355	168	0.	159.3	981.0	*	2	0635	368	0.	314.0	985.7	*	2	2315	568	0.	314.8	985.7
1	1400	169	0.	165.1	981.2	*	2	0640	369	0.	314.1	985.7	*	2	2320	569	0.	314.8	985.7
1	1405	170	0.	170.8	981.4	*	2	0645	370	0.	314.1	985.7	*	2	2325	570	0.	314.8	985.7
1	1410	171	0.	176.3	981.6	*	2	0650	371	0.	314.1	985.7	*	2	2330	571	0.	314.8	985.7
1	1415	172	0.	181.8	981.8	*	2	0655	372	0.	314.2	985.7	*	2	2335	572	0.	314.8	985.7
1	1420	173	0.	187.0	981.9	*	2	0700	373	0.	314.2	985.7	*	2	2340	573	0.	314.8	985.7
1	1425	174	0.	192.0	982.1	*	2	0705	374	0.	314.2	985.7	*	2	2345	574	0.	314.8	985.7
1	1430	175	0.	196.8	982.2	*	2	0710	375	0.	314.2	985.7	*	2	2350	575	0.	314.8	985.7
1	1435	176	0.	201.2	982.3	*	2	0715	376	0.	314.3	985.7	*	2	2355	576	0.	314.8	985.7
1	1440	177	0.	205.2	982.5	*	2	0720	377	0.	314.3	985.7	*	3	0000	577	0.	314.8	985.7
1	1445	178	0.	209.0	982.6	*	2	0725	378	0.	314.3	985.7	*	3	0005	578	0.	314.8	985.7
1	1450	179	0.	212.5	982.7	*	2	0730	379	0.	314.3	985.7	*	3	0010	579	0.	314.8	985.7
1	1455	180	0.	215.7	982.8	*	2	0735	380	0.	314.3	985.7	*	3	0015	580	0.	314.8	985.7
1	1500	181	0.	218.8	982.9	*	2	0740	381	0.	314.4	985.7	*	3	0020	581	0.	314.8	985.7
1	1505	182	0.	221.6	983.0	*	2	0745	382	0.	314.4	985.7	*	3	0025	582	0.	314.8	985.7
1	1510	183	0.	224.3	983.0	*	2	0750	383	0.	314.4	985.7	*	3	0030	583	0.	314.8	985.7
1	1515	184	0.	226.8	983.1	*	2	0755	384	0.	314.4	985.7	*	3	0035	584	0.	314.8	985.7
1	1520	185	0.	229.1	983.2	*	2	0800	385	0.	314.4	985.7	*	3	0040	585	0.	314.8	985.7
1	1525	186	0.	231.4	983.2	*	2	0805	386	0.	314.5	985.7	*	3	0045	586	0.	314.8	985.7
1	1530	187	0.	233.5	983.3	*	2	0810	387	0.	314.5	985.7	*	3	0050	587	0.	314.8	985.7
1	1535	188	0.	235.4	983.4	*	2	0815	388	0.	314.5	985.7	*	3	0055	588	0.	314.8	985.7
1	1540	189	0.	237.3	983.4	*	2	0820	389	0.	314.5	985.7	*	3	0100	589	0.	314.8	985.7
1	1545	190	0.	239.0	983.5	*	2	0825	390	0.	314.5	985.7	*	3	0105	590	0.	314.8	985.7

1	1550	191	0.	240.7	983.5 *	2	0830	391	0.	314.5	985.7 *	3	0110	591	0.	314.8	985.7
1	1555	192	0.	242.3	983.6 *	2	0835	392	0.	314.6	985.7 *	3	0115	592	0.	314.8	985.7
1	1600	193	0.	243.8	983.6 *	2	0840	393	0.	314.6	985.7 *	3	0120	593	0.	314.8	985.7
1	1605	194	0.	245.3	983.7 *	2	0845	394	0.	314.6	985.7 *	3	0125	594	0.	314.8	985.7
1	1610	195	0.	246.8	983.7 *	2	0850	395	0.	314.6	985.7 *	3	0130	595	0.	314.8	985.7
1	1615	196	0.	248.1	983.7 *	2	0855	396	0.	314.6	985.7 *	3	0135	596	0.	314.8	985.7
1	1620	197	0.	249.5	983.8 *	2	0900	397	0.	314.6	985.7 *	3	0140	597	0.	314.8	985.7
1	1625	198	0.	250.8	983.8 *	2	0905	398	0.	314.6	985.7 *	3	0145	598	0.	314.8	985.7
1	1630	199	0.	252.0	983.9 *	2	0910	399	0.	314.6	985.7 *	3	0150	599	0.	314.8	985.7
1	1635	200	0.	253.2	983.9 *	2	0915	400	0.	314.7	985.7 *	3	0155	600	0.	314.8	985.7
					*						*						

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.00		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	49.92-HR
+ (AC-FT)	(HR)				
315.	38.67	315.	314.	222.	222.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	49.92-HR
+ (FEET)	(HR)				
985.71	38.08	985.71	985.70	982.20	982.20

CUMULATIVE AREA = 4.57 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	C	0.	.00	0.	0.	0.	.00		
+	HYDROGRAPH AT	2711	218.	12.00	16.	5.	2.	.11		
+	DIVERSION TO	2711RT	218.	12.08	10.	3.	1.	.11		
+	HYDROGRAPH AT	!2711T	153.	12.08	7.	2.	1.	.11		
+	HYDROGRAPH AT	254A	328.	12.08	28.	8.	4.	.20		
+	DIVERSION TO	254ART	328.	12.17	17.	5.	2.	.20		
+	HYDROGRAPH AT	!254AT	239.	12.17	13.	4.	2.	.20		
+	ROUTED TO	R254A	111.	12.50	13.	4.	2.	.20		
+									1016.18	12.50
+	2 COMBINED AT	CP2711	153.	12.17	20.	6.	3.	.31		
+	ROUTED TO	R2711	155.	12.17	20.	6.	3.	.31		
+									7.98	12.17
+	HYDROGRAPH AT	257	213.	13.42	66.	19.	9.	.34		
+	DIVERSION TO	257RET	213.	14.00	49.	13.	6.	.34		
+	HYDROGRAPH AT	!257OT	126.	14.00	21.	6.	3.	.34		
+	DIVERSION TO	DI271A	51.	14.00	4.	1.	0.	.34		
+	HYDROGRAPH AT	D257	74.	14.00	17.	5.	2.	.34		
+	ROUTED TO	R257	52.	15.42	17.	5.	2.	.34		
+									1024.17	15.42
+	HYDROGRAPH AT	256	301.	12.83	80.	23.	11.	.43		
+	DIVERSION TO	256RET	301.	13.33	56.	15.	7.	.43		

+	HYDROGRAPH AT	!256OT	199.	13.33	29.	8.	4.	.43		
+	2 COMBINED AT	CP256	199.	13.33	45.	13.	6.	.77		
+	HYDROGRAPH AT	SUB6	177.	12.17	18.	5.	2.	.10		
+	DIVERSION TO	SUB6RT	177.	12.33	13.	3.	2.	.10		
+	HYDROGRAPH AT	!SUB6T	127.	12.33	7.	2.	1.	.10		
+	HYDROGRAPH AT	SUB7	400.	12.17	34.	9.	4.	.24		
+	DIVERSION TO	SUB7RT	400.	12.33	23.	6.	3.	.24		
+	HYDROGRAPH AT	!SUB7T	255.	12.33	11.	3.	1.	.24		
+	DIVERSION TO	DI255A	127.	12.33	6.	1.	1.	.24		
+	HYDROGRAPH AT	D7	127.	12.33	6.	1.	1.	.24		
+	3 COMBINED AT	I2712	254.	12.33	55.	16.	8.	1.11		
+	ROUTED TO	R256	147.	13.75	53.	16.	8.	1.11		
+									7.39	13.75
+	HYDROGRAPH AT	271A	277.	12.58	58.	20.	9.	.24		
+	DIVERSION TO	217ART	277.	12.75	38.	11.	5.	.24		
+	HYDROGRAPH AT	!271AT	216.	12.75	29.	9.	4.	.24		
+	HYDROGRAPH AT	D257	51.	14.00	4.	1.	0.	.00		
+	ROUTED TO	R257	27.	14.67	4.	1.	0.	.00		
+									1004.05	14.67
+	2 COMBINED AT	CP271A	216.	12.75	32.	10.	5.	.24		
+	2 COMBINED AT	1I271A	311.	12.75	85.	26.	12.	1.35		
+	ROUTED TO	R271A	217.	13.08	84.	26.	12.	1.35		
+									8.41	13.08
+	HYDROGRAPH AT	255A	894.	12.25	89.	24.	12.	.60		
+	DIVERSION TO	255ART	894.	12.33	59.	15.	7.	.60		
+	HYDROGRAPH AT	!255AT	666.	12.33	34.	9.	4.	.60		
+	HYDROGRAPH AT	D7	127.	12.33	6.	1.	1.	.00		
+	2 COMBINED AT	CP255A	794.	12.33	40.	11.	5.	.60		
+	ROUTED TO	R255	598.	12.50	39.	11.	5.	.60		
+									8.38	12.50
+	ROUTED TO	R2712	500.	12.58	39.	11.	5.	.60		
+									8.06	12.58
+	HYDROGRAPH AT	2712	818.	12.17	99.	33.	16.	.46		
+	3 COMBINED AT	I2712	818.	12.17	209.	68.	33.	2.41		
+	ROUTED TO	SR271	552.	12.67	209.	68.	33.	2.41		
+									1010.35	12.67
+	ROUTED TO	R271	551.	12.67	208.	68.	33.	2.41		

