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FLOOD STUDY
TECHNICAL DATA NOTEBOOK

for

WHITE TANKS/AGUA FRIA
AREA DRAINAGE MASTER STUDY

APPENDIX C
VOLUME 4 OF 15

HEC-1 OUTPUT RESULTS
NUMERICAL RUNOFF SUMMARY
HEC-1 RUNOFF SUMMARY TABLE

Prepared for:
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

Prepared by:
THE WLB GROUP, INC.
333 East Osborn Road, Suite 380
Phoenix, Arizona 85012
(602) 279-1016

May 28, 1992

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1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*            FEBRUARY 1981              *
*           REVISED 01 JUN 88           *
*                                       *
*  RUN DATE  10/28/1991  TIME  12:36:40 *
*                                       *
*****************************************
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*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*  THE HYDROLOGIC ENGINEERING CENTER    *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*          (916) 551-1748               *
*                                       *
*****************************************
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X     X  XXXXXXX   XXXXX          X
X     X  X       X     X        XX
X     X  X       X              X
XXXXXXX  XXXX    X       XXXXX  X
X     X  X       X              X
X     X  X       X     X        X
X     X  XXXXXXX   XXXXX        XXX
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

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

1 HEC-1 INPUT PAGE 1

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

  1           ID
  2           ID
  3           ID        FINAL HYDROLOGY RUN FOR WHITE TANKS ADMS ---- ENTIRE WATERSHED
  4           ID        100-YEAR, 24-HOUR STORM                          WTADMS.24
  5           ID
  6           ID
  7           ID
              *DIAGRAM
  8           IT      5                   300
  9           IO      5
 10           IN     15
 11           JD   4.03    .001
 12           PC   .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 13           PC   .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 14           PC   .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 15           PC   .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 16           PC   .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 17           PC   .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
 18           PC   .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 19           PC   .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 20           PC   .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 21           PC   .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
 22           JD   3.99      10
 23           JD   3.83      50
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24        JD   3.76     100
25        JD   3.70     200

26        KK      1
27        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 1.
28        BA   1.94
29        LG    .20     .34    3.21    1.14    9.90
30        UI   182.    326.    742.    974.   1186.   1502.   2185.   1957.   1537.   1243.
31        UI   989.    751.    417.    308.    230.    182.     64.     56.     56.     56.
32        UI    56.      0.      0.      0.      0.      0.      0.      0.      0.      0.
33        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

34        KK   RCP1
35        KM        ROUTE FLOW FROM CP1 TO CP2.
36        RL                      1    1428
37        RS     5               -1       0
38        RC   .06     .04     .06   17800   .0469
39        RX   1000    1125    1300    1390    1405    1490    1590    1750
40        RY   1440    1439    1437    1428    1428    1439    1442    1444

41        KK      2
42        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 2.
43        BA   1.82
44        LG    .18     .33    3.91     .70   11.70
45        UI   115.    115.    259.    442.    556.    642.    727.    849.   1013.   1346.
46        UI  1419.   1145.    985.    864.    735.    634.    545.    405.    268.    202.
47        UI   189.    144.    115.    103.     35.     35.     35.     35.     35.     35.
48        UI    35.      0.      0.      0.      0.      0.      0.      0.      0.      0.
49        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE      ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

50        KK    CP2
51        KM        ADD HYDROGRAPHS AT CP2.
52        HC      2

53        KK   RCP2
54        KM        ROUTE COMBINED HYDROGRAPHS AT CP2 TO CP3.
55        RL                    1.5    1298
56        RS     2               -1       0
57        RC   .06    .035     .06    4500   .0111
58        RX   1000    1100    1350    1705    1735    1780    1850    2000
59        RY   1304    1302    1302    1298    1298    1303    1302    1305

60        KK     3A
61        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 3A
62        BA    .29
63        LG    .15     .33    3.99     .59     .00
64        UI    34.     89.    165.    212.    286.    410.    314.    242.    182.    124.
65        UI    62.     48.     33.     10.     10.     10.     10.      0.      0.      0.
66        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

67        KK  RCP3A
68        KM        ROUTE FLOW FROM CP3A TO CP3
69        RL                    1.5    1284
70        RS     2               -1       0
71        RC   .03     .03     .05    5300   .0060
72        RX   1000    1023    1032    1046    1058    1067    1250    1540
73        RY   1289    1288    1286    1284    1284    1286    1288    1291
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 74        KK      3
 75        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 3.
 76        BA    .81
 77        LG    .15     .33    4.08     .54     .00
 78        UI     91.    228.    430.    554.    725.   1088.    908.    700.    535.    396.
 79        UI    205.    152.     95.     57.     28.     28.     28.      0.      0.      0.
 80        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 81        KK   I1CP3
 82        KM        ADD HYDROGRAPHS AT CP3.
 83        HC      2

 84        KK    CP3
 85        KM        ADD HYDROGRAPHS AT CP3.
 86        HC      2

 87        KK    CP3
 88        KM        DIVERT FLOWS THAT WILL OVERTOP THE BEARDSLEY CANAL AT OLIVE AVENUE.  THE
 89        KM        HEC-2 DIVERSION RATING CURVE MODELED BY THE FLOOD CONTROL DISTRICT IS
 90        KM        INCORPORATED HERE.
 91        DT   DCP3
 92        DI      0    1000    2000    3000    5000    6000    6800    8000
 93        DQ      0       0     435     660    1570    2070    2520    3260
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 94        KK   RCP3
 95        KM        ROUTE THE REMAINING HYDROGRAPH AT CP3 TO CP10.
 96        RL                      2    1245
 97        RS      2              -1       0
 98        RC    .05     .03     .05    5280   .0083
 99        RX   1010    1015    1020    1050    1100    1275    1580    1750
100        RY   1251    1249    1249    1245    1245    1250    1250    1254

101        KK      4
102        KM        RUNOFF HYDROGRAPH FORM SUB-BASIN 4.
103        BA    .30
104        LG    .20     .30    3.87     .77    1.00
105        UI    48.    192.    287.    444.    512.    346.    236.    115.     67.     35.
106        UI    14.     14.      0.      0.      0.      0.      0.      0.      0.      0.
107        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

108        KK      5
109        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 5.
110        BA    .72
111        LG    .20     .34    3.27    1.11    9.20
112        UI   110.    437.    658.    992.   1242.    849.    591.    315.    174.    101.
113        UI    34.     34.     34.      0.      0.      0.      0.      0.      0.      0.
114        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

115        KK    CP5
116        KM        ADD HYDROGRAPHS AT CP5.
117        HC      2

118        KK   RCP5
119        KM        ROUTE COMBINED HYDROGRAPHS AT CP5 TO CP7.
120        RL                     .5    2800
121        RS      1              -1       0
122        RC    .08     .05     .08    4800   .0833
123        RX    955     970     985    1000    1020    1035    1050    1065
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124          RY    2815    2810    2805    2800    2800    2805    2810    2815

125          KK       6
126          KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 6.
127          BA     .45
128          LG     .20     .34    3.21    1.14   10.00
129          UI    204.    622.   1139.    837.    427.    155.     54.     33.      0.      0.
130          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

131          KK   I1CP7
132          KM         ADD HYDROGRAPHS AT CP7.
133          HC       2

134          KK       7
135          KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 7.
136          BA     .31
137          LG     .20     .34    3.21    1.14   10.00
138          UI    126.    387.    716.    606.    343.    129.     52.     22.      0.      0.
139          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


140          KK     CP7
141          KM         ADD HYDROGRAPHS AT CP7.
142          HC       2

143          KK    RCP7
144          KM         ROUTE COMBINED HYDROGRAPHS AT CP7 TO CP9.
145          RL                     .5    1838
146          RS       3             -1       0
147          RC     .08     .05     .08   10200  .07745
148          RX    1000    1045    1120    1195    1230    1300    1350    1450
149          RY    1910    1880    1850    1838    1838    1850    1880    1910

150          KK       9
151          KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 9.
152          BA    1.40
153          LG     .20     .34    3.24    1.12    9.70
154          UI    155.    381.    727.    935.   1216.   1832.   1591.   1224.    938.    705.
155          UI    386.    261.    177.    115.     47.     47.     47.     47.      0.      0.
156          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

157          KK   I1CP9
158          KM         ADD HYDROGRAPHS AT CP9.
159          HC       2

160          KK       8
161          KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 8.
162          BA     .81
163          LG     .20     .34    3.21    1.14   10.00
164          UI    102.    313.    535.    703.   1054.   1140.    822.    608.    421.    208.
165          UI    147.     96.     31.     31.     31.      0.      0.      0.      0.      0.
166          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

167          KK     CP9
168          KM         ADD HYDROGRAPHS AT CP9.
169          HC       2

170          KK    RCP9
171          KM         ROUTE COMBINED HYDROGRAPHS AT CP9 TO CP10.
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172          RL                     1.5    1308
173          RS      8              -1       0
174          RC    .06    .035     .06   19200   .0232
175          RX   1000    1085    1310    1395    1415    1450    1630    1665
176          RY   1317    1314    1311    1308    1308    1314    1314    1317

177          KK     10
178          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 10.
179          BA   2.02
180          LG    .16     .33    3.90     .66    3.30
181          UI   119.    119.    218.    427.    546.    632.    708.    812.    929.   1148.
182          UI  1499.   1393.   1156.   1006.    894.    765.    669.    577.    475.    325.
183          UI   210.    201.    193.    119.    119.     86.     36.     36.     36.     36.
184          UI    36.     36.     36.     36.      0.      0.      0.      0.      0.      0.
185          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE  5

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


186          KK  I1CP10
187          KM        ADD HYDROGRAPHS AT CP10
188          HC      2

189          KK   CP10
190          KM        ADD HYDROGRAPHS AT CP10
191          HC      2

192          KK   CP10
193          KM        FLOW TO WHITE TANKS #3 UNDER NORTHERN AVE.  THE HEC-2 DIVERSION RATING
194          KM        CURVE MODELED BY THE FLOOD CONTROL DISTRICT IS INCORPORATED HERE.
195          DT  DCP10
196          DI      0    1000    3000    4497    5000    6000    8000   10000
197          DQ      0       0     770    1277    1450    1710    2470    3240

198          KK  RCP10
199          KM        ROUTE REMAINING HYDROGRAPH AT CP10 TO CP12.
200          RL                     2.0    1211
201          RS      1              -1       0
202          RC    .03     .03     .05    3500   .0057
203          RX    995    1000    1020    1055    1085    1165    1250    1330
204          RY   1221    1220    1220    1211    1211    1218    1220    1222

205          KK     12
206          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 12.
207          BA   1.38
208          LG    .16     .32    4.18     .50    3.00
209          UI   111.    129.    393.    535.    636.    758.    930.   1311.   1277.   1008.
210          UI   850.    697.    574.    445.    264.    191.    169.    111.     92.     34.
211          UI    34.     34.     34.     34.     34.      0.      0.      0.      0.      0.
212          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

213          KK   CP12
214          KM        ADD HYDROGRAPHS AT CP12.
215          HC      2

216          KK  RCP12
217          KM        ROUTE COMBINED HYDROGRAPHS AT CP12 TO CPWT3
218          RL                     2.0    1196
219          RS      2              -1       0
220          RC    .03     .03     .04    4800   .0031
221          RX    995    1000    1020    1080    1200    1530    1665    1760
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222          RY    1211    1211    1210    1196    1196    1200    1204    1204

223          KK      11
224          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 11.
225          BA    1.56
226          LG     .18     .32    3.98     .67    6.80
227          UI    143.    245.    571.    755.    913.   1142.   1648.   1623.   1254.   1026.
228          UI    821.    643.    394.    248.    210.    143.     86.     44.     44.     44.
229          UI     44.      0.      0.      0.      0.      0.      0.      0.      0.      0.
230          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


231          KK   RCP11
232          KM        ROUTE HYROGRAPH FROM CP11 TO CP13.
233          RL                      1.5    1196
234          RS      3               -1       0
235          RC    .06    .035     .06   10200   .0098
236          RX   1000    1070    1300    1480    1510    1525    1555    1600
237          RY   1233    1232    1230    1222    1222    1230    1232    1233

238          KK      13
239          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 13.
240          BA    1.30
241          LG     .15     .33    4.14     .51     .00
242          UI    120.    210.    485.    639.    774.    973.   1416.   1333.   1039.    847.
243          UI    674.    527.    303.    206.    167.    120.     60.     37.     37.     37.
244          UI     37.      0.      0.      0.      0.      0.      0.      0.      0.      0.
245          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

246          KK   CP13
247          KM        ADD HYDROGRAPHS AT CP13.
248          HC       2

249          KK   RCP13
250          KM        ROUTE COMBINED HYDROGRAPHS AT CP13 TO CP17
251          RL                      1.5    1222
252          RS      2               -1       0
253          RC    .03     .03     .04    2400   .0042
254          RX   1000    1025    1040    1065    1085    1110    1175    1200
255          RY   1206    1198    1196    1194    1194    1198    1198    1201

256          KK      14
257          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 14.
258          BA    1.47
259          LG     .20     .34    3.24    1.12    9.00
260          UI    166.    421.    790.   1019.   1341.   1998.   1636.   1264.    961.    699.
261          UI    362.    274.    166.     93.     51.     51.     51.      0.      0.      0.
262          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

263          KK   RCP14
264          KM        ROUTE FLOW FROM CP14 TO CP15.
265          RL                      2.0    1194
266          RS      4               -1       0
267          RC    .06    .035     .06    8800  .02556
268          RX   1000    1030    1075    1200    1220    1280    1415    1480
269          RY   1296    1295    1294    1288    1288    1294    1296    1300

270          KK      15
271          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 15.
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272        BA    1.26
273        LG     .18     .33    3.58     .86    6.40
274        UI    130.    281.    577.    747.    938.   1321.   1552.   1156.    920.    713.
275        UI    519.    277.    217.    138.     93.     40.     40.     40.     40.      0.
276        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
277        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


278        KK  I1CP15
279        KM        ADD HYDROGRAPHS AT CP15
280        HC       2

281        KK      16
282        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 16.
283        BA    1.13
284        LG     .17     .32    4.08     .41   11.10
285        UI    115.    240.    503.    652.    814.   1126.   1393.   1049.    839.    655.
286        UI    497.    268.    194.    137.    101.     35.     35.     35.     35.      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    SR16
290        KM        STORAGE ROUTE THROUGH THE CATERPILLAR DETENTION BASIN IN SUBWATERSHED 16
291        RS       1    STOR       0       0
292        SV       0       1      31     114     270     502     807    1319    1776    1908
293        SQ       0                                                                    4050
294        SE    1198    1200    1210    1220    1230    1240    1250    1260    1266    1267

295        KK    CP15
296        KM        ADD HYDROGRAPHS AT CP15.
297        HC       2

298        KK   RCP15
299        KM        ROUTE COMBINED HYDROGRAPHS AT CP15 TO CP17.
300        RL                      2.0    1226
301        RS       3               -1       0
302        RC     .06    .035     .06    6800   .0079
303        RX    1000    1310    1380    1540    1640    1670    1700    1910
304        RY    1234    1232    1228    1226    1226    1228    1232    1235

305        KK      17
306        KM        RUNOFFF HYDROGRAPH FROM SUB-BASIN 17.
307        BA    1.07
308        LG     .19     .33    4.04     .54     .10
309        UI    117.    254.    572.    810.   1052.   1196.    753.    635.    540.    450.
310        UI    353.    287.    254.    194.    149.    129.    103.     90.     64.     57.
311        UI     57.     26.     22.     22.     22.     22.     22.     22.      0.      0.
312        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

313        KK  I1CP17
314        KM        ADD HYDROGRAPHS AT CP17.
315        HC       2

316        KK    CP17
317        KM        ADD HYDROGRAPHS AT CP17.
318        HC       2
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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319          KK   RCP17
320          KM        ROUTE FLOW FROM CP17 TO CPWT3
321          RL                    2.0    1182
322          RS       2             -1       0
323          RC     .06     .04     .04    1600   .0022
324          RX    1000    1220    1280    1470    1530    1660    1680    1685
325          RY    1196    1194    1190    1182    1182    1210    1211    1212

326          KK     WT3
327          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN WT3
328          BA     .44
329          LG     .35     .32    3.91     .33     .00
330          UI     36.     44.    128.    175.    207.    249.    308.    436.    399.    318.
331          UI    267.    220.    179.    133.     78.     61.     49.     36.     23.     11.
332          UI     11.     11.     11.     11.      0.      0.      0.      0.      0.      0.
333          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

334          KK  I1CWT3
335          KM        ADD HYDROGRAPHS AT CPWT3
336          HC       2

337          KK   CPWT3
338          KM        ADD HYDROGRAPHS AT CPWT3
339          HC       2

340          KK   SRWT3
341          KM        STORAGE ROUTE THROUGH WHITE TANKS STRUCTURE #3.
342          RS       1    STOR       0       0
343          SV       0       1      14      42      91     203     466     958    1704    2716
344          SV    3012    3325    3657    4006
345          SQ       0       0       0       0       0       0       0       0       0       0
346          SQ       0    3550    9000   17600
347          SE    1174    1176    1180    1184    1188    1192    1196    1200    1204    1208
348          SE    1209    1210    1211    1212
349          SS    1209       0       0       0
350          ST  1212.1    7667     2.2     1.5
351          SW    1000    1995    3000    4000    4988    6008    7007
352          SE  1212.1  1212.4 1212.63 1213.32 1214.72 1214.94  1214.8

353          KK     101
354          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 101.
355          BA     .16
356          LG     .35     .32    3.61     .26     .00
357          UI     22.     76.    121.    165.    258.    205.    150.    106.     54.     34.
358          UI     22.      7.      7.      7.      0.      0.      0.      0.      0.      0.
359          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

360          KK    102A
361          KM        RUNOFF HYDROGRAPH FROM SUB-SUBIN 102.
362          BA     .51
363          LG     .40     .20    6.05     .21     .00
364          UI     40.     43.    142.    190.    228.    270.    327.    453.    484.    378.
365          UI    319.    263.    218.    176.    114.     71.     66.     44.     40.     15.
366          UI     12.     12.     12.     12.     12.      0.      0.      0.      0.      0.
```



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

367          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
368          KK   CP101
369          KM        ADD HYDROGRAPHS AT CP101
370          HC       2     .67

371          KK    R101
372          KM        ROUTE FLOW FROM CP101 TO CP102.
373          RS       2              -1       0
374          RC    .025    .022    .022    2750   .0062
375          RX    1000    1001    1030    1085    1120    1138    1139    1140
376          RY    1319    1319    1318    1316    1316    1317    1317    1317

377          KK     102
378          KM        RUNOFF FROM SUB-BASIN 102
379          BA     .10
380          LG     .50     .00    6.05     .29     .00
381          UI     10.     21.     44.     57.     70.     97.    122.     94.     75.     59.
382          UI     45.     26.     17.     13.     10.      3.      3.      3.      3.      3.
383          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
384          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

385          KK   CP102
386          KM        ADD HYDROGRAPHS AT CP102.
387          HC       2     .77

388          KK    R102
389          KM        ROUTE FLOW FROM CP102 TO CP108
390          RS      36              -1       0
391          RC    .075    .075    .075     702   .0054
392          RX    1000    1001    1120    1700    2030    2630    3070    3270
393          RY    1289    1289    1288    1286    1286    1288    1290    1292

394          KK     108
395          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 108.
396          BA     .79
397          LG     .44     .12    5.53     .25     .00
398          UI     31.     31.     31.     32.    101.    115.    136.    151.    167.    178.
399          UI    194.    213.    233.    257.    304.    366.    406.    353.    310.    281.
400          UI    259.    240.    217.    197.    181.    163.    148.    132.    108.     88.
401          UI     56.     54.     52.     51.     45.     31.     31.     31.     24.      9.
402          UI      9.      9.      9.      9.      9.      9.      9.      9.      9.      9.
403          UI      9.      0.      0.      0.      0.      0.      0.      0.      0.      0.
404          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

405          KK   1I108
406          KM        ADD HYDROGRAPHS AT CP108.
407          HC       2    1.56

408          KK     103
409          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 103.
410          BA     .37
411          LG     .46     .09    4.33     .29     .00
412          UI     19.     19.     20.     64.     79.     93.    105.    116.    131.    148.
413          UI    175.    222.    248.    206.    178.    159.    143.    125.    111.     97.
```



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

414          UI     84.     64.     45.     34.     32.     32.     19.     19.     19.      6.
415          UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
416          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

417          KK    R103
```

```
418        KM        ROUTE FLOW FROM CP103 TO CP108.
419        RS      4              -1       0
420        RC    .08    .022    .035    5380   .0041
421        RX   1000    1050    1080    1095    1130    1150    1300    1830
422        RY   1285    1284    1282    1280    1280    1282    1284    1286

423        KK   CP108
424        KM        ADD HYDROGRAPHS AT CP108.
425        HC      2    1.93

426        KK   R108
427        KM        ROUTE FLOW FROM CP108 TO CP115.
428        RS      7              -1       0
429        RC   .035    .035    .075    5382   .0037
430        RX   1000    1001    1002    1030    1100    1370    1900    2290
431        RY   1259    1259    1259    1258    1258    1260    1262    1264

432        KK    106
433        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 106.
434        BA    .77
435        LG    .35     .29    6.63     .16     .00
436        UI    68.    109.    267.    353.    425.    523.    727.    830.    634.    523.
437        UI   422.    338.    237.    132.    114.     77.     65.     21.     21.     21.
438        UI    21.     21.      0.      0.      0.      0.      0.      0.      0.      0.
439        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

440        KK   R106
441        KM        ROUTE FLOW FROM CP106 TO CP107
442        RS      3              -1       0
443        RC   .075     .03     .03    5382    .039
444        RX   1000    1430    1860    1890    1940    1960    1969    1970
445        RY   1292    1291    1290  1289.5  1289.5    1290  1290.5  1290.5

446        KK    107
447        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 107.
448        BA    .60
449        LG    .46     .08    5.65     .29     .00
450        UI    26.     26.     26.     53.     91.    109.    125.    141.    152.    167.
451        UI   186.    203.    238.    291.    340.    308.    266.    238.    216.    199.
452        UI   177.    160.    143.    129.    114.     90.     71.     46.     46.     43.
453        UI    43.     27.     26.     26.     19.      8.      8.      8.      8.      8.
454        UI     8.      8.      8.      8.      8.      8.      0.      0.      0.      0.
455        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

456        KK   CP107
457        KM        ADD HYDROGRAPHS AT CP107.
458        HC      2    1.37
```



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

459        KK   R107
460        KM        ROUTE FLOW FROM CP107 TO CP115
461        RS      6              -1       0
462        RC   .035    .035    .075    6240   .0048
463        RX   1000    1001    1002    1030    1100    1370    1900    2290
464        RY   1259    1259    1259    1258    1258    1260    1262    1264

465        KK    115
466        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 115.
467        BA    .49
```

```
468        LG    .50     .00    7.04     .24     .00
469        UI    22.     22.     22.     45.     76.     91.    104.    117.    126.    138.
470        UI   155.    170.    200.    245.    284.    247.    215.    192.    176.    161.
471        UI   142.    129.    115.    103.     90.     69.     52.     38.     37.     35.
472        UI    31.     22.     22.     22.     10.      7.      7.      7.      7.      7.
473        UI     7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
474        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

475        KK   1I115
476        KM        ADD HYDROGRAPHS AT CP115.
477        HC      2    1.86

478        KK   2I115
479        KM        ADD HYDROGRAPHS AT CP115.
480        HC      2    3.79

481        KK    111
482        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 111.
483        BA    .50
484        LG    .40     .21    5.55     .22     .00
485        UI    32.     32.     78.    129.    160.    184.    211.    246.    304.    406.
486        UI   374.    307.    266.    230.    196.    167.    139.     99.     58.     55.
487        UI    50.     32.     32.     15.     10.     10.     10.     10.     10.     10.
488        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
489        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

490        KK   D111
491        KM        DIVERT TO CP119 FROM CP111
492        DT   DI119
493        DI      0      32     109     228     389     599     858    1170    1539    1967
494        DQ      0      11      39      83     145     228     333     462     617     799

495        KK   R111
496        KM        ROUTE REMAINDER FROM CP111 TO CP112
497        RS      9              -1       0
498        RC   .075    .035    .035    5280   .0040
499        RX   1000    1570    2040    2370    2440    2468    2469    2470
500        RY   1312    1310    1308    1306    1306    1307    1307    1307
```



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

501        KK    104
502        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 104
503        BA    .15
504        LG    .35     .31    4.93     .23     .00
505        UI    26.    101.    151.    242.    249.    169.    112.     50.     31.     14.
506        UI     7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
507        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

508        KK   R104
509        KM        ROUTE FLOW FROM CP104 TO CP112
510        RS     53              -1       0
511        RC   .075    .075    .075    6552   .0056
512        RX   1000    1001    1230    1270    1750    2000    2380    2650
513        RY   1321    1321    1320    1318    1318    1319    1318    1320

514        KK    112
515        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 112
516        BA    .97
517        LG    .50     .00    3.65     .50     .00
```

```
518        UI    35.    35.    35.    35.    92.   123.   142.   165.   179.   193.
519        UI   207.   224.   245.   266.   290.   340.   400.   464.   424.   371.
520        UI   335.   308.   286.   267.   243.   220.   206.   185.   170.   155.
521        UI   131.   101.    77.    62.    61.    58.    58.    45.    35.    35.
522        UI    35.    28.    11.    11.    11.    11.    11.    11.    11.    11.
523        UI    11.    11.    11.    11.    11.     0.     0.     0.     0.     0.
524        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

525        KK   1I112
526        KM        ADD HYDROGRAPHS AT CP112.
527        HC       2    1.12

528        KK   2I112
529        KM        ADD HYDROGRAPHS AT CP112.
530        HC       2    1.62

531        KK     105
532        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 105
533        BA     .21
534        LG     .35    .27   7.68    .10    .00
535        UI     32.   129.   195.   295.   362.   246.   171.    88.    50.    28.
536        UI     10.    10.    10.     0.     0.     0.     0.     0.     0.     0.
537        UI      0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

538        KK    R105
539        KM        ROUTE FLOW FROM CP105 TO CP112
540        RS       3              -1      0
541        RC    .022   .022    .03   5220  .0044
542        RX    1000   1001   1010   1020   1040   1050   1099   1100
543        RY    1303   1303   1303   1302   1302   1304   1305   1305
```



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


544        KK   CP112
545        KM        ADD HYDROGRAPHS AT CP112.
546        HC       2    1.83

547        KK    D112
548        KM        DIVERT TO CP120 FROM CP112
549        DT   DI120
550        DI       0     48    165    355    625    981   1434   1990
551        DQ       0     16     55    118    208    327    478    663

552        KK    D112
553        KM        DIVERT TO CP121A FROM CP112
554        DT  1D121A
555        DI       0     32    110    237    417    654    956   1327
556        DQ       0     16     55    118    208    327    478    663

557        KK    R112
558        KM        ROUTE REMAINDER FROM CP112 TO CP113A
559        RS       6              -1      0
560        RC    .075   .035   .035   2640  .0023
561        RX    1000   1490   1830   2600   2770   2788   2789   2790
562        RY    1290   1288   1286   1284   1284   1285   1285   1285

563        KK    113A
564        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 113A
565        BA     .50
566        LG     .50    .00   7.93    .15    .00
```

```
567        UI    22.    22.    22.    42.    75.    89.   103.   115.   125.   137.
568        UI   152.   167.   192.   238.   276.   260.   224.   199.   181.   167.
569        UI   149.   134.   121.   108.    98.    79.    62.    40.    38.    36.
570        UI    35.    26.    22.    22.    20.     7.     7.     7.     7.     7.
571        UI     7.     7.     7.     7.     7.     7.     0.     0.     0.     0.
572        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

573        KK  CP113A
574        KM        ADD HYDROGRAPHS AT CP113A
575        HC      2    2.33

576        KK   D113A
577        KM        DIVERT TO CP121A FROM CP113A
578        DT  2D121A
579        DI      0     26     67    134    232    278    399    561    799   1106
580        DQ      0      0      0      0      0      4     22     58    120    211

581        KK   R113A
582        KM        ROUTE REMAINDER FROM CP113A TO CP113
583        RS     25             -1      0
584        RC   .075   .035   .035   5280  .0032
585        RX   1000   1080   2620   2725   2735   2798   2799   2800
586        RY   1278   1277   1277   1276   1276   1277   1277   1277
```



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

587        KK    113
588        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 113
589        BA    .50
590        LG    .50    .00   8.54    .11    .00
591        UI    22.    22.    22.    49.    79.    95.   108.   122.   132.   145.
592        UI   162.   178.   213.   261.   291.   248.   216.   195.   178.   161.
593        UI   143.   131.   114.   105.    88.    65.    46.    39.    37.    37.
594        UI    27.    22.    22.    20.     7.     7.     7.     7.     7.     7.
595        UI     7.     7.     7.     7.     7.     0.     0.     0.     0.     0.
596        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

597        KK   CP113
598        KM        ADD HYDROGRAPHS AT CP113.
599        HC      2    2.83

600        KK    D113
601        KM        DIVERT TO CP122 FROM CP113
602        DT   1D122
603        DI      0     79    257    523    872   1307   1829
604        DQ      0     63    205    416    692   1033   1422

605        KK    R113
606        KM        ROUTE REMAINDER FROM CP113 TO CP114
607        RS      6             -1      0
608        RC   .075    .04    .04   2100  .0038
609        RX   1000   1020   1100   1850   2030   2048   2049   2050
610        RY   1266   1264   1262   1260   1260   1261   1261   1261

611        KK    114
612        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 114
613        BA    .38
614        LG    .50    .00   8.35    .13    .00
615        UI    17.    17.    17.    41.    62.    75.    86.    95.   104.   115.
616        UI   129.   144.   177.   215.   216.   183.   161.   146.   133.   118.
```

```
617        UI   106.    95.    85.    74.    58.    44.    31.    30.    28.    25.
618        UI    17.    17.    17.     6.     5.     5.     5.     5.     5.     5.
619        UI     5.     5.     5.     5.     0.     0.     0.     0.     0.     0.
620        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