+	2 COMBINED AT	MERGE	655.	12.58	229.	74.	36.	2.72		
+	ROUTED TO	R271_1	652.	12.58	229.	74.	36.	2.72		
+	HYDROGRAPH AT	270	532.	12.08	53.	16.	8.	.29		
+	DIVERSION TO	270RET	532.	12.25	35.	9.	5.	.29		
+	HYDROGRAPH AT	!270OT	399.	12.25	24.	7.	3.	.29		
+	2 COMBINED AT	CP2712	986.	12.25	252.	80.	39.	3.01		
+	ROUTED TO	R2712	885.	12.42	252.	80.	39.	3.01		
+									1003.88	12.42
+	HYDROGRAPH AT	289C	386.	12.17	42.	12.	6.	.30		
+	2 COMBINED AT	CP289C	1120.	12.42	291.	92.	44.	3.31		
+	ROUTED TO	R289C	927.	12.75	289.	92.	44.	3.31		
+									1004.98	12.75
+	HYDROGRAPH AT	289A	316.	12.17	33.	10.	5.	.21		
+	ROUTED TO	R289A	228.	12.50	33.	10.	5.	.21		
+									1003.86	12.50
+	HYDROGRAPH AT	289B	553.	12.08	49.	13.	6.	.29		
+	3 COMBINED AT	CP289B	1119.	12.67	365.	115.	56.	3.81		
+	ROUTED TO	SR289B	950.	12.92	365.	115.	56.	3.81		
+									1093.11	12.92
+	ROUTED TO	R289B	942.	13.00	364.	115.	56.	3.81		
+									1006.08	13.00
+	HYDROGRAPH AT	289D	376.	12.17	40.	12.	6.	.26		
+	2 COMBINED AT	CP289D	957.	13.00	401.	126.	61.	4.07		
+	ROUTED TO	SR289D	877.	13.25	400.	126.	61.	4.07		
+									1090.78	13.25
+	ROUTED TO	R289D	875.	13.33	400.	126.	61.	4.07		
+									1005.41	13.33
+	HYDROGRAPH AT	289	478.	12.17	47.	14.	7.	.27		
+	2 COMBINED AT	CP289	888.	13.33	443.	140.	68.	4.34		
+	ROUTED TO	SR289	838.	13.67	442.	140.	68.	4.34		
+									1086.61	13.67
+	ROUTED TO	R289	837.	13.75	442.	140.	68.	4.34		
+									1005.35	13.75
+	HYDROGRAPH AT	!287C	308.	12.25	53.	17.	8.	.23		
+	2 COMBINED AT	CP287C	929.	12.42	491.	156.	76.	4.57		
+	ROUTED TO	!S287C	0.	.00	0.	0.	0.	4.57		
+									985.71	38.08
1										

SUMMARY OF KINEMATIC WAVE - MUSKINGUM-CUNGE ROUTING
(FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)

ISTAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	DT	INTERPOLATED TO COMPUTATION INTERVAL PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)

```
          R271  MANE        1.32    551.50    759.83      1.06      5.00    551.13    760.00        1.06

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1356E+03 EXCESS= .0000E+00 OUTFLOW= .1356E+03 BASIN STORAGE= .1008E-03 PERCENT ERROR=    .0

          R271_1  MANE        1.23    652.98    755.84      1.01      5.00    652.38    755.00        1.01

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1468E+03 EXCESS= .0000E+00 OUTFLOW= .1468E+03 BASIN STORAGE= .9330E-04 PERCENT ERROR=    .0


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

Appendix E

HEC-1 Model

287DPB

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*              JUN   1998               *
*            VERSION 4.1                *
*                                       *
*  RUN DATE   09JUL07  TIME  14:30:06   *
*                                       *
*****************************************
```

```
*****************************************
*                                       *
*    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         10 - 23 - 0 1
  2           ID
  3           ID        **DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING   **
  4           ID        **WATERSHED SUB BASINS                                    **
  5           ID
  6           ID        **BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL**
  7           ID
  8           ID                                        REVISED BY URS     DATE: 05-17-07
  9           ID                                                           FILE: 287DPB.DAT
 10           ID
              *DIAGRAM
 11           IT       5                    600
 12           IO       5
 13           IN      15

 14           KK       D
 15           PB    3.79
 16           PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 17           PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 18           PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 19           PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 20           PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 21           PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
 22           PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 23           PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 24           PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 25           PC    .983    .986    .989    .992    .995    .998   1.00   1.000   1.000   1.000

 26           KK   !287D
 27           KO       1                              22
 28           KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287D
 29           BA     .23
 30           LG     .50     .00    6.00    0.28    56.7
 31           UI     16.     16.     44.     67.     82.     94.    110.    130.    174.    200.
 32           UI    159.    135.    117.     98.     83.     68.     48.     28.     27.     22.
 33           UI     16.     14.      5.      5.      5.      5.      5.      5.      5.      0.
 34           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 35           UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 36           KK  !S287D
 37           KO       1                              21
 38           KM        STORAGE ROUTE CP287D IN AN I-10 DETENTION BASIN
 39           RS       1    STOR       0       0
 40           SV       0       0     .09   27.21   56.67   89.02  164.15  207.04
 41           SE   970.5     974     976     978     980     982     986     988
 42           SQ       0       1       0       0       0       0
 43           SE   970.5     974     980     988     990   990.5
 44           ZZ
```

1

SCHEMATIC DIAGRAM OF STREAM NETWORK

```
INPUT
 LINE      (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

  NO.      (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   26      !287D
               V
               V
   36      !S287D
```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1*************************************
*                                   *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN  1998            *
*           VERSION 4.1             *
*                                   *
*  RUN DATE   09JUL07  TIME  14:30:06  *
*                                   *
*************************************
```

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

```
                    10 - 23 - 0 1

                    **DEVELOPED CONDITION MODEL - RETENTION IN CONTRIBUTING   **
                    **WATERSHED SUB BASINS                                    **

                    **BASED ON THE DRAFT EXISITNG CONDITION HDYROLOGY MODEL**

                                                REVISED BY URS     DATE: 05-17-07
                                                                   FILE: GOODREVD.DAT

 12 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        600  NUMBER OF HYDROGRAPH ORDINATES
                   NDDATE      3   0  ENDING DATE
                   NDTIME       0155  ENDING TIME
                    ICENT         19  CENTURY MARK

                 COMPUTATION INTERVAL     .08 HOURS
                      TOTAL TIME BASE   49.92 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


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


            **************
            *            *
 26 KK      *     !287D  *
            *            *
            **************

 27 KO        OUTPUT CONTROL VARIABLES
                    IPRNT          1  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE
                    IPNCH          0  PUNCH COMPUTED HYDROGRAPH
                     IOUT         22  SAVE HYDROGRAPH ON THIS UNIT
                    ISAV1          1  FIRST ORDINATE PUNCHED OR SAVED
                    ISAV2        600  LAST ORDINATE PUNCHED OR SAVED
                   TIMINT       .083  TIME INTERVAL IN HOURS

                          RUNOFF HYDROGRAPH FROM SUB-BASIN 287D

            SUBBASIN RUNOFF DATA

 29 BA        SUBBASIN CHARACTERISTICS
                    TAREA        .23  SUBBASIN AREA

              PRECIPITATION DATA

 15 PB              STORM       3.79  BASIN TOTAL PRECIPITATION

 16 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
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00       .00       .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
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

```
30 LG          GREEN AND AMPT LOSS RATE
                    STRTL        .50  STARTING LOSS
                      DTH        .00  MOISTURE DEFICIT
                     PSIF       6.00  WETTING FRONT SUCTION
                    XKSAT        .28  HYDRAULIC CONDUCTIVITY
                    RTIMP      56.70  PERCENT IMPERVIOUS AREA

28 UI          INPUT UNITGRAPH,  29 ORDINATES,  VOLUME = 1.00
                 16.0      16.0      44.0      67.0      82.0      94.0     110.0     130.0     174.0     200.0
                159.0     135.0     117.0      98.0      83.0      68.0      48.0      28.0      27.0      22.0
                 16.0      14.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0
```