621        KK  CP114
622        KM       ADD HYDROGRAPHS AT CP114.
623        HC     2   3.21

624        KK   D114
625        KM       DIVERT TO CP122 FROM CP114
626        DT  2D122
627        DI     0     17     54     80    333    952   2066
628        DQ     0      0      0      0     70    438   1217
```



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

629        KK   R114
630        KM       ROUTE REMAINDER FROM CP114 TO CP115
631        RS     2              -1      0
632        RC   .06    .022    .35   2652   .0034
633        RX  1000    1380   1790   1800   1840   1850   1899   1900
634        RY  1258    1256   1254   1250   1250   1252   1253   1253

635        KK  CP115
636        KM       ADD HYDROGRAPHS AT CP115.
637        HC     2     7.0

638        KK   R115
639        KM       ROUTE FLOWS FROM CP115 TO CP122
640        RS     6              -1      0
641        RC  .035    .035   .075   5280   .0038
642        RX  1000    1001   1002   1015   1035   1360   1920   2460
643        RY  1239    1239   1239   1238   1238   1240   1241   1242

644        KK   D113
645        KM       RETURN DIVERT AT CP113
646        DR  1D122

647        KK   R113
648        KM       ROUTE FLOW FROM CP113 TO CP122
649        RS    36              -1      0
650        RC   .08     .08    .08   7488   .0049
651        RX  1000    1001   1610   1820   1990   2010   3059   3060
652        RY  1248    1248   1246   1245   1245   1246   1248   1248

653        KK   D114
654        KM       RETURN DIVERT AT CP114
655        DR  2D122

656        KK   R114
657        KM       ROUTE FLOW FROM CP114 TO CP122
658        RS    45              -1      0
659        RC  .075    .075   .075   6240   .0046
660        RX  1000    1001   1610   1820   1990   2010   3059   3060
661        RY  1248    1248   1246   1245   1245   1246   1248   1248

662        KK   122
663        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 122
664        BA    .89
```

```
665        LG    .50     .00    5.83     .32     .00
666        UI     32.     32.     32.     32.     87.    114.    132.    153.    166.    179.
667        UI    193.    207.    229.    247.    272.    319.    378.    428.    385.    338.
668        UI    306.    281.    262.    243.    220.    201.    188.    167.    155.    138.
669        UI    114.     93.     63.     57.     56.     53.     53.     36.     32.     32.
670        UI     32.     20.     10.     10.     10.     10.     10.     10.     10.     10.
671        UI     10.     10.     10.     10.     10.     0.      0.      0.      0.      0.
672        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


673        KK   1I122
674        KM        ADD HYDROGRAPHS AT CP122
675        HC       3     4.1

676        KK   CP122
677        KM        ADD HYDROGRAPHS AT CP122
678        HC       2    7.89

679        KK    D122
680        KM        DIVERT TO CP134 FROM CP122
681        DT   DI134
682        DI       0       6      32      56     117     259     471     757    1120    1562
683        DI    2087
684        DQ       0       0       0       0     115     249     446     706    1030    1418
685        DQ    1873

686        KK    R122
687        KM        ROUTE REMAINDER FROM CP122 TO CP133
688        RS      15              -1       0
689        RC     .05     .05    .075    5280    .004
690        RX    1000    1001    1002    1015    1235    1600    2030    2220
691        RY    1219    1219    1219    1218    1218    1220    1222    1224

692        KK    D111
693        KM        RETURN DIVERT AT CP111
694        DR   DI119

695        KK    R111
696        KM        ROUTE FLOWS FROM CP111 TO CP119
697        RS      10              -1       0
698        RC    .035    .035    .075    5250   .0034
699        RX    1000    1001    1002    1025    1100    1320    1540    1730
700        RY    1301    1301    1301    1300    1300    1302    1304    1306

701        KK     119
702        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 119
703        BA     .86
704        LG     .50     .00    5.56     .31     .00
705        UI     36.     36.     36.     58.    120.    142.    168.    185.    202.    218.
706        UI    241.    267.    292.    350.    424.    469.    404.    355.    319.    293.
707        UI    270.    241.    219.    197.    178.    161.    131.    103.     68.     63.
708        UI     60.     59.     47.     36.     36.     36.     16.     11.     11.     11.
709        UI     11.     11.     11.     11.     11.     11.     11.     11.      0.      0.
710        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

711        KK   CP119
712        KM        ADD HYDROGRAPHS AT CP119
713        HC       2    1.36
```

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

 714          KK   D119
 715          KM       DIVERT TO CP128 FROM CP119
 716          DT   DI128
 717          DI      0      42     139     286     485     739    1052    1425
 718          DQ      0      25      81     167     283     429     607     819

 719          KK   R119
 720          KM       ROUTE REMAINDER FROM CP119 TO CP119A
 721          RS      6              -1       0
 722          RC   .075    .035    .035    2640   .0015
 723          RX   1000    1001    1450    1800    1820    1838    1839    1840
 724          RY   1292    1292    1290    1288    1288    1289    1289    1289

 725          KK   119A
 726          KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 119A
 727          BA    .47
 728          LG    .50     .00    6.91     .20     .00
 729          UI    19.     19.     19.     29.     64.     75.     90.     98.    107.    116.
 730          UI   128.    142.    154.    181.    219.    254.    226.    197.    177.    162.
 731          UI   150.    134.    121.    111.     98.     91.     77.     59.     46.     34.
 732          UI    33.     32.     31.     19.     19.     19.     16.      6.      6.      6.
 733          UI     6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
 734          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 735          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 736          KK  CP119A
 737          KM       ADD HYDROGRAPHS AT CP119A
 738          HC      2    1.83

 739          KK   D119A
 740          KM       DIVERT TO CP130 FROM CP119A
 741          DT   DI130
 742          DI      0      13      46     100     177     281     413     577     774    1007
 743          DI   1279    1600    1978
 744          DQ      0       0       0       0       0       0       0       0       0       0
 745          DQ      0       9      31

 746          KK   R119A
 747          KM       ROUTE REMAINDER FROM CP119A TO CP120
 748          RS      2              -1       0
 749          RC   .035    .035    .035    2300   .0096
 750          RX   1000    1001    1002    1180    1200    1213    1214    1215
 751          RY   1278    1278    1278    1276    1276    1277    1277    1277

 752          KK    120
 753          KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 120
 754          BA    .54
 755          LG    .50     .00    7.23     .19     .00
 756          UI    21.     21.     21.     23.     69.     79.     94.    105.    115.    123.
 757          UI   134.    148.    161.    179.    212.    257.    277.    239.    211.    191.
 758          UI   176.    164.    147.    133.    124.    109.    101.     88.     70.     57.
 759          UI    37.     37.     35.     35.     28.     21.     21.     21.     13.      6.
 760          UI     6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
 761          UI     6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```


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

```
762        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

763        KK   1I120
764        KM        ADD HYDROGRAPHS AT CP120
765        HC      2    2.37

766        KK    D112
767        KM        RETURN DIVERT AT CP112
768        DR   DI120

769        KK    R112
770        KM        ROUTE FLOW FROM CP112 TO CP120
771        RS      8              -1       0
772        RC   .035    .035    .075    5270   .0044
773        RX   1000    1001    1002    1020    1040    1340    1820    2030
774        RY   1281    1281    1281    1280    1280    1282    1284    1286

775        KK   CP120
776        KM        ADD HYDROGRAPHS AT CP120.
777        HC      2    4.20

778        KK    R120
779        KM        ROUTE FLOWS FROM CP120 TO CP130
780        RS      5              -1       0
781        RC    .03     .03     .06    5280   .0032
782        RX   1000    1001    1002    1020    1040    1090    1520    1830
783        RY   1261    1261    1261    1260    1260    1262    1264    1266

784        KK    D119
785        KM        RETURN DIVERT AT CP119
786        DR   DI128

787        KK    R119
788        KM        ROUTE FLOW CP119 TO CP128
789        RS      4              -1       0
790        RC   .035    .035     .06    2640   .0015
791        RX   1000    1001    1002    1010    1045    1085    1460    1710
792        RY   1287    1287    1287    1286    1286    1288    1290    1292

793        KK     128
794        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 128
795        BA    .41
796        LG    .50     .00    3.59     .47     .00
797        UI    22.     22.     25.     73.     90.    106.    120.    133.    151.    170.
798        UI   206.    264.    270.    223.    195.    175.    155.    136.    119.    105.
799        UI    89.     64.     41.     38.     36.     29.     22.     22.     14.      7.
800        UI     7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
801        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

802        KK   CP128
803        KM        ADD HYDROGRAPHS AT CP128
804        HC      2    1.77
```



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

805        KK    R128
806        KM        ROUTE FLOW FROM CP128 TO CP130
807        RS     38              -1       0
808        RC   .075    .075    .075    6240   .0062
809        RX   1000    1400    1770    2240    3260    3468    3469    3470
```

```
810          RY   1272    1270    1268    1266    1266    1267    1267    1267       .

811          KK   D119A
812          KM        RETURN DIVERT AT CP119A
813          DR   DI130

814          KK   R119A
815          KM        ROUTE FLOW FROM CP119A TO CP130
816          RS      5              -1       0
817          RC    .08     .08     .08    6318   .0062
818          RX   1000    1400    1770    2240    3260    3468    3469    3470
819          RY   1272    1270    1268    1266    1266    1267    1267    1267

820          KK    130
821          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 130
822          BA   1.00
823          LG    .50     .00    5.01     .28     .00
824          UI    37.     37.     37.     37.    108.    133.    156.    177.    194.    210.
825          UI   225.    244.    269.    289.    327.    397.    453.    482.    418.    371.
826          UI   338.    312.    291.    264.    241.    221.    202.    184.    170.    142.
827          UI   108.     85.     66.     65.     61.     61.     46.     37.     37.     37.
828          UI    25.     11.     11.     11.     11.     11.     11.     11.     11.     11.
829          UI    11.     11.     11.     11.      0.      0.      0.      0.      0.      0.
830          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

831          KK   1I130
832          KM        ADD HYDROGRAPHS AT CP130
833          HC      3    3.24

834          KK    129
835          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 129
836          BA    .43
837          LG    .42     .05    4.24     .48    4.00
838          UI    28.     28.     72.    116.    143.    164.    189.    222.    287.    360.
839          UI   312.    259.    226.    192.    164.    139.    109.     71.     50.     47.
840          UI    36.     28.     23.      9.      9.      9.      9.      9.      9.      9.
841          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
842          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

843          KK    R129
844          KM        ROUTE FLOW FROM CP129 TO CP130
845          RS      9              -1       0
846          RC   .075     .04     .04    5280    .006
847          RX   1000    1250    1450    2070    2080    2098    2099    2100
848          RY   1270    1268    1266    1264    1264    1265    1265    1265
```



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


849          KK   CP130
850          KM        ADD HYDROGRAPHS AT CP130.
851          HC      3    5.54

852          KK    D130
853          KM        DIVERT TO CP144 FROM CP130
854          DT   DI144
855          DI      0      37     124     257     440     743    1487    2233    3928    6436
856          DQ      0       0       0       0       0     196     657    1133    2198    3747

857          KK    R130
858          KM        ROUTE REMAINDER FROM CP130 TO CP131A
```

```
859          RS       8              -1
860          RC    .075     .04     .04    2640   .0057
861          RX    1000    1001    1640    2050    2290    2328    2329    2330
862          RY    1234    1234    1232    1230    1230    1231    1231    1231

863          KK    131A
864          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 131A
865          BA     .49
866          LG     .50     .00    5.47     .34     .00
867          UI     22.     22.     22.     48.     77.     93.    106.    119.    129.    142.
868          UI    159.    175.    208.    256.    285.    243.    212.    191.    174.    158.
869          UI    141.    128.    112.    103.     86.     64.     45.     39.     36.     36.
870          UI     27.     22.     22.     19.      7.      7.      7.      7.      7.      7.
871          UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
872          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

873          KK  CP131A
874          KM        ADD HYDROGRAPHS AT CP131A
875          HC       2    6.03

876          KK   R131A
877          KM        ROUTE REMAINDER FROM CP131A TO R131
878          RS       8              -1
879          RC    .075     .04     .04    2640   .0051
880          RX    1000    1001    1640    2050    2290    2328    2329    2330
881          RY    1234    1234    1232    1230    1230    1231    1231    1231

882          KK     131
883          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 131
884          BA     .49
885          LG     .50     .00    5.47     .34     .00
886          UI     22.     22.     22.     49.     78.     94.    107.    120.    130.    143.
887          UI    161.    177.    212.    261.    285.    241.    211.    190.    174.    157.
888          UI    140.    127.    111.    103.     83.     63.     42.     39.     36.     36.
889          UI     25.     22.     22.     17.      7.      7.      7.      7.      7.      7.
890          UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
891          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


892          KK   1I131
893          KM        ADD HYDROGRAPHS AT CP131
894          HC       2    6.52

895          KK    D112
896          KM        RETURN DIVERT AT CP112
897          DR  1D121A

898          KK    R112
899          KM        ROUTE FLOW FROM CP112 TO CP121A
900          RS       6              -1       0
901          RC     .05    .022     .05    6700   .0034
902          RX    1000    1180    1205    1225    1295    1320    1345    1670
903          RY    1265    1264    1262    1260    1260    1262    1264    1265

904          KK    121A
905          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 121A
906          BA     .50
907          LG     .46     .09    4.03     .57     .00
908          UI     26.     26.     30.     89.    109.    129.    146.    161.    183.    205.
```

```
909        UI    248.    317.    331.    274.    238.    214.    190.    166.    147.    129.
910        UI    109.     80.     52.     46.     43.     37.     26.     26.     19.      8.
911        UI      8.      8.      8.      8.      8.      8.      8.      8.      0.      0.
912        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

913        KK  1I121A
914        KM        ADD HYDROGRAPHS AT CP121A
915        HC       2    2.33

916        KK   D113A
917        KM        RETURN DIVERT AT CP113A
918        DR  2D121A

919        KK   R113A
920        KM        ROUTE FLOW FROM CP113A TO CP121A
921        RS       6              -1       0
922        RC     .05    .025     .05    5280   .0047
923        RX    1000    1001    1002    1020    1170    1200    1290    1500
924        RY    1278    1278    1278    1276    1276    1278    1279    1280

925        KK  CP121A
926        KM        ADD HYDROGRAPHS AT CP121A
927        HC       2    2.83

928        KK   R121A
929        KM        ROUTE FLOW FROM CP121A TO CP121
930        RS       2              -1       0
931        RC    .035    .035    .035    2640   .0096
932        RX    1000    1001    1002    1180    1200    1213    1214    1215
933        RY    1278    1278    1278    1276    1276    1277    1277    1277
```



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


934        KK     121
935        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 121
936        BA     .50
937        LG     .46     .09    4.03     .57     .00
938        UI     26.     26.     31.     90.    110.    130.    147.    163.    185.    209.
939        UI    253.    325.    328.    272.    237.    213.    189.    165.    145.    127.
940        UI    107.     77.     49.     46.     44.     35.     26.     26.     16.      8.
941        UI      8.      8.      8.      8.      8.      8.      8.      0.      0.      0.
942        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

943        KK   CP121
944        KM        ADD HYDROGRAPHS AT CP121
945        HC       2    3.33

946        KK    R121
947        KM        ROUTE FLOW FROM CP121 TO CP131
948        RS       7              -1       0
949        RC    .035    .035    .075    5280   .0055
950        RX    1000    1001    1002    1050    1115    1450    1910    1570
951        RY    1239    1239    1239    1238    1238    1239    1240    1242

952        KK   CP131
953        KM        ADD HYDROGRAPHS AT CP131.
954        HC       2    8.52

955        KK    D131
956        KM        DIVERT TO CP145 FROM CP131
```

```
 957          DT   DI145
 958          DI       0      60     608    1900    3801    6042    9665
 959          DQ       0      39     491    1546    2353    4171    6841

 960          KK    R131
 961          KM        ROUTE REMAINDER FROM CP131 TO CP132
 962          RS       4              -1       0
 963          RC    .075    .035    .035    2150   .0028
 964          RX    1000    1370    1760    2150    2165    2173    2174    2175
 965          RY    1224    1222    1220    1218    1218    1219    1219    1219

 966          KK     132
 967          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 132
 968          BA     .41
 969          LG     .50     .00    4.15     .57     .00
 970          UI      19      19      19      49      70      86      98     108     118     132
 971          UI     147     169     212     248     223     191     170     155     140     124
 972          UI     112      98      89      70      55      34      34      32      30      19
 973          UI      19      19       8       6       6       6       6       6       6       6
 974          UI       6       6       0       0       0       0       0       0       0       0
 975          UI       0       0       0       0       0       0       0       0       0       0
1                                          HEC-1 INPUT                                          PAGE 23

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


 976          KK   CP132
 977          KM        ADD HYDROGRAPHS AT CP132
 978          HC       2    8.93

 979          KK    R132
 980          KM        ROUTE FLOW FROM CP132 TO CP133
 981          RS       5              -1       0
 982          RC     .08     .04     .04    2640    .003
 983          RX    1000    1400    1670    2050    2230    2258    2259    2260
 984          RY    1218    1216    1214    1212    1212    1213    1213    1213

 985          KK     133
 986          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 133
 987          BA     .49
 988          LG     .50     .00    3.62     .46     .00
 989          UI     22.     22.     22.     48.     77.     93.    106.    119.    129.    142.
 990          UI    159.    175.    208.    256.    285.    243.    212.    191.    174.    158.
 991          UI    141.    128.    112.    103.     86.     64.     45.     39.     36.     36.
 992          UI     27.     22.     22.     19.      7.      7.      7.      7.      7.      7.
 993          UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
 994          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 995          KK   1I133
 996          KM        ADD HYDROGRAPHS AT CP133
 997          HC       2    9.42

 998          KK   CP133
 999          KM        ADD HYDROGRAPHS AT CP133
1000          HC       2   14.48

1001          KK    D133
1002          KM        DIVERT TO CP146 FROM CP133
1003          DT   DI146
1004          DI       0      80     341    1081    2600    4587    7337
1005          DQ       0      32     136     432    1040    1835    2935
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```
1006        KK    D133
1007        KM        DIVERT TO CP147 FROM CP133
1008        DT   1D147
1009        DI       0      48     205     649    1560    2752    4402
1010        DQ       0      16      68     216     520     917    1467

1011        KK    R133
1012        KM        ROUTE REMAINDER FROM CP133 TO CP134
1013        RS       4              -1       0
1014        RC     .06    .035    .035    2640   .0049
1015        RX    1000    1340    1600    1815    1860    1888    1889    1890
1016        RY    1206    1204    1202    1200    1200    1203    1203    1203
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1017        KK    D122
1018        KM        RETURN DIVERT AT   CP122
1019        DR   DI134

1020        KK    R122
1021        KM        ROUTE FLOW FROM CP122 TO CP134
1022        RS       8              -1       0
1023        RC     .04     .04    .075    6700   .0051
1024        RX    1000    1001    1002    1045    1150    1570    1960    2350
1025        RY    1209    1209    1209    1208    1208    1210    1212    1214

1026        KK     134
1027        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 134
1028        BA     .50
1029        LG     .50     .00    3.67     .46     .00
1030        UI     22.     22.     22.     49.     79.     95.    108.    122.    132.    145.
1031        UI    162.    178.    213.    261.    291.    248.    216.    195.    178.    161.
1032        UI    143.    131.    114.    105.     88.     65.     46.     39.     37.     37.
1033        UI     27.     22.     22.     20.      7.      7.      7.      7.      7.      7.
1034        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
1035        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1036        KK   1I134
1037        KM        ADD HYDROGRAPHS AT CP134
1038        HC       2    8.39

1039        KK     123
1040        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 123
1041        BA     .44
1042        LG     .50     .00    6.21     .30     .00
1043        UI     20.     20.     20.     51.     74.     90.    103.    114.    124.    138.
1044        UI    155.    175.    222.    259.    243.    208.    184.    167.    152.    134.
1045        UI    121.    107.     97.     81.     60.     41.     36.     34.     33.     23.
1046        UI     20.     20.     13.      6.      6.      6.      6.      6.      6.      6.
1047        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
1048        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1049        KK    D123
1050        KM        DIVERT TO CP124 FROM CP123
1051        DT   DI124
1052        DI       0      94     177     293     448     683    1014    1440    1964    2593
1053        DQ       0      94     177     293     448     448     448     448     448     448

1054        KK    R123
1055        KM        ROUTE REMAINDER FROM CP123 TO CP134
```

```
1056        RS      6              -1       0
1057        RC    .04     .04    .075    5280   .0038
1058        RX   1000    1001    1002    1045    1150    1570    1960    2350
1059        RY   1209    1209    1209    1208    1208    1210    1212    1214
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1060        KK   2I134
1061        KM        ADD HYDROGRAPHS AT CP134
1062        HC       2    8.83

1063        KK   CP134
1064        KM        ADD HYDROGRAPHS AT CP134
1065        HC       2   15.42

1066        KK    D134
1067        KM        DIVERT TO CP147 FROM CP134
1068        DT   2D147
1069        DI       0      26     162     614    1050    2192    3494    6483   10967
1070        DQ       0       0      62     352     697    1575    2539    4742    8027

1071        KK    R134
1072        KM        ROUTE REMAINDER FROM CP134 TO CP135
1073        RS       2              -1       0
1074        RC     .06     .03     .03    2640   .0045
1075        RX    1000    1490    1950    2015    2040    2048    2049    2050
1076        RY    1194    1192    1190    1188    1188    1189    1189    1189

1077        KK    D123
1078        KM        RETURN DIVERT AT CP123
1079        DR   DI124

1080        KK    R123
1081        KM        ROUTE FLOW FROM CP123 TO CP124
1082        RS       4              -1       0
1083        RC    .075    .035    .035    2640   .0038
1084        RX    1000    1350    1690    2040    2130    2148    2149    2150
1085        RY    1216    1214    1212    1210    1210    1211    1211    1211

1086        KK     124
1087        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 124
1088        BA     .57
1089        LG     .50     .00    6.41     .29     .00
1090        UI     20.     20.     20.     20.     50.     70.     80.     94.    102.    111.
1091        UI    118.    128.    138.    152.    163.    188.    228.    254.    257.    223.
1092        UI    201.    183.    170.    159.    146.    133.    122.    112.    102.     95.
1093        UI     82.     66.     57.     36.     36.     34.     33.     33.     21.     20.
1094        UI     20.     20.     12.      6.      6.      6.      6.      6.      6.      6.
1095        UI      6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
1096        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1097        KK   CP124
1098        KM        ADD HYDROGRAPHS AT CP124
1099        HC       2    1.01

1100        KK    D124
1101        KM        DIVERT TO CP136 FROM CP124
1102        DT   DI136
1103        DI       0      42      84     232     605    1435    2923
1104        DQ       0      25      51     128     292     519     798
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1105        KK   D124
1106        KM       DIVERT TO CP125 FROM CP124
1107        DT  DI125
1108        DI      0      17      33     104     313     916    2125
1109        DQ      0      17      33      82     189     341     534

1110        KK   R124
1111        KM       ROUTE REMAINDER FROM CP124 TO CP135
1112        RS     10              -1       0
1113        RC   .035    .035    .075    5280   .0042
1114        RX   1000    1001    1002    1020    1070    1360    1800    2190
1115        RY   1195    1195    1195    1194    1194    1196    1198    1200

1116        KK  1I135
1117        KM       ADD HYDROGRAPHS AT CP135
1118        HC      2   15.63

1119        KK    135
1120        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 135
1121        BA    .49
1122        LG    .50     .00    3.58     .44     .00
1123        UI    21.     21.     21.     35.     69.     82.     97.    106.    117.    126.
1124        UI   139.    154.    170.    203.    249.    267.    228.    200.    181.    167.
1125        UI   153.    136.    124.    112.    100.     89.     72.     57.     36.     36.
1126        UI    34.     34.     24.     21.     21.     20.      6.      6.      6.      6.
1127        UI     6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
1128        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1129        KK  CP135
1130        KM       ADD HYDROGRAPHS AT CP135
1131        HC      2   16.48

1132        KK   D135
1133        KM       DIVERT TO CP148 FROM CP135
1134        DT  DI148
1135        DI      0      24     136     323     849    1809    2524    4155    6589    8820
1136        DQ      0       0       0      21     135     427     747    1477    2566    3013

1137        KK   R135
1138        KM       ROUTE REMAINDER FROM CP135 TO CP136
1139        RS      4              -1       0
1140        RC   .075    .035    .035    2640   .0038
1141        RX   1000    1430    1790    2250    2275    2298    2299    2300
1142        RY   1182    1180    1178    1176    1176    1177    1177    1177

1143        KK   D124
1144        KM       RETURN DIVERT AT CP124
1145        DR  DI136
```



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

1146        KK   R124
1147        KM       ROUTE FLOW FROM CP124 TO CP136
1148        RS     50              -1       0
1149        RC    .07     .07     .07    6084   .0053
```

```
1150        RX    1000    1001    1002    1260    2160    2448    2449    2450
1151        RY    1193    1193    1193    1192    1192    1193    1193    1193

1152        KK     136
1153        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 136
1154        BA     .46
1155        LG     .50     .00    3.67     .42     .00
1156        UI     21.     21.     21.     45.     73.     88.    100.    112.    122.    134.
1157        UI    150.    165.    198.    243.    268.    227.    198.    179.    164.    147.
1158        UI    131.    120.    105.     96.     79.     59.     40.     36.     34.     34.
1159        UI     24.     21.     21.     17.      6.      6.      6.      6.      6.      6.
1160        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
1161        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1162        KK   1I136
1163        KM        ADD HYDROGRAPHS AT CP136
1164        HC       2    1.47

1165        KK   CP136
1166        KM        ADD HYDROGRAPHS AT CP136
1167        HC       2   16.94

1168        KK    R136
1169        KM        ROUTE FLOW FROM CP136 TO CP137
1170        RS       5              -1       0
1171        RC     .08    .035    .035    2640   .0042
1172        RX    1000    1370    1790    3210    3270    3298    3299    3300
1173        RY    1170    1168    1166    1164    1164    1165    1165    1165

1174        KK     137
1175        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 137
1176        BA     .54
1177        LG     .50     .00    4.62     .36     .00
1178        UI     18.     18.     18.     18.     37.     61.     70.     82.     89.     98.
1179        UI    104.    111.    120.    131.    141.    153.    179.    210.    240.    227.
1180        UI    200.    180.    166.    154.    145.    134.    121.    113.    104.     94.
1181        UI     88.     79.     67.     53.     41.     32.     32.     30.     30.     27.
1182        UI     18.     18.     18.     18.     10.      6.      6.      6.      6.      6.
1183        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
1184        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1185        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1186        KK   1I137
1187        KM        ADD HYDROGRAPHS AT CP137
1188        HC       2   17.12
```



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


1189        KK    100A
1190        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 100A
1191        BA     .18
1192        LG     .50     .00    4.58     .28     .00
1193        UI     15.     18.     53.     72.     85.    102.    127.    179.    163.    130.
1194        UI    109.     90.     73.     54.     31.     25.     20.     15.      9.      5.
1195        UI      5.      5.      5.      5.      0.      0.      0.      0.      0.      0.
1196        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1197        KK   R100A
1198        KM        ROUTE REMAINDER FROM CP100A TO CP100
1199        RS      23              -1       0
```

```
1200        RC      .1      .1      .1    6500   .0058
1201        RX    1000    1200    1350    1550    1825    1950    2200    2500
1202        RY    1280  1279.5    1279    1278    1278    1279    1280  1280.5

1203        KK     100
1204        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 100
1205        BA     .26
1206        LG     .50     .00    4.58     .28     .00
1207        UI     19.     19.     59.     83.    101.    117.    139.    172.    235.    211.
1208        UI    172.    147.    123.    104.     86.     61.     35.     32.     26.     19.
1209        UI     15.      6.      6.      6.      6.      6.      6.      0.      0.      0.
1210        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1211        KK   CP100
1212        KM        ADD HYDROGRAPHS AT CP100
1213        HC       2     .44

1214        KK    R100
1215        KM        ROUTE REMAINDER FROM CP100 TO CP109
1216        RS      23              -1       0
1217        RC      .1      .1      .1    6942   .0058
1218        RX    1000    1200    1350    1550    1825    1950    2200    2500
1219        RY    1280  1279.5    1279    1278    1278    1279    1280  1280.5

1220        KK     109
1221        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 109
1222        BA     .85
1223        LG     .50     .00    4.68     .32     .00
1224        UI     32.     32.     32.     32.     93.    114.    134.    151.    166.    180.
1225        UI    192.    210.    231.    248.    283.    345.    389.    408.    352.    315.
1226        UI    286.    264.    247.    223.    204.    188.    170.    155.    141.    119.
1227        UI     91.     68.     56.     55.     52.     52.     36.     32.     32.     32.
1228        UI     18.     10.     10.     10.     10.     10.     10.     10.     10.     10.
1229        UI     10.     10.     10.      0.      0.      0.      0.      0.      0.      0.
1230        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1231        KK   CP109
1232        KM        ADD HYDROGRAPHS AT CP109
1233        HC       2    1.29
```



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


1234        KK    R109
1235        KM        ROUTE FLOW FROM CP109 TO CP116
1236        RS      10              -1       0
1237        RC     .05     .05    .075    5694   .0046
1238        RX    1000    1001    1002    1060    1270    1610    1900    2000
1239        RY    1243    1243    1243    1242    1242    1244    1246    1247

1240        KK     116
1241        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 116
1242        BA    1.02
1243        LG     .50     .00    5.44     .33     .00
1244        UI     34.     34.     34.     34.     57.    111.    127.    146.    161.    175.
1245        UI    187.    200.    214.    231.    253.    268.    304.    362.    405.    447.
1246        UI    393.    351.    320.    296.    277.    262.    238.    220.    204.    188.
1247        UI    171.    160.    144.    123.     97.     76.     60.     60.     56.     55.
1248        UI     54.     34.     34.     34.     34.     25.     10.     10.     10.     10.
1249        UI     10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
1250        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
1251        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

1252        KK   CP116
1253        KM       ADD HYDROGRAPHS AT CP116
1254        HC      2    2.31

1255        KK    R116
1256        KM       ROUTE FLOW FROM CP116 TO CP117
1257        RS      4             -1      0
1258        RC    .05    .022    .022   4300   .0037
1259        RX   1000    1001    1002   1155    1185    1200    1240    1295
1260        RY   1220    1220    1220   1218    1218  1218.5    1218    1221

1261        KK     110
1262        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 110
1263        BA    .31
1264        LG    .46     .08    7.29    .18     .00
1265        UI    17.     17.     24.    59.     73.     87.     97.    108.    125.    142.
1266        UI   183.    219.    192.   162.    143.    129.    111.     98.     85.     72.
1267        UI    53.     35.     30.    28.     23.     17.     17.      9.      5.      5.
1268        UI     5.      5.      5.     5.      5.      5.      0.      0.      0.      0.
1269        UI     0.      0.      0.     0.      0.      0.      0.      0.      0.      0.

1270        KK    R110
1271        KM       ROUTE FLOW FROM CP110 TO CP117
1272        RS     10             -1      0
1273        RC    .05     .05    .075   4212   .0050
1274        RX   1000    1001    1002   1015    1240    1740    2320    2670
1275        RY   1223    1223    1223   1222    1222    1224    1226    1228

1276        KK     117
1277        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 117
1278        BA    .41
1279        LG    .35     .09    4.12    .37    8.00
1280        UI    23.     23.     38.    83.    104.    121.    136.    154.    176.    209.
1281        UI   271.    296.    242.   209.    186.    162.    142.    122.    107.     80.
```



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

1282        UI    55.     41.     39.    34.     23.     23.     14.      7.      7.      7.
1283        UI     7.      7.      7.     7.      7.      0.      0.      0.      0.      0.
1284        UI     0.      0.      0.     0.      0.      0.      0.      0.      0.      0.

1285        KK   1I117
1286        KM       ADD HYDROGRAPHS AT CP117
1287        HC      2     .72

1288        KK   2I117
1289        KM       ADD HYDROGRAPHS AT CP117
1290        HC      2    3.03

1291        KK    117A
1292        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 117A
1293        BA    .21
1294        LG    .50     .00    6.96    .25     .00
1295        UI    12.     12.     19.    42.     53.     62.     70.     78.     90.    107.
1296        UI   138.    152.    124.   107.     95.     83.     73.     63.     55.     41.
1297        UI    28.     21.     20.    18.     12.     12.      8.      4.      4.      4.
1298        UI     4.      4.      4.     4.      4.      0.      0.      0.      0.      0.
1299        UI     0.      0.      0.     0.      0.      0.      0.      0.      0.      0.
```

```
1300        KK   R117A
1301        KM        ROUTE FLOW FROM CP117A TO CP117
1302        RS       4              -1       0
1303        RC    .035    .035     .06    2000   .0060
1304        RX    1000    1001    1002    1020    1090    1670    1850    2060
1305        RY  1212.5  1212.5  1212.5    1212    1212    1214    1215    1216

1306        KK   CP117
1307        KM        ADD HYDROGRAPHS AT CP117
1308        HC       2    3.24

1309        KK    R117
1310        KM        ROUTE FLOW FROM CP117 TO CP125
1311        RS       5              -1       0
1312        RC    .022    .022    .025    5450   .0033
1313        RX    1000    1001    1002    1025    1060    1355    1765    1910
1314        RY    1197    1197    1197    1196    1196    1198    1200    1201

1315        KK     125
1316        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 125
1317        BA    1.00
1318        LG     .35     .33    4.58     .24     .00
1319        UI     86.    124.    324.    432.    517.    629.    845.   1065.    850.    700.
1320        UI    569.    463.    367.    211.    148.    127.     86.     59.     26.     26.
1321        UI     26.     26.     26.      0.      0.      0.      0.      0.      0.      0.
1322        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1323        KK   1I125
1324        KM        ADD HYDROGRAPHS AT CP125
1325        HC       2    4.24
```



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


1326        KK    D124
1327        KM        RETURN DIVERT AT CP124
1328        DR   DI125

1329        KK    R124
1330        KM        ROUTE FLOW FROM CP124 TO CP125
1331        RS       7              -1       0
1332        RC    .025    .022    .022    5280   .0034
1333        RX    1000    1220    1400    1660    1680    1708    1709    1710
1334        RY    1200    1198    1196    1194    1194    1195    1195    1195

1335        KK   CP125
1336        KM        ADD HYDROGRAPHS AT CP125
1337        HC       2    5.25

1338        KK    D125
1339        KM        DIVERT TO CP126 FROM CP125
1340        DT   DI126
1341        DI       0      29     228     748    1285    2526    4403    6923   10115
1342        DQ       0      10      76     249     428     842    1468    2308    3372

1343        KK    D125
1344        KM        DIVERT TO CP138 FROM CP125
1345        DT   DI138
1346        DI       0      19     152     499     857    1684    2935    4615    6743
1347        DQ       0      10      76     249     428     842    1468    2308    3372
```

```
KK    R125
KM        ROUTE REMAINDER FROM CP125 TO CP137
RS       8              -1       0
RC    .035    .035    .075    5280   .0047
RX    1000    1001    1002    1030    1175    1640    2135    2600
RY    1171    1171    1171  1169.5    1170    1172    1174    1176

KK   CP137
KM        ADD HYDROGRAPHS AT CP137
HC       2   21.72

KK    D137
KM        DIVERT TO CP149 FROM CP137
DT   DI149
DI       0       6     169     684    1659    3199    5400    8353   12141
DQ       0       2      56     228     553    1066    1800    2784    4047

KK    D137
KM        DIVERT TO CP153 FROM CP137
DT   DI153
DI       0       4     113     456    1106    2133    3600    6553    8094
DQ       0       2      56     228     553    1066    1800    2784    4047
```



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


KK    R137
KM        ROUTE REMAINDER FROM CP137 TO CP138
RS      22              -1       0
RC     .08     .03     .03    5280   .0021
RX    1000    2200    2310    2320    2340    2368    2369    2370
RY    1162    1156  1156.5    1156    1156    1157    1157    1157

KK     118
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 118
BA     .15
LG     .50     .00    5.11     .37     .00
UI      8.      8.     11.     28.     35.     41.     47.     52.     60.     68.
UI     87.    104.     94.     79.     70.     62.     54.     48.     41.     36.
UI     27.     18.     14.     13.     12.      8.      8.      5.      3.      3.
UI      3.      3.      3.      3.      3.      3.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK    R118
KM        ROUTE FLOW FROM CP118 TO CP126
RS      19              -1       0
RC    .035    .035    .075    6708   .0049
RX    1000    1001    1030    1140    1260    1660    2349    2350
RY  1192.5  1192.5    1192    1190    1190    1191    1192    1192

KK     126
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 126
BA     .95
LG     .50     .00    4.79     .39     .00
UI     35.     35.     35.     35.     95.    123.    143.    164.    179.    193.
UI    208.    223.    247.    266.    295.    345.    412.    460.    407.    360.
UI    325.    299.    279.    258.    233.    215.    197.    177.    165.    144.
UI    118.    100.     62.     61.     59.     57.     57.     35.     35.     35.
UI     35.     16.     11.     11.     11.     11.     11.     11.     11.     11.
UI     11.     11.     11.     11.     11.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
1399        KK   1I126
1400        KM        ADD HYDROGRAPHS AT CP126
1401        HC       2    1.10

1402        KK    D125
1403        KM        RETURN DIVERT AT CP125
1404        DR   DI126

1405        KK    R125
1406        KM        ROUTE FLOW FROM CP125 TO CP126
1407        RS       4              -1       0
1408        RC     .05     .03     .03    5280   .0038
1409        RX    1000    1350    1570    1590    1630    1645    1650    1670
1410        RY    1184    1182    1180    1176    1176    1180    1182    1183
```



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


1411        KK   CP126
1412        KM        ADD HYDROGRAPHS AT CP126
1413        HC       2    6.35

1414        KK    D126
1415        KM        DIVERT TO CP139 FROM CP126
1416        DT   DI139
1417        DI       0     100     500    1000    1500    2000
1418        DQ       0      80     400     800    1200    1600

1419        KK    R126
1420        KM        ROUTE FLOW FROM CP126 TO CP138
1421        RS       8              -1       0
1422        RC    .035    .035    .075    5280   .0030
1423        RX    1000    1001    1002    1010    1180    1560    2020    2200
1424        RY    1161    1161    1161    1160    1160    1162    1164    1165

1425        KK    D125
1426        KM        RETURN DIVERT AT CP125
1427        DR   DI138

1428        KK    R125
1429        KM        ROUTE FLOW FROM CP125 TO CP138
1430        RS      50              -1       0
1431        RC    .075    .075    .075    7500   .0048
1432        RX    1000    1050    1100    1200    2020    2198    2250    2300
1433        RY    1171  1170.5  1170.5    1170    1170  1170.5  1170.5    1171

1434        KK     138
1435        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 138
1436        BA    1.00
1437        LG     .50     .00    4.81     .38     .00
1438        UI     36.     36.     36.     36.     92.    125.    144.    168.    183.    198.
1439        UI    212.    229.    249.    272.    295.    344.    409.    469.    441.    386.
1440        UI    347.    319.    296.    277.    251.    229.    212.    193.    177.    163.
1441        UI    138.    105.     86.     64.     64.     59.     59.     50.     36.     36.
1442        UI     36.     34.     11.     11.     11.     11.     11.     11.     11.     11.
1443        UI     11.     11.     11.     11.     11.     11.      0.      0.      0.      0.
1444        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1445        KK   1I138
1446        KM        ADD HYDROGRAPHS AT CP138
```

```
1447        HC      2    6.25

1448        KK   2I138
1449        KM        ADD HYDROGRAPHS AT CP138
1450        HC      2    7.35

1451        KK   CP138
1452        KM        ADD HYDROGRAPHS AT CP138
1453        HC      2   23.82
```



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


1454        KK    D137
1455        KM        RETURN DIVERT AT CP137
1456        DR   DI153

1457        KK    R137
1458        KM        ROUTE FLOW FROM CP137 TO CP153
1459        RS      51              -1       0
1460        RC    .075    .075    .075    5600   .0018
1461        RX     900    1000    1200    1450    1800    2000    2300    2450
1462        RY  1156.5    1156    1155  1154.7  1154.7    1155    1156  1156.5

1463        KK     153
1464        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 153
1465        BA     .20
1466        LG     .50     .00    3.58     .43     .00
1467        UI      7.      7.      7.      7.     17.     24.     28.     33.     35.     39.
1468        UI     41.     44.     48.     53.     56.     65.     79.     87.     91.     79.
1469        UI     71.     65.     60.     56.     52.     47.     43.     40.     36.     33.
1470        UI     29.     24.     20.     13.     12.     12.     12.     12.      8.      7.
1471        UI      7.      7.      5.      2.      2.      2.      2.      2.      2.      2.
1472        UI      2.      2.      2.      2.      2.      2.      0.      0.      0.      0.
1473        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1474        KK   CP153
1475        KM        ADD HYDROGRAPHS AT CP153
1476        HC      2   21.92

1477        KK   CP138
1478        KM        ADD HYDROGRAPHS AT CP138
1479        HC      2   24.02

1480        KK   SR138
1481        KM        STOAGE ROUTE BEHIND RAILROAD.
1482        RS      1    STOR       0       0
1483        SV      0    0.02    1.88    8.52   32.96
1484        SQ      0      18     465    1658    8940
1485        SE  1047.9    1048  1048.5    1049    1050

1486        KK    D138
1487        KM        DIVERT TO CP154 FROM CP138
1488        DT   DI154
1489        DI      0      44     392    1366    3326    6347   10546   16046
1490        DQ      0      30     268     874    1974    3682    6100    9324

1491        KK    R138
1492        KM        ROUTE REMAINDER FROM CP138 TO CP157
1493        RS     15              -1       0
1494        RC    .075     .04    .075    6708   .0051
```

```
1495        RX    1000    1001    1580    2290    2450    2710    2799    2800
1496        RY    1140    1140    1138    1136    1136    1138    1140    1140
```



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

1497        KK    D138
1498        KM        RETURN DIVERT AT CP138
1499        DR   DI154

1500        KK    R138
1501        KM        ROUTE FLOW FROM CP138 TO CP154
1502        RS      15              -1       0
1503        RC     .08     .08     .08    2640   .0026
1504        RX    1000    1001    1002    1025    1160    1840    2099    2100
1505        RY    1145    1145    1145    1144    1144    1146    1148    1148

1506        KK     154
1507        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 154
1508        BA     .17
1509        LG     .50     .00    3.53     .39     .00
1510        UI     12.     12.     36.     53.     64.     74.     87.    106.    146.    142.
1511        UI    114.     98.     82.     69.     58.     43.     27.     21.     19.     12.
1512        UI     12.      5.      4.      4.      4.      4.      4.      4.      0.      0.
1513        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1514        KK   CP154
1515        KM        ADD HYDROGRAPHS AT CP154
1516        HC       2   24.19

1517        KK    R154
1518        KM        ROUTE FLOW FROM CP154 TO CP157
1519        RS      19              -1       0
1520        RC     .07     .06     .07    5800   .0048
1521        RX    1000    1001    1580    2290    2450    2710    3199    3200
1522        RY    1140    1140    1138    1136    1136    1138    1140    1140

1523        KK     157
1524        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 157
1525        BA     .89
1526        LG     .28     .00    3.71     .30     .00
1527        UI     64.     64.    193.    278.    339.    392.    463.    568.    781.    736.
1528        UI    593.    510.    427.    361.    303.    216.    133.    109.     97.     64.
1529        UI     63.     20.     20.     20.     20.     20.     20.     20.      0.      0.
1530        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1531        KK   1I157
1532        KM        ADD HYDROGRAPHS AT CP157
1533        HC       2   25.08

1534        KK   2I157
1535        KM        ADD HYDROGRAPHS AT CP157
1536        HC       2   25.08

1537        KK     127
1538        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 127
1539        BA     .22
1540        LG     .12     .18    7.17     .15   20.00
1541        UI     90.    276.    510.    430.    243.     91.     37.     15.      0.      0.
1542        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

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

1543          KK    R127
1544          KM        ROUTE FLOW FROM CP127 TO CP139
1545          RS     29              -1       0
1546          RC    .08     .08     .08    3744   .0032
1547          RX   1000    1001    1002    1410    1820    2410    2860    3000
1548          RY   1155    1155    1155    1154    1154    1156    1158    1159

1549          KK    139
1550          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 139
1551          BA    .47
1552          LG    .50     .00    5.73     .32     .00
1553          UI    20.     20.     20.     41.     71.     85.     98.    110.    118.    130.
1554          UI   145.    158.    185.    227.    264.    242.    209.    187.    169.    156.
1555          UI   139.    126.    113.    101.     90.     72.     57.     36.     36.     34.
1556          UI    34.     22.     20.     20.     16.      6.      6.      6.      6.      6.
1557          UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
1558          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1559          KK   1I139
1560          KM        ADD HYDROGRAPHS AT CP139
1561          HC      2     .69

1562          KK    D126
1563          KM        RETURN DIVERT AT CP126.
1564          DR   DI139

1565          KK    R126
1566          KM        ROUTE FLOW FROM CP126 TO CP139
1567          RS     29              -1       0
1568          RC    .08     .08     .08    3744   .0032
1569          RX   1000    1001    1002    1410    1820    2410    2860    3000
1570          RY   1155    1155    1155    1154    1154    1156    1158    1159

1571          KK   2I139
1572          KM        ADD HYDROGRAPHS AT CP139
1573          HC      2    7.04

1574          KK    140
1575          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 140
1576          BA    .18
1577          LG    .50     .00    5.47     .25     .00
1578          UI    13.     13.     35.     53.     65.     75.     88.    104.    142.    155.
1579          UI   123.    105.     90.     76.     64.     52.     33.     22.     21.     16.
1580          UI    13.      9.      4.      4.      4.      4.      4.      4.      0.      0.
1581          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1582          KK   CP139
1583          KM        ADD HYDROGRAPHS AT CP139
1584          HC      2    7.22
```



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

1585          KK   SR139
1586          KM        STOAGE ROUTE BEHIND RAILROAD.
1587          RS      1    STOR       0       0
1588          SV      0    1.14    3.12    6.43   29.35
```

```
1589        SQ      0       0     170    1037    5977
1590        SE  1046.2  1047.2  1047.5    1048    1049

1591        KK    R139
1592        KM        ROUTE FLOW FROM CP139 TO CP156
1593        RS      9              -1       0
1594        RC    .075    .075    .075    2028   .0059
1595        RX    1000    1310    1500    1610    1850    2020    3199    3200
1596        RY    1147    1146    1144    1143    1143    1144    1146    1146

1597        KK     156
1598        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 156
1599        BA     .30
1600        LG     .35     .09    3.95     .38    8.00
1601        UI     18.     18.     33.     64.     82.     94.    106.    121.    139.    173.
1602        UI    223.    206.    171.    149.    132.    113.     99.     85.     69.     47.
1603        UI     31.     30.     28.     18.     18.     12.      5.      5.      5.      5.
1604        UI      5.      5.      5.      5.      0.      0.      0.      0.      0.      0.
1605        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1606        KK   CP156
1607        KM        ADD HYDROGRAPHS AT CP156
1608        HC      2    7.52

1609        KK    R156
1610        KM        ROUTE FLOW FROM CP156 TO CP157
1611        RS     34              -1       0
1612        RC    .05     .05    .075    5850   .0036
1613        RX    1000    1001    1002    1020    1110    1400    1900    2320
1614        RY    1133    1133    1133    1132    1132    1133    1131    1133

1615        KK   CP157
1616        KM        ADD HYDROGRAPHS AT CP157
1617        HC      2   26.25

1618        KK    R157
1619        KM        ROUTE FLOW FROM CP157 TO CP172
1620        RS      3              -1       0
1621        RC   .035    .022     .06    1150   .0035
1622        RX    1000    1001    1020    1035    1075    1090    1210    1770
1623        RY    1117    1117    1116    1114    1114    1115    1113    1117

1624        KK     172
1625        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 172
1626        BA     .12
1627        LG     .50     .00    3.91     .42     .00
1628        UI      9.      9.     28.     39.     47.     55.     66.     82.    112.     96.
1629        UI     79.     68.     56.     47.     39.     26.     16.     15.     11.      9.
1630        UI      6.      3.      3.      3.      3.      3.      3.      0.      0.      0.
1631        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

1632        KK   CP172
1633        KM        ADD HYDROGRAPHS AT CP172
1634        HC      2   26.37

1635        KK    R172
1636        KM        ROUTE FLOW FROM CP172 TO CP173
1637        RS      4              -1       0
```

```
1638        RC    .075     .03    .075    4500   .0042
1639        RX    1000    1200    1360    1380    1430    1470    1639    1640
1640        RY    1111    1110    1108    1106    1106    1108    1110    1110

1641        KK     173
1642        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 173
1643        BA     .31
1644        LG     .50     .00    4.25     .69     .00
1645        UI     15.     15.     15.     43.     57.     71.     79.     87.     96.    109.
1646        UI    121.    146.    184.    191.    160.    139.    125.    114.    100.     90.
1647        UI     79.     71.     57.     43.     27.     26.     25.     22.     15.     15.
1648        UI     14.      5.      5.      5.      5.      5.      5.      5.      5.      5.
1649        UI      5.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1650        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1651        KK   CP173
1652        KM        ADD HYDROGRAPHS AT CP173
1653        HC       2   26.68

1654        KK    156A
1655        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 156A
1656        BA     .31
1657        LG     .12     .25    4.28     .53   20.00
1658        UI     82.    276.    434.    664.    443.    275.    114.     65.     18.     18.
1659        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1660        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1661        KK   R156A
1662        KM        ROUTE FLOW FROM CP156A TO CP158
1663        RS      34              -1       0
1664        RC     .07     .07     .07    5400   .0030
1665        RX    1000    1001    1002    1380    2200    2838    2839    2840
1666        RY    1117    1117    1117    1116    1116    1118    1118    1118

1667        KK     158
1668        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158
1669        BA     .97
1670        LG     .39     .08    3.97     .91    6.00
1671        UI     44.     44.     44.    100.    156.    188.    216.    240.    261.    288.
1672        UI    323.    356.    430.    534.    560.    473.    416.    374.    344.    307.
1673        UI    274.    247.    220.    197.    157.    123.     77.     77.     72.     71.
1674        UI     44.     44.     44.     26.     13.     13.     13.     13.     13.     13.
1675        UI     13.     13.     13.     13.      0.      0.      0.      0.      0.      0.
1676        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

1677        KK   1I158
1678        KM        ADD HYDROGRAPHS AT CP158
1679        HC       2    1.28

1680        KK    158C
1681        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158C
1682        BA     .09
1683        LG     .46     .03    7.25     .21    9.00
1684        UI      7.      7.     25.     33.     40.     47.     57.     78.     86.     67.
1685        UI     57.     47.     39.     31.     21.     12.     12.      8.      7.      3.
1686        UI      2.      2.      2.      2.      2.      0.      0.      0.      0.      0.
1687        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
1688        KK   R158C
1689        KM        ROUTE FLOW FROM CP158C TO CP158B
1690        RS      12              -1       0
1691        RC     .07     .035     .07   10770   .0056
1692        RX    1000     1001    1120    1600    1670    1688    1689    1690
1693        RY  1062.5   1062.5    1062    1060    1060  1062.5  1062.5  1062.5

1694        KK    158B
1695        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158B
1696        BA     .67
1697        LG     .31      .11    3.50     .39   10.00
1698        UI     33.      33.     33.     95.    124.    154.    171.    189.    209.    237.
1699        UI    263.     319.    404.    410.    344.    301.    271.    246.    215.    193.
1700        UI    169.     154.    121.     92.     58.     57.     54.     47.     33.     33.
1701        UI     29.      10.     10.     10.     10.     10.     10.     10.     10.     10.
1702        UI     10.       0.      0.      0.      0.      0.      0.      0.      0.      0.
1703        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

1704        KK  CP158B
1705        KM        ADD HYDROGRAPHS AT CP158B
1706        HC       2     .76

1707        KK   R158B
1708        KM        ROUTE FLOW FROM CP158B TO CP158A
1709        RS       4              -1       0
1710        RC    .035     .035    .035    2500   .0024
1711        RX    1000     1130    1200    1240    1315    1338    1339    1340
1712        RY    1129     1128    1124    1122    1122    1126    1126    1126

1713        KK    158A
1714        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158A
1715        BA     .38
1716        LG     .50      .00    2.81    1.90     .00
1717        UI     15.      15.     15.     18.     50.     57.     68.     75.     83.     89.
1718        UI     96.     107.    116.    131.    161.    185.    193.    165.    147.    133.
1719        UI    123.     114.    102.     93.     85.     76.     70.     59.     45.     35.
1720        UI     27.      26.     25.     25.     16.     15.     15.     15.      5.      5.
1721        UI      5.       5.      5.      5.      5.      5.      5.      5.      5.      5.
1722        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
1723        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


1724        KK  CP158A
1725        KM        ADD HYDROGRAPHS AT CP158A
1726        HC       2    1.14

1727        KK  SR158A
1728        KM        STORAGE ROUTE THROUGH AT&SF RAILROAD BRIDGE
1729        RS       1    STOR       0       0
1730        SV       0    5.23    9.23   28.93   36.79   74.04  110.59   159.4  177.39  225.93
1731        SQ       0       0       0       0       0    1687    3972    6993    8033   11282
1732        SE  1101.5    1108    1110    1114    1115    1118    1120    1122  1122.6    1124

1733        KK   D158A
1734        KM        DIVERT FLOW TO THE AGUA FRIA RIVER
1735        DT  DI158A
1736        DI       0    1687    3972    6993    8033   11282
1737        DQ       0       0       0       0       0     592
```

```
1738        KK   R158A
1739        KM        ROUTE REMAINDER FROM CP158A TO CP158
1740        RS       9              -1       0
1741        RC     .07     .035     .07    5300   .0028
1742        RX    1000     1001    1235    1240    1290    1300    1345    1450
1743        RY    1117     1117    1116    1114    1114    1116    1118    1119

1744        KK   CP158
1745        KM        ADD HYDROGRAPHS AT CP158
1746        HC       2    2.42

1747        KK    R158
1748        KM        ROUTE FLOW FROM CP158 TO CP173B
1749        RS       6              -1       0
1750        RC     .07     .04     .07    4524   .0035
1751        RX    1000     1001    1240    1360    1440    1500    1650    1750
1752        RY    1113     1113    1112    1110    1110    1112    1114    1115

1753        KK    173B
1754        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 173B
1755        BA     .20
1756        LG     .46     .11    3.20    1.40     .00
1757        UI     12.     12.     21.     42.     53.     61.     69.     78.     90.    109.
1758        UI    143.    141.    116.    101.     89.     77.     67.     58.     49.     35.
1759        UI     22.     20.     19.     13.     12.     11.      4.      4.      4.      4.
1760        UI      4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
1761        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1762        KK  CP173B
1763        KM        ADD HYDROGRAPHS AT CP173B
1764        HC       2    2.62
```



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


1765        KK    158E
1766        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158E
1767        BA     .45
1768        LG     .17     .23    3.78     .39   16.00
1769        UI    105.    366.    561.    918.    672.    441.    208.    109.     48.     25.
1770        UI     25.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1771        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1772        KK   R158E
1773        KM        ROUTE FLOW FROM CP158E TO CP158D
1774        RS       6              -1       0
1775        RC     .03     .03     .03    3500   .0029
1776        RX    1000     1001    1200    1240    1290    1310    1549    1550
1777        RY    1151     1151    1150    1148    1148    1150    1151    1151

1778        KK    158D
1779        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158D
1780        BA     .37
1781        LG     .21     .23    3.73     .39   12.00
1782        UI     56.    221.    334.    501.    637.    439.    306.    169.     92.     54.
1783        UI     17.     17.     17.      0.      0.      0.      0.      0.      0.      0.
1784        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1785        KK  RC158D
1786        KM        ADD HYDROGRAPHS AT RCP158D
1787        HC       2     .82
```

```
1788        KK  RR158D
1789        KM       RIVER ROUTE FLOW AT RCP158D TO RCP158A
1790        RS      6              -1       0
1791        RC   .035    .035    .035    7200    .005
1792        RX   1000    1001    1002    1042    2042    2082    2083    2084
1793        RY   1135    1135    1135    1125    1125    1135    1135    1135

1794        KK   D158A
1795        KM       RETURN DIVERT AT RCP158A
1796        DR  DI158A

1797        KK  RC158A
1798        KM       ADD HYDROGRAPHS AT RCP158A
1799        HC      2    1.96

1800        KK  RR158A
1801        KM       RIVER ROUTE FLOW AT RCP158A TO RCP173B
1802        RS      6              -1       0
1803        RC    .04    .035     .04    9500    .005
1804        RX   1000    1001    1002    1042    2042    2082    2083    2084
1805        RY   1110    1110    1110    1100    1100    1110    1110    1110
```



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


1806        KK  RC173B
1807        KM       ADD HYDROGRAPHS AT RCP173B
1808        HC      2    3.44

1809        KK  RCP173
1810        KM       ADD HYDROGRAPHS AT RCP173
1811        HC      2   30.12

1812        KK   RR173
1813        KM       RIVER ROUTE FLOW FROM RCP173 TO RCP173A
1814        RS      1              -1       0
1815        RC   .035    .035    .035    1650   .0050
1816        RX   1000    1001    1002    1042    2042    2082    2083    2084
1817        RY   1101    1101    1101    1091    1091    1101    1101    1101

1818        KK    171
1819        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 171
1820        BA    .70
1821        LG    .50     .00    4.97     .32     .00
1822        UI    24.     24.     24.     24.     47.     78.     91.    106.    115.    126.
1823        UI   135.    143.    154.    169.    181.    197.    229.    271.    307.    296.
1824        UI   260.    235.    215.    200.    188.    174.    157.    147.    137.    122.
1825        UI   114.    105.     90.     68.     56.     42.     42.     39.     39.     38.
1826        UI    24.     24.     24.     24.     15.      7.      7.      7.      7.      7.
1827        UI     7.      7.      7.      7.      7.      7.      7.      7.      7.      0.
1828        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1829        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1830        KK   R171
1831        KM       ROUTE FLOW FROM CP171 TO CP173A
1832        RS      3              -1       0
1833        RC   .075     .04     .04    2100   .0076
1834        RX   1000    1001    1170    1940    2005    2048    2049    2050
1835        RY   1105    1105    1104    1102    1102    1103    1103    1103
```