***

****

HYDROGRAPH AT STATION !287D

****

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1		0000	1	.00	.00	.00	0.	*	2		0100	301	.00	.00	.00	1.
1		0005	2	.00	.00	.00	0.	*	2		0105	302	.00	.00	.00	1.
1		0010	3	.00	.00	.00	0.	*	2		0110	303	.00	.00	.00	1.
1		0015	4	.00	.00	.00	0.	*	2		0115	304	.00	.00	.00	0.
1		0020	5	.00	.00	.00	0.	*	2		0120	305	.00	.00	.00	0.
1		0025	6	.00	.00	.00	0.	*	2		0125	306	.00	.00	.00	0.
1		0030	7	.00	.00	.00	1.	*	2		0130	307	.00	.00	.00	0.
1		0035	8	.00	.00	.00	1.	*	2		0135	308	.00	.00	.00	0.
1		0040	9	.00	.00	.00	1.	*	2		0140	309	.00	.00	.00	0.
1		0045	10	.00	.00	.00	1.	*	2		0145	310	.00	.00	.00	0.
1		0050	11	.00	.00	.00	2.	*	2		0150	311	.00	.00	.00	0.
1		0055	12	.00	.00	.00	2.	*	2		0155	312	.00	.00	.00	0.
1		0100	13	.00	.00	.00	2.	*	2		0200	313	.00	.00	.00	0.
1		0105	14	.00	.00	.00	3.	*	2		0205	314	.00	.00	.00	0.
1		0110	15	.00	.00	.00	3.	*	2		0210	315	.00	.00	.00	0.
1		0115	16	.00	.00	.00	3.	*	2		0215	316	.00	.00	.00	0.
1		0120	17	.00	.00	.00	3.	*	2		0220	317	.00	.00	.00	0.
1		0125	18	.00	.00	.00	3.	*	2		0225	318	.00	.00	.00	0.
1		0130	19	.00	.00	.00	3.	*	2		0230	319	.00	.00	.00	0.
1		0135	20	.00	.00	.00	4.	*	2		0235	320	.00	.00	.00	0.
1		0140	21	.00	.00	.00	4.	*	2		0240	321	.00	.00	.00	0.
1		0145	22	.00	.00	.00	4.	*	2		0245	322	.00	.00	.00	0.
1		0150	23	.00	.00	.00	4.	*	2		0250	323	.00	.00	.00	0.
1		0155	24	.00	.00	.00	4.	*	2		0255	324	.00	.00	.00	0.
1		0200	25	.00	.00	.00	4.	*	2		0300	325	.00	.00	.00	0.
1		0205	26	.00	.00	.00	4.	*	2		0305	326	.00	.00	.00	0.
1		0210	27	.00	.00	.00	4.	*	2		0310	327	.00	.00	.00	0.
1		0215	28	.00	.00	.00	4.	*	2		0315	328	.00	.00	.00	0.
1		0220	29	.00	.00	.00	4.	*	2		0320	329	.00	.00	.00	0.
1		0225	30	.00	.00	.00	4.	*	2		0325	330	.00	.00	.00	0.
1		0230	31	.00	.00	.00	4.	*	2		0330	331	.00	.00	.00	0.
1		0235	32	.00	.00	.00	4.	*	2		0335	332	.00	.00	.00	0.
1		0240	33	.00	.00	.00	4.	*	2		0340	333	.00	.00	.00	0.
1		0245	34	.00	.00	.00	4.	*	2		0345	334	.00	.00	.00	0.
1		0250	35	.00	.00	.00	4.	*	2		0350	335	.00	.00	.00	0.
1		0255	36	.00	.00	.00	4.	*	2		0355	336	.00	.00	.00	0.
1		0300	37	.00	.00	.00	4.	*	2		0400	337	.00	.00	.00	0.
1		0305	38	.00	.00	.00	4.	*	2		0405	338	.00	.00	.00	0.
1		0310	39	.00	.00	.00	4.	*	2		0410	339	.00	.00	.00	0.
1		0315	40	.00	.00	.00	4.	*	2		0415	340	.00	.00	.00	0.
1		0320	41	.00	.00	.00	4.	*	2		0420	341	.00	.00	.00	0.
1		0325	42	.00	.00	.00	4.	*	2		0425	342	.00	.00	.00	0.
1		0330	43	.00	.00	.00	4.	*	2		0430	343	.00	.00	.00	0.
1		0335	44	.00	.00	.00	4.	*	2		0435	344	.00	.00	.00	0.
1		0340	45	.00	.00	.00	4.	*	2		0440	345	.00	.00	.00	0.
1		0345	46	.00	.00	.00	4.	*	2		0445	346	.00	.00	.00	0.
1		0350	47	.01	.00	.00	4.	*	2		0450	347	.00	.00	.00	0.
1		0355	48	.01	.00	.00	4.	*	2		0455	348	.00	.00	.00	0.
1		0400	49	.01	.00	.00	4.	*	2		0500	349	.00	.00	.00	0.
1		0405	50	.01	.00	.00	4.	*	2		0505	350	.00	.00	.00	0.
1		0410	51	.01	.00	.00	4.	*	2		0510	351	.00	.00	.00	0.
1		0415	52	.01	.00	.00	4.	*	2		0515	352	.00	.00	.00	0.
1		0420	53	.01	.00	.00	4.	*	2		0520	353	.00	.00	.00	0.
1		0425	54	.01	.00	.00	4.	*	2		0525	354	.00	.00	.00	0.
1		0430	55	.01	.00	.00	4.	*	2		0530	355	.00	.00	.00	0.
1		0435	56	.01	.00	.00	4.	*	2		0535	356	.00	.00	.00	0.
1		0440	57	.01	.00	.00	5.	*	2		0540	357	.00	.00	.00	0.
1		0445	58	.01	.00	.00	5.	*	2		0545	358	.00	.00	.00	0.
1		0450	59	.01	.00	.00	5.	*	2		0550	359	.00	.00	.00	0.
1		0455	60	.01	.00	.00	5.	*	2		0555	360	.00	.00	.00	0.
1		0500	61	.01	.00	.00	5.	*	2		0600	361	.00	.00	.00	0.
1		0505	62	.01	.00	.00	5.	*	2		0605	362	.00	.00	.00	0.

1	0510	63	.01	.00	.00	5.	*	2	0610	363	.00	.00	.00	0.
1	0515	64	.01	.00	.00	5.	*	2	0615	364	.00	.00	.00	0.
1	0520	65	.01	.00	.00	5.	*	2	0620	365	.00	.00	.00	0.
1	0525	66	.01	.00	.00	5.	*	2	0625	366	.00	.00	.00	0.
1	0530	67	.01	.00	.00	5.	*	2	0630	367	.00	.00	.00	0.
1	0535	68	.01	.00	.00	5.	*	2	0635	368	.00	.00	.00	0.
1	0540	69	.01	.00	.00	5.	*	2	0640	369	.00	.00	.00	0.
1	0545	70	.01	.00	.00	5.	*	2	0645	370	.00	.00	.00	0.
1	0550	71	.01	.00	.00	5.	*	2	0650	371	.00	.00	.00	0.
1	0555	72	.01	.00	.00	5.	*	2	0655	372	.00	.00	.00	0.
1	0600	73	.01	.00	.00	5.	*	2	0700	373	.00	.00	.00	0.
1	0605	74	.01	.00	.00	5.	*	2	0705	374	.00	.00	.00	0.
1	0610	75	.01	.00	.00	5.	*	2	0710	375	.00	.00	.00	0.
1	0615	76	.01	.00	.00	5.	*	2	0715	376	.00	.00	.00	0.
1	0620	77	.01	.00	.00	5.	*	2	0720	377	.00	.00	.00	0.
1	0625	78	.01	.00	.00	5.	*	2	0725	378	.00	.00	.00	0.
1	0630	79	.01	.00	.00	5.	*	2	0730	379	.00	.00	.00	0.
1	0635	80	.01	.00	.00	5.	*	2	0735	380	.00	.00	.00	0.
1	0640	81	.01	.00	.00	6.	*	2	0740	381	.00	.00	.00	0.
1	0645	82	.01	.00	.00	6.	*	2	0745	382	.00	.00	.00	0.
1	0650	83	.01	.00	.00	6.	*	2	0750	383	.00	.00	.00	0.
1	0655	84	.01	.00	.00	6.	*	2	0755	384	.00	.00	.00	0.
1	0700	85	.01	.00	.00	6.	*	2	0800	385	.00	.00	.00	0.
1	0705	86	.01	.00	.00	6.	*	2	0805	386	.00	.00	.00	0.
1	0710	87	.01	.00	.00	6.	*	2	0810	387	.00	.00	.00	0.
1	0715	88	.01	.00	.00	6.	*	2	0815	388	.00	.00	.00	0.
1	0720	89	.01	.00	.00	6.	*	2	0820	389	.00	.00	.00	0.
1	0725	90	.01	.00	.00	6.	*	2	0825	390	.00	.00	.00	0.
1	0730	91	.01	.00	.00	6.	*	2	0830	391	.00	.00	.00	0.
1	0735	92	.01	.00	.00	6.	*	2	0835	392	.00	.00	.00	0.
1	0740	93	.01	.00	.00	6.	*	2	0840	393	.00	.00	.00	0.
1	0745	94	.01	.00	.00	6.	*	2	0845	394	.00	.00	.00	0.
1	0750	95	.01	.00	.00	6.	*	2	0850	395	.00	.00	.00	0.
1	0755	96	.01	.00	.00	6.	*	2	0855	396	.00	.00	.00	0.
1	0800	97	.01	.00	.00	6.	*	2	0900	397	.00	.00	.00	0.
1	0805	98	.01	.00	.00	6.	*	2	0905	398	.00	.00	.00	0.
1	0810	99	.01	.00	.00	6.	*	2	0910	399	.00	.00	.00	0.
1	0815	100	.01	.00	.00	6.	*	2	0915	400	.00	.00	.00	0.
1	0820	101	.01	.00	.01	6.	*	2	0920	401	.00	.00	.00	0.
1	0825	102	.01	.00	.01	7.	*	2	0925	402	.00	.00	.00	0.
1	0830	103	.01	.00	.01	7.	*	2	0930	403	.00	.00	.00	0.
1	0835	104	.01	.00	.01	7.	*	2	0935	404	.00	.00	.00	0.
1	0840	105	.01	.00	.01	7.	*	2	0940	405	.00	.00	.00	0.
1	0845	106	.01	.00	.01	7.	*	2	0945	406	.00	.00	.00	0.
1	0850	107	.01	.00	.01	7.	*	2	0950	407	.00	.00	.00	0.
1	0855	108	.01	.00	.01	8.	*	2	0955	408	.00	.00	.00	0.
1	0900	109	.01	.00	.01	8.	*	2	1000	409	.00	.00	.00	0.
1	0905	110	.01	.00	.01	8.	*	2	1005	410	.00	.00	.00	0.
1	0910	111	.01	.00	.01	8.	*	2	1010	411	.00	.00	.00	0.
1	0915	112	.01	.00	.01	8.	*	2	1015	412	.00	.00	.00	0.
1	0920	113	.01	.00	.01	9.	*	2	1020	413	.00	.00	.00	0.
1	0925	114	.01	.00	.01	9.	*	2	1025	414	.00	.00	.00	0.
1	0930	115	.01	.00	.01	9.	*	2	1030	415	.00	.00	.00	0.
1	0935	116	.01	.00	.01	9.	*	2	1035	416	.00	.00	.00	0.
1	0940	117	.01	.00	.01	9.	*	2	1040	417	.00	.00	.00	0.
1	0945	118	.01	.00	.01	9.	*	2	1045	418	.00	.00	.00	0.
1	0950	119	.01	.00	.01	10.	*	2	1050	419	.00	.00	.00	0.
1	0955	120	.01	.00	.01	10.	*	2	1055	420	.00	.00	.00	0.
1	1000	121	.01	.00	.01	10.	*	2	1100	421	.00	.00	.00	0.
1	1005	122	.01	.01	.01	10.	*	2	1105	422	.00	.00	.00	0.
1	1010	123	.01	.01	.01	10.	*	2	1110	423	.00	.00	.00	0.
1	1015	124	.01	.01	.01	11.	*	2	1115	424	.00	.00	.00	0.
1	1020	125	.02	.01	.01	11.	*	2	1120	425	.00	.00	.00	0.
1	1025	126	.02	.01	.01	11.	*	2	1125	426	.00	.00	.00	0.
1	1030	127	.02	.01	.01	11.	*	2	1130	427	.00	.00	.00	0.
1	1035	128	.02	.01	.01	12.	*	2	1135	428	.00	.00	.00	0.
1	1040	129	.02	.01	.01	12.	*	2	1140	429	.00	.00	.00	0.
1	1045	130	.02	.01	.01	12.	*	2	1145	430	.00	.00	.00	0.
1	1050	131	.02	.01	.01	13.	*	2	1150	431	.00	.00	.00	0.
1	1055	132	.02	.01	.01	14.	*	2	1155	432	.00	.00	.00	0.
1	1100	133	.02	.01	.01	14.	*	2	1200	433	.00	.00	.00	0.
1	1105	134	.03	.01	.02	15.	*	2	1205	434	.00	.00	.00	0.
1	1110	135	.03	.01	.02	16.	*	2	1210	435	.00	.00	.00	0.
1	1115	136	.03	.01	.02	17.	*	2	1215	436	.00	.00	.00	0.
1	1120	137	.03	.01	.02	18.	*	2	1220	437	.00	.00	.00	0.
1	1125	138	.03	.01	.02	19.	*	2	1225	438	.00	.00	.00	0.
1	1130	139	.03	.01	.02	21.	*	2	1230	439	.00	.00	.00	0.
1	1135	140	.13	.01	.12	24.	*	2	1235	440	.00	.00	.00	0.
1	1140	141	.13	.01	.12	27.	*	2	1240	441	.00	.00	.00	0.
1	1145	142	.13	.01	.12	33.	*	2	1245	442	.00	.00	.00	0.
1	1150	143	.35	.01	.34	45.	*	2	1250	443	.00	.00	.00	0.
1	1155	144	.35	.01	.34	58.	*	2	1255	444	.00	.00	.00	0.
1	1200	145	.35	.01	.34	79.	*	2	1300	445	.00	.00	.00	0.
1	1205	146	.06	.01	.05	102.	*	2	1305	446	.00	.00	.00	0.
1	1210	147	.06	.01	.05	129.	*	2	1310	447	.00	.00	.00	0.
1	1215	148	.06	.01	.05	155.	*	2	1315	448	.00	.00	.00	0.
1	1220	149	.04	.01	.03	180.	*	2	1320	449	.00	.00	.00	0.
1	1225	150	.04	.01	.03	200.	*	2	1325	450	.00	.00	.00	0.
1	1230	151	.04	.01	.03	223.	*	2	1330	451	.00	.00	.00	0.
1	1235	152	.03	.01	.02	245.	*	2	1335	452	.00	.00	.00	0.
1	1240	153	.03	.01	.02	250.	*	2	1340	453	.00	.00	.00	0.
1	1245	154	.03	.01	.02	235.	*	2	1345	454	.00	.00	.00	0.
1	1250	155	.02	.01	.01	206.	*	2	1350	455	.00	.00	.00	0.
1	1255	156	.02	.01	.01	182.	*	2	1355	456	.00	.00	.00	0.
1	1300	157	.02	.01	.01	159.	*	2	1400	457	.00	.00	.00	0.
1	1305	158	.02	.01	.01	137.	*	2	1405	458	.00	.00	.00	0.
1	1310	159	.02	.01	.01	117.	*	2	1410	459	.00	.00	.00	0.
1	1315	160	.02	.01	.01	95.	*	2	1415	460	.00	.00	.00	0.
1	1320	161	.02	.01	.01	78.	*	2	1420	461	.00	.00	.00	0.

1	1325	162	.02	.01	.01	66.	*	2	1425	462	.00	.00	.00	0.
1	1330	163	.02	.01	.01	58.	*	2	1430	463	.00	.00	.00	0.
1	1335	164	.01	.01	.01	49.	*	2	1435	464	.00	.00	.00	0.
1	1340	165	.01	.01	.01	42.	*	2	1440	465	.00	.00	.00	0.
1	1345	166	.01	.01	.01	36.	*	2	1445	466	.00	.00	.00	0.
1	1350	167	.01	.01	.01	31.	*	2	1450	467	.00	.00	.00	0.
1	1355	168	.01	.01	.01	29.	*	2	1455	468	.00	.00	.00	0.
1	1400	169	.01	.01	.01	27.	*	2	1500	469	.00	.00	.00	0.
1	1405	170	.01	.00	.01	25.	*	2	1505	470	.00	.00	.00	0.
1	1410	171	.01	.00	.01	24.	*	2	1510	471	.00	.00	.00	0.
1	1415	172	.01	.00	.01	21.	*	2	1515	472	.00	.00	.00	0.
1	1420	173	.01	.00	.01	19.	*	2	1520	473	.00	.00	.00	0.
1	1425	174	.01	.00	.01	16.	*	2	1525	474	.00	.00	.00	0.
1	1430	175	.01	.00	.01	15.	*	2	1530	475	.00	.00	.00	0.
1	1435	176	.01	.00	.01	14.	*	2	1535	476	.00	.00	.00	0.
1	1440	177	.01	.00	.01	14.	*	2	1540	477	.00	.00	.00	0.
1	1445	178	.01	.00	.01	13.	*	2	1545	478	.00	.00	.00	0.
1	1450	179	.01	.00	.01	13.	*	2	1550	479	.00	.00	.00	0.
1	1455	180	.01	.00	.01	12.	*	2	1555	480	.00	.00	.00	0.
1	1500	181	.01	.00	.01	12.	*	2	1600	481	.00	.00	.00	0.
1	1505	182	.01	.00	.01	11.	*	2	1605	482	.00	.00	.00	0.
1	1510	183	.01	.00	.01	11.	*	2	1610	483	.00	.00	.00	0.
1	1515	184	.01	.00	.01	10.	*	2	1615	484	.00	.00	.00	0.
1	1520	185	.01	.00	.00	10.	*	2	1620	485	.00	.00	.00	0.
1	1525	186	.01	.00	.00	10.	*	2	1625	486	.00	.00	.00	0.
1	1530	187	.01	.00	.00	10.	*	2	1630	487	.00	.00	.00	0.
1	1535	188	.01	.00	.00	9.	*	2	1635	488	.00	.00	.00	0.
1	1540	189	.01	.00	.00	9.	*	2	1640	489	.00	.00	.00	0.
1	1545	190	.01	.00	.00	9.	*	2	1645	490	.00	.00	.00	0.
1	1550	191	.01	.00	.00	9.	*	2	1650	491	.00	.00	.00	0.
1	1555	192	.01	.00	.00	9.	*	2	1655	492	.00	.00	.00	0.
1	1600	193	.01	.00	.00	9.	*	2	1700	493	.00	.00	.00	0.
1	1605	194	.01	.00	.00	8.	*	2	1705	494	.00	.00	.00	0.
1	1610	195	.01	.00	.00	8.	*	2	1710	495	.00	.00	.00	0.
1	1615	196	.01	.00	.00	8.	*	2	1715	496	.00	.00	.00	0.
1	1620	197	.01	.00	.00	8.	*	2	1720	497	.00	.00	.00	0.
1	1625	198	.01	.00	.00	8.	*	2	1725	498	.00	.00	.00	0.
1	1630	199	.01	.00	.00	8.	*	2	1730	499	.00	.00	.00	0.
1	1635	200	.01	.00	.00	8.	*	2	1735	500	.00	.00	.00	0.
1	1640	201	.01	.00	.00	8.	*	2	1740	501	.00	.00	.00	0.
1	1645	202	.01	.00	.00	8.	*	2	1745	502	.00	.00	.00	0.
1	1650	203	.01	.00	.00	8.	*	2	1750	503	.00	.00	.00	0.
1	1655	204	.01	.00	.00	8.	*	2	1755	504	.00	.00	.00	0.
1	1700	205	.01	.00	.00	7.	*	2	1800	505	.00	.00	.00	0.
1	1705	206	.01	.00	.00	7.	*	2	1805	506	.00	.00	.00	0.
1	1710	207	.01	.00	.00	7.	*	2	1810	507	.00	.00	.00	0.
1	1715	208	.01	.00	.00	7.	*	2	1815	508	.00	.00	.00	0.
1	1720	209	.01	.00	.00	7.	*	2	1820	509	.00	.00	.00	0.
1	1725	210	.01	.00	.00	7.	*	2	1825	510	.00	.00	.00	0.
1	1730	211	.01	.00	.00	7.	*	2	1830	511	.00	.00	.00	0.
1	1735	212	.01	.00	.00	7.	*	2	1835	512	.00	.00	.00	0.
1	1740	213	.01	.00	.00	7.	*	2	1840	513	.00	.00	.00	0.
1	1745	214	.01	.00	.00	7.	*	2	1845	514	.00	.00	.00	0.
1	1750	215	.01	.00	.00	7.	*	2	1850	515	.00	.00	.00	0.
1	1755	216	.01	.00	.00	6.	*	2	1855	516	.00	.00	.00	0.
1	1800	217	.01	.00	.00	6.	*	2	1900	517	.00	.00	.00	0.
1	1805	218	.01	.00	.00	6.	*	2	1905	518	.00	.00	.00	0.
1	1810	219	.01	.00	.00	6.	*	2	1910	519	.00	.00	.00	0.
1	1815	220	.01	.00	.00	6.	*	2	1915	520	.00	.00	.00	0.
1	1820	221	.01	.00	.00	6.	*	2	1920	521	.00	.00	.00	0.
1	1825	222	.01	.00	.00	6.	*	2	1925	522	.00	.00	.00	0.
1	1830	223	.01	.00	.00	6.	*	2	1930	523	.00	.00	.00	0.
1	1835	224	.01	.00	.00	6.	*	2	1935	524	.00	.00	.00	0.
1	1840	225	.01	.00	.00	6.	*	2	1940	525	.00	.00	.00	0.
1	1845	226	.01	.00	.00	6.	*	2	1945	526	.00	.00	.00	0.
1	1850	227	.01	.00	.00	5.	*	2	1950	527	.00	.00	.00	0.
1	1855	228	.01	.00	.00	5.	*	2	1955	528	.00	.00	.00	0.
1	1900	229	.01	.00	.00	5.	*	2	2000	529	.00	.00	.00	0.
1	1905	230	.01	.00	.00	5.	*	2	2005	530	.00	.00	.00	0.
1	1910	231	.01	.00	.00	5.	*	2	2010	531	.00	.00	.00	0.
1	1915	232	.01	.00	.00	5.	*	2	2015	532	.00	.00	.00	0.
1	1920	233	.01	.00	.00	5.	*	2	2020	533	.00	.00	.00	0.
1	1925	234	.01	.00	.00	5.	*	2	2025	534	.00	.00	.00	0.
1	1930	235	.01	.00	.00	5.	*	2	2030	535	.00	.00	.00	0.
1	1935	236	.01	.00	.00	5.	*	2	2035	536	.00	.00	.00	0.
1	1940	237	.01	.00	.00	5.	*	2	2040	537	.00	.00	.00	0.
1	1945	238	.01	.00	.00	5.	*	2	2045	538	.00	.00	.00	0.
1	1950	239	.00	.00	.00	5.	*	2	2050	539	.00	.00	.00	0.
1	1955	240	.00	.00	.00	5.	*	2	2055	540	.00	.00	.00	0.
1	2000	241	.00	.00	.00	5.	*	2	2100	541	.00	.00	.00	0.
1	2005	242	.00	.00	.00	5.	*	2	2105	542	.00	.00	.00	0.
1	2010	243	.00	.00	.00	5.	*	2	2110	543	.00	.00	.00	0.
1	2015	244	.00	.00	.00	5.	*	2	2115	544	.00	.00	.00	0.
1	2020	245	.00	.00	.00	5.	*	2	2120	545	.00	.00	.00	0.
1	2025	246	.00	.00	.00	5.	*	2	2125	546	.00	.00	.00	0.
1	2030	247	.00	.00	.00	5.	*	2	2130	547	.00	.00	.00	0.
1	2035	248	.00	.00	.00	4.	*	2	2135	548	.00	.00	.00	0.
1	2040	249	.00	.00	.00	4.	*	2	2140	549	.00	.00	.00	0.
1	2045	250	.00	.00	.00	4.	*	2	2145	550	.00	.00	.00	0.
1	2050	251	.00	.00	.00	4.	*	2	2150	551	.00	.00	.00	0.
1	2055	252	.00	.00	.00	4.	*	2	2155	552	.00	.00	.00	0.
1	2100	253	.00	.00	.00	4.	*	2	2200	553	.00	.00	.00	0.
1	2105	254	.00	.00	.00	4.	*	2	2205	554	.00	.00	.00	0.
1	2110	255	.00	.00	.00	4.	*	2	2210	555	.00	.00	.00	0.
1	2115	256	.00	.00	.00	4.	*	2	2215	556	.00	.00	.00	0.
1	2120	257	.00	.00	.00	4.	*	2	2220	557	.00	.00	.00	0.
1	2125	258	.00	.00	.00	4.	*	2	2225	558	.00	.00	.00	0.
1	2130	259	.00	.00	.00	4.	*	2	2230	559	.00	.00	.00	0.
1	2135	260	.00	.00	.00	4.	*	2	2235	560	.00	.00	.00	0.