```
1836        KK    173A
1837        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 173A
1838        BA     .20
1839        LG     .50     .00    5.03     .30     .00
1840        UI     12.     12.     26.     46.     58.     67.     76.     88.    102.    133.
1841        UI    158.    130.    110.     97.     83.     73.     62.     52.     37.     22.
1842        UI     21.     20.     12.     12.      8.      4.      4.      4.      4.      4.
1843        UI      4.      4.      0.      0.      0.      0.      0.      0.      0.      0.
1844        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1845        KK  CP173A
1846        KM        ADD HYDROGRAPHS AT CP173A
1847        HC       2     .90
```



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


1848        KK  RC173A
1849        KM        ADD HYDROGRAPHS AT RCP173A
1850        HC       2   31.02

1851        KK  RR173A
1852        KM        RIVER ROUTE FLOW FROM RCP173A TO RCP187
1853        RS       3              -1       0
1854        RC    .035    .035    .035    5600   .0050
1855        RX    1000    1001    1002    1042    2042    2082    2083    2084
1856        RY    1092    1092    1092    1082    1082    1092    1092    1092

1857        KK     186
1858        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 186
1859        BA     .33
1860        LG     .50     .00    3.52     .47     .00
1861        UI     12.     12.     12.     12.     35.     44.     51.     58.     64.     69.
1862        UI     74.     80.     88.     95.    108.    131.    149.    159.    138.    123.
1863        UI    112.    103.     96.     87.     80.     73.     67.     61.     56.     47.
1864        UI     36.     29.     22.     21.     20.     20.     15.     12.     12.     12.
1865        UI      9.      4.      4.      4.      4.      4.      4.      4.      4.      4.
1866        UI      4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
1867        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1868        KK    R186
1869        KM        ROUTE FLOW FROM CP186 TO CP187
1870        RS       5              -1       0
1871        RC     .08     .04     .04    1950   .0035
1872        RX    1000    1001    1200    1320    1690    1828    1829    1830
1873        RY    1097    1097    1096  1094.5  1094.5    1095    1095    1095

1874        KK     187
1875        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 187
1876        BA     .35
1877        LG     .46     .10    4.02     .39     .00
1878        UI     66.    147.     37.      5.      0.      0.      0.      0.      0.      0.
1879        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1880        KK   CP187
1881        KM        ADD HYDROGRAPHS AT CP187
1882        HC       2     .68

1883        KK  RCP187
1884        KM        ADD HYDROGRAPHS AT RCP187
1885        HC       2   31.70
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```
1886        KK   RR187
1887        KM        RIVER ROUTE FLOW FROM RCP187 TO RCP200
1888        RS       3              -1       0
1889        RC    .035    .035    .035    5460   .0050
1890        RX    1000    1001    1002    1042    2042    2082    2083    2084
1891        RY    1080    1080    1080    1070    1070    1080    1080    1080
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1892        KK     199
1893        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 199
1894        BA     .11
1895        LG     .50     .00    3.67     .45     .00
1896        UI      5.      5.      5.     11.     17.     21.     24.     27.     29.     32.
1897        UI     36.     40.     48.     59.     64.     54.     47.     43.     39.     35.
1898        UI     31.     28.     25.     23.     18.     14.      9.      9.      8.      8.
1899        UI      5.      5.      5.      4.      2.      2.      2.      2.      2.      2.
1900        UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
1901        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1902        KK    R199
1903        KM        ROUTE FLOW FROM CP199 TO CP200
1904        RS       9              -1       0
1905        RC     .08     .08     .08    2180   .0138
1906        RX    1000    1001    1002    1150    1700    1948    1949    1950
1907        RY    1077    1077    1077    1076    1076    1077    1077    1077

1908        KK     200
1909        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 200
1910        BA     .29
1911        LG     .43     .18    3.70     .41     .00
1912        UI     19.     19.     44.     74.     92.    105.    121.    140.    172.    230.
1913        UI    220.    179.    155.    135.    115.     98.     82.     59.     36.     32.
1914        UI     30.     19.     19.     11.      6.      6.      6.      6.      6.      6.
1915        UI      6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1916        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1917        KK   CP200
1918        KM        ADD HYDROGRAPHS AT CP200
1919        HC       2     .40

1920        KK  RCP200
1921        KM        ADD HYDROGRAPHS AT RCP200
1922        HC       2   32.10

1923        KK   RR200
1924        KM        RIVER ROUTE FLOW FROM RCP200 TO RCP206
1925        RS       2              -1       0
1926        RC    .035    .035    .035    2960   .0050
1927        RX    1000    1001    1002    1042    2042    2082    2083    2084
1928        RY    1070    1070    1070    1060    1060    1070    1070    1070

1929        KK     141
1930        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 141
1931        BA     .47
1932        LG     .35     .34    4.07     .52     .00
1933        UI     52.    126.    241.    310.    403.    607.    538.    413.    317.    239.
1934        UI    135.     88.     61.     41.     16.     16.     16.     16.      0.      0.
1935        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

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

1936          KK    R141
1937          KM        ROUTE FLOW FROM CP141 TO CP141A
1938          RS       1              -1       0
1939          RC    .025    .022    .022    1650   .0091
1940          RX    1000    1580    2170    2200    2230    2248    2249    2250
1941          RY    1194    1192    1190    1188    1188    1189    1189    1189

1942          KK    141A
1943          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 141A
1944          BA     .14
1945          LG     .35     .35    4.08     .52     .00
1946          UI     35.    122.    188.    302.    213.    138.     62.     34.     13.      8.
1947          UI      8.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1948          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1949          KK  CP141A
1950          KM        ADD HYDROGRAPHS AT CP141A
1951          HC       2     .62

1952          KK   R141A
1953          KM        ROUTE FLOW FROM CP141A TO CP142
1954          RS       2              -1       0
1955          RC     .06    .035    .035    2640   .0079
1956          RX    1000    1620    2100    2220    2250    2268    2269    2270
1957          RY    1276    1274    1272    1270    1270    1271    1271    1271

1958          KK     142
1959          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 142
1960          BA     .51
1961          LG     .50     .00    4.18     .47     .00
1962          UI     24.     24.     24.     59.     86.    105.    119.    132.    144.    161.
1963          UI    180.    203.    258.    300.    281.    241.    213.    194.    176.    155.
1964          UI    140.    124.    112.     94.     70.     48.     42.     39.     39.     26.
1965          UI     24.     24.     16.      7.      7.      7.      7.      7.      7.      7.
1966          UI      7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
1967          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1968          KK   CP142
1969          KM        ADD HYDROGRAPHS AT CP142
1970          HC       2    1.13

1971          KK    R142
1972          KM        ROUTE FLOW FROM CP142 TO CP143
1973          RS       8              -1       0
1974          RC     .07    .022    .022    2640   .0075
1975          RX    1000    1800    2235    2250    2275    2288    2289    2290
1976          RY    1250    1245    1247    1246    1246    1247    1247    1247

1977          KK     143
1978          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 143
1979          BA     .50
1980          LG     .50     .00    4.00     .41     .00
1981          UI     23.     23.     23.     57.     83.    101.    116.    128.    140.    155.
1982          UI    174.    196.    248.    289.    279.    237.    210.    190.    174.    153.
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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```
1983      UI   138.   123.   110.    94.    71.    50.    41.    39.    38.    28.
1984      UI    23.    23.    18.     7.     7.     7.     7.     7.     7.     7.
1985      UI     7.     7.     7.     0.     0.     0.     0.     0.     0.     0.
1986      UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

1987      KK   CP143
1988      KM        ADD HYDROGRAPHS AT CP143
1989      HC       2    1.63

1990      KK    R143
1991      KM        ROUTE FLOW FROM CP143 TO CP144
1992      RS       2              -1      0
1993      RC     .07    .03    .03   2640   .0072
1994      RX    1000   1490   2250   2370   2380   2394   2398   2400
1995      RY    1238   1236   1234   1232   1232   1233   1233   1233

1996      KK    D130
1997      KM        RETURN DIVERT AT CP130
1998      DR   DI144

1999      KK    R130
2000      KM        ROUTE FLOW FROM CP130 TO CP144
2001      RS       7              -1      0
2002      RC    .035   .035   .075   5280   .0049
2003      RX    1000   1001   1002   1020   1110   1570   2080   2370
2004      RY    1239   1239   1239   1238   1238   1240   1242   1244

2005      KK     144
2006      KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 144
2007      BA     .51
2008      LG     .50    .00   3.65    .46    .00
2009      UI     23.    23.    23.    58.    85.   103.   118.   130.   142.   159.
2010      UI    178.   200.   253.   294.   285.   242.   215.   194.   177.   156.
2011      UI    141.   125.   112.    96.    72.    51.    42.    39.    39.    28.
2012      UI     23.    23.    18.     7.     7.     7.     7.     7.     7.     7.
2013      UI      7.     7.     7.     0.     0.     0.     0.     0.     0.     0.
2014      UI      0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2015      KK   1I144
2016      KM        ADD HYDROGRAPHS AT CP144
2017      HC       2    6.05

2018      KK   CP144
2019      KM        ADD HYDROGRAPHS AT CP144
2020      HC       2    7.68

2021      KK    D144
2022      KM        DIVERT TO CP164A FROM CP144
2023      DT   D164A
2024      DI       0    407   1451   2130   3746   6248   9200  13452
2025      DQ       0      0    123    241    602   1278   1864   3217
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LINE      ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

2026      KK    R144
2027      KM        ROUTE REMAINDER FROM CP144 TO CP145A
2028      RS       7              -1      0
2029      RC    .075    .04    .04   2640   .0045
2030      RX    1000   1001   1630   2095   2150   2198   2199   2200
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2031        RY   1220    1216    1216    1214    1214    1215    1215    1215

2032        KK   145A
2033        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 145A
2034        BA    .49
2035        LG    .50     .00    3.78     .42     .00
2036        UI    21.     21.     21.     41.     73.     87.    101.    113.    122.    134.
2037        UI   149.    163.    188.    234.    270.    255.    219.    195.    178.    163.
2038        UI   146.    131.    119.    106.     96.     78.     61.     39.     37.     35.
2039        UI    35.     25.     21.     21.     19.      6.      6.      6.      6.      6.
2040        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
2041        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2042        KK  CP145A
2043        KM       ADD HYDROGRAPHS AT CP145A
2044        HC      2    8.17

2045        KK   R145A
2046        KM       ROUTE REMAINDER FROM CP145A TO CP145
2047        RS      7              -1       0
2048        RC   .075     .04     .04    2640   .0045
2049        RX   1000    1001    1630    2095    2150    2198    2199    2200
2050        RY   1220    1216    1216    1214    1214    1215    1215    1215

2051        KK   D131
2052        KM       RETURN DIVERT AT CP131
2053        DR   DI145

2054        KK   R131
2055        KM       ROUTE FLOW FROM CP131 TO CP145
2056        RS      8              -1       0
2057        RC    .04     .04    .075    5280   .0043
2058        RX   1000    1001    1002    1020    1050    1820    2210    2230
2059        RY   1213    1213    1213    1212    1212    1214    1216    1218

2060        KK    145
2061        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 145
2062        BA    .48
2063        LG    .50     .00    3.78     .42     .00
2064        UI    21.     21.     21.     47.     76.     91.    104.    117.    126.    139.
2065        UI   156.    171.    204.    251.    279.    238.    208.    187.    171.    155.
2066        UI   138.    125.    110.    101.     84.     63.     44.     38.     36.     35.
2067        UI    26.     21.     21.     19.      7.      7.      7.      7.      7.      7.
2068        UI     7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
2069        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

2070        KK   1I145
2071        KM       ADD HYDROGRAPHS AT CP145
2072        HC      2     9.0

2073        KK   CP145
2074        KM       ADD HYDROGRAPHS AT CP145
2075        HC      2   11.63

2076        KK    D145
2077        KM       DIVERT TO CP164 FROM CP145
2078        DT   DI164
2079        DI      0      37     218     475    1177    1902    3592    5561    8738
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2080        DQ      0      0      0     34    193    517   1285   1864   3181

2081        KK   D145
2082        KM        DIVERT TO CP165 FROM CP145
2083        DT   DI165
2084        DI      0     37    218    441    984   1385   2307   3697   5557
2085        DQ      0      0      0    111    383    584   1044   1740   2690

2086        KK   R145
2087        KM        ROUTE REMAINDER FROM CP145 TO CP146
2088        RS      5             -1      0
2089        RC   .075   .035   .035   4850  .0056
2090        RX   1000   1320   1650   1930   1955   1968   1969   1970
2091        RY   1192   1190   1188   1186   1186   1187   1187   1187

2092        KK   D133
2093        KM        RETURN DIVERT AT CP133
2094        DR   DI146

2095        KK   R133
2096        KM        ROUTE FLOW FROM CP133 TO CP146
2097        RS      8             -1      0
2098        RC   .035   .035   .075   5280  .0068
2099        RX   1000   1001   1002   1015   1080   1440   1740   2130
2100        RY   1187   1187   1187   1186   1186   1188   1190   1192

2101        KK    146
2102        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 146
2103        BA    .90
2104        LG    .50    .00   3.51    .47    .00
2105        UI    36.    36.    36.    47.   119.   138.   166.   182.   199.   215.
2106        UI   233.   260.   281.   323.   399.   452.   449.   386.   344.   314.
2107        UI   290.   266.   238.   217.   197.   178.   161.   132.   104.    70.
2108        UI    64.    61.    59.    52.    36.    36.    36.    25.    11.    11.
2109        UI    11.    11.    11.    11.    11.    11.    11.    11.    11.    11.
2110        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
2111        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


2112        KK   1I146
2113        KM        ADD HYDROGRAPHS AT CP146
2114        HC      2   15.02

2115        KK   CP146
2116        KM        ADD HYDROGRAPHS AT CP146
2117        HC      2   18.49

2118        KK   R146
2119        KM        ROUTE FLOW FROM CP146 TO CP165
2120        RS      7             -1      0
2121        RC    .04    .04   .075   5280  .0047
2122        RX   1000   1001   1002   1035   1085   1570   2180   2500
2123        RY   1159   1159   1159   1158   1158   1160   1162   1163

2124        KK    159
2125        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 159
2126        BA    .58
2127        LG    .35    .34   3.81    .65    .00
2128        UI    66.   169.   316.   407.   539.   797.   641.   495.   375.   269.
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2129        UI   139.    105.     66.     33.     20.     20.     20.      0.      0.      0.
2130        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2131        KK   R159
2132        KM        ROUTE FLOW FROM CP159 TO CP160
2133        RS      1              -1       0
2134        RC   .022    .022    .025    830   .0036
2135        RX   1000    1001    1002    1020    1060    1150    1320    1440
2136        RY   1265    1265    1265    1264    1264    1266    1268    1270

2137        KK    160
2138        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 160
2139        BA    .39
2140        LG    .35     .33    3.98     .34     .00
2141        UI    41.     92.    184.    238.    301.    435.    474.    354.    279.    216.
2142        UI   150.     79.     64.     41.     22.     13.     13.     13.     13.      0.
2143        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2144        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2145        KK   CP160
2146        KM        ADD HYDROGRAPHS AT CP160
2147        HC      2     .97

2148        KK   R160
2149        KM        ROUTE FLOW FROM CP160 TO CP161
2150        RS      3              -1       0
2151        RC   .075     .04     .04    2650   .0072
2152        RX   1000    1001    1210    1630    1670    1688    1689    1690
2153        RY   1259    1259    1258    1256    1256    1257    1257    1257
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


2154        KK    161
2155        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 161
2156        BA    .50
2157        LG    .49     .03    4.09     .77     .00
2158        UI    24.     24.     24.     70.     92.    114.    127.    140.    155.    176.
2159        UI   195.    236.    297.    307.    258.    225.    202.    184.    161.    145.
2160        UI   127.    115.     93.     70.     43.     42.     40.     36.     24.     24.
2161        UI    23.      7.      7.      7.      7.      7.      7.      7.      7.      7.
2162        UI     7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2163        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2164        KK   CP161
2165        KM        ADD HYDROGRAPHS AT CP161
2166        HC      2    1.47

2167        KK   R161
2168        KM        ROUTE FLOW FROM CP161 TO CP163
2169        RS      6              -1       0
2170        RC    .08     .04     .04    5280   .0074
2171        RX   1000    1500    1910    2455    2470    2488    2489    2490
2172        RY   1226    1224    1222    1220    1220    1221    1221    1221

2173        KK    162
2174        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 162
2175        BA    .25
2176        LG    .50     .00    3.96     .59     .00
2177        UI    22.     35.     86.    114.    137.    169.    233.    270.    206.    170.
2178        UI   138.    110.     78.     44.     37.     26.     22.      7.      7.      7.
```

```
2179        UI     7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
2180        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2181        KK   R162
2182        KM        ROUTE FLOW FROM CP162 TO CP163
2183        RS      8              -1       0
2184        RC    .08     .04     .04    5460   .0062
2185        RX   1000    1500    1910    2455    2470    2488    2489    2490
2186        RY   1226    1224    1222    1220    1220    1221    1221    1221

2187        KK    163
2188        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 163
2189        BA    .75
2190        LG    .50     .00    3.70     .42     .00
2191        UI    37.     37.     37.    107.    140.    173.    193.    212.    235.    267.
2192        UI   296.    361.    456.    458.    383.    336.    303.    274.    240.    216.
2193        UI   187.    170.    133.    101.     65.     63.     60.     51.     37.     37.
2194        UI    30.     11.     11.     11.     11.     11.     11.     11.     11.     11.
2195        UI    11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2196        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


2197        KK   1I163
2198        KM        ADD HYDROGRAPHS AT CP163
2199        HC      2     1.0

2200        KK   CP163
2201        KM        ADD HYDROGRAPHS AT CP163
2202        HC      2    2.47

2203        KK    D163
2204        KM        DIVERT TO CP176A FROM CP163
2205        DT  DI176A
2206        DI      0      72     427    1229    2615    4708    5777    6545    8336   11092
2207        DQ      0       0       0       0       0       0       9      95     329     762

2208        KK    R163
2209        KM        ROUTE REMAINDER FROM CP163 TO CP164A
2210        RS      2              -1       0
2211        RC    .06    .035    .035    2640   .0078
2212        RX   1000    1410    1900    2110    2150    2168    2169    2170
2213        RY   1188    1186    1184    1182    1182    1183    1183    1183

2214        KK    D144
2215        KM        RETURN DIVERT AT CP144
2216        DR   D164A

2217        KK    R144
2218        KM        ROUTE FLOW FROM CP144 TO  CP164A
2219        RS     46              -1       0
2220        RC    .07     .07     .07    6400   .0058
2221        RX   1000    1001    1002    1400    1910    2610    2669    2670
2222        RY   1203    1203    1203    1202    1202    1204    1205    1205

2223        KK    164A
2224        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 164A
2225        BA    .49
2226        LG    .50     .00    5.59     .31     .00
2227        UI    22.     22.     22.     51.     79.     96.    110.    122.    133.    147.
```

```
2228        UI    164.    182.    220.    273.    282.    238.    209.    189.    174.    154.
2229        UI    138.    124.    111.     98.     78.     60.     39.     39.     36.     35.
2230        UI     22.     22.     22.     11.      7.      7.      7.      7.      7.      7.
2231        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
2232        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2233        KK  1I164A
2234        KM        ADD HYDROGRAPHS AT CP164A
2235        HC       2    8.17

2236        KK  CP164A
2237        KM        ADD HYDROGRAPHS AT CP164A
2238        HC       2   10.64
```



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


2239        KK   R164A
2240        KM        ROUTE FLOW FROM CP164A TO CP164
2241        RS       5              -1       0
2242        RC     .06    .035    .035    2640   .0072
2243        RX    1000    1410    1900    2110    2150    2168    2169    2170
2244        RY    1188    1186    1184    1182    1182    1183    1183    1183

2245        KK     164
2246        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 164
2247        BA     .49
2248        LG     .50     .00    5.59     .31     .00
2249        UI     22.     22.     22.     49.     78.     94.    107.    120.    130.    143.
2250        UI    161.    177.    212.    261.    285.    241.    211.    190.    174.    157.
2251        UI    140.    127.    111.    103.     83.     63.     42.     39.     36.     36.
2252        UI     25.     22.     22.     17.      7.      7.      7.      7.      7.      7.
2253        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
2254        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2255        KK   1I164
2256        KM        ADD HYDROGRAPHS AT CP164
2257        HC       2   11.13

2258        KK    D145
2259        KM        RETURN DIVERT AT CP145
2260        DR   DI164

2261        KK    R145
2262        KM        ROUTE FLOW FROM CP145 TO CP164
2263        RS       7              -1       0
2264        RC    .035    .035    .075    5280   .0058
2265        RX    1000    1001    1002    1040    1170    1520    1910    2190
2266        RY    1185    1185    1185    1184    1184    1186    1188    1190

2267        KK   CP164
2268        KM        ADD HYDROGRAPHS AT CP164
2269        HC       2   15.08

2270        KK    D164
2271        KM        DIVERT TO CP177 FROM CP164
2272        DT   DI177
2273        DI       0     295    1091    2467    4521    7345   11030
2274        DQ       0      22     124     352     743    1329    2143

2275        KK    R164
```

```
2276        KM        ROUTE REMAINDER FROM CP164 TO CP165
2277        RS      7              -1       0
2278        RC    .04     .04    .075    4900   .0043
2279        RX   1000    1250    1730    2220    2320    2338    2339    2340
2280        RY   1164    1162    1160    1158    1158    1159    1159    1159
```



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

2281        KK   D145
2282        KM        RETURN DIVERT AT CP145
2283        DR  DI165

2284        KK   R145
2285        KM        ROUTE FLOW FROM CP145 TO CP165
2286        RS     38              -1       0
2287        RC    .08     .08     .08    7500   .0069
2288        RX   1000    1001    1420    1730    2220    2470    2999    3000
2289        RY   1177    1177    1176    1175    1175    1176    1177    1177

2290        KK    165
2291        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 165
2292        BA    .90
2293        LG    .50     .00    3.72     .43     .00
2294        UI    35.     35.     35.     38.    115.    131.    156.    173.    191.    204.
2295        UI   223.    244.    267.    295.    349.    422.    463.    401.    353.    320.
2296        UI   294.    274.    246.    223.    206.    184.    169.    149.    120.     99.
2297        UI    62.     62.     59.     58.     49.     35.     35.     35.     25.     11.
2298        UI    11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
2299        UI    11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2300        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2301        KK   1I165
2302        KM        ADD HYDROGRAPHS AT CP165
2303        HC      2   12.53

2304        KK   2I165
2305        KM        ADD HYDROGRAPHS AT CP165
2306        HC      2   15.98

2307        KK   CP165
2308        KM        ADD HYDROGRAPHS AT CP165
2309        HC      2   22.84

2310        KK   R165
2311        KM        ROUTE FLOW FROM CP165 TO CP179
2312        RS      7              -1       0
2313        RC   .022    .022     .04    5280   .0038
2314        RX   1000    1001    1002    1030    1075    1090    1250    2000
2315        RY   1135    1135    1135    1134    1134    1135    1133    1137

2316        KK   D163
2317        KM        RETURN DIVERT AT CP163
2318        DR  DI176A

2319        KK   R163
2320        KM        ROUTE FLOW FROM CP163 TO CP176A
2321        RS      6              -1       0
2322        RC   .035    .035    .075    5280   .0040
2323        RX   1000    1001    1002    1010    1025    1320    1620    1845
2324        RY   1197    1197    1197    1196    1196    1198    1200    1202
```

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


2325          KK    176A
2326          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 176A
2327          BA     .62
2328          LG     .50     .00    4.09     .42     .00
2329          UI     24.     24.     24.     24.     79.     89.    106.    118.    131.    139.
2330          UI    151.    166.    182.    200.    236.    283.    318.    279.    245.    221.
2331          UI    203.    189.    171.    155.    142.    129.    117.    105.     87.     69.
2332          UI     46.     43.     41.     40.     37.     24.     24.     24.     21.      7.
2333          UI      7.      7.      7.      7.      7.      7.      7.      7.      7.      7.
2334          UI      7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2335          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2336          KK  CP176A
2337          KM        ADD HYDROGRAPHS AT CP176A
2338          HC       2    3.09

2339          KK   D176A
2340          KM        DIVERT TO CP191 FROM CP176A
2341          DT   DI191
2342          DI       0      47     164     349     497    1107    2599    4968    8289
2343          DQ       0       0       0       0       0      60     278     719    1444

2344          KK   R176A
2345          KM        ROUTE REMAINDER FROM CP176A TO CP177A
2346          RS       4              -1       0
2347          RC    .075     .04     .04    2640   .0064
2348          RX    1000    1200    1545    2020    2145    2168    2169    2170
2349          RY    1173    1172    1170    1168    1168    1169    1169    1169

2350          KK    177A
2351          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 177A
2352          BA     .49
2353          LG     .50     .00    3.99     .43     .00
2354          UI     22.     22.     22.     49.     78.     94.    107.    120.    130.    143.
2355          UI    161.    177.    212.    261.    285.    241.    211.    190.    174.    157.
2356          UI    140.    127.    111.    103.     83.     63.     42.     39.     36.     36.
2357          UI     25.     22.     22.     17.      7.      7.      7.      7.      7.      7.
2358          UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
2359          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2360          KK  CP177A
2361          KM        ADD HYDROGRAPHS AT CP177A
2362          HC       2    3.58

2363          KK   R177A
2364          KM        ROUTE FLOW FROM CP177A TO CP177
2365          RS       8              -1       0
2366          RC    .075     .04     .04    2640   .0064
2367          RX    1000    1200    1545    2020    2145    2168    2169    2170
2368          RY    1173    1172    1170    1168    1168    1169    1169    1169
```



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


2369          KK     177
2370          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 177
```

```
2371        BA    .49
2372        LG    .50     .00    3.99     .43     .00
2373        UI    22.     22.     22.     51.     79.     96.    110.    122.    133.    147.
2374        UI   164.    182.    220.    273.    282.    238.    209.    189.    174.    154.
2375        UI   138.    124.    111.     98.     78.     60.     39.     39.     36.     35.
2376        UI    22.     22.     22.     11.      7.      7.      7.      7.      7.      7.
2377        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
2378        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2379        KK   1I177
2380        KM        ADD HYDROGRAPHS AT CP177
2381        HC       2    4.07

2382        KK    D164
2383        KM        RETURN DIVERT AT CP164
2384        DR   DI177

2385        KK    R164
2386        KM        ROUTE FLOW FROM CP164 TO CP177
2387        RS      11              -1      0
2388        RC    .035    .035     .07    5280   .0032
2389        RX    1000    1001    1002    1020    1040    1290    1540    1810
2390        RY    1159    1159    1159    1158    1158    1160    1162    1164

2391        KK   CP177
2392        KM        ADD HYDROGRAPHS AT CP177
2393        HC       2   16.68

2394        KK    R177
2395        KM        ROUTE FLOW FROM CP177 TO CP178
2396        RS       3              -1      0
2397        RC     .07     .04     .04    2250   .0067
2398        RX    1000    1170    1550    2020    2060    2078    2079    2080
2399        RY    1149    1148    1146    1144    1144    1145    1145    1145

2400        KK     178
2401        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 178
2402        BA    .44
2403        LG    .50     .00    3.75     .45     .00
2404        UI    20.     20.     20.     46.     71.     86.     98.    109.    119.    131.
2405        UI   147.    162.    196.    244.    253.    214.    188.    170.    156.    139.
2406        UI   124.    112.    100.     89.     71.     55.     35.     35.     33.     32.
2407        UI    20.     20.     20.     11.      6.      6.      6.      6.      6.      6.
2408        UI     6.      6.      6.      6.      0.      0.      0.      0.      0.      0.
2409        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2410        KK   CP178
2411        KM        ADD HYDROGRAPHS AT CP178
2412        HC       2   17.12
```



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

2413        KK    R178
2414        KM        ROUTE FLOW FROM CP178 TO CP179
2415        RS       5              -1      0
2416        RC    .075     .04     .04    2640   .0034
2417        RX    1000    1040    1560    2110    2320    2348    2349    2350
2418        RY    1137    1136    1134    1132    1132    1133    1133    1133

2419        KK     179
```

```
2420    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 179
2421    BA     .46
2422    LG     .50     .00    6.02     .32     .00
2423    UI     20.     20.     20.     41.     70.     84.     97.    109.    117.    129.
2424    UI    144.    158.    184.    225.    264.    234.    203.    181.    165.    152.
2425    UI    135.    122.    109.     98.     86.     68.     52.     36.     35.     33.
2426    UI     32.     20.     20.     20.     12.      6.      6.      6.      6.      6.
2427    UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
2428    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2429    KK   1I179
2430    KM        ADD HYDROGRAPHS AT CP179
2431    HC       2   17.58

2432    KK   CP179
2433    KM        ADD HYDROGRAPHS AT CP179
2434    HC       2   25.34

2435    KK    D179
2436    KM        DIVERT TO CP193 FROM CP179
2437    DT   DI193
2438    DI       0      77     285     644    1182    1466    2284    3759    6020
2439    DQ       0       0       0       0       0     754    1254    2185    3642

2440    KK    D179
2441    KM        DIVERT TO CP194 FROM CP179
2442    DT   DI194
2443    DI       0      77     285     644    1182     712    1030    1574    2378
2444    DQ       0       0       0       0       0       0       0       0       0

2445    KK    R179
2446    KM        ROUTE REMAINDER FROM CP179 TO CP180
2447    RS       4              -1       0
2448    RC     .07    .022    .022    5280   .0025
2449    RX    1000    1320    1700    1820    1840    1868    1869    1870
2450    RY    1124    1122    1120    1118    1118    1119    1119    1119

2451    KK     180
2452    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 180
2453    BA     .99
2454    LG     .50     .00    4.94     .37     .00
2455    UI     35.     35.     35.     35.     84.    120.    138.    163.    176.    191.
2456    UI    203.    220.    238.    261.    280.    321.    391.    430.    449.    390.
2457    UI    350.    319.    296.    277.    255.    231.    214.    196.    178.    166.
2458    UI    146.    120.    101.     66.     62.     60.     57.     57.     41.     35.
2459    UI     35.     35.     26.     11.     11.     11.     11.     11.     11.     11.
```



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

2460    UI     11.     11.     11.     11.     11.     11.      0.      0.      0.      0.
2461    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2462    KK   1I180
2463    KM        ADD HYDROGRAPHS AT CP180
2464    HC       2   26.33

2465    KK    D133
2466    KM        RETURN DIVERT AT CP133
2467    DR   1D147

2468    KK    R133
```

```
2469        KM        ROUTE FLOW FROM CP133 TO CP147
2470        RS     55              -1       0
2471        RC    .07     .07     .07    6552   .0063
2472        RX   1000    1001    1720    1900    2290    2460    2619    2620
2473        RY   1189    1189    1188  1187.5  1187.5    1188    1189    1189

2474        KK    147
2475        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 147
2476        BA    .50
2477        LG    .50     .00    3.59     .47     .00
2478        UI    23.     23.     23.     57.     84.    102.    116.    128.    140.    156.
2479        UI   175.    197.    249.    289.    278.    237.    210.    190.    174.    153.
2480        UI   138.    123.    110.     94.     70.     50.     41.     39.     38.     27.
2481        UI    23.     23.     18.      7.      7.      7.      7.      7.      7.      7.
2482        UI     7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
2483        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2484        KK   1I147
2485        KM        ADD HYDROGRAPHS AT CP147
2486        HC       2   14.62

2487        KK    D134
2488        KM        RETURN DIVERT AT CP134
2489        DR   2D147

2490        KK    R134
2491        KM        ROUTE FLOW FROM CP134 TO CP147
2492        RS       7              -1       0
2493        RC    .05     .05     .15    5280   .0053
2494        RX   1000    1001    1002    1020    1190    1580    2180    2700
2495        RY   1187    1187    1187    1186    1186    1188    1190    1192

2496        KK  CP147
2497        KM        ADD HYDROGRAPHS AT CP147
2498        HC       2   15.92

2499        KK    D147
2500        KM        DIVERT TO CP166 FROM CP147
2501        DT   DI166
2502        DI       0     108    1147    2026    4338    8063   13066
2503        DQ       0     108    1129    1961    3822    6531   10041
```