1	2140	261	.00	.00	.00	4.	*	2	2240	561	.00	.00	.00	0.
1	2145	262	.00	.00	.00	4.	*	2	2245	562	.00	.00	.00	0.
1	2150	263	.00	.00	.00	4.	*	2	2250	563	.00	.00	.00	0.
1	2155	264	.00	.00	.00	4.	*	2	2255	564	.00	.00	.00	0.
1	2200	265	.00	.00	.00	4.	*	2	2300	565	.00	.00	.00	0.
1	2205	266	.00	.00	.00	4.	*	2	2305	566	.00	.00	.00	0.
1	2210	267	.00	.00	.00	4.	*	2	2310	567	.00	.00	.00	0.
1	2215	268	.00	.00	.00	4.	*	2	2315	568	.00	.00	.00	0.
1	2220	269	.00	.00	.00	4.	*	2	2320	569	.00	.00	.00	0.
1	2225	270	.00	.00	.00	4.	*	2	2325	570	.00	.00	.00	0.
1	2230	271	.00	.00	.00	4.	*	2	2330	571	.00	.00	.00	0.
1	2235	272	.00	.00	.00	4.	*	2	2335	572	.00	.00	.00	0.
1	2240	273	.00	.00	.00	4.	*	2	2340	573	.00	.00	.00	0.
1	2245	274	.00	.00	.00	4.	*	2	2345	574	.00	.00	.00	0.
1	2250	275	.00	.00	.00	4.	*	2	2350	575	.00	.00	.00	0.
1	2255	276	.00	.00	.00	4.	*	2	2355	576	.00	.00	.00	0.
1	2300	277	.00	.00	.00	4.	*	3	0000	577	.00	.00	.00	0.
1	2305	278	.00	.00	.00	4.	*	3	0005	578	.00	.00	.00	0.
1	2310	279	.00	.00	.00	4.	*	3	0010	579	.00	.00	.00	0.
1	2315	280	.00	.00	.00	4.	*	3	0015	580	.00	.00	.00	0.
1	2320	281	.00	.00	.00	4.	*	3	0020	581	.00	.00	.00	0.
1	2325	282	.00	.00	.00	4.	*	3	0025	582	.00	.00	.00	0.
1	2330	283	.00	.00	.00	4.	*	3	0030	583	.00	.00	.00	0.
1	2335	284	.00	.00	.00	4.	*	3	0035	584	.00	.00	.00	0.
1	2340	285	.00	.00	.00	4.	*	3	0040	585	.00	.00	.00	0.
1	2345	286	.00	.00	.00	4.	*	3	0045	586	.00	.00	.00	0.
1	2350	287	.00	.00	.00	4.	*	3	0050	587	.00	.00	.00	0.
1	2355	288	.00	.00	.00	4.	*	3	0055	588	.00	.00	.00	0.
2	0000	289	.00	.00	.00	4.	*	3	0100	589	.00	.00	.00	0.
2	0005	290	.00	.00	.00	4.	*	3	0105	590	.00	.00	.00	0.
2	0010	291	.00	.00	.00	4.	*	3	0110	591	.00	.00	.00	0.
2	0015	292	.00	.00	.00	3.	*	3	0115	592	.00	.00	.00	0.
2	0020	293	.00	.00	.00	3.	*	3	0120	593	.00	.00	.00	0.
2	0025	294	.00	.00	.00	3.	*	3	0125	594	.00	.00	.00	0.
2	0030	295	.00	.00	.00	3.	*	3	0130	595	.00	.00	.00	0.
2	0035	296	.00	.00	.00	3.	*	3	0135	596	.00	.00	.00	0.
2	0040	297	.00	.00	.00	2.	*	3	0140	597	.00	.00	.00	0.
2	0045	298	.00	.00	.00	2.	*	3	0145	598	.00	.00	.00	0.
2	0050	299	.00	.00	.00	2.	*	3	0150	599	.00	.00	.00	0.
2	0055	300	.00	.00	.00	1.	*	3	0155	600	.00	.00	.00	0.
							*							

****

TOTAL RAINFALL = 3.79, TOTAL LOSS = 1.00, TOTAL EXCESS = 2.79

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 250.	12.67		54.	17.	8.	8.
		(INCHES)	2.168	2.790	2.796	2.796
		(AC-FT)	27.	34.	34.	34.

CUMULATIVE AREA = .23 SQ MI

*** ***

```
              **************
              *            *
  36 KK       *   !S287D   *
              *            *
              **************

  37 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        600  LAST ORDINATE PUNCHED OR SAVED
                     TIMINT       .083  TIME INTERVAL IN HOURS

                              STORAGE ROUTE CP287D IN AN I-10 DETENTION BASIN

               HYDROGRAPH ROUTING DATA

  39 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP       STOR  TYPE OF INITIAL CONDITION
                     RSVRIC        .00  INITIAL CONDITION
                          X        .00 WORKING R AND D COEFFICIENT

  40 SV            STORAGE        .0       .0       .1      27.2     56.7     89.0    164.1    207.0

  41 SE          ELEVATION     970.50   974.00   976.00   978.00   980.00   982.00   986.00   988.00

  42 SQ          DISCHARGE       0.       1.

  43 SE          ELEVATION     970.50   974.00
                                                          ***

                                COMPUTED STORAGE-OUTFLOW-ELEVATION DATA
```

STORAGE	.00	.00	.09	27.21	56.67	89.02	164.15	207.04
OUTFLOW	.00	1.00	1.57	2.14	2.71	3.29	4.43	5.00
ELEVATION	970.50	974.00	976.00	978.00	980.00	982.00	986.00	988.00

****

HYDROGRAPH AT STATION !S287D

****

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	1.	.0	974.0	*	1		1640	201	2.	28.7	978.1	*	2		0920	401	2.	29.0	978.1
1		0005	2	0.	.0	970.5	*	1		1645	202	2.	28.8	978.1	*	2		0925	402	2.	29.0	978.1
1		0010	3	0.	.0	970.6	*	1		1650	203	2.	28.8	978.1	*	2		0930	403	2.	29.0	978.1
1		0015	4	0.	.0	970.8	*	1		1655	204	2.	28.9	978.1	*	2		0935	404	2.	28.9	978.1
1		0020	5	0.	.0	971.2	*	1		1700	205	2.	28.9	978.1	*	2		0940	405	2.	28.9	978.1
1		0025	6	0.	.0	971.6	*	1		1705	206	2.	28.9	978.1	*	2		0945	406	2.	28.9	978.1
1		0030	7	1.	.0	972.2	*	1		1710	207	2.	29.0	978.1	*	2		0950	407	2.	28.9	978.1
1		0035	8	1.	.0	972.9	*	1		1715	208	2.	29.0	978.1	*	2		0955	408	2.	28.9	978.1
1		0040	9	1.	.0	973.8	*	1		1720	209	2.	29.0	978.1	*	2		1000	409	2.	28.9	978.1
1		0045	10	1.	.0	974.0	*	1		1725	210	2.	29.1	978.1	*	2		1005	410	2.	28.9	978.1
1		0050	11	1.	.0	974.1	*	1		1730	211	2.	29.1	978.1	*	2		1010	411	2.	28.8	978.1
1		0055	12	1.	.0	974.2	*	1		1735	212	2.	29.1	978.1	*	2		1015	412	2.	28.8	978.1
1		0100	13	1.	.0	974.4	*	1		1740	213	2.	29.2	978.1	*	2		1020	413	2.	28.8	978.1
1		0105	14	1.	.0	974.6	*	1		1745	214	2.	29.2	978.1	*	2		1025	414	2.	28.8	978.1
1		0110	15	1.	.0	974.8	*	1		1750	215	2.	29.2	978.1	*	2		1030	415	2.	28.8	978.1
1		0115	16	1.	.0	975.1	*	1		1755	216	2.	29.3	978.1	*	2		1035	416	2.	28.8	978.1
1		0120	17	1.	.1	975.3	*	1		1800	217	2.	29.3	978.1	*	2		1040	417	2.	28.8	978.1
1		0125	18	1.	.1	975.6	*	1		1805	218	2.	29.3	978.1	*	2		1045	418	2.	28.7	978.1
1		0130	19	2.	.1	975.9	*	1		1810	219	2.	29.3	978.1	*	2		1050	419	2.	28.7	978.1
1		0135	20	2.	.1	976.0	*	1		1815	220	2.	29.4	978.1	*	2		1055	420	2.	28.7	978.1
1		0140	21	2.	.1	976.0	*	1		1820	221	2.	29.4	978.1	*	2		1100	421	2.	28.7	978.1
1		0145	22	2.	.1	976.0	*	1		1825	222	2.	29.4	978.2	*	2		1105	422	2.	28.7	978.1
1		0150	23	2.	.1	976.0	*	1		1830	223	2.	29.4	978.2	*	2		1110	423	2.	28.7	978.1
1		0155	24	2.	.2	976.0	*	1		1835	224	2.	29.5	978.2	*	2		1115	424	2.	28.6	978.1
1		0200	25	2.	.2	976.0	*	1		1840	225	2.	29.5	978.2	*	2		1120	425	2.	28.6	978.1
1		0205	26	2.	.2	976.0	*	1		1845	226	2.	29.5	978.2	*	2		1125	426	2.	28.6	978.1
1		0210	27	2.	.2	976.0	*	1		1850	227	2.	29.5	978.2	*	2		1130	427	2.	28.6	978.1
1		0215	28	2.	.2	976.0	*	1		1855	228	2.	29.6	978.2	*	2		1135	428	2.	28.6	978.1
1		0220	29	2.	.2	976.0	*	1		1900	229	2.	29.6	978.2	*	2		1140	429	2.	28.6	978.1
1		0225	30	2.	.2	976.0	*	1		1905	230	2.	29.6	978.2	*	2		1145	430	2.	28.6	978.1
1		0230	31	2.	.3	976.0	*	1		1910	231	2.	29.6	978.2	*	2		1150	431	2.	28.5	978.1
1		0235	32	2.	.3	976.0	*	1		1915	232	2.	29.7	978.2	*	2		1155	432	2.	28.5	978.1
1		0240	33	2.	.3	976.0	*	1		1920	233	2.	29.7	978.2	*	2		1200	433	2.	28.5	978.1
1		0245	34	2.	.3	976.0	*	1		1925	234	2.	29.7	978.2	*	2		1205	434	2.	28.5	978.1
1		0250	35	2.	.3	976.0	*	1		1930	235	2.	29.7	978.2	*	2		1210	435	2.	28.5	978.1
1		0255	36	2.	.3	976.0	*	1		1935	236	2.	29.7	978.2	*	2		1215	436	2.	28.5	978.1
1		0300	37	2.	.4	976.0	*	1		1940	237	2.	29.8	978.2	*	2		1220	437	2.	28.5	978.1
1		0305	38	2.	.4	976.0	*	1		1945	238	2.	29.8	978.2	*	2		1225	438	2.	28.4	978.1
1		0310	39	2.	.4	976.0	*	1		1950	239	2.	29.8	978.2	*	2		1230	439	2.	28.4	978.1
1		0315	40	2.	.4	976.0	*	1		1955	240	2.	29.8	978.2	*	2		1235	440	2.	28.4	978.1
1		0320	41	2.	.4	976.0	*	1		2000	241	2.	29.8	978.2	*	2		1240	441	2.	28.4	978.1
1		0325	42	2.	.4	976.0	*	1		2005	242	2.	29.9	978.2	*	2		1245	442	2.	28.4	978.1
1		0330	43	2.	.5	976.0	*	1		2010	243	2.	29.9	978.2	*	2		1250	443	2.	28.4	978.1
1		0335	44	2.	.5	976.0	*	1		2015	244	2.	29.9	978.2	*	2		1255	444	2.	28.3	978.1
1		0340	45	2.	.5	976.0	*	1		2020	245	2.	29.9	978.2	*	2		1300	445	2.	28.3	978.1
1		0345	46	2.	.5	976.0	*	1		2025	246	2.	29.9	978.2	*	2		1305	446	2.	28.3	978.1
1		0350	47	2.	.5	976.0	*	1		2030	247	2.	29.9	978.2	*	2		1310	447	2.	28.3	978.1
1		0355	48	2.	.5	976.0	*	1		2035	248	2.	30.0	978.2	*	2		1315	448	2.	28.3	978.1
1		0400	49	2.	.5	976.0	*	1		2040	249	2.	30.0	978.2	*	2		1320	449	2.	28.3	978.1
1		0405	50	2.	.6	976.0	*	1		2045	250	2.	30.0	978.2	*	2		1325	450	2.	28.3	978.1
1		0410	51	2.	.6	976.0	*	1		2050	251	2.	30.0	978.2	*	2		1330	451	2.	28.2	978.1
1		0415	52	2.	.6	976.0	*	1		2055	252	2.	30.0	978.2	*	2		1335	452	2.	28.2	978.1
1		0420	53	2.	.6	976.0	*	1		2100	253	2.	30.0	978.2	*	2		1340	453	2.	28.2	978.1
1		0425	54	2.	.6	976.0	*	1		2105	254	2.	30.0	978.2	*	2		1345	454	2.	28.2	978.1
1		0430	55	2.	.6	976.0	*	1		2110	255	2.	30.1	978.2	*	2		1350	455	2.	28.2	978.1
1		0435	56	2.	.7	976.0	*	1		2115	256	2.	30.1	978.2	*	2		1355	456	2.	28.2	978.1
1		0440	57	2.	.7	976.0	*	1		2120	257	2.	30.1	978.2	*	2		1400	457	2.	28.2	978.1
1		0445	58	2.	.7	976.0	*	1		2125	258	2.	30.1	978.2	*	2		1405	458	2.	28.1	978.1
1		0450	59	2.	.7	976.0	*	1		2130	259	2.	30.1	978.2	*	2		1410	459	2.	28.1	978.1
1		0455	60	2.	.8	976.0	*	1		2135	260	2.	30.1	978.2	*	2		1415	460	2.	28.1	978.1
1		0500	61	2.	.8	976.1	*	1		2140	261	2.	30.1	978.2	*	2		1420	461	2.	28.1	978.1
1		0505	62	2.	.8	976.1	*	1		2145	262	2.	30.1	978.2	*	2		1425	462	2.	28.1	978.1
1		0510	63	2.	.8	976.1	*	1		2150	263	2.	30.1	978.2	*	2		1430	463	2.	28.1	978.1
1		0515	64	2.	.8	976.1	*	1		2155	264	2.	30.2	978.2	*	2		1435	464	2.	28.0	978.1
1		0520	65	2.	.9	976.1	*	1		2200	265	2.	30.2	978.2	*	2		1440	465	2.	28.0	978.1
1		0525	66	2.	.9	976.1	*	1		2205	266	2.	30.2	978.2	*	2		1445	466	2.	28.0	978.1
1		0530	67	2.	.9	976.1	*	1		2210	267	2.	30.2	978.2	*	2		1450	467	2.	28.0	978.1
1		0535	68	2.	.9	976.1	*	1		2215	268	2.	30.2	978.2	*	2		1455	468	2.	28.0	978.1
1		0540	69	2.	1.0	976.1	*	1		2220	269	2.	30.2	978.2	*	2		1500	469	2.	28.0	978.1
1		0545	70	2.	1.0	976.1	*	1		2225	270	2.	30.2	978.2	*	2		1505	470	2.	28.0	978.1
1		0550	71	2.	1.0	976.1	*	1		2230	271	2.	30.2	978.2	*	2		1510	471	2.	27.9	978.0
1		0555	72	2.	1.0	976.1	*	1		2235	272	2.	30.2	978.2	*	2		1515	472	2.	27.9	978.0
1		0600	73	2.	1.1	976.1	*	1		2240	273	2.	30.3	978.2	*	2		1520	473	2.	27.9	978.0
1		0605	74	2.	1.1	976.1	*	1		2245	274	2.	30.3	978.2	*	2		1525	474	2.	27.9	978.0
1		0610	75	2.	1.1	976.1	*	1		2250	275	2.	30.3	978.2	*	2		1530	475	2.	27.9	978.0
1		0615	76	2.	1.1	976.1	*	1		2255	276	2.	30.3	978.2	*	2		1535	476	2.	27.9	978.0
1		0620	77	2.	1.2	976.1	*	1		2300	277	2.	30.3	978.2	*	2		1540	477	2.	27.9	978.0
1		0625	78	2.	1.2	976.1	*	1		2305	278	2.	30.3	978.2	*	2		1545	478	2.	27.8	978.0
1		0630	79	2.	1.2	976.1	*	1		2310	279	2.	30.3	978.2	*	2		1550	479	2.	27.8	978.0
1		0635	80	2.	1.2	976.1	*	1		2315	280	2.	30.3	978.2	*	2		1555	480	2.	27.8	978.0
1		0640	81	2.	1.3	976.1	*	1		2320	281	2.	30.3	978.2	*	2		1600	481	2.	27.8	978.0
1		0645	82	2.	1.3	976.1	*	1		2325	282	2.	30.4	978.2	*	2		1605	482	2.	27.8	978.0
1		0650	83	2.	1.3	976.1	*	1		2330	283	2.	30.4	978.2	*	2		1610	483	2.	27.8	978.0
1		0655	84	2.	1.3	976.1	*	1		2335	284	2.	30.4	978.2	*	2		1615	484	2.	27.8	978.0
1		0700	85	2.	1.4	976.1	*	1		2340	285	2.	30.4	978.2	*	2		1620	485	2.	27.7	978.0
1		0705	86	2.	1.4	976.1	*	1		2345	286	2.	30.4	978.2	*	2		1625	486	2.	27.7	978.0
1		0710	87	2.	1.4	976.1	*	1		2350	287	2.	30.4	978.2	*	2		1630	487	2.	27.7	978.0