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


2504        KK    R147
2505        KM        ROUTE REMAINDER FROM CP147 TO CP148
2506        RS       4              -1       0
2507        RC   .075     .04     .04    2640   .0038
2508        RX   1000    1420    1800    2230    2340    2368    2369    2370
2509        RY   1164    1162    1160    1158    1158    1159    1159    1159

2510        KK     148
2511        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 148
2512        BA    .48
2513        LG    .50     .00    3.77     .44     .00
2514        UI    22.     22.     22.     51.     78.     95.    109.    120.    131.    145.
2515        UI   162.    181.    222.    270.    274.    232.    204.    185.    169.    150.
2516        UI   135.    120.    108.     94.     74.     56.     39.     38.     36.     32.
2517        UI    22.     22.     22.      9.      7.      7.      7.      7.      7.      7.
2518        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
```

```
2519        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2520        KK   1I148
2521        KM        ADD HYDROGRAPHS AT CP148
2522        HC       2   16.40

2523        KK    D135
2524        KM        RETURN DIVERT AT CP135
2525        DR   DI148

2526        KK    R135
2527        KM        ROUTE FLOW FROM CP135 TO CP148
2528        RS      10              -1       0
2529        RC    .035    .035    .075    5280   .0049
2530        RX    1000    1001    1002    1070    1130    1400    1780    2250
2531        RY    1171    1171    1171    1170    1170    1172    1174    1176

2532        KK   CP148
2533        KM        ADD HYDROGRAPHS AT CP148
2534        HC       2   17.46

2535        KK    D148
2536        KM        DIVERT TO CP150 FROM CP148
2537        DT   DI150
2538        DI       0       3     104     399     807    1777    2687    5053    8363
2539        DQ       0       1      16      60     106     241     472    1000    1788

2540        KK    R148
2541        KM        ROUTE REMAINDER FROM CP148 TO CP166
2542        RS       6              -1       0
2543        RC     .04     .04    .075    5280   .0030
2544        RX    1000    1001    1002    1045    1330    2030    2380    2700
2545        RY    1153    1153    1153    1152    1152    1154    1156    1157
```



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


2546        KK    D147
2547        KM        RETURN DIVERT AT CP147
2548        DR   DI166

2549        KK    R147
2550        KM        ROUTE FLOW FROM CP147 TO CP166
2551        RS      29              -1       0
2552        RC     .08     .08     .08    6240   .0042
2553        RX    1000    1001    1220    1720    2460    2998    2999    3000
2554        RY    1155    1155    1154    1152    1152  1153.5  1153.5  1153.5

2555        KK     166
2556        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 166
2557        BA     .98
2558        LG     .50     .00    3.64     .46     .00
2559        UI     34.     34.     34.     34.     81.    118.    135.    160.    172.    188.
2560        UI    199.    215.    233.    256.    273.    312.    378.    420.    447.    390.
2561        UI    348.    317.    294.    275.    255.    230.    213.    197.    177.    165.
2562        UI    148.    123.     99.     71.     61.     60.     57.     57.     44.     34.
2563        UI     34.     34.     31.     11.     11.     11.     11.     11.     11.     11.
2564        UI     11.     11.     11.     11.     11.     11.     11.      0.      0.      0.
2565        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2566        KK   1I166
```

```
2567        KM        ADD HYDROGRAPHS AT CP166
2568        HC       2   16.90

2569        KK   CP166
2570        KM        ADD HYDROGRAPHS AT CP166
2571        HC       2   18.44

2572        KK    D166
2573        KM        DIVERT TO CP167 FROM CP166
2574        DT   DI167
2575        DI       0      67     296     813    1921    3730    6346    9869
2576        DQ       0      67     296     765    1709    3184    5250    7966

2577        KK    R166
2578        KM        ROUTE REMAINDER FROM CP166 TO CP180
2579        RS      11              -1       0
2580        RC    .035    .035    .075    5280   .0051
2581        RX    1000    1001    1002    1020    1060    1420    2010    2320
2582        RY    1125    1125    1125    1124    1124    1126    1128    1130

2583        KK   CP180
2584        KM        ADD HYDROGRAPHS AT CP180
2585        HC       2   30.29

2586        KK    D180
2587        KM        DIVERT TO CP195 FROM CP180
2588        DT   1D195
2589        DI       0       6     234     802    1724    3040    4789
2590        DQ       0       6     206     687    1448    2510    3899
```



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


2591        KK    R180
2592        KM        ROUTE REMAINDER FROM CP180 TO CP181
2593        RS       7              -1       0
2594        RC    .075     .04     .04    1350   .0007
2595        RX    1000    1001    1410    2240    2270    2298    2299    2300
2596        RY    1116    1116    1114    1112    1112    1113    1113    1113

2597        KK     181
2598        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 181
2599        BA     .37
2600        LG     .50     .00    3.78     .45     .00
2601        UI     19.     19.     20.     65.     79.     93.    106.    117.    132.    148.
2602        UI    177.    224.    248.    206.    178.    159.    143.    124.    111.     97.
2603        UI     83.     63.     44.     34.     32.     31.     19.     19.     18.      6.
2604        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
2605        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2606        KK   CP181
2607        KM        ADD HYDROGRAPHS AT CP181
2608        HC       2   30.66

2609        KK    D181
2610        KM        DIVERT TO CP195 FROM CP181
2611        DT   2D195
2612        DI       0     100     200     328     500    1251    3000    6011
2613        DQ       0     100     200     328     500    1026    2250    4208

2614        KK    R181
```

```
2615        KM        ROUTE REMAINDER FROM CP181 TO CP182
2616        RS       7              -1       0
2617        RC    .075     .04     .04    2900   .0024
2618        RX    1000    1190    1640    2305    2340    2358    2359    2360
2619        RY    1111    1110    1108    1106    1106    1107    1107    1107

2620        KK     182
2621        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 182
2622        BA     .24
2623        LG     .50     .00    3.89     .44     .00
2624        UI     15.     15.     32.     56.     71.     83.     93.    108.    127.    167.
2625        UI    190.    154.    131.    116.     99.     85.     73.     60.     40.     26.
2626        UI     25.     22.     15.     15.      7.      5.      5.      5.      5.      5.
2627        UI      5.      5.      0.      0.      0.      0.      0.      0.      0.      0.
2628        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2629        KK   1I182
2630        KM        ADD HYDROGRAPHS AT CP182
2631        HC       2    30.9

2632        KK    D148
2633        KM        RETURN DIVERT AT CP148
2634        DR   DI150
```



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


2635        KK    R148
2636        KM        ROUTE FLOW FROM CP148 TO CP150
2637        RS       7              -1       0
2638        RC    .075    .035    .035    2640   .0026
2639        RX    1000    1350    1830    2240    2340    2368    2369    2370
2640        RY    1158    1156    1154    1152    1152    1153    1153    1153

2641        KK     150
2642        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 150
2643        BA     .23
2644        LG     .50     .00    3.57     .50     .00
2645        UI     14.     14.     27.     50.     65.     74.     84.     96.    110.    144.
2646        UI    175.    154.    129.    113.     99.     85.     74.     64.     47.     32.
2647        UI     24.     23.     18.     14.     14.      5.      4.      4.      4.      4.
2648        UI      4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
2649        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2650        KK   CP150
2651        KM        ADD HYDROGRAPHS AT CP150
2652        HC       2   17.69

2653        KK    R150
2654        KM        ROUTE FLOW FROM CP150 TO CP151
2655        RS       6              -1       0
2656        RC    .075    .035    .035    2640   .0030
2657        RX    1000    1250    1720    2110    2300    2348    2349    2350
2658        RY    1149    1148    1146    1144    1144    1145    1145    1145

2659        KK     151
2660        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 151
2661        BA     .25
2662        LG     .50     .00    3.79     .46     .00
2663        UI     15.     15.     27.     53.     67.     78.     87.    100.    114.    140.
2664        UI    184.    173.    143.    125.    111.     95.     83.     72.     60.     41.
```

```
2665        UI     26.     25.     24.     15.     15.     11.      4.      4.      4.      4.
2666        UI      4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
2667        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2668        KK   1I151
2669        KM        ADD HYDROGRAPHS AT CP151
2670        HC       2   17.94

2671        KK    D137
2672        KM        RETURN DIVERT AT CP137
2673        DR   DI149

2674        KK    R137
2675        KM        ROUTE FLOW FROM CP137 TO CP149
2676        RS       4              -1       0
2677        RC    .035    .035     .08    2640   .0038
2678        RX    1000    1001    1002    1015    1070    1470    1830    2350
2679        RY    1157    1157    1157    1156    1156    1158    1160    1162
```



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


2680        KK     149
2681        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 149
2682        BA     .48
2683        LG     .50     .00    3.81     .49     .00
2684        UI     21.     21.     21.     43.     73.     88.    101.    114.    122.    134.
2685        UI    150.    164.    192.    235.    275.    245.    211.    189.    173.    158.
2686        UI    140.    127.    114.    102.     90.     71.     54.     37.     36.     34.
2687        UI     33.     21.     21.     21.     13.      6.      6.      6.      6.      6.
2688        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
2689        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2690        KK   CP149
2691        KM        ADD HYDROGRAPHS AT CP149
2692        HC       2   22.20

2693        KK    R149
2694        KM        ROUTE FLOW FROM CP149 TO CP151
2695        RS       5              -1       0
2696        RC    .035    .035     .07    2640   .0038
2697        RX    1000    1001    1002    1030    1200    2050    2315    2350
2698        RY    1143    1143    1143    1142    1142    1144    1146    1147

2699        KK   CP151
2700        KM        ADD HYDROGRAPHS AT CP151
2701        HC       2   23.66

2702        KK    D151
2703        KM        DIVERT TO CP168 FROM CP151
2704        DT   1D168
2705        DI       0      22      73     360     833    1579    2881    4702    7044
2706        DQ       0       0      17     113     270     519     953    1560    2341

2707        KK    D151
2708        KM        DIVERT TO CP152 FROM CP151
2709        DT   DI152
2710        DI       0      22      56     247     563    1060    1928    3142    4703
2711        DQ       0       0      17     113     270     519     953    1560    2341

2712        KK    R151
```

```
2713        KM        ROUTE REMAINDER FROM CP151 TO CP167
2714        RS      11              -1       0
2715        RC    .035    .035     .07    5280   .0030
2716        RX    1000    1001    1002    1015    1085    1500    1770    2400
2717        RY    1129    1129    1129    1128    1128    1130    1132    1134

2718        KK     167
2719        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 167
2720        BA     .97
2721        LG     .50     .00    3.56     .46     .00
2722        UI     34.     34.     34.     34.     80.    117.    133.    158.    170.    186.
2723        UI    197.    213.    231.    253.    270.    309.    374.    415.    443.    386.
2724        UI    344.    314.    291.    272.    252.    227.    211.    195.    175.    163.
2725        UI    146.    122.     98.     71.     60.     59.     56.     56.     44.     34.
2726        UI     34.     34.     31.     10.     10.     10.     10.     10.     10.     10.
```



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

2727        UI     10.     10.     10.     10.     10.     10.     10.      0.      0.      0.
2728        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2729        KK   1I167
2730        KM        ADD HYDROGRAPHS AT CP167
2731        HC       2   24.63

2732        KK    D166
2733        KM        RETURN DIVERT AT CP166
2734        DR   DI167

2735        KK    R166
2736        KM        ROUTE FLOW FROM CP166 TO CP167
2737        RS       5              -1       0
2738        RC     .08    .025    .025    5280   .0028
2739        RX    1000    1510    2000    2250    2290    2318    2319    2320
2740        RY    1136    1134    1132    1130    1130    1131    1131    1131

2741        KK   CP167
2742        KM        ADD HYDROGRAPHS AT CP167
2743        HC       2   25.61

2744        KK    D167
2745        KM        DIVERT TO CP183 FROM CP167
2746        DT   1D183
2747        DI       0     274    1281    3337    6703   11624   18322
2748        DQ       0       0     335    1021    2143    3783    6016

2749        KK    D167
2750        KM        DIVERT TO CP168 FROM CP167
2751        DT   2D168
2752        DI       0     274     946    2316    4560    7841   12306
2753        DQ       0       0      64     250     587    1107    1838

2754        KK    R167
2755        KM        ROUTE REMAINDER FROM CP167 TO CP181A
2756        RS       4              -1       0
2757        RC    .035    .035     .08    2400   .0046
2758        RX    1000    1001    1002    1020    1080    1740    2169    2170
2759        RY    1119    1119    1119    1118    1118    1120    1119    1119

2760        KK    181A
2761        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 181A
```

```
2762        BA     .39
2763        LG     .50     .00    3.77     .45     .00
2764        UI     16.     16.     16.     28.     55.     65.     77.     85.     93.    100.
2765        UI    111.    123.    136.    162.    199.    212.    181.    159.    144.    133.
2766        UI    121.    108.     98.     89.     80.     71.     57.     45.     29.     29.
2767        UI     27.     27.     19.     16.     16.     16.      5.      5.      5.      5.
2768        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
2769        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


2770        KK  CP181A
2771        KM        ADD HYDROGRAPHS AT CP181A
2772        HC       2    26.0

2773        KK   D181A
2774        KM        DIVERT TO CP183 FROM CP181A
2775        DT   2D183
2776        DI       0     133     491    1117    1637    2812    4542    6810    9620
2777        DQ       0      12      77     241     451     927    1631    2557    3709

2778        KK   R181A
2779        KM        ROUTE REMAINDER FROM CP181A TO CP182
2780        RS       5              -1       0
2781        RC     .04     .04     .08    2870   .0031
2782        RX    1000    1001    1002    1015    1075    1570    1880    2100
2783        RY    1109    1109    1109    1108    1108    1110    1112    1113

2784        KK   CP182
2785        KM        ADD HYDROGRAPHS AT CP182
2786        HC       2   38.46

2787        KK    D182
2788        KM        DIVERT TO CP196 FROM CP182
2789        DT   DI196
2790        DI       0     173     611    1337    2388    3802
2791        DQ       0      88     310     659    1212    1929

2792        KK    R182
2793        KM        ROUTE REMAINDER FROM CP182 TO CP184
2794        RS      14              -1       0
2795        RC    .075     .04     .04    5280   .0023
2796        RX    1000    1001    1700    2340    2450    2463    2464    2465
2797        RY    1104    1104    1102    1100    1100    1101    1101    1101

2798        KK    D151
2799        KM        RETURN DIVERT AT CP151
2800        DR   DI152

2801        KK    R151
2802        KM        ROUTE FLOW FROM CP151 TO CP152
2803        RS       6              -1       0
2804        RC     .08    .035    .035    2600   .0027
2805        RX    1000    1090    1710    2160    2240    2268    2269    2270
2806        RY    1141    1140    1138    1136    1136    1137    1137    1137

2807        KK     152
2808        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 152
2809        BA     .35
2810        LG     .50     .00    5.16     .31     .00
```

```
2811    UI    17.    17.    17.    54.    69.    83.    94.   103.   114.   129.
2812    UI   147.   187.   221.   206.   175.   155.   140.   124.   110.    97.
2813    UI    86.    74.    56.    39.    31.    29.    29.    18.    17.    17.
2814    UI     7.     5.     5.     5.     5.     5.     5.     5.     5.     5.
2815    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
```



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

2816    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2817    KK   CP152
2818    KM        ADD HYDROGRAPHS AT CP152
2819    HC       2   24.01

2820    KK    D152
2821    KM        DIVERT TO CP169 FROM CP152
2822    DT   1D169
2823    DI       0    334    482   1536   3508   6291   9848  14192
2824    DQ       0      0     49    400   1058   1986   3171   4619

2825    KK    D152
2826    KM        DIVERT TO CP155 FROM CP152
2827    DT   DI155
2828    DI       0    334    433   1136   2450   4305   6677   9573
2829    DQ       0      0     49    400   1058   1986   3171   4619

2830    KK    R152
2831    KM        ROUTE REMAINDER FROM CP152 TO CP168
2832    RS      10             -1      0
2833    RC    .035   .035   .075   5280  .0034
2834    RX    1000   1001   1002   1020   1110   1450   1880   2100
2835    RY    1123   1123   1123   1122   1122   1124   1126   1127

2836    KK    D151
2837    KM        RETURN DIVERT AT CP151
2838    DR   1D168

2839    KK    R151
2840    KM        ROUTE FLOW FROM CP151 TO CP168
2841    RS      56             -1      0
2842    RC    .075   .075   .075   5928  .0042
2843    RX    1000   1001   1002   1180   2100   2458   2459   2460
2844    RY    1135   1135   1135   1134   1134   1135   1135   1135

2845    KK     168
2846    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 168
2847    BA     .51
2848    LG     .50    .00   4.01    .38    .00
2849    UI     21.    21.    21.    37.    73.    86.   101.   111.   122.   132.
2850    UI    145.   162.   179.   213.   262.   277.   236.   208.   188.   173.
2851    UI    158.   141.   128.   116.   104.    92.    73.    58.    38.    38.
2852    UI     35.    35.    24.    21.    21.    20.     7.     7.     7.     7.
2853    UI      7.     7.     7.     7.     7.     7.     7.     0.     0.     0.
2854    UI      0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2855    KK   1I168
2856    KM        ADD HYDROGRAPHS AT CP168
2857    HC       2   24.17
```



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

```
2858        KK    D167
2859        KM        RETURN DIVERT AT CP167
2860        DR   2D168

2861        KK    R167
2862        KM        ROUTE FLOW FROM CP167 TO CP168
2863        RS      10              -1       0
2864        RC    .075     .04     .04    2600   .0035
2865        RX    1000    1060    1460    2050    2315    2328    2329    2330
2866        RY    1125    1124    1122    1120    1120    1121    1121    1121

2867        KK   2I168
2868        KM        ADD HYDROGRAPHS AT CP168
2869        HC       2   26.12

2870        KK   CP168
2871        KM        ADD HYDROGRAPHS AT CP168
2872        HC       2   26.47

2873        KK    D168
2874        KM        DIVERT TO CP169 FROM CP168
2875        DT   2D169
2876        DI       0       4     282    1072    2510    4582    7322   10770
2877        DQ       0       0      59     334     981    1974    3330    5068

2878        KK    R168
2879        KM        ROUTE REMAINDER FROM CP168 TO CP183
2880        RS       5              -1       0
2881        RC     .04     .04    .075    2400   .0029
2882        RX    1000    1001    1002    1010    1030    1480    2259    2260
2883        RY    1113    1113    1113    1112    1112    1114    1116    1116

2884        KK    D167
2885        KM        RETURN DIVERT AT CP167
2886        DR   1D183

2887        KK    R167
2888        KM        ROUTE FLOW FROM CP167 TO CP183
2889        RS      19              -1       0
2890        RC    .075    .075    .075    2250   .0071
2891        RX    1000    1001    1002    1210    2310    2558    2559    2560
2892        RY    1115    1115    1115    1114    1114    1115    1115    1115

2893        KK     183
2894        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 183
2895        BA     .21
2896        LG     .50     .00    3.98     .42     .00
2897        UI     20.     38.     84.    109.    134.    172.    247.    206.    164.    131.
2898        UI    104.     74.     40.     33.     22.     16.      6.      6.      6.      6.
2899        UI      6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2900        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

2901        KK   1I183
2902        KM        ADD HYDROGRAPHS AT CP183
2903        HC       2   25.82
```

```
2904        KK   D181A
2905        KM        RETURN DIVERT AT CP181A
2906        DR   2D183

2907        KK   R181A
2908        KM        ROUTE FLOW FROM CP181A TO CP183
2909        RS       3              -1       0
2910        RC     .08     .04     .04    1250   .0040
2911        RX    1000    1001    1420    1850    1870    1888    1889    1890
2912        RY    1114    1114    1112    1110    1110    1111    1111    1111

2913        KK   2I183
2914        KM        ADD HYDROGRAPHS AT CP183
2915        HC       2   26.21

2916        KK   CP183
2917        KM        ADD HYDROGRAPHS AT CP183
2918        HC       2   27.07

2919        KK    R183
2920        KM        ROUTE FLOW FROM CP183 TO CP184
2921        RS      28              -1       0
2922        RC     .08     .08     .08    4520   .0035
2923        RX    1000    1001    1215    1910    2630    3250    3499    3500
2924        RY    1101    1101    1100    1098    1098    1100    1101    1101

2925        KK     184
2926        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 184
2927        BA     .79
2928        LG     .50     .00    3.50     .36     .00
2929        UI     33.     33.     33.     53.    110.    130.    154.    170.    186.    200.
2930        UI    221.    245.    268.    321.    389.    431.    371.    326.    293.    269.
2931        UI    248.    221.    201.    182.    164.    148.    121.     94.     63.     58.
2932        UI     55.     54.     43.     33.     33.     33.     15.     10.     10.     10.
2933        UI     10.     10.     10.     10.     10.     10.     10.     10.      0.      0.
2934        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2935        KK   1I184
2936        KM        ADD HYDROGRAPHS AT CP184
2937        HC       2   27.86

2938        KK   2I184
2939        KM        ADD HYDROGRAPHS AT CP184
2940        HC       2   40.32
```



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


2941        KK    D152
2942        KM        RETURN DIVERT AT CP152
2943        DR   DI155

2944        KK    R152
2945        KM        ROUTE FLOW FROM CP152 TO CP155
2946        RS      14              -1       0
2947        RC    .075     .04     .04    2640   .0019
2948        RX    1000    1040    1580    2090    2360    2363    2364    2365
2949        RY  1135.2    1134    1132    1130    1130    1131    1131    1131

2950        KK     155
2951        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 155
```

```
2952        BA    .26
2953        LG    .50     .00    6.71     .25     .00
2954        UI    15.     15.     29.     56.     72.     83.     93.    107.    122.    156.
2955        UI   195.    177.    147.    129.    113.     98.     85.     73.     57.     39.
2956        UI    27.     26.     23.     15.     15.      8.      5.      5.      5.      5.
2957        UI     5.      5.      5.      0.      0.      0.      0.      0.      0.      0.
2958        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2959        KK   CP155
2960        KM        ADD HYDROGRAPHS AT CP155
2961        HC       2   24.27

2962        KK    R155
2963        KM        ROUTE FLOW FROM CP155 TO CP169
2964        RS      17              -1      0
2965        RC     .04     .04     .07    5280   .0036
2966        RX    1000    1001    1002    1020    1690    2220    2269    2270
2967        RY    1117    1117    1117    1116    1116    1118    1119    1119

2968        KK    D152
2969        KM        RETURN DIVERT AT CP152
2970        DR   1D169

2971        KK    R152
2972        KM        ROUTE FLOW FROM CP152 TO CP169
2973        RS       7              -1      0
2974        RC     .08     .08     .08    5928   .0040
2975        RX    1000    1001    1002    1190    2510    2898    2899    2900
2976        RY    1121    1121    1121    1120    1120    1121    1121    1121

2977        KK     169
2978        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 169
2979        BA     .51
2980        LG     .50     .00    6.30     .27     .00
2981        UI     21.     21.     21.     35.     72.     84.    100.    110.    120.    130.
2982        UI    143.    159.    174.    209.    253.    278.    239.    210.    189.    174.
2983        UI    160.    142.    130.    117.    106.     95.     77.     61.     39.     38.
2984        UI     35.     35.     27.     21.     21.     21.      9.      7.      7.      7.
2985        UI      7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
2986        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

2987        KK   1I169
2988        KM        ADD HYDROGRAPHS AT CP169
2989        HC       2   24.52

2990        KK   2I169
2991        KM        ADD HYDROGRAPHS AT CP169
2992        HC       2   25.13

2993        KK    D168
2994        KM        RETURN DIVERT AT CP168
2995        DR   2D169

2996        KK    R168
2997        KM        ROUTE FLOW FROM CP168 TO CP169
2998        RS       9              -1      0
2999        RC     .08    .035    .035    2640   .0023
3000        RX    1000    1001    1440    1890    2100    2148    2149    2150
```

```
3001        RY   1116    1116    1114    1112    1112    1113    1113    1113

3002        KK   CP169
3003        KM        ADD HYDROGRAPHS AT CP169
3004        HC       2   27.24

3005        KK    R169
3006        KM        ROUTE FLOW FROM CP169 TO CP184
3007        RS      10              -1       0
3008        RC     .08     .04     .04    5280   .0032
3009        RX    1000    1001    1002    1020    1100    1670    2099    2100
3010        RY    1111    1111    1111    1110    1110    1112    1113    1113

3011        KK   CP184
3012        KM        ADD HYDROGRAPHS AT CP184
3013        HC       2   41.09

3014        KK    D184
3015        KM        DIVERT TO CP197 FROM CP184
3016        DT   DI197
3017        DI       0     350    1274    2834    4789    7664
3018        DQ       0     140     509    1134    1916    3066

3019        KK    D184
3020        KM        DIVERT TO CP198 FROM CP184
3021        DT   DI198
3022        DI       0     210     765    1700    2873    4598
3023        DQ       0     140     509    1134    1911    3066

3024        KK    R184
3025        KM        ROUTE REMAINDER FROM CP184 TO CP185
3026        RS       8              -1       0
3027        RC    .075     .04     .04    1400   .0007
3028        RX    1000    1001    1170    1970    2260    2308    2309    2310
3029        RY    1095    1095    1094    1092    1092    1093    1093    1093
```



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


3030        KK     170
3031        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 170
3032        BA     .29
3033        LG     .41     .04    7.38     .19    5.00
3034        UI     19.     19.     48.     77.     95.    110.    126.    148.    189.    242.
3035        UI    212.    175.    153.    130.    112.     94.     76.     49.     34.     32.
3036        UI     25.     19.     17.      6.      6.      6.      6.      6.      6.      6.
3037        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3038        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3039        KK    R170
3040        KM        ROUTE FLOW FROM CP170 TO CP185
3041        RS      16              -1       0
3042        RC    .035    .035    .035    5280   .0032
3043        RX    1000    1001    1002    2100    2280    2338    2339    2340
3044        RY    1101    1101    1101    1100    1100    1101    1101    1101

3045        KK     185
3046        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 185
3047        BA     .69
3048        LG     .50     .00    4.10     .42     .00
3049        UI     30.     30.     30.     62.    105.    126.    145.    163.    176.    193.
```

```
3050        UI   216.    236.    277.    338.    395.    352.    304.    272.    248.    227.
3051        UI   202.    183.    164.    147.    129.    101.     78.     53.     52.     50.
3052        UI    48.     30.     30.     30.     19.      9.      9.      9.      9.      9.
3053        UI     9.      9.      9.      9.      9.      0.      0.      0.      0.      0.
3054        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3055        KK   1I185
3056        KM        ADD HYDROGRAPHS AT CP185
3057        HC       2     .98

3058        KK   CP185
3059        KM        ADD HYDROGRAPHS AT CP185
3060        HC       2   42.07

3061        KK    R185
3062        KM        ROUTE FLOW FROM CP185 TO CP198
3063        RS       9              -1       0
3064        RC    .075    .075    .075    5450   .0022
3065        RX    1000    1001    1090    1410    1950    2190    2219    2220
3066        RY    1086    1086    1084    1083    1083    1084    1085    1085

3067        KK    D184
3068        KM        RETURN DIVERT AT CP184
3069        DR   DI198

3070        KK    R184
3071        KM        ROUTE FLOW FROM CP184 TO CP198
3072        RS      55              -1       0
3073        RC    .075    .075    .075    6630   .0020
3074        RX    1000    1001    1025    1220    1990    2010    2099    2100
3075        RY    1085    1085    1084    1083    1083    1084    1085    1085
```



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


3076        KK     198
3077        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 198
3078        BA     .91
3079        LG     .50     .00    4.97     .38     .00
3080        UI     30.     30.     30.     30.     53.     99.    114.    131.    145.    157.
3081        UI    168.    180.    192.    208.    227.    242.    276.    331.    365.    397.
3082        UI    348.    312.    285.    263.    246.    232.    211.    195.    180.    167.
3083        UI    152.    142.    125.    105.     87.     62.     53.     53.     50.     50.
3084        UI     45.     30.     30.     30.     30.     18.      9.      9.      9.      9.
3085        UI      9.      9.      9.      9.      9.      9.      9.      9.      9.      9.
3086        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3087        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3088        KK   1I198
3089        KM        ADD HYDROGRAPHS AT CP198
3090        HC       2    42.0

3091        KK   2I198
3092        KM        ADD HYDROGRAPHS AT CP198
3093        HC       2   42.98

3094        KK    D184
3095        KM        RETURN DIVERT AT CP184
3096        DR   DI197

3097        KK    R184
```

```
3098        KM        ROUTE FLOW FROM CP184 TO CP197
3099        RS     18              -1       0
3100        RC    .04     .04     .08    5280   .0025
3101        RX   1000    1001    1002    1015    1870    2300    2699    2700
3102        RY   1087    1087    1087    1086    1086    1088    1089    1089

3103        KK    197
3104        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 197
3105        BA   1.00
3106        LG    .50     .00    3.58     .41     .00
3107        UI    32.     32.     32.     32.     46.    106.    119.    135.    152.    164.
3108        UI   177.    187.    200.    216.    235.    250.    276.    318.    371.    423.
3109        UI   402.    355.    321.    296.    276.    259.    242.    222.    204.    191.
3110        UI   175.    161.    151.    133.    112.     93.     68.     57.     57.     53.
3111        UI    53.     52.     32.     32.     32.     32.     27.     10.     10.     10.
3112        UI    10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
3113        UI    10.     10.      0.      0.      0.      0.      0.      0.      0.      0.
3114        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3115        KK   CP197
3116        KM        ADD HYDROGRAPHS AT CP197
3117        HC       2   42.09
```



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


3118        KK    R197
3119        KM        ROUTE FLOW FROM CP197 TO CP203
3120        RS       8              -1       0
3121        RC    .035    .035    .015    2650   .0004
3122        RX   1000    1001    1002    1030    1200    1350    1809    1810
3123        RY   1078    1078    1078  1077.5  1077.5    1078    1080    1080