1	0715	88	2.	1.5	976.1	*	1	2355	288	2.	30.4	978.2	*	2	1635	488	2.	27.7	978.0
1	0720	89	2.	1.5	976.1	*	2	0000	289	2.	30.4	978.2	*	2	1640	489	2.	27.7	978.0
1	0725	90	2.	1.5	976.1	*	2	0005	290	2.	30.4	978.2	*	2	1645	490	2.	27.7	978.0
1	0730	91	2.	1.6	976.1	*	2	0010	291	2.	30.5	978.2	*	2	1650	491	2.	27.6	978.0
1	0735	92	2.	1.6	976.1	*	2	0015	292	2.	30.5	978.2	*	2	1655	492	2.	27.6	978.0
1	0740	93	2.	1.6	976.1	*	2	0020	293	2.	30.5	978.2	*	2	1700	493	2.	27.6	978.0
1	0745	94	2.	1.7	976.1	*	2	0025	294	2.	30.5	978.2	*	2	1705	494	2.	27.6	978.0
1	0750	95	2.	1.7	976.1	*	2	0030	295	2.	30.5	978.2	*	2	1710	495	2.	27.6	978.0
1	0755	96	2.	1.7	976.1	*	2	0035	296	2.	30.5	978.2	*	2	1715	496	2.	27.6	978.0
1	0800	97	2.	1.8	976.1	*	2	0040	297	2.	30.5	978.2	*	2	1720	497	2.	27.6	978.0
1	0805	98	2.	1.8	976.1	*	2	0045	298	2.	30.5	978.2	*	2	1725	498	2.	27.5	978.0
1	0810	99	2.	1.8	976.1	*	2	0050	299	2.	30.5	978.2	*	2	1730	499	2.	27.5	978.0
1	0815	100	2.	1.9	976.1	*	2	0055	300	2.	30.5	978.2	*	2	1735	500	2.	27.5	978.0
1	0820	101	2.	1.9	976.1	*	2	0100	301	2.	30.5	978.2	*	2	1740	501	2.	27.5	978.0
1	0825	102	2.	1.9	976.1	*	2	0105	302	2.	30.5	978.2	*	2	1745	502	2.	27.5	978.0
1	0830	103	2.	2.0	976.1	*	2	0110	303	2.	30.5	978.2	*	2	1750	503	2.	27.5	978.0
1	0835	104	2.	2.0	976.1	*	2	0115	304	2.	30.4	978.2	*	2	1755	504	2.	27.5	978.0
1	0840	105	2.	2.0	976.1	*	2	0120	305	2.	30.4	978.2	*	2	1800	505	2.	27.4	978.0
1	0845	106	2.	2.1	976.1	*	2	0125	306	2.	30.4	978.2	*	2	1805	506	2.	27.4	978.0
1	0850	107	2.	2.1	976.1	*	2	0130	307	2.	30.4	978.2	*	2	1810	507	2.	27.4	978.0
1	0855	108	2.	2.2	976.2	*	2	0135	308	2.	30.4	978.2	*	2	1815	508	2.	27.4	978.0
1	0900	109	2.	2.2	976.2	*	2	0140	309	2.	30.4	978.2	*	2	1820	509	2.	27.4	978.0
1	0905	110	2.	2.2	976.2	*	2	0145	310	2.	30.4	978.2	*	2	1825	510	2.	27.4	978.0
1	0910	111	2.	2.3	976.2	*	2	0150	311	2.	30.3	978.2	*	2	1830	511	2.	27.4	978.0
1	0915	112	2.	2.3	976.2	*	2	0155	312	2.	30.3	978.2	*	2	1835	512	2.	27.3	978.0
1	0920	113	2.	2.4	976.2	*	2	0200	313	2.	30.3	978.2	*	2	1840	513	2.	27.3	978.0
1	0925	114	2.	2.4	976.2	*	2	0205	314	2.	30.3	978.2	*	2	1845	514	2.	27.3	978.0
1	0930	115	2.	2.5	976.2	*	2	0210	315	2.	30.3	978.2	*	2	1850	515	2.	27.3	978.0
1	0935	116	2.	2.5	976.2	*	2	0215	316	2.	30.3	978.2	*	2	1855	516	2.	27.3	978.0
1	0940	117	2.	2.6	976.2	*	2	0220	317	2.	30.3	978.2	*	2	1900	517	2.	27.3	978.0
1	0945	118	2.	2.6	976.2	*	2	0225	318	2.	30.2	978.2	*	2	1905	518	2.	27.2	978.0
1	0950	119	2.	2.7	976.2	*	2	0230	319	2.	30.2	978.2	*	2	1910	519	2.	27.2	978.0
1	0955	120	2.	2.7	976.2	*	2	0235	320	2.	30.2	978.2	*	2	1915	520	2.	27.2	978.0
1	1000	121	2.	2.8	976.2	*	2	0240	321	2.	30.2	978.2	*	2	1920	521	2.	27.2	978.0
1	1005	122	2.	2.9	976.2	*	2	0245	322	2.	30.2	978.2	*	2	1925	522	2.	27.2	978.0
1	1010	123	2.	2.9	976.2	*	2	0250	323	2.	30.2	978.2	*	2	1930	523	2.	27.2	978.0
1	1015	124	2.	3.0	976.2	*	2	0255	324	2.	30.2	978.2	*	2	1935	524	2.	27.2	978.0
1	1020	125	2.	3.0	976.2	*	2	0300	325	2.	30.1	978.2	*	2	1940	525	2.	27.1	978.0
1	1025	126	2.	3.1	976.2	*	2	0305	326	2.	30.1	978.2	*	2	1945	526	2.	27.1	978.0
1	1030	127	2.	3.2	976.2	*	2	0310	327	2.	30.1	978.2	*	2	1950	527	2.	27.1	978.0
1	1035	128	2.	3.2	976.2	*	2	0315	328	2.	30.1	978.2	*	2	1955	528	2.	27.1	978.0
1	1040	129	2.	3.3	976.2	*	2	0320	329	2.	30.1	978.2	*	2	2000	529	2.	27.1	978.0
1	1045	130	2.	3.4	976.2	*	2	0325	330	2.	30.1	978.2	*	2	2005	530	2.	27.1	978.0
1	1050	131	2.	3.5	976.2	*	2	0330	331	2.	30.0	978.2	*	2	2010	531	2.	27.1	978.0
1	1055	132	2.	3.5	976.3	*	2	0335	332	2.	30.0	978.2	*	2	2015	532	2.	27.0	978.0
1	1100	133	2.	3.6	976.3	*	2	0340	333	2.	30.0	978.2	*	2	2020	533	2.	27.0	978.0
1	1105	134	2.	3.7	976.3	*	2	0345	334	2.	30.0	978.2	*	2	2025	534	2.	27.0	978.0
1	1110	135	2.	3.8	976.3	*	2	0350	335	2.	30.0	978.2	*	2	2030	535	2.	27.0	978.0
1	1115	136	2.	3.9	976.3	*	2	0355	336	2.	30.0	978.2	*	2	2035	536	2.	27.0	978.0
1	1120	137	2.	4.0	976.3	*	2	0400	337	2.	30.0	978.2	*	2	2040	537	2.	27.0	978.0
1	1125	138	2.	4.1	976.3	*	2	0405	338	2.	29.9	978.2	*	2	2045	538	2.	27.0	978.0
1	1130	139	2.	4.3	976.3	*	2	0410	339	2.	29.9	978.2	*	2	2050	539	2.	26.9	978.0
1	1135	140	2.	4.4	976.3	*	2	0415	340	2.	29.9	978.2	*	2	2055	540	2.	26.9	978.0
1	1140	141	2.	4.6	976.3	*	2	0420	341	2.	29.9	978.2	*	2	2100	541	2.	26.9	978.0
1	1145	142	2.	4.8	976.3	*	2	0425	342	2.	29.9	978.2	*	2	2105	542	2.	26.9	978.0
1	1150	143	2.	5.0	976.4	*	2	0430	343	2.	29.9	978.2	*	2	2110	543	2.	26.9	978.0
1	1155	144	2.	5.4	976.4	*	2	0435	344	2.	29.8	978.2	*	2	2115	544	2.	26.9	978.0
1	1200	145	2.	5.8	976.4	*	2	0440	345	2.	29.8	978.2	*	2	2120	545	2.	26.9	978.0
1	1205	146	2.	6.4	976.5	*	2	0445	346	2.	29.8	978.2	*	2	2125	546	2.	26.8	978.0
1	1210	147	2.	7.2	976.5	*	2	0450	347	2.	29.8	978.2	*	2	2130	547	2.	26.8	978.0
1	1215	148	2.	8.2	976.6	*	2	0455	348	2.	29.8	978.2	*	2	2135	548	2.	26.8	978.0
1	1220	149	2.	9.3	976.7	*	2	0500	349	2.	29.8	978.2	*	2	2140	549	2.	26.8	978.0
1	1225	150	2.	10.6	976.8	*	2	0505	350	2.	29.8	978.2	*	2	2145	550	2.	26.8	978.0
1	1230	151	2.	12.1	976.9	*	2	0510	351	2.	29.7	978.2	*	2	2150	551	2.	26.8	978.0
1	1235	152	2.	13.7	977.0	*	2	0515	352	2.	29.7	978.2	*	2	2155	552	2.	26.7	978.0
1	1240	153	2.	15.4	977.1	*	2	0520	353	2.	29.7	978.2	*	2	2200	553	2.	26.7	978.0
1	1245	154	2.	17.0	977.2	*	2	0525	354	2.	29.7	978.2	*	2	2205	554	2.	26.7	978.0
1	1250	155	2.	18.5	977.4	*	2	0530	355	2.	29.7	978.2	*	2	2210	555	2.	26.7	978.0
1	1255	156	2.	19.8	977.5	*	2	0535	356	2.	29.7	978.2	*	2	2215	556	2.	26.7	978.0
1	1300	157	2.	21.0	977.5	*	2	0540	357	2.	29.7	978.2	*	2	2220	557	2.	26.7	978.0
1	1305	158	2.	22.0	977.6	*	2	0545	358	2.	29.6	978.2	*	2	2225	558	2.	26.7	978.0
1	1310	159	2.	22.9	977.7	*	2	0550	359	2.	29.6	978.2	*	2	2230	559	2.	26.6	978.0
1	1315	160	2.	23.6	977.7	*	2	0555	360	2.	29.6	978.2	*	2	2235	560	2.	26.6	978.0
1	1320	161	2.	24.2	977.8	*	2	0600	361	2.	29.6	978.2	*	2	2240	561	2.	26.6	978.0
1	1325	162	2.	24.6	977.8	*	2	0605	362	2.	29.6	978.2	*	2	2245	562	2.	26.6	978.0
1	1330	163	2.	25.1	977.8	*	2	0610	363	2.	29.6	978.2	*	2	2250	563	2.	26.6	978.0
1	1335	164	2.	25.4	977.9	*	2	0615	364	2.	29.5	978.2	*	2	2255	564	2.	26.6	978.0
1	1340	165	2.	25.7	977.9	*	2	0620	365	2.	29.5	978.2	*	2	2300	565	2.	26.6	978.0
1	1345	166	2.	26.0	977.9	*	2	0625	366	2.	29.5	978.2	*	2	2305	566	2.	26.5	978.0
1	1350	167	2.	26.2	977.9	*	2	0630	367	2.	29.5	978.2	*	2	2310	567	2.	26.5	977.9
1	1355	168	2.	26.4	977.9	*	2	0635	368	2.	29.5	978.2	*	2	2315	568	2.	26.5	977.9
1	1400	169	2.	26.6	978.0	*	2	0640	369	2.	29.5	978.2	*	2	2320	569	2.	26.5	977.9
1	1405	170	2.	26.7	978.0	*	2	0645	370	2.	29.5	978.2	*	2	2325	570	2.	26.5	977.9
1	1410	171	2.	26.9	978.0	*	2	0650	371	2.	29.4	978.2	*	2	2330	571	2.	26.5	977.9
1	1415	172	2.	27.0	978.0	*	2	0655	372	2.	29.4	978.2	*	2	2335	572	2.	26.5	977.9
1	1420	173	2.	27.1	978.0	*	2	0700	373	2.	29.4	978.1	*	2	2340	573	2.	26.4	977.9
1	1425	174	2.	27.2	978.0	*	2	0705	374	2.	29.4	978.1	*	2	2345	574	2.	26.4	977.9
1	1430	175	2.	27.3	978.0	*	2	0710	375	2.	29.4	978.1	*	2	2350	575	2.	26.4	977.9
1	1435	176	2.	27.4	978.0	*	2	0715	376	2.	29.4	978.1	*	2	2355	576	2.	26.4	977.9
1	1440	177	2.	27.5	978.0	*	2	0720	377	2.	29.4	978.1	*	3	0000	577	2.	26.4	977.9
1	1445	178	2.	27.6	978.0	*	2	0725	378	2.	29.3	978.1	*	3	0005	578	2.	26.4	977.9
1	1450	179	2.	27.7	978.0	*	2	0730	379	2.	29.3	978.1	*	3	0010	579	2.	26.4	977.9
1	1455	180	2.	27.7	978.0	*	2	0735	380	2.	29.3	978.1	*	3	0015	580	2.	26.3	977.9
1	1500	181	2.	27.8	978.0	*	2	0740	381	2.	29.3	978.1	*	3	0020	581	2.	26.3	977.9
1	1505	182	2.	27.9	978.0	*	2	0745	382	2.	29.3	978.1	*	3	0025	582	2.	26.3	977.9
1	1510	183	2.	27.9	978.0	*	2	0750	383	2.	29.3	978.1	*	3	0030	583	2.	26.3	977.9
1	1515	184	2.	28.0	978.1	*	2	0755	384	2.	29.2	978.1	*	3	0035	584	2.	26.3	977.9
1	1520	185	2.	28.0	978.1	*	2	0800	385	2.	29.2	978.1	*	3	0040	585	2.	26.3	977.9
1	1525	186	2.	28.1	978.1	*	2	0805	386	2.	29.2	978.1	*	3	0045	586	2.	26.3	977.9

1	1530	187	2.	28.1	978.1	*	2	0810	387	2.	29.2	978.1	*	3	0050	587	2.	26.2	977.9
1	1535	188	2.	28.2	978.1	*	2	0815	388	2.	29.2	978.1	*	3	0055	588	2.	26.2	977.9
1	1540	189	2.	28.2	978.1	*	2	0820	389	2.	29.2	978.1	*	3	0100	589	2.	26.2	977.9
1	1545	190	2.	28.3	978.1	*	2	0825	390	2.	29.2	978.1	*	3	0105	590	2.	26.2	977.9
1	1550	191	2.	28.3	978.1	*	2	0830	391	2.	29.1	978.1	*	3	0110	591	2.	26.2	977.9
1	1555	192	2.	28.4	978.1	*	2	0835	392	2.	29.1	978.1	*	3	0115	592	2.	26.2	977.9
1	1600	193	2.	28.4	978.1	*	2	0840	393	2.	29.1	978.1	*	3	0120	593	2.	26.1	977.9
1	1605	194	2.	28.5	978.1	*	2	0845	394	2.	29.1	978.1	*	3	0125	594	2.	26.1	977.9
1	1610	195	2.	28.5	978.1	*	2	0850	395	2.	29.1	978.1	*	3	0130	595	2.	26.1	977.9
1	1615	196	2.	28.5	978.1	*	2	0855	396	2.	29.1	978.1	*	3	0135	596	2.	26.1	977.9
1	1620	197	2.	28.6	978.1	*	2	0900	397	2.	29.0	978.1	*	3	0140	597	2.	26.1	977.9
1	1625	198	2.	28.6	978.1	*	2	0905	398	2.	29.0	978.1	*	3	0145	598	2.	26.1	977.9
1	1630	199	2.	28.7	978.1	*	2	0910	399	2.	29.0	978.1	*	3	0150	599	2.	26.1	977.9
1	1635	200	2.	28.7	978.1	*	2	0915	400	2.	29.0	978.1	*	3	0155	600	2.	26.0	977.9
						*							*						

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	49.92-HR
+ (CFS)	(HR)	(CFS)				
+ 2.	24.17		2.	2.	2.	2.
		(INCHES)	.089	.353	.673	.673
		(AC-FT)	1.	4.	8.	8.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	49.92-HR
+ (AC-FT)	(HR)				
30.	24.67	30.	29.	22.	22.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	49.92-HR
+ (FEET)	(HR)				
978.22	24.67	978.21	978.15	977.51	977.51

CUMULATIVE AREA = .23 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	D	0.	.00	0.	0.	0.	.00		
+	HYDROGRAPH AT	!287D	250.	12.67	54.	17.	8.	.23		
+	ROUTED TO	!S287D	2.	24.17	2.	2.	2.	.23		
+									978.22	24.67

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