3124        KK     203
3125        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 203
3126        BA     .11
3127        LG    .35     .38    5.29     .21     .00
3128        UI    16.     60.     92.    131.    189.    135.     96.     62.     29.     19.
3129        UI     9.      5.      5.      0.      0.      0.      0.      0.      0.      0.
3130        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3131        KK   CP203
3132        KM        ADD HYDROGRAPHS AT CP203
3133        HC       2    42.2

3134        KK   CP198
3135        KM        ADD HYDROGRAPHS AT CP198
3136        HC       2   44.09

3137        KK    R198
3138        KM        ROUTE FLOW FROM CP198 TO CP204
3139        RS       2              -1       0
3140        RC    .03    .025     .03    3120   .0029
3141        RX   1000    1050    1070    1090    1190    1220    1230    1270
3142        RY   1083    1082    1078    1076    1076    1078    1080    1083

3143        KK     204
3144        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 204
3145        BA     .27
3146        LG    .35     .37    3.85     .34     .00
3147        UI    42.    172.    257.    396.    462.    312.    214.    105.     61.     33.
```

```
3148        UI     13.     13.      0.      0.      0.      0.      0.      0.      0.      0.
3149        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3150        KK   1I204
3151        KM        ADD HYDROGRAPHS AT CP204
3152        HC       2   44.36

3153        KK     174
3154        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 174
3155        BA     .45
3156        LG     .35     .33    3.90     .33     .00
3157        UI     62.    218.    346.    474.    735.    574.    418.    294.    145.     94.
3158        UI     57.     19.     19.     19.      0.      0.      0.      0.      0.      0.
3159        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

3160        KK    R174
3161        KM        ROUTE FLOW FROM CP174 TO CP176
3162        RS       7              -1       0
3163        RC    .025    .025    .025    7020   .0073
3164        RX    1000    1040    1100    1200    1600    1620    1630    1750
3165        RY    1223    1222    1220    1218    1218    1220    1222    1224

3166        KK     175
3167        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 175
3168        BA     .28
3169        LG     .35     .33    3.87     .33     .00
3170        UI     38.    128.    207.    279.    440.    364.    267.    192.    103.     63.
3171        UI     38.     15.     12.     12.      0.      0.      0.      0.      0.      0.
3172        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3173        KK    D175
3174        KM        DIVERT TO CP175A FROM CP175
3175        DT  DI175A
3176        DI       0      53     200     459     854    1367    2544    4308    6658    9613
3177        DQ       0      53     200     459     854    1047    1478    2105    2915    3906

3178        KK    R175
3179        KM        ROUTE REMAINDER FROM CP175 TO CP176
3180        RS       5              -1       0
3181        RC    .025    .022    .022    6500   .0074
3182        RX    1000    1100    1300    1420    1470    1558    1559    1560
3183        RY    1226    1224    1222    1220    1220    1222    1222    1222

3184        KK     176
3185        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 176
3186        BA     .67
3187        LG     .35     .34    4.03     .35     .00
3188        UI     66.    128.    279.    362.    449.    588.    817.    642.    515.    407.
3189        UI    319.    208.    115.     99.     66.     37.     20.     20.     20.     20.
3190        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3191        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3192        KK   1I176
3193        KM        ADD HYDROGRAPHS AT CP176
3194        HC       2     .95

3195        KK   CP176
3196        KM        ADD HYDROGRAPHS AT CP176
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3197        HC      2    1.40

3198        KK    R176
3199        KM        ROUTE FLOW FROM CP176 TO CP191
3200        RS      5              -1       0
3201        RC    .035    .035    .075    5540   .0067
3202        RX    1000    1001    1002    1025    1100    1400    1720    2050
3203        RY    1163    1163    1163    1162    1162    1164    1166    1168
```



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


3204        KK    D175
3205        KM        RETURN DIVERT AT CP175
3206        DR  DI175A

3207        KK    R175
3208        KM        ROUTE FLOW FROM CP175 TO CP175A
3209        RS      2              -1       0
3210        RC    .022    .022    .025    1560   .0013
3211        RX    1000    1001    1002    1020    1055    1150    1190    1390
3212        RY    1136    1136    1136    1134    1134    1136    1138    1140

3213        KK    175A
3214        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 175A
3215        BA     .47
3216        LG     .35     .33    3.80     .65     .00
3217        UI     42.     66.    162.    215.    258.    317.    439.    507.    388.    320.
3218        UI    258.    207.    147.     82.     69.     48.     41.     13.     13.     13.
3219        UI     13.     13.      0.      0.      0.      0.      0.      0.      0.      0.
3220        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3221        KK  CP175A
3222        KM        ADD HYDROGRAPHS AT CP175A
3223        HC      2     .75

3224        KK   R175A
3225        KM        ROUTE FLOW FROM CP175A TO CP189
3226        RS     11              -1       0
3227        RC    .022    .022    .025    3300   .0009
3228        RX    1000    1001    1002    1020    1035    1170    1460    1720
3229        RY    1233    1233    1233    1232    1232    1234    1236    1238

3230        KK     CP3
3231        KM        RETURN DIVERTED HYDROGRAPH FROM WT#3 HEC-1 MODEL
3232        DR    DCP3

3233        KK    RCP3
3234        KM        ROUTE FLOW AT CP3 TO CP189
3235        RS      5              -1       0
3236        RC     .05    .035     .05    4500   .0038
3237        RX    1000    1040    1175    1250    1275    1350    1430    1750
3238        RY    1261    1260  1260.5    1258    1258  1260.5    1258    1261

3239        KK   1I189
3240        KM        ADD HYDROGRAPHS AT CP189
3241        HC      2    5.61

3242        KK     189
3243        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 189
3244        BA     .51
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```
3245        LG    .35     .35    4.17     .40     .00
3246        UI    52.    110.    229.    298.    372.    516.    631.    471.    376.    293.
3247        UI   219.    118.     88.     59.     43.     16.     16.     16.     16.      0.
3248        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3249        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


3250        KK   CP189
3251        KM        ADD HYDROGRAPHS AT CP189
3252        HC      2    6.12

3253        KK    R189
3254        KM        ROUTE FLOW FROM CP189 TO CP190
3255        RS      8              -1       0
3256        RC    .08    .035    .035    6900   .0057
3257        RX   1000    1270    1700    2040    2090    2118    2119    2120
3258        RY   1212    1210    1208    1206    1206    1207    1207    1207

3259        KK    190
3260        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 190
3261        BA    .86
3262        LG    .50     .00    4.18     .42     .00
3263        UI    44.     44.     44.    141.    176.    209.    238.    261.    292.    331.
3264        UI   381.    482.    570.    492.    422.    374.    339.    297.    264.    232.
3265        UI   207.    167.    124.     77.     76.     72.     59.     44.     44.     31.
3266        UI    13.     13.     13.     13.     13.     13.     13.     13.     13.      0.
3267        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3268        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3269        KK   CP190
3270        KM        ADD HYDROGRAPHS AT CP190
3271        HC      2    6.98

3272        KK    R190
3273        KM        ROUTE FLOW FROM CP190 TO CP191
3274        RS      5              -1
3275        RC   .075    .035    .035    5280   .0076
3276        RX   1000    1260    2080    2310    2330    2358    2359    2360
3277        RY   1182    1180    1178    1176    1176    1177    1177    1177

3278        KK   D176A
3279        KM        RETURN DIVERT AT CP176A
3280        DR   DI191

3281        KK   R176A
3282        KM        ROUTE FLOW FROM CP176A TO CP191
3283        RS      4              -1       0
3284        RC   .035    .035     .08    5280   .0062
3285        RX   1000    1001    1002    1025    1100    1400    1720    2050
3286        RY   1163    1163    1163    1162    1162    1164    1166    1168

3287        KK   1I191
3288        KM        ADD HYDROGRAPHS AT CP191
3289        HC      3   10.07

3290        KK    191
3291        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 191
3292        BA    .99
3293        LG    .50     .00    3.59     .41     .00
```

```
3294        UI    39.    39.    39.    40.   127.   144.   170.   189.   210.   223.
3295        UI   243.   267.   293.   322.   381.   459.   509.   443.   389.   353.
```



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

3296        UI   324.   301.   272.   247.   227.   204.   186.   166.   135.   111.
3297        UI    70.    68.    65.    63.    56.    39.    39.    39.    30.    12.
3298        UI    12.    12.    12.    12.    12.    12.    12.    12.    12.    12.
3299        UI    12.     0.     0.     0.     0.     0.     0.     0.     0.     0.
3300        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3301        KK  CP191
3302        KM       ADD HYDROGRAPHS AT CP191
3303        HC      2  12.18

3304        KK  CP191
3305        KM       DIVERT TO CP208 FROM CP191
3306        DT  DI208
3307        DI      0     80    468   1339   2000   3000   4000   5000   6000
3308        DQ      0     80    468   1339   1339   1339   1339   1339   1339

3309        KK   R191
3310        KM       ROUTE REMAINDER FROM CP191 TO CP192A
3311        RS      5             -1      0
3312        RC    .08    .04    .04   2640  .0045
3313        RX   1000   1350   1800   2200   2225   2278   2279   2280
3314        RY   1148   1146   1144   1142   1142   1143   1143   1143

3315        KK   192A
3316        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 192A
3317        BA    .50
3318        LG    .50    .00   4.18    .41    .00
3319        UI    22.    22.    22.    50.    79.    96.   110.   122.   133.   146.
3320        UI   164.   180.   217.   267.   291.   246.   215.   194.   178.   160.
3321        UI   142.   129.   114.   105.    85.    64.    43.    40.    37.    37.
3322        UI    25.    22.    22.    17.     7.     7.     7.     7.     7.     7.
3323        UI     7.     7.     7.     7.     0.     0.     0.     0.     0.     0.
3324        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3325        KK  CP192A
3326        KM       ADD HYDROGRAPHS AT CP192A
3327        HC      2  12.68

3328        KK  R192A
3329        KM       ROUTE REMAINDER FROM CP192A TO CP192
3330        RS      9             -1      0
3331        RC    .08    .04    .04   2640  .0045
3332        RX   1000   1350   1800   2200   2225   2278   2279   2280
3333        RY   1148   1146   1144   1142   1142   1143   1143   1143

3334        KK    192
3335        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 192
3336        BA    .50
3337        LG    .50    .00   4.18    .41    .00
3338        UI    22.    22.    22.    51.    80.    96.   110.   123.   134.   147.
3339        UI   165.   182.   219.   270.   290.   245.   215.   193.   178.   159.
3340        UI   142.   129.   114.   104.    83.    64.    41.    40.    37.    37.
3341        UI    24.    22.    22.    16.     7.     7.     7.     7.     7.     7.
3342        UI     7.     7.     7.     7.     0.     0.     0.     0.     0.     0.
3343        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
```

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

3344          KK   CP192
3345          KM        ADD HYDROGRAPHS AT CP192
3346          HC       2   13.18

3347          KK    D192
3348          KM        DIVERT TO CP209 FROM CP192
3349          DT   DI209
3350          DI       0     126     480     965    3703    6169    9453
3351          DQ       0     126     419     853    3404    5491    8154

3352          KK    D192
3353          KM        DIVERT TO CP210 FROM CP192
3354          DT   DI210
3355          DI       0      61     112     299     678    1299    2208
3356          DQ       0       0       0       0       0     433     736

3357          KK    R192
3358          KM        ROUTE REMAINDER FROM CP192 TO CP193
3359          RS       5              -1       0
3360          RC     .08    .025    .022    4950   .0044
3361          RX    1000    1380    1800    2160    2195    2230    2275    2310
3362          RY    1124    1122    1120    1118    1118    1119    1116    1119

3363          KK     193
3364          KM        RUNOFF FROM SUBBASIN 193
3365          BA     .91
3366          LG     .50     .00    3.76     .46     .00
3367          UI     36.     36.     36.     38.    117.    133.    158.    175.    193.    206.
3368          UI    225.    247.    270.    299.    353.    426.    468.    405.    357.    324.
3369          UI    297.    277.    249.    226.    209.    186.    170.    151.    122.    100.
3370          UI     63.     63.     59.     58.     50.     36.     36.     36.     25.     11.
3371          UI     11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
3372          UI     11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3373          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3374          KK   1I193
3375          KM        ADD HYDROGRAPHS AT CP193
3376          HC       2   14.09

3377          KK    D179
3378          KM        RETURN DIVERT AT CP179
3379          DR   DI193

3380          KK    R179
3381          KM        ROUTE FLOW FROM CP179 TO CP193
3382          RS       7              -1       0
3383          RC    .022    .022     .06    5280   .0040
3384          RX    1000    1001    1002    1010    1050    1070    1150    1970
3385          RY    1113    1113    1113    1112    1112    1113    1112    1118
```



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

3386          KK   CP193
3387          KM        ADD HYDROGRAPHS AT CP193
3388          HC       2   36.34
```

```
3389        KK    D193
3390        KM        DIVERT TO CP212 FROM CP193
3391        DT   DI212
3392        DI       0     500     520     580     650    1000    1500    2000    2347    3000
3393        DQ       0       0       4      27      67     332     768    1219    1535    2139

3394        KK    R193
3395        KM        ROUTE REMAINDER FROM CP193 TO CP194
3396        RS       7              -1       0
3397        RC     .05    .020    .022    5280   .0015
3398        RX    1000    1940    1995    2020    2040    2050    2069    2070
3399        RY    1104    1100    1101    1098    1098    1100    1101    1101

3400        KK    D179
3401        KM        RETURN DIVERT AT CP179
3402        DR   DI194

3403        KK    R179
3404        KM        ROUTE FLOW FROM CP179 TO CP194
3405        RS       8              -1       0
3406        RC    .075    .075    .075    7500   .0039
3407        RX    1000    1001    1002    1360    2780    2998    2999    3000
3408        RY    1109    1109    1109    1108    1108    1109    1109    1109

3409        KK     194
3410        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 194
3411        BA     .99
3412        LG     .50     .00    3.75     .46     .00
3413        UI     34.     34.     34.     34.     73.    115.    131.    156.    168.    184.
3414        UI    196.    208.    227.    247.    265.    295.    343.    407.    453.    406.
3415        UI    359.    326.    300.    280.    263.    239.    220.    203.    186.    170.
3416        UI    159.    136.    110.     95.     60.     60.     58.     56.     56.     39.
3417        UI     34.     34.     34.     27.     10.     10.     10.     10.     10.     10.
3418        UI     10.     10.     10.     10.     10.     10.     10.     10.      0.      0.
3419        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3420        KK   1I194
3421        KM        ADD HYDROGRAPHS AT CP194
3422        HC       2   31.19

3423        KK   CP194
3424        KM        ADD HYDROGRAPHS AT CP194
3425        HC       2   37.33

3426        KK    R194
3427        KM        ROUTE FLOW FROM CP194 TO CP195
3428        RS       2              -1       0
3429        RC     .05     .02    .022    3750   .0018
3430        RX    1000    1770    1867    1895    1905    1913    1959    1960
3431        RY    1096    1093    1095    1088    1088    1090    1095    1095
```



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

3432        KK    D180
3433        KM        RETURN DIVERT AT CP180
3434        DR   1D195

3435        KK    R180
3436        KM        ROUTE FLOW FROM CP180 TO CP195
3437        RS      40              -1       0
```

```
3438        RC    .08     .08     .08    7050   .0031
3439        RX   1000    1001    1002    1350    2300    2448    2449    2450
3440        RY   1101    1101    1100    1099    1099    1100    1101    1101

3441        KK    195
3442        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 195
3443        BA    .49
3444        LG    .50     .00    3.51     .44     .00
3445        UI    16.     16.     16.     16.     27.     53.     61.     70.     77.     84.
3446        UI    90.     95.    102.    110.    121.    128.    145.    172.    193.    215.
3447        UI   190.    169.    154.    143.    133.    126.    115.    106.     98.     91.
3448        UI    83.     77.     70.     60.     46.     38.     29.     29.     27.     26.
3449        UI    26.     17.     16.     16.     16.     13.      5.      5.      5.      5.
3450        UI     5.      5.      5.      5.      5.      5.      5.      5.      5.      5.
3451        UI     5.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3452        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3453        KK   1I195
3454        KM        ADD HYDROGRAPHS AT CP195
3455        HC       2   35.64

3456        KK    D181
3457        KM        RETURN DIVERT AT CP181
3458        DR   2D195

3459        KK    R181
3460        KM        ROUTE FLOW FROM CP181 TO CP195
3461        RS       4              -1       0
3462        RC    .022    .022     .07    6400   .0033
3463        RX   1000    1001    1002    1040    1055    1080    1899    1900
3464        RY   1103    1103    1103    1098    1098    1102    1103    1103

3465        KK   CP195
3466        KM        ADD HYDROGRAPHS AT CP195
3467        HC       3   43.14

3468        KK    D195
3469        KM        DIVERT FLOW FROM CP195 TO CP201
3470        DT   1D201
3471        DI       0     410     430     500    1000    1500    2000    2500    3000
3472        DQ       0       0      13      67     543     991    1491    1991    2491
```



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


3473        KK    R195
3474        KM        ROUTE REMAINDER FROM CP195 TO CP196
3475        RS       1              -1       0
3476        RC    .018    .018    .025    2800    .003
3477        RX   1000    1001    1008    1020    1030    1042    1115    1220
3478        RY   1085    1085    1080    1074    1074    1080    1082    1083

3479        KK    D182
3480        KM        RETURN DIVERT AT CP182
3481        DR   DI196

3482        KK    R182
3483        KM        ROUTE FLOW FROM CP182 TO CP196
3484        RS      13              -1       0
3485        RC    .025    .025     .04    5280   .0034
3486        RX   1000    1001    1002    1030    1060    1115    1220    1750
```

```
3487        RY    1097    1097    1097    1096    1096  1096.5  1095.5    1097

3488        KK     196
3489        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 196
3490        BA     .47
3491        LG     .46     .03    3.74     .45    2.00
3492        UI     21.     21.     21.     50.     76.     92.    106.    117.    128.    142.
3493        UI    159.    176.    215.    264.    269.    227.    200.    181.    166.    147.
3494        UI    132.    118.    106.     93.     73.     56.     38.     37.     35.     32.
3495        UI     21.     21.     21.      9.      7.      7.      7.      7.      7.      7.
3496        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
3497        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3498        KK   1I196
3499        KM        ADD HYDROGRAPHS AT CP196
3500        HC       2   38.93

3501        KK   CP196
3502        KM        ADD HYDROGRAPHS AT CP196
3503        HC       2   51.75

3504        KK    D196
3505        KM        DIVERT FLOW FROM CP196 TO CP226
3506        DT   1D226
3507        DI       0     100     250     300     500    1000    1500    2000
3508        DQ       0       0       0      27     199     650    1100    1448

3509        KK    R196
3510        KM        ROUTE REMAINDER FROM CP196 TO CP202
3511        RS       2              -1       0
3512        RC     .02    .016     .02    5460   .0009
3513        RX    1000    1001    1008    1020    1030    1042    1074    1075
3514        RY    1078    1078    1076    1070    1070    1076    1078    1078
```



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


3515        KK     202
3516        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 202
3517        BA     .48
3518        LG     .50     .00    3.99     .40     .00
3519        UI     16.     16.     16.     16.     28.     52.     60.     69.     76.     83.
3520        UI     89.     95.    102.    110.    120.    128.    146.    175.    193.    209.
3521        UI    184.    165.    150.    139.    130.    122.    111.    103.     95.     88.
3522        UI     80.     75.     66.     55.     46.     33.     28.     28.     26.     26.
3523        UI     23.     16.     16.     16.     16.      9.      5.      5.      5.      5.
3524        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      5.
3525        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3526        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3527        KK   CP202
3528        KM        ADD HYDROGRAPHS AT CP202
3529        HC       2   52.23

3530        KK    D202
3531        KM        DIVERT FLOW AT CP202 TO CP226
3532        DT   2D226
3533        DI       0     500    1000    2000    2599    5604   10604
3534        DQ       0       0       0       0       0    3005    8005

3535        KK    R202
```

```
3536        KM        ROUTE FLOW FROM CP202 TO CP204
3537        RS      2              -1       0
3538        RC   .022    .016    .022    4200   .0009
3539        RX   1000    1001    1008    1020    1030    1042    1074    1075
3540        RY   1083    1083    1079    1073    1073    1079    1083    1083

3541        KK   CP204
3542        KM        ADD HYDROGRAPHS AT CP204
3543        HC      2   58.13

3544        KK    R204
3545        KM        ROUTE FLOW FROM CP204 TO CP205
3546        RS      1              -1       0
3547        RC   .022    .016    .022    1050    .003
3548        RX   1000    1001    1008    1020    1030    1042    1074    1075
3549        RY   1080    1080    1073    1067    1067    1073    1073    1078

3550        KK     205
3551        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 205
3552        BA    .06
3553        LG    .35     .36    3.50     .28     .00
3554        UI    40.    117.    176.     90.     28.      9.      5.      0.      0.      0.
3555        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3556        KK   CP205
3557        KM        ADD HYDROGRAPHS AT CP205
3558        HC      2   58.19
```



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


3559        KK    R205
3560        KM        ROUTE FLOW FROM CP205 TO CP206
3561        RS      1              -1       0
3562        RC   .022    .016    .022    1100    .003
3563        RX   1000    1001    1008    1020    1030    1042    1074    1075
3564        RY   1080    1080    1072    1066    1066    1072    1080    1080

3565        KK     206
3566        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 206
3567        BA    .12
3568        LG    .35     .35    4.05     .36     .00
3569        UI    30.    102.    159.    252.    175.    112.     49.     27.     10.      7.
3570        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3571        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3572        KK   CP206
3573        KM        ADD HYDROGRAPHS AT CP206
3574        HC      2   58.31

3575        KK  RCP206
3576        KM        ADD HYDROGRAPHS AT RCP206
3577        HC      2   68.69

3578        KK   RR206
3579        KM        RIVER ROUTE RCP206 TO RCP228A
3580        RS      1              -1       0
3581        RC   .035    .035    .035    2500   .0036
3582        RX   1000    1001    1002    1042    2042    2082    2083    2084
3583        RY   1070    1070    1070    1060    1060    1070    1070    1070
```

```
3584        KK    228A
3585        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 228A
3586        BA     .08
3587        LG     .35     .35    4.23     .44     .00
3588        UI     27.     86.    150.    170.    102.     47.     22.      7.      5.      0.
3589        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3590        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3591        KK  RC228A
3592        KM        ADD HYDROGRAPHS AT RCP228A
3593        HC       2   68.77

3594        KK  RR228A
3595        KM        RIVER ROUTE RCP228A TO RCP245
3596        RS      11              -1       0
3597        RC    .035    .035    .035   10560   .0025
3598        RX    1000    1001    1002    1042    2042    2082    2083    2084
3599        RY    1066    1066    1066    1050    1050    1066    1066    1066
```



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


3600        KK  DR228A
3601        KM        THIS IS AN ARTIFICALLY DIVERTED HYDROGRAPH TO BE RETRIEVED LATER
3602        DT  DR228A
3603        DI       0    1000    2000    4000    6000    8000
3604        DQ       0    1000    2000    4000    6000    8000

3605        KK    CP10
3606        KM        RETURN DIVERTED HYDROGRAPH FROM WT#3 HEC-1 MODEL
3607        DR   DCP10

3608        KK     R10
3609        KM        ROUTE FLOW AT CP10 TO CP188
3610        RS       1              -1       0
3611        RC     .06     .04     .06    1000   .0044
3612        RX    1000    1050    1150    1240    1300    1350    1400    1405
3613        RY    1228  1227.5    1226    1225    1225    1226  1227.5    1228

3614        KK     188
3615        KM        RUNOFFF HYDROGRAPH FROM SUB-BASIN 188
3616        BA     .19
3617        LG     .35     .33    4.11     .51     .00
3618        UI     29.    120.    179.    274.    326.    221.    152.     76.     44.     24.
3619        UI      9.      9.      0.      0.      0.      0.      0.      0.      0.      0.
3620        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3621        KK   CP188
3622        KM        ADD HYDROGRAPHS AT CP188
3623        HC       2   11.08

3624        KK    R188
3625        KM        ROUTE FLOW FROM CP188 TO CP207A
3626        RS       3              -1
3627        RC    .025    .022    .025    5460   .0079
3628        RX    1000    1100    1200    1210    1230    1335    1355    1510
3629        RY    1240    1214    1212    1210    1210    1212    1214    1240

3630        KK    207A
3631        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 207A
3632        BA     .50
```

```
3633        LG    .35     .34    4.03     .55     .00
3634        UI    53.    124.    244.    314.    400.    593.    595.    448.    350.    270.
3635        UI   176.     93.     76.     53.     20.     16.     16.     16.      0.      0.
3636        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3637        KK  CP207A
3638        KM        ADD HYDROGRAPHS AT CP207A
3639        HC       2   11.58

3640        KK   R207A
3641        KM        ROUTE FLOW FROM CP207A TO CP214
3642        RS       2              -1
3643        RC    .022    .022    .025    3200   .0069
3644        RX    1000    1020    1030    1045    1065    1085    1325    1490
3645        RY    1179    1176    1172    1170    1170    1172    1174    1176
```



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


3646        KK     214
3647        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 214
3648        BA    .16
3649        LG    .35     .35    4.16     .38     .00
3650        UI    22.     81.    127.    176.    267.    201.    146.    100.     47.     31.
3651        UI    18.      7.      7.      7.      0.      0.      0.      0.      0.      0.
3652        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3653        KK   CP214
3654        KM        ADD HYDROGRAPHS AT CP214
3655        HC       2   11.74

3656        KK    R214
3657        KM        ROUTE FLOW FROM CP214 TO CP215
3658        RS       1              -1
3659        RC    .022    .022    .025    2250   .0049
3660        RX    1000    1010    1030    1045    1070    1150    1190    1310
3661        RY    1061    1060    1058    1056    1056    1058    1060    1062

3662        KK    215A
3663        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 215A
3664        BA    .45
3665        LG    .35     .33    3.94     .34     .00
3666        UI    47.    103.    209.    271.    341.    487.    551.    410.    325.    252.
3667        UI   178.     95.     77.     47.     29.     14.     14.     14.     14.      0.
3668        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3669        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3670        KK   R215A
3671        KM        ROUTE FLOW FROM CP215A TO CP215
3672        RS       2              -1
3673        RC    .025     .02    .025    2800   .0046
3674        RX    1000    1190    1425    1435    1455    1478    1479    1480
3675        RY    1158    1156    1154    1152    1152    1159    1159    1159

3676        KK     215
3677        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 215
3678        BA    .35
3679        LG    .35     .34    3.71     .31     .00
3680        UI    39.     95.    181.    233.    303.    457.    398.    306.    235.    177.
3681        UI    98.     65.     45.     29.     12.     12.     12.     12.      0.      0.
3682        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
3683        KK   1I215
3684        KM        ADD HYDROGRAPHS AT CP215
3685        HC       2     .80

3686        KK   CP215
3687        KM        ADD HYDROGRAPHS AT CP215
3688        HC       2   12.54
```



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


3689        KK    R215
3690        KM        ROUTE FLOW FROM CP215 TO CP233
3691        RS       3              -1
3692        RC     .02     .02    .025    5280   .0032
3693        RX    1000    1010    1020    1030    1050    1070    1190    1540
3694        RY    1043    1042    1040    1038    1038    1040    1042    1044

3695        KK     233
3696        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 233
3697        BA     .50
3698        LG     .35     .35    4.22     .39     .00
3699        UI     49.     94.    206.    267.    331.    430.    604.    483.    386.    306.
3700        UI    242.    163.     86.     76.     49.     31.     15.     15.     15.     15.
3701        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3702        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3703        KK   CP233
3704        KM        ADD HYDROGRAPHS AT CP233
3705        HC       2   13.04

3706        KK    R233
3707        KM        ROUTE FLOW FROM CP233 TO CP234
3708        RS       2              -1
3709        RC    .075    .035    .035    2640   .0057
3710        RX    1000    1200    1540    1930    1965    1980    2009    2010
3711        RY    1031    1030    1028    1026    1026    1028    1029    1029

3712        KK     216
3713        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 216
3714        BA     .51
3715        LG     .46     .09    4.21     .40     .00
3716        UI     26.     26.     27.     88.    108.    128.    145.    160.    180.    203.
3717        UI    240.    304.    342.    285.    246.    220.    198.    172.    154.    134.
3718        UI    117.     89.     63.     47.     44.     43.     27.     26.     26.      9.
3719        UI      8.      8.      8.      8.      8.      8.      8.      8.      0.      0.
3720        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3721        KK    R216
3722        KM        ROUTE FLOW FROM CP216 TO CP234
3723        RS       4              -1
3724        RC     .02     .02     .04    5280   .0044
3725        RX    1000    1015    1020    1035    1070    1080    1140    1400
3726        RY    1031    1030    1028    1026    1026    1028    1030    1032

3727        KK     234
3728        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 234
3729        BA     .53
3730        LG     .50     .00    4.25     .40     .00
3731        UI     22.     22.     22.     35.     74.     87.    103.    113.    124.    134.
```

```
3732        UI   148.   164.   179.   214.   259.   289.   250.   219.   197.   181.
3733        UI   167.   149.   136.   122.   110.   100.    82.    63.    43.    39.
3734        UI    37.    36.    30.    22.    22.    22.    11.     7.     7.     7.
3735        UI     7.     7.     7.     7.     7.     7.     7.     7.     0.     0.
3736        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
```



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

3737        KK   1I234
3738        KM        ADD HYDROGRAPHS AT CP234
3739        HC      2    1.04

3740        KK   CP234
3741        KM        ADD HYDROGRAPHS AT CP234
3742        HC      2   14.08

3743        KK    D234
3744        KM        DIVERT FROM CP234 TO CP248
3745        DT   1D248
3746        DI      0     290     677    3521   13393
3747        DQ      0       0     174    1824   10224

3748        KK    R234
3749        KM        ROUTE REMAINDER FROM CP234 TO CP235
3750        RS      3              -1
3751        RC    .06    .025    .025    2640   .0023
3752        RX   1000    1460    1900    1915    1930    1958    1959    1960
3753        RY   1018    1016    1016    1014    1014    1015    1015    1015

3754        KK     207
3755        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 207
3756        BA    1.00
3757        LG     .50     .00    3.99     .39     .00
3758        UI     39.     39.     39.     39.    125.    143.    169.    187.    209.    222.
3759        UI    241.    263.    291.    316.    374.    445.    510.    454.    399.    358.
3760        UI    329.    306.    280.    252.    231.    210.    191.    174.    145.    111.
3761        UI     83.     68.     66.     63.     63.     40.     39.     39.     39.     14.
3762        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
3763        UI     12.     12.      0.      0.      0.      0.      0.      0.      0.      0.
3764        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3765        KK    D207
3766        KM        DIVERT FROM CP207 TO CP208
3767        DT   2D208
3768        DI      0    1709   12182
3769        DQ      0    1314    6607

3770        KK    R207
3771        KM        ROUTE REMAINDER FROM CP207 TO CP217
3772        RS      8              -1
3773        RC   .035    .035    .075    5280   .0057
3774        RX   1000    1001    1002    1015    1060    1490    1740    2250
3775        RY   1151    1151    1151    1150    1150    1152    1154    1156

3776        KK     217
3777        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 217
3778        BA     .49
3779        LG     .50     .00    4.19     .38     .00
3780        UI     22.     22.     22.     54.     81.     98.    112.    124.    135.    150.
3781        UI    167.    188.    233.    278.    278.    235.    207.    188.    172.    152.
```

```
3782        UI    137.    122.    109.     95.     73.     54.     40.     38.     37.     31.
3783        UI     22.     22.     22.      7.      7.      7.      7.      7.      7.      7.
```



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

3784        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
3785        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3786        KK   CP217
3787        KM        ADD HYDROGRAPHS AT CP217
3788        HC       2    1.49

3789        KK    D217
3790        KM        DIVERT FROM CP217 TO CP218
3791        DT   DI218
3792        DI       0      90     884    6576   28127
3793        DQ       0      51     163    1840   10674

3794        KK    R217
3795        KM        ROUTE REMAINDER FROM CP217 TO CP235
3796        RS       7              -1
3797        RC     .02     .03    .075    5280   .0036
3798        RX    1000    1020    1035    1040    1050    1300    1640    1790
3799        RY    1015    1014    1015    1014    1014    1016    1018    1019

3800        KK     235
3801        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 235
3802        BA     .47
3803        LG     .50     .00    4.27     .40     .00
3804        UI     19.     19.     19.     28.     63.     74.     89.     98.    106.    115.
3805        UI    126.    140.    152.    178.    216.    251.    228.    198.    177.    162.
3806        UI    150.    135.    122.    112.     99.     91.     79.     62.     49.     34.
3807        UI     33.     31.     31.     21.     19.     19.     19.      6.      6.      6.
3808        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
3809        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3810        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3811        KK   1I235
3812        KM        ADD HYDROGRAPHS AT CP235
3813        HC       2    1.96

3814        KK   CP235
3815        KM        ADD HYDROGRAPHS AT CP235
3816        HC       2   16.04

3817        KK    D235
3818        KM        DIVERT FROM CP235 TO CP248
3819        DT   2D248
3820        DI       0     158     313    4490    9737
3821        DQ       0       0     155    2380    5077

3822        KK    R235
3823        KM        ROUTE REMAINDER FROM CP235 TO CP236
3824        RS       5              -1
3825        RC     .04     .02     .02    5280   .0051
3826        RX    1000    1640    1660    1675    1685    1778    1779    1780
3827        RY    1097    1094    1095    1094    1094    1095    1095    1095
```



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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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```
3828        KK    D191
3829        KM         RETURN DIVERTED HYDROGRAPH AT CP291 IN THE WTPHS1 HEC-1 MODEL
3830        DR   DI208

3831        KK    R191
3832        KM        ROUTE FLOW FROM CP191 TO CP208
3833        RS       5              -1       0
3834        RC    .022    .022    .050    5280   .0040
3835        RX    1000    1001    1002    1045    1110    1130    1160    1890
3836        RY    1143    1143    1143    1142    1142    1143  1141.5    1150

3837        KK     208
3838        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 208
3839        BA    1.00
3840        LG     .50     .00    4.18     .42     .00
3841        UI     40.     40.     40.     57.    133.    156.    188.    206.    224.    243.
3842        UI    265.    294.    320.    371.    453.    523.    489.    424.    379.    346.
3843        UI    321.    290.    262.    239.    215.    195.    172.    137.    110.     72.
3844        UI     72.     67.     67.     50.     40.     40.     40.     17.     12.     12.
3845        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.      0.
3846        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3847        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3848        KK   1I208
3849        KM        ADD HYDROGRAPHS AT CP208
3850        HC       2   13.18

3851        KK    D207
3852        KM        RETURN DIVERT AT CP207
3853        DR   2D208

3854        KK    R207
3855        KM        ROUTE FLOW FROM CP207 TO CP208
3856        RS       8              -1
3857        RC    .075    .035    .035    5280   .0059
3858        RX    1000    1001    1350    2000    2020    2038    2039    2040
3859        RY    1056    1056    1054    1052    1052    1053    1053    1053

3860        KK   CP208
3861        KM        ADD HYDROGRAPHS AT CP208
3862        HC       2   14.18

3863        KK    D208
3864        KM        DIVERT FROM CP208 TO CP219
3865        DT   1D219
3866        DI       0     599    5129    9299
3867        DQ       0     406    1039    1295

3868        KK    D208
3869        KM        DIVERT FROM CP208 TO CP209A
3870        DT  DI209A
3871        DI       0     193    4090    8004
3872        DQ       0     193    4066    7610
```



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

3873        KK    R208
3874        KM        ROUTE REMAINDER FROM CP208 TO CP218
3875        RS      13              -1
```

```
3876        RC    .025    .025    .035    5280   .0047
3877        RX    1000    1001    1002    1010    1040    1055    1100    2010
3878        RY    1123    1123    1123    1122    1122    1125    1124    1130

3879        KK     218
3880        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 218
3881        BA    1.00
3882        LG     .50     .00    4.20     .39     .00
3883        UI     39.     39.     39.     41.    128.    145.    172.    191.    212.    225.
3884        UI    246.    269.    295.    325.    385.    463.    514.    447.    393.    356.
3885        UI    327.    304.    275.    249.    229.    206.    188.    168.    136.    112.
3886        UI     71.     69.     65.     64.     57.     39.     39.     39.     31.     12.
3887        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
3888        UI     12.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3889        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3890        KK   1I218
3891        KM        ADD HYDROGRAPHS AT CP218
3892        HC       2   15.18

3893        KK    D217
3894        KM        RETURN DIVERT AT CP217
3895        DR   DI218

3896        KK    R217
3897        KM        ROUTE FLOW FROM CP217 TO CP218
3898        RS      10              -1
3899        RC    .075    .035    .035    5280   .0047
3900        RX    1000    1190    1650    1980    2030    2048    2049    2050
3901        RY    1123    1122    1120    1118    1118    1119    1119    1119

3902        KK   CP218
3903        KM        ADD HYDROGRAPHS AT CP218
3904        HC       2   15.67

3905        KK    D218
3906        KM        DIVERT FROM CP218 TO CP237
3907        DT   DI237
3908        DI       0      68    1086   10670
3909        DQ       0      68     664    2533

3910        KK    D218
3911        KM        DIVERT FROM CP218 TO CP219
3912        DT   2D219
3913        DI       0       0     422    8137
3914        DQ       0       0      99    2461
```



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


3915        KK    R218
3916        KM        ROUTE REMAINDER FROM CP218 TO CP236
3917        RS       5              -1
3918        RC     .02     .02    .075    5280   .0040
3919        RX    1000    1001    1002    1020    1090    1100    1210    1720
3920        RY    1097    1097    1097    1096    1096    1099    1098    1102

3921        KK     236
3922        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 236
3923        BA    1.00
3924        LG     .50     .00    3.88     .45     .00
```

```
3925    UI    38.    38.    38.    38.   113.   137.   160.   180.   199.   214.
3926    UI   229.   251.   276.   297.   343.   419.   470.   474.   411.   366.
3927    UI   334.   310.   288.   261.   236.   220.   196.   181.   161.   132.
3928    UI   108.    70.    67.    64.    62.    60.    38.    38.    38.    38.
3929    UI    12.    12.    12.    12.    12.    12.    12.    12.    12.    12.
3930    UI    12.    12.    12.     0.     0.     0.     0.     0.     0.     0.
3931    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3932    KK   1I236
3933    KM        ADD HYDROGRAPHS AT CP236
3934    HC       2   16.67

3935    KK   CP236
3936    KM        ADD HYDROGRAPHS AT CP236
3937    HC       2   26.34

3938    KK    D236
3939    KM        DIVERT FROM CP236 TO CP249
3940    DT   DI249
3941    DI       0    236    411   6597  30351
3942    DQ       0      0     38   2223   8777

3943    KK    D236
3944    KM        DIVERT FROM CP236 TO CP250
3945    DT   1D250
3946    DI       0    236    373   4374  21574
3947    DQ       0      0    124   2251   8636

3948    KK    R236
3949    KM        ROUTE REMAINDER FROM CP236 TO CP237
3950    RS       2             -1
3951    RC     .02    .02    .02   2640  .0038
3952    RX    1000   1070   1100   1120   1150   1178   1179   1180
3953    RY    1079   1075   1082   1076   1076   1077   1077   1077

3954    KK    209A
3955    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 209A
3956    BA     .50
3957    LG     .50    .00   4.27    .41    .00
3958    UI     22.    22.    22.    42.    75.    89.   103.   115.   124.   137.
3959    UI    152.   166.   191.   238.   275.   260.   224.   199.   181.   167.
3960    UI    149.   134.   121.   108.    99.    80.    62.    40.    38.    36.
3961    UI     35.    26.    22.    22.    20.     7.     7.     7.     7.     7.
```



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

3962    UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
3963    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3964    KK    D208
3965    KM        RETURN DIVERT AT CP208
3966    DR  DI209A

3967    KK    R208
3968    KM        ROUTE FLOW FROM CP208 TO CP209A
3969    RS       2             -1
3970    RC     .75    .03    .03   2640  .0045
3971    RX    1000   1490   1890   1950   1970   1998   1999   2000
3972    RY    1130   1128   1126   1124   1124   1125   1125   1125

3973    KK  CP209A
```

```
3974        KM       ADD HYDROGRAPHS AT CP209A
3975        HC      2   14.68

3976        KK   D209A
3977        KM       DIVERT FROM CP209A TO CP220
3978        DT   1D220
3979        DI      0      57    5215   28650
3980        DQ      0      39    1907    3775

3981        KK   D209A
3982        KM       DIVERT FROM CP209A TO CP209
3983        DT   2D209
3984        DI      0      18    3308   24875
3985        DQ      0       0     900   10854

3986        KK   R209A
3987        KM       ROUTE REMAINDER FROM CP209A TO CP219
3988        RS      7              -1
3989        RC   .035    .035    .075    5280   .0045
3990        RX   1000    1001    1002    1010    1200    1500    1880    2100
3991        RY   1113    1113    1113    1112    1112    1114    1116    1117

3992        KK    D208
3993        KM       RETURN DIVERT AT CP208
3994        DR   1D219

3995        KK    R208
3996        KM       ROUTE FLOW FROM CP208 TO CP219
3997        RS     22              -1
3998        RC   .075    .075    .075    6070   .0059
3999        RX   1000    1001    1002    1270    2570    2698    2699    2700
4000        RY   1115    1115    1115    1114    1114    1115    1115    1115

4001        KK     219
4002        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 219
4003        BA    .50
4004        LG    .50     .00    4.21     .40     .00
4005        UI    22.     22.     22.     45.     77.     92.    105.    119.    128.    140.
4006        UI   158.    173.    202.    247.    289.    253.    220.    196.    180.    164.
4007        UI   146.    132.    119.    106.     93.     72.     55.     39.     38.     36.
```



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

4008        UI    33.     22.     22.     22.     12.      7.      7.      7.      7.      7.
4009        UI     7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
4010        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4011        KK   1I219
4012        KM       ADD HYDROGRAPHS AT CP219
4013        HC      2   14.68

4014        KK   2I219
4015        KM       ADD HYDROGRAPHS AT CP219
4016        HC      2   15.18

4017        KK    D218
4018        KM       RETURN DIVERT AT CP218
4019        DR   2D219

4020        KK    R218
4021        KM       ROUTE FLOW FROM CP218 TO CP219
```

```
4022        RS      12              -1
4023        RC    .075     .04     .04    2640   .0045
4024        RX    1000    1110    1290    1600    2050    2108    2109    2110
4025        RY    1101    1100    1098    1096    1096    1097    1097    1097

4026        KK   CP219
4027        KM        ADD HYDROGRAPHS AT CP219
4028        HC       2   16.67

4029        KK    D219
4030        KM        DIVERT FROM CP219 TO CP238
4031        DT   DI238
4032        DI       0      70    1410   16774
4033        DQ       0      68     990   10452

4034        KK    D219
4035        KM        DIVERT FROM CP219 TO CP220
4036        DT   2D220
4037        DI       0       2     420    6322
4038        DQ       0       0     174    3073

4039        KK    R219
4040        KM        ROUTE REMAINDER FROM CP219 TO CP237
4041        RS      14              -1
4042        RC    .035    .035    .075    5280   .0036
4043        RX    1000    1001    1002    1020    1300    1820    2099    2100
4044        RY    1087    1087    1087    1086    1086    1088    1089    1089

4045        KK    D218
4046        KM        RETURN DIVERT AT CP218
4047        DR   DI237
```



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


4048        KK    R218
4049        KM        ROUTE FLOW FROM CP218 TO CP237
4050        RS      14              -1
4051        RC    .035    .035    .075    6700   .0046
4052        RX    1000    1001    1002    1020    1300    1820    2099    2100
4053        RY    1087    1087    1087    1086    1086    1088    1089    1089

4054        KK     237
4055        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 237
4056        BA     .50
4057        LG     .50     .00    3.61     .46     .00
4058        UI     20.     20.     20.     23.     65.     74.     88.     98.    108.    115.
4059        UI    126.    139.    151.    169.    204.    241.    255.    219.    195.    176.
4060        UI    162.    150.    135.    123.    113.    100.     93.     80.     62.     49.
4061        UI     35.     35.     32.     32.     23.     20.     20.     20.      9.      6.
4062        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
4063        UI      6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4064        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4065        KK   1I237
4066        KM        ADD HYDROGRAPHS AT CP237
4067        HC       2   16.17

4068        KK   2I237
4069        KM        ADD HYDROGRAPHS AT CP237
4070        HC       2   17.17
```

```
4071        KK   CP237
4072        KM        ADD HYDROGRAPHS AT CP237
4073        HC       2   27.84

4074        KK    D237
4075        KM        DIVERT FROM CP237 TO CP250
4076        DT   2D250
4077        DI       0     292     346     629    3340   24038
4078        DQ       0       0       0     103    1577   11878

4079        KK    D237
4080        KM        DIVERT FROM CP237 TO CP250A
4081        DT  1D250A
4082        DI       0     292     346     526    1763   12160
4083        DQ       0       0      54     203     974    3738

4084        KK    R237
4085        KM        ROUTE REMAINDER FROM CP237 TO CP238
4086        RS       1              -1
4087        RC     .04     .02     .02    2640   .0049
4088        RX    1000    1545    1560    1570    1585    1618    1619    1620
4089        RY    1069    1066    1067  1062.5  1062.5    1067    1067    1067
```



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


4090        KK   1D192
4091        KM        RETURN DIVERTED HYDROGRAPH FROM WTPHS1 HEC-1 MODEL
4092        DR   DI209

4093        KK    R192
4094        KM        ROUTE FLOW FROM CP192 TO CP209
4095        RS       5              -1       0
4096        RC    .035    .035     .15    5280   .0045
4097        RX    1000    1001    1002    1015    1200    1470    1840    2300
4098        RY    1111    1111    1111    1110    1110    1112    1114    1116

4099        KK     209
4100        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 209
4101        BA     .50
4102        LG     .50     .00    3.85     .46     .00
4103        UI     22.     22.     22.     51.     80.     97.    111.    123.    134.    148.
4104        UI    166.    183.    221.    273.    289.    244.    215.    193.    178.    158.
4105        UI    141.    128.    113.    103.     82.     64.     40.     40.     37.     37.
4106        UI     23.     22.     22.     14.      7.      7.      7.      7.      7.      7.
4107        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
4108        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4109        KK   1I209
4110        KM        ADD HYDROGRAPHS AT CP209
4111        HC       2   13.68

4112        KK   D209A
4113        KM        RETURN DIVERT AT CP209A
4114        DR   2D209

4115        KK   R209A
4116        KM        ROUTE FLOW FROM CP209A TO CP209
4117        RS       7              -1
4118        RC    .075    .035    .035    2640   .0057
```

```
4119        RX    1000    1240    1700    1980    1990    3028    3029    3030
4120        RY    1117    1116    1114    1112    1112    1113    1113    1113

4121        KK   CP209
4122        KM        ADD HYDROGRAPHS AT CP209
4123        HC       2   16.18

4124        KK    D209
4125        KM        DIVERT FROM CP209 TO CP221
4126        DT   1D221
4127        DI       0      39    3983   16787
4128        DQ       0      34    1666    5085

4129        KK    D209
4130        KM        DIVERT FROM CP209 TO CP210
4131        DT   2D210
4132        DI       0       5    2317   11702
4133        DQ       0       0     703    5354
```



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


4134        KK    R209
4135        KM        ROUTE REMAINDER FROM CP209 TO CP220
4136        RS       7              -1
4137        RC    .035    .035    .075    5280   .0040
4138        RX    1000    1001    1002    1015    1180    1560    1820    2050
4139        RY    1091    1091    1091    1090    1090    1092    1094    1095

4140        KK   D209A
4141        KM        RETURN DIVERT AT CP209A
4142        DR   1D220

4143        KK   R209A
4144        KM        ROUTE FLOW FROM CP209A TO CP220
4145        RS      12              -1
4146        RC    .075    .075    .075    6230   .0058
4147        RX    1000    1001    1002    1090    1280    1298    1299    1300
4148        RY    1140    1107    1107    1106    1106    1107    1107    1140

4149        KK     220
4150        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 220
4151        BA     .50
4152        LG     .50     .00    4.13     .41     .00
4153        UI     22.     22.     22.     41.     74.     89.    103.    115.    124.    136.
4154        UI    151.    166.    189.    237.    272.    262.    224.    199.    182.    167.
4155        UI    150.    134.    122.    109.    100.     81.     62.     42.     38.     36.
4156        UI     35.     27.     22.     22.     21.      7.      7.      7.      7.      7.
4157        UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
4158        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4159        KK   1I220
4160        KM        ADD HYDROGRAPHS AT CP220
4161        HC       2   15.18

4162        KK   2I220
4163        KM        ADD HYDROGRAPHS AT CP220
4164        HC       2   16.68

4165        KK    D219
4166        KM        RETURN DIVERT AT CP219
```

```
4167        DR   2D220

4168        KK    R219
4169        KM        ROUTE FLOW FROM CP219 TO CP220
4170        RS      3              -1
4171        RC   .075    .020    .020    2640   .0045
4172        RX   1000    1460    1670    1700    1730    1768    1769    1770
4173        RY   1088    1085    1087    1080    1080    1087    1087    1087

4174        KK   CP220
4175        KM        ADD HYDROGRAPHS AT CP220
4176        HC      2   18.17
```



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


4177        KK    D220
4178        KM        DIVERT FROM CP220 TO CP239
4179        DT   DI239
4180        DI      0     735    9080   34764
4181        DQ      0     537    3765    9314

4182        KK    D220
4183        KM        DIVERT FROM CP220 TO CP221
4184        DT   2D221
4185        DI      0     198    5315   25450
4186        DQ      0     174    4011   17035

4187        KK    R220
4188        KM        ROUTE REMAINDER FROM CP220 TO CP238
4189        RS     15              -1
4190        RC   .035    .035    .075    5280   .0038
4191        RX   1000    1001    1002    1020    1150    1670    1869    1870
4192        RY   1033    1033    1033    1032    1032    1034    1036    1036

4193        KK    D219
4194        KM        RETURN DIVERT AT CP219
4195        DR   DI238

4196        KK    R219
4197        KM        ROUTE FLOW FROM CP219 TO CP238
4198        RS      8              -1
4199        RC   .035    .035    .075    6230   .0051
4200        RX   1000    1001    1002    1020    1150    1670    1869    1870
4201        RY   1033    1033    1033    1032    1032    1034    1036    1036

4202        KK     238
4203        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 238
4204        BA    .50
4205        LG    .50     .00    3.52     .47     .00
4206        UI    21.     21.     21.     34.     70.     83.     98.    108.    118.    127.
4207        UI   140.    156.    170.    204.    247.    273.    234.    206.    185.    170.
4208        UI   157.    140.    127.    115.    104.     93.     76.     60.     39.     37.
4209        UI    35.     34.     27.     21.     21.     21.      9.      6.      6.      6.
4210        UI     6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
4211        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4212        KK   1I238
4213        KM        ADD HYDROGRAPHS AT CP238
4214        HC      2   17.17
```

```
4215        KK   2I238
4216        KM        ADD HYDROGRAPHS AT CP238
4217        HC       2   18.67
```



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

4218        KK   CP238
4219        KM        ADD HYDROGRAPHS AT CP238
4220        HC       2   30.34

4221        KK    D238
4222        KM        DIVERT FROM CP238 TO CP250A
4223        DT  2D250A
4224        DI       0     180     568    2711    8584   18252
4225        DQ       0       0       0     184     837    2617

4226        KK    D238
4227        KM        DIVERT FROM CP238 TO CP251
4228        DT   1D251
4229        DI       0     568    2527    7747   15635
4230        DQ       0       0     522    2262    4829

4231        KK    R238
4232        KM        ROUTE REMAINDER FROM CP238 TO CP239
4233        RS       4              -1
4234        RC    .075     .02     .02    2640   .0023
4235        RX    1000    1230    1780    1790    1800    1810    1829    1830
4236        RY    1062    1060    1058    1056    1056    1058    1059    1059

4237        KK   2D192
4238        KM        RETURN DIVERTED HYDROGRAPH FROM WTPHS1 HEC-1 MODEL
4239        DR   DI210

4240        KK    R192
4241        KM        ROUTE FLOW FROM CP192 TO CP210
4242        RS       7              -1       0
4243        RC     .15     .15     .15    5900   .0054
4244        RX    1000    1001    1002    1050    2400    2548    2549    2550
4245        RY  1113.5    1113    1113    1112    1112    1113    1113  1113.5

4246        KK     210
4247        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 210
4248        BA     .46
4249        LG     .50     .00    3.84     .52     .00
4250        UI     20.     20.     20.     42.     71.     85.     97.    110.    118.    130.
4251        UI    146.    160.    188.    230.    266.    232.    202.    180.    165.    151.
4252        UI    133.    121.    108.     97.     84.     65.     49.     36.     35.     33.
4253        UI     29.     20.     20.     20.      9.      6.      6.      6.      6.      6.
4254        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
4255        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4256        KK   1I210
4257        KM        ADD HYDROGRAPHS AT CP210
4258        HC       2   13.64
```



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

4259        KK    D209
```

```
4260        KM        RETURN DIVERT AT CP209
4261        DR    2D210

4262        KK     R209
4263        KM        ROUTE FLOW FROM CP209 TO CP210
4264        RS       6              -1
4265        RC    .075    .035    .035    2560    .0030
4266        RX    1000    1001    1630    2120    2250    2268    2269    2270
4267        RY    1102    1102    1100    1098    1098    1099    1099    1099

4268        KK    CP210
4269        KM        ADD HYDROGRAPHS AT CP210
4270        HC       2   16.58

4271        KK     R210
4272        KM        ROUTE FLOW FROM CP210 TO CP221
4273        RS      14              -1
4274        RC    .035    .035    .075    5450    .0033
4275        RX    1000    1001    1002    1020    1280    1880    2469    2470
4276        RY    1083    1083    1083    1082    1082    1084    1086    1088

4277        KK     D209
4278        KM        RETURN DIVERT AT CP209
4279        DR    1D221

4280        KK     R209
4281        KM        ROUTE FLOW FROM CP209 TO CP221
4282        RS      22              -1
4283        RC    .075    .075    .075    5910    .0044
4284        RX    1000    1001    1002    1120    2150    2278    2279    2280
4285        RY    1091    1091    1091    1090    1090    1091    1091    1091

4286        KK      221
4287        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 221
4288        BA     .48
4289        LG     .50     .00    3.53     .48     .00
4290        UI     20.     20.     20.     36.     69.     82.     96.    106.    116.    126.
4291        UI    139.    154.    172.    210.    250.    258.    220.    194.    176.    162.
4292        UI    147.    132.    120.    107.     97.     84.     66.     50.     36.     35.
4293        UI     33.     33.     20.     20.     20.     15.      6.      6.      6.      6.
4294        UI      6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
4295        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4296        KK    1I221
4297        KM        ADD HYDROGRAPHS AT CP221
4298        HC       2   16.66

4299        KK    2I221
4300        KM        ADD HYDROGRAPHS AT CP221
4301        HC       2   17.06
```



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


4302        KK     D220
4303        KM        RETURN DIVERT AT CP220
4304        DR    2D221

4305        KK     R220
4306        KM        ROUTE FLOW FROM CP220 TO CP221
4307        RS       4              -1
```

```
4308        RC   .075    .035    .035    2200   .0023
4309        RX   1000    1001    1470    1870    2160    2178    2179    2180
4310        RY   1082    1082    1080    1078    1078    1081    1081    1081

4311        KK   CP221
4312        KM       ADD HYDROGRAPHS AT CP221
4313        HC      2   19.11

4314        KK    R221
4315        KM       ROUTE FLOW FROM CP221 TO CP239
4316        RS     20              -1
4317        RC   .075    .075    .075    5750   .0032
4318        RX   1000    1001    1002    1320    2850    2998    2999    2999
4319        RY   1100    1071    1071    1070    1070    1071    1071    1100

4320        KK    D220
4321        KM       RETURN DIVERT AT CP220
4322        DR   DI239

4323        KK    R220
4324        KM       ROUTE FLOW FROM CP220 TO CP239
4325        RS     21              -1
4326        RC   .075    .075    .075    5750   .0045
4327        RX   1000    1001    1002    1320    2850    2998    2999    3000
4328        RY   1071    1071    1071    1070    1070    1071    1071    1071

4329        KK     239
4330        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 239
4331        BA    .48
4332        LG    .50     .00    3.56     .47     .00
4333        UI    21.     21.     21.     41.     72.     86.    100.    112.    120.    133.
4334        UI   148.    161.    188.    231.    269.    247.    213.    191.    173.    159.
4335        UI   142.    128.    115.    104.     92.     74.     59.     37.     37.     34.
4336        UI    34.     23.     21.     21.     17.      6.      6.      6.      6.      6.
4337        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
4338        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4339        KK   1I239
4340        KM       ADD HYDROGRAPHS AT CP239
4341        HC      2   18.65

4342        KK   2I239
4343        KM       ADD HYDROGRAPHS AT CP239
4344        HC      2   19.59
```



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


4345        KK   CP239
4346        KM       ADD HYDROGRAPHS AT CP239
4347        HC      2   31.76

4348        KK    D239
4349        KM       DIVERT FROM CP239 TO CP251
4350        DT   2D251
4351        DI      0     283     389     786    3215
4352        DQ      0       0      69     333    2481

4353        KK    R239
4354        KM       ROUTE REMAINDER FROM CP239 TO CP240
4355        RS      5              -1
```

```
4356        RC     .05     .02     .02    2640   .0007
4357        RX    1000    1510    1755    1765    1775    1785    1809    1810
4358        RY    1058    1056    1054    1052    1052    1054    1055    1055

4359        KK     240
4360        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 240
4361        BA     .40
4362        LG     .50     .00    3.59     .48     .00
4363        UI     19.     19.     19.     53.     71.     89.     99.    110.    121.    136.
4364        UI    151.    180.    225.    249.    209.    182.    163.    149.    131.    117.
4365        UI    104.     92.     79.     59.     41.     34.     32.     32.     21.     19.
4366        UI     19.     11.      6.      6.      6.      6.      6.      6.      6.      6.
4367        UI      6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4368        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4369        KK   CP240
4370        KM        ADD HYDROGRAPHS AT CP240
4371        HC       2   32.16

4372        KK    R240
4373        KM        ROUTE FLOW FROM CP240 TO CP241
4374        RS       5              -1
4375        RC    .025     .02     .02    3600   .0011
4376        RX    1000    1280    1620    1745    1770    1798    1799    1800
4377        RY    1056    1054    1052    1050    1050    1051    1051    1051

4378        KK     213
4379        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 213
4380        BA     .35
4381        LG     .35     .35    3.50     .28     .00
4382        UI     31.     51.    124.    164.    197.    244.    345.    374.    285.    235.
4383        UI    189.    151.    103.     56.     52.     32.     26.     10.     10.     10.
4384        UI     10.     10.      0.      0.      0.      0.      0.      0.      0.      0.
4385        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4386        KK    R213
4387        KM        ROUTE FLOW FROM CP213 TO CP212
4388        RS       8              -1
4389        RC    .025    .022    .025    4060   .0002
4390        RX    1000    1001    1140    1220    1290    1478    1479    1480
4391        RY  1077.7  1077.7    1076    1074    1074    1076  1077.7  1077.7
```



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


4392        KK     212
4393        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 212
4394        BA     .54
4395        LG     .50     .00    3.59     .49     .00
4396        UI     18.     18.     18.     18.     34.     59.     69.     80.     87.     95.
4397        UI    102.    109.    116.    127.    137.    148.    171.    205.    226.    232.
4398        UI    203.    183.    167.    155.    146.    135.    124.    114.    106.     97.
4399        UI     89.     84.     70.     57.     49.     32.     32.     31.     30.     30.
4400        UI     22.     18.     18.     18.     17.      6.      6.      6.      6.      6.
4401        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
4402        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4403        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4404        KK    D193
4405        KM        RETURN DIVERTED HYDROGRAPH FROM WTPHS1 HEC-1 MODEL
4406        DR   DI212
```

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4407        KK    R193
4408        KM        ROUTE FLOW FROM CP193 TO CP212
4409        RS       5              -1       0
4410        RC    .022    .022     .06    8500   .0038
4411        RX    1000    1001    1002    1035    1070    1085    1140    2450
4412        RY  1095.5    1095    1095    1094    1094    1095    1094    1100

4413        KK   1I212
4414        KM        ADD HYDROGRAPHS AT CP212
4415        HC       2   36.88

4416        KK   SR212
4417        KM        STORAGE ROUTE THROUGH CP212
4418        RS       1    STOR       0       0
4419        SV       0    2.48   13.74   26.18   63.33
4420        SQ       0       0       0     483    6314
4421        SE  1077.1    1078  1079.4    1080    1081

4422        KK   CP212
4423        KM        ADD HYDROGRAPHS AT CP212
4424        HC       2   37.23

4425        KK    R212
4426        KM        ROUTE FLOW FROM CP212 TO CP221A
4427        RS      11              -1
4428        RC    .025    .022    .025    5000   .0002
4429        RX    1000    1001    1070    1090    1220    1287    1289    1290
4430        RY    1077    1077    1076    1074    1074    1079    1079    1079

4431        KK     211
4432        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 211
4433        BA     .49
4434        LG     .50     .00    3.69     .52     .00
4435        UI     21.     21.     21.     40.     72.     86.    100.    112.    121.    132.
4436        UI    147.    162.    183.    231.    264.    258.    220.    196.    178.    165.
4437        UI    147.    132.    120.    107.     98.     81.     60.     43.     37.     35.
4438        UI     35.     28.     21.     21.     21.      8.      6.      6.      6.      6.
1                                          HEC-1 INPUT                                          PAGE102

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

4439        UI      6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
4440        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4441        KK    R211
4442        KM        ROUTE FLOW FROM CP211 TO CP221A
4443        RS       9              -1
4444        RC    .035    .035    .075    5400   .0009
4445        RX    1000    1001    1002    1020    1100    1620    2119    2120
4446        RY    1081    1081    1081    1080    1080    1082    1084    1084

4447        KK    221A
4448        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 221A
4449        BA     .31
4450        LG     .50     .00    3.66     .53     .00
4451        UI     12.     12.     12.     12.     36.     43.     50.     57.     63.     67.
4452        UI     72.     79.     87.     94.    109.    132.    151.    145.    126.    113.
4453        UI    103.     96.     88.     80.     73.     67.     60.     56.     48.     38.
4454        UI     32.     21.     21.     20.     19.     17.     12.     12.     12.      9.
4455        UI      4.      4.      4.      4.      4.      4.      4.      4.      4.      4.
4456        UI      4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
```

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4457        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4458        KK  1I221A
4459        KM        ADD HYDROGRAPHS AT CP221A
4460        HC       2     .80

4461        KK  SR221A
4462        KM        STORAGE ROUTE THROUGH CP221A
4463        RS       1    STOR       0       0
4464        SV       0    1.31    8.04   28.16      40
4465        SQ       0       0       0    2250    5262
4466        SE    1077    1078  1078.9    1080  1080.5

4467        KK  CP221A
4468        KM        ADD HYDROGRAPHS AT CP221A
4469        HC       2   38.03

4470        KK   R221A
4471        KM        ROUTE FLOW FROM CP221A TO CP222
4472        RS       6              -1
4473        RC    .025    .022    .022    7800   .0024
4474        RX    1000    1001    1070    1090    1220    1287    1289    1290
4475        RY    1077    1077    1076    1074    1074    1079    1079    1079

4476        KK     222
4477        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 222
4478        BA    1.10
4479        LG     .31     .35    3.59     .29   15.00
4480        UI     34.     34.     34.     34.     34.    112.    121.    135.    158.    168.
4481        UI    184.    194.    205.    219.    237.    257.    272.    305.    354.    407.
4482        UI    455.    414.    370.    337.    311.    291.    274.    257.    236.    218.
4483        UI    204.    189.    173.    163.    148.    130.     98.     87.     60.     60.
4484        UI     58.     56.     56.     47.     34.     34.     34.     34.     24.     10.
4485        UI     10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
4486        UI     10.     10.     10.     10.      0.      0.      0.      0.      0.      0.
```



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

4487        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4488        KK   CP222
4489        KM        ADD HYDROGRAPHS AT CP222
4490        HC       2   39.13

4491        KK    R222
4492        KM        ROUTE FLOW FROM CP222 TO CP241
4493        RS       8              -1
4494        RC     .03    .025     .03    5770   .0022
4495        RX    1000    1100    1320    1540    2350    2470    2630    2710
4496        RY    1057    1056    1054    1052    1052    1054    1056    1057

4497        KK    D202
4498        KM        RETURN DIVERTED HYDROGRAPH FROM CP202
4499        DR   2D226

4500        KK    R202
4501        KM        ROUTE FLOW FROM CP202 TO CP226
4502        RS      19              -1       0
4503        RC     .05     .05     .05    5620   .0014
4504        RX    1000    1001    1002    1600    2090    2098    2099    2100
4505        RY    1080    1080    1080    1078    1078    1080    1080    1080
```

```
4506        KK     226
4507        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 226
4508        BA    1.18
4509        LG     .15      .26     3.53      .34    17.00
4510        UI    134.     343.     641.     827.   1094.   1619.   1306.   1008.    765.    549.
4511        UI    283.     214.     134.      68.     41.     41.     41.      0.      0.      0.
4512        UI      0.       0.       0.       0.      0.      0.      0.      0.      0.      0.

4513        KK   1I226
4514        KM        ADD HYDROGRAPHS AT CP226
4515        HC       2   53.41

4516        KK    D196
4517        KM        RETURN DIVERTED FLOW AT CP196
4518        DR   1D226

4519        KK   CP226
4520        KM        ADD HYDROGRAPHS AT CP226
4521        HC       2   53.41

4522        KK   SR226
4523        KM        STORAGE ROUTE THROUGH CP226
4524        RS       1    STOR       0       0
4525        SV       0    0.24    3.34   18.04   51.44  102.84  171.74
4526        SQ       0       0      21     136     428     875    1487
4527        SE  1075.2  1075.5    1076  1076.5    1077  1077.5    1078
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

4528        KK    R226
4529        KM        ROUTE FLOW FROM CP226 TO CP223
4530        RS      26              -1       0
4531        RC     .05      .05     .05     7840   .0011
4532        RX    1000     1200    1300     1500    1600    1800    1900    2000
4533        RY    1100   1074.5    1074     1073    1073    1074  1074.5    1100

4534        KK    D195
4535        KM        RETURN DIVERTED FLOW AT CP195
4536        DR   1D201

4537        KK    R195
4538        KM        ROUTE DIVERTED FLOW FROM CP195 TO CP201
4539        RS       1              -1
4540        RC    .035     .035    .035     1000   .0019
4541        RX       0      100     200      800    1000    1700    2000    2400
4542        RY    1089   1088.5    1088   1086.5  1086.5    1088    1089    1090

4543        KK     201
4544        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 201
4545        BA     .34
4546        LG     .35      .35    3.56      .29     .00
4547        UI     38.      96.    180.     233.    304.    457.    381.    294.    225.    166.
4548        UI     86.      64.     40.      24.     12.     12.     12.      0.      0.      0.
4549        UI      0.       0.      0.       0.      0.      0.      0.      0.      0.      0.

4550        KK   CP201
4551        KM        ADD HYDROGRAPHS AT CP201
4552        HC       2   43.48
```

```
4553        KK    R201
4554        KM        ROUTE FLOW FROM CP201 TO CP223
4555        RS      19              -1       0
4556        RC     .05     .035    .050    7000    .0017
4557        RX    1000     1200    1300    1500     1600    1800    1900    2000
4558        RY    1078   1074.5    1074    1073     1073    1074  1074.5    1078

4559        KK     223
4560        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 223
4561        BA    1.26
4562        LG     .12      .33    5.09     .20    72.00
4563        UI    119.     218.    491.    643.     786.   1003.   1453.   1254.    993.    797.
4564        UI    634.     465.    257.    200.     140.    112.     37.     37.     37.     37.
4565        UI     37.      0.      0.      0.       0.      0.      0.      0.      0.      0.
4566        UI      0.      0.      0.      0.       0.      0.      0.      0.      0.      0.

4567        KK   1I223
4568        KM        ADD HYDROGRAPHS AT CP223
4569        HC       2   44.74
```



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


4570        KK   CP223
4571        KM        ADD HYDROGRAPHS AT CP223
4572        HC       2   54.67

4573        KK    D223
4574        KM        DIVERT FROM CP223 TO CP225
4575        DT   DI225
4576        DI       0      60     400    1000    4000    8000
4577        DQ       0      60      60      60      60      60

4578        KK    R223
4579        KM        ROUTE REMAINDER FROM CP223 TO CP224
4580        RS       4              -1
4581        RC     .03     .025     .03    2900    .0017
4582        RX    1000     1120    1350    1590    1780    1960    2129    2130
4583        RY    1067     1066    1064    1063    1063    1064  1065.5  1065.5

4584        KK     224
4585        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 224
4586        BA     .80
4587        LG     .35      .32    4.03     .25     .00
4588        UI     94.     258.    469.    606.    833.   1145.    854.    655.    492.    310.
4589        UI    163.     121.     79.     29.     29.     29.     29.      0.      0.      0.
4590        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4591        KK   CP224
4592        KM        ADD HYDROGRAPHS AT CP224
4593        HC       2   55.47

4594        KK    R224
4595        KM        ROUTE FLOW FROM CP224 TO CP241
4596        RS       7              -1
4597        RC     .03     .025     .03    5460    .0027
4598        RX    1000     1100    1320    1540    2350    2470    2630    2710
4599        RY    1057     1056    1054    1052    1052    1054    1056    1057

4600        KK     241
4601        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 241
```

```
4602        BA    1.51
4603        LG     .38     .28    4.04     .40     .00
4604        UI    133.    206.    513.    682.    817.   1005.   1376.   1635.   1253.   1036.
4605        UI    834.    673.    488.    276.    223.    162.    133.     50.     41.     41.
4606        UI     41.     41.      0.      0.      0.      0.      0.      0.      0.      0.
4607        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4608        KK   1I241
4609        KM        ADD HYDROGRAPHS AT CP241
4610        HC       2   56.98
```



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


4611        KK   2I241
4612        KM        ADD HYDROGRAPHS AT CP241
4613        HC       2   59.77

4614        KK   CP241
4615        KM        ADD HYDROGRAPHS AT CP241
4616        HC       2   78.75

4617        KK   SR241
4618        KM        STORAGE ROUTE THROUGH CP241
4619        RS       1    STOR       0       0
4620        SV       0     .09     .65     .94    8.45   16.94
4621        SQ       0       4     280     324    1773    7505
4622        SE  1042.2    1044    1046  1046.3    1048    1049

4623        KK    R241
4624        KM        ROUTE FLOW FROM CP241 TO CP253
4625        RS       4              -1
4626        RC    .075     .03    .075    5700   .0039
4627        RX    1000    1001    1440    1565    1585    1700    2324    2325
4628        RY    1030    1030    1028    1026    1026    1028    1030    1030

4629        KK     253
4630        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 253
4631        BA    1.00
4632        LG     .50     .00    3.82     .43     .00
4633        UI     42.     42.     42.     67.    140.    164.    195.    214.    235.    253.
4634        UI    280.    310.    339.    406.    491.    545.    470.    413.    371.    341.
4635        UI    314.    280.    255.    230.    207.    188.    153.    119.     80.     73.
4636        UI     70.     68.     56.     42.     42.     42.     20.     13.     13.     13.
4637        UI     13.     13.     13.     13.     13.     13.     13.     13.      0.      0.
4638        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4639        KK   1I253
4640        KM        ADD HYDROGRAPHS AT CP253
4641        HC       2   79.75

4642        KK    253A
4643        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 253A
4644        BA     .25
4645        LG     .32     .33    4.04     .37     .00
4646        UI     29.     75.    139.    179.    239.    349.    274.    211.    160.    111.
4647        UI     57.     43.     29.     12.      9.      9.      9.      0.      0.      0.
4648        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4649        KK   R253A
4650        KM        ROUTE FLOW FROM CP253A TO CP253
```

```
4651        RS      10              -1
4652        RC    .075    .075    .075    2800   .0030
4653        RX    1000    1001    1010    1110    1320    1480    1709    1710
4654        RY    1027    1027    1026    1025    1025    1026    1027    1027
                                          HEC-1 INPUT                                                    PAGE107

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


4655        KK   2I253
4656        KM        ADD HYDROGRAPHS AT CP253
4657        HC       2    80.0

4658        KK     247
4659        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 247
4660        BA     .50
4661        LG     .50     .00    4.21     .40     .00
4662        UI     21.     21.     21.     38.     72.     85.    100.    111.    121.    131.
4663        UI    145.    161.    180.    219.    261.    269.    229.    203.    183.    169.
4664        UI    153.    137.    125.    111.    101.     88.     68.     52.     37.     37.
4665        UI     35.     34.     21.     21.     21.     15.      6.      6.      6.      6.
4666        UI      6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
4667        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4668        KK    D247
4669        KM        DIVERT FROM CP247 TO CP261
4670        DT   DI261
4671        DI       0    3183    4006    8756   30610
4672        DQ       0       0       0     293    4086

4673        KK    R247
4674        KM        ROUTE REMAINDER FROM CP247 TO CP248
4675        RS       6              -1
4676        RC    .075     .03     .03    5280   .0049
4677        RX    1000    1370    1800    1950    2080    2108    2109    2110
4678        RY    1100    1098    1096    1094    1094    1095    1095    1095

4679        KK     248
4680        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 248
4681        BA    1.00
4682        LG     .50     .00    4.22     .40     .00
4683        UI     37.     37.     37.     37.    108.    134.    156.    177.    194.    210.
4684        UI    225.    245.    269.    290.    328.    399.    454.    482.    417.    371.
4685        UI    338.    312.    291.    264.    241.    221.    201.    184.    169.    142.
4686        UI    107.     84.     66.     65.     61.     61.     45.     37.     37.     37.
4687        UI     24.     11.     11.     11.     11.     11.     11.     11.     11.     11.
4688        UI     11.     11.     11.     11.      0.      0.      0.      0.      0.      0.
4689        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4690        KK    D234
4691        KM        RETURN DIVERT AT CP234
4692        DR   1D248

4693        KK    R234
4694        KM        ROUTE FLOW FROM CP234 TO CP248
4695        RS       5              -1
4696        RC     .02     .02     .04    6550   .0050
4697        RX    1000    1001    1002    1040    1090    1100    1130    2000
4698        RY    1101    1101    1101    1100    1100    1101    1100    1102
1                                         HEC-1 INPUT                                                    PAGE108

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

```
4699        KK   1I248
4700        KM        ADD HYDROGRAPHS AT CP248
4701        HC       2   15.08

4702        KK   2I248
4703        KM        ADD HYDROGRAPHS AT CP248
4704        HC       2   15.58

4705        KK    D235
4706        KM        RETURN DIVERT AT CP235
4707        DR   2D248

4708        KK    R235
4709        KM        ROUTE FLOW FROM CP235 TO CP248
4710        RS       4              -1
4711        RC     .02      .02     .04    5280   .0051
4712        RX    1000     1001    1002    1040    1090    1100    1130    2000
4713        RY    1101     1101    1101    1100    1100    1101    1100    1102

4714        KK   CP248
4715        KM        ADD HYDROGRAPHS AT CP248
4716        HC       2   17.54

4717        KK    D248
4718        KM        DIVERT FROM CP248 TO CP262
4719        DT   DI262
4720        DI       0      691    6380   18685
4721        DQ       0      683    5565   15348

4722        KK    R248
4723        KM        ROUTE REMAINDER FROM CP248 TO CP249
4724        RS      10              -1
4725        RC    .075     .035    .035    5280   .0036
4726        RX    1000     1290    1690    1970    2000    2028    2029    2030
4727        RY    1085     1084    1082    1080    1080    1081    1081    1081

4728        KK     249
4729        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 249
4730        BA    1.00
4731        LG     .50      .00    3.98     .48     .00
4732        UI     37.      37.     37.     37.    112.    136.    159.    179.    197.    213.
4733        UI    228.     249.    274.    294.    338.    415.    461.    478.    412.    368.
4734        UI    335.     310.    290.    261.    238.    220.    198.    181.    163.    135.
4735        UI    108.      75.     66.     64.     62.     62.     39.     37.     37.     37.
4736        UI     17.      11.     11.     11.     11.     11.     11.     11.     11.     11.
4737        UI     11.      11.     11.      0.      0.      0.      0.      0.      0.      0.
4738        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

4739        KK   1I249
4740        KM        ADD HYDROGRAPHS AT CP249
4741        HC       2   18.54
```



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

4742        KK    D236
4743        KM        RETURN DIVERT AT CP236
4744        DR   DI249
```

```
4745        KK    R236
4746        KM        ROUTE FLOW FROM CP236 TO CP249
4747        RS      6              -1
4748        RC    .02     .02    .075    5280   .0036
4749        RX   1000    1001    1002    1040    1100    1110    1280    1520
4750        RY   1073    1073    1073    1072    1072    1074    1076    1078

4751        KK   CP249
4752        KM        ADD HYDROGRAPHS AT CP249
4753        HC      2   28.84

4754        KK    D249
4755        KM        DIVERT FROM CP249 TO CP264
4756        DT   DI264
4757        DI      0      72     654    2109    5685
4758        DQ      0       0      66     481    1754

4759        KK    R249
4760        KM        ROUTE REMAINDER FROM CP249 TO CP250
4761        RS      6              -1
4762        RC    .05     .03     .03    5280   .0040
4763        RX   1000    1580    1660    1670    1705    1728    1729    1730
4764        RY   1100    1058    1059    1058    1058    1059    1059    1100

4765        KK    D236
4766        KM        RETURN DIVERT AT CP236
4767        DR   1D250

4768        KK    R236
4769        KM        ROUTE FLOW FROM CP236 TO CP250
4770        RS     39              -1
4771        RC   .075    .075    .075    7540   .0047
4772        RX   1000    1001    1002    1140    2330    2718    2719    2720
4773        RY   1071    1071    1071    1070    1070    1071    1071    1071

4774        KK     250
4775        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 250
4776        BA    .49
4777        LG    .50     .00    3.73     .47     .00
4778        UI    21.     21.     21.     40.     72.     86.    100.    112.    121.    132.
4779        UI   147.    161.    183.    230.    263.    258.    221.    196.    178.    165.
4780        UI   147.    132.    121.    107.     98.     82.     60.     43.     37.     35.
4781        UI    35.     28.     21.     21.     21.      8.      6.      6.      6.      6.
4782        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
4783        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


4784        KK   1I250
4785        KM        ADD HYDROGRAPHS AT CP250
4786        HC      2   26.83

4787        KK    D237
4788        KM        RETURN DIVERT AT CP237
4789        DR   2D250

4790        KK    R237
4791        KM        ROUTE FLOW FROM CP237 TO CP250
4792        RS     10              -1
4793        RC   .035    .035    .075    5280   .0032
```

```
4794        RX    1000    1001    1002    1010    1120    1670    1929    1930
4795        RY  1058.5  1058.5  1058.5    1058    1058    1060    1061    1061

4796        KK   2I250
4797        KM        ADD HYDROGRAPHS AT CP250
4798        HC       2   28.33

4799        KK   CP250
4800        KM        ADD HYDROGRAPHS AT CP250
4801        HC       2   30.83

4802        KK    R250
4803        KM        ROUTE FLOW FROM CP250 TO CP250A
4804        RS       5              -1
4805        RC     .05     .03     .03    3050   .0036
4806        RX    1000    1580    1660    1670    1705    1728    1729    1730
4807        RY    1100    1050    1051    1050    1050    1051    1051    1100

4808        KK    D237
4809        KM        RETURN DIVERT AT CP237
4810        DR  1D250A

4811        KK    R237
4812        KM        ROUTE FLOW FROM CP237 TO CP250A
4813        RS      12              -1
4814        RC     .02    .035    .075    6550   .0040
4815        RX    1000    1030    1050    1070    1220    1580    1839    1840
4816        RY    1051    1050    1051    1050    1050    1052    1054    1054

4817        KK    250A
4818        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 250A
4819        BA     .51
4820        LG     .50     .00    3.59     .47     .00
4821        UI     20.     20.     20.     25.     67.     77.     92.    102.    111.    120.
4822        UI    130.    145.    157.    178.    220.    251.    257.    221.    196.    179.
4823        UI    165.    152.    136.    125.    113.    102.     94.     78.     59.     44.
4824        UI     36.     35.     33.     33.     20.     20.     20.     18.      6.      6.
4825        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
4826        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4827        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


4828        KK  1I250A
4829        KM        ADD HYDROGRAPHS AT CP250A
4830        HC       2  328.35

4831        KK    D238
4832        KM        RETURN DIVERT AT CP238
4833        DR  2D250A

4834        KK    R238
4835        KM        ROUTE FLOW FROM CP238 TO CP250A
4836        RS      20              -1
4837        RC     .02    .035    .075    5280   .0030
4838        RX    1000    1030    1050    1070    1220    1580    1839    1040
4839        RY    1051    1050    1051    1050    1050    1052    1054    1054

4840        KK  2I250A
4841        KM        ADD HYDROGRAPHS AT CP250A
```

```
4842        HC      2   30.85

4843        KK  CP250A
4844        KM       ADD HYDROGRAPHS AT CP250A
4845        HC      2   33.84

4846        KK   D250A
4847        KM       DIVERT FROM CP250A TO CP265A
4848        DT  DI265A
4849        DI      0     825    2520    4782   10712
4850        DQ      0       0      13     174     958

4851        KK   D250A
4852        KM       DIVERT FROM CP250A TO CP266
4853        DT   10266
4854        DI      0     825    2507    4608    9754
4855        DQ      0       0    1091    2426    4520

4856        KK   R250A
4857        KM       ROUTE REMAINDER FROM CP250A TO CP251
4858        RS      3              -1
4859        RC   .075     .03     .03    2550   .0031
4860        RX   1000    1001    1440    1650    1680    1708    1709    1710
4861        RY   1043    1043    1042    1040    1040    1041    1041    1041

4862        KK    D238
4863        KM       RETURN DIVERT AT CP238
4864        DR   1D251

4865        KK    R238
4866        KM       ROUTE FLOW FROM CP238 TO CP251
4867        RS     42              -1
4868        RC   .075    .075    .075    5910   .0041
4869        RX   1000    1001    1002    1120    2210    2488    2489    2490
4870        RY   1047    1047    1047    1046    1046    1047    1047    1047
```



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


4871        KK     251
4872        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 251
4873        BA     .50
4874        LG     .50     .00    3.53     .48     .00
4875        UI     21.     21.     21.     34.     70.     83.     98.    108.    118.    127.
4876        UI    141.    156.    171.    204.    248.    273.    234.    206.    185.    170.
4877        UI    157.    140.    127.    115.    104.     93.     75.     60.     38.     37.
4878        UI     35.     34.     27.     21.     21.     21.      9.      6.      6.      6.
4879        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
4880        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4881        KK   1I251
4882        KM       ADD HYDROGRAPHS AT CP251
4883        HC      2   30.84

4884        KK    D239
4885        KM       RETURN DIVERT AT CP239
4886        DR   2D251

4887        KK    R239
4888        KM       ROUTE FLOW FROM CP239 TO CP251
4889        RS      6              -1
```

```
4890        RC   .035    .035    .075    5280   .0034
4891        RX   1000    1001    1002    1055    1095    1770    1959    1960
4892        RY   1049    1049    1049    1048    1048    1050    1051    1051

4893        KK   2I251
4894        KM       ADD HYDROGRAPHS AT CP251
4895        HC      2   32.26

4896        KK   CP251
4897        KM       ADD HYDROGRAPHS AT CP251
4898        HC      2   35.76

4899        KK    D251
4900        KM       DIVERT FROM CP251 TO CP266
4901        DT   2D266
4902        DI      0      70     825    2936
4903        DQ      0      48     687    2384

4904        KK    R251
4905        KM       ROUTE REMAINDER FROM CP251 TO CP252
4906        RS      6              -1
4907        RC   .075    .035    .035    2640   .0019
4908        RX   1000    1001    1240    1880    1970    1998    1999    2000
4909        RY   1039    1039    1038    1036    1036    1037    1037    1037

4910        KK     252
4911        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 252
4912        BA    .50
4913        LG    .50     .00    4.45     .40     .00
4914        UI    21.     21.     21.     33.     69.     81.     97.    106.    116.    125.
4915        UI   138.    153.    167.    199.    241.    272.    237.    207.    187.    171.
4916        UI   158.    141.    128.    116.    104.     96.     79.     59.     43.     37.
```



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

4917        UI    35.     34.     30.     21.     21.     21.     13.      6.      6.      6.
4918        UI     6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
4919        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4920        KK   CP252
4921        KM       ADD HYDROGRAPHS AT CP252
4922        HC      2   36.26

4923        KK    D252
4924        KM       DIVERT FROM CP252 TO CP267
4925        DT   DI267
4926        DI      0      67    2745    5417   10449
4927        DQ      0      66    2582    5037    8991

4928        KK    R252
4929        KM       ROUTE REMAINDER FROM CP252 TO CP253
4930        RS     11              -1
4931        RC   .075    0.35    .035    2900   .0028
4932        RX   1000    1001    1002    1910    1930    1958    1959    1960
4933        RY   1032    1032    1030    1028    1028    1029    1029    1029

4934        KK   CP253
4935        KM       ADD HYDROGRAPHS AT CP253
4936        HC      2   84.50

4937        KK   SR253
```

```
4938        KM        STORAGE ROUTE THROUGH CP253
4939        RS      1    STOR       0       0
4940        SV      0    .045    3.58   16.31   29.98   43.46   60.96
4941        SQ      0       2     190     380    1145    3731    6823
4942        SE 1021.1    1022    1024  1025.3    1026  1026.5  1027.0

4943        KK    R253
4944        KM        ROUTE FLOW FROM CP253 TO CP268
4945        RS      7              -1
4946        RC   .075     .03    .075    5280   .0023
4947        RX   1000    1001    1002    1400    1520    2630    2629    2628
4948        RY   1100    1022    1022    1020    1020    1022    1022    1100

4949        KK     268
4950        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 268
4951        BA     .95
4952        LG     .50     .00    5.00     .38     .00
4953        UI     36.     36.     36.     36.    116.    134.    158.    176.    196.    209.
4954        UI    226.    247.    273.    295.    346.    413.    479.    436.    381.    343.
4955        UI    314.    291.    269.    240.    222.    201.    182.    169.    141.    109.
4956        UI     86.     64.     64.     60.     60.     43.     36.     36.     36.     20.
4957        UI     11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
4958        UI     11.     11.      0.      0.      0.      0.      0.      0.      0.      0.
4959        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


4960        KK   1I268
4961        KM        ADD HYDROGRAPHS AT CP268
4962        HC      2   85.45

4963        KK   D250A
4964        KM        RETURN DIVERT AT CP250A
4965        DR   1D266

4966        KK   R250A
4967        KM        ROUTE FLOW FROM CP250A TO CP266
4968        RS     15              -1
4969        RC    .03     .03    .075    6230   .0034
4970        RX   1000    1001    1002    1060    1110    1838    1839    1840
4971        RY   1031    1031    1031    1030    1030    1032    1032    1032

4972        KK     266
4973        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 266
4974        BA     .33
4975        LG     .50     .00    3.50     .47     .00
4976        UI     12.     12.     12.     12.     28.     40.     46.     54.     59.     64.
4977        UI     68.     73.     79.     87.     94.    108.    131.    145.    150.    130.
4978        UI    116.    106.     98.     92.     85.     77.     71.     65.     59.     55.
4979        UI     48.     39.     34.     21.     21.     20.     19.     19.     13.     12.
4980        UI     12.     12.      8.      4.      4.      4.      4.      4.      4.      4.
4981        UI      4.      4.      4.      4.      4.      4.      0.      0.      0.      0.
4982        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4983        KK   1I266
4984        KM        ADD HYDROGRAPHS AT CP266
4985        HC      2   34.17

4986        KK    D251
4987        KM        RETURN DIVERT AT CP251
```

```
4988        DR   2D266

4989        KK    R251
4990        KM        ROUTE FLOW FROM CP251 TO CP266
4991        RS      6              -1
4992        RC    .03     .03    .075    5280   .0025
4993        RX   1000    1001    1002    1060    1110    1838    1839    1840
4994        RY   1100    1031    1031    1030    1030    1032    1032    1032

4995        KK   CP266
4996        KM        ADD HYDROGRAPHS AT CP266
4997        HC      2   36.09

4998        KK    D266
4999        KM        DIVERT FROM CP266 TO CP283
5000        DT   DI283
5001        DI      0     231     647    1811    5693
5002        DQ      0      38      73     203    1051
```



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


5003        KK    R266
5004        KM        ROUTE REMAINDER FROM CP266 TO CP267
5005        RS      4              -1
5006        RC   .075    .035    .035    2500   .0036
5007        RX   1000    1001    1002    1680    1890    1908    1909    1910
5008        RY   1100    1021    1021    1020    1020    1021    1021    1100

5009        KK    D252
5010        KM        RETURN DIVERT AT CP252
5011        DR   DI267

5012        KK    R252
5013        KM        ROUTE FLOW FROM CP252 TO CP267
5014        RS      8              -1
5015        RC    .02     .03    .075    5280   .0032
5016        RX   1000    1020    1050    1065    1085    1590    1919    1920
5017        RY   1027    1026    1027    1026    1026    1028    1029    1029

5018        KK     267
5019        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 267
5020        BA    .50
5021        LG    .50     .00    5.36     .36     .00
5022        UI    21.     21.     21.     33.     69.     81.     97.    106.    116.    125.
5023        UI   138.    153.    167.    199.    241.    272.    237.    207.    187.    171.
5024        UI   158.    141.    128.    116.    104.     96.     79.     59.     43.     37.
5025        UI    35.     34.     30.     21.     21.     21.     13.      6.      6.      6.
5026        UI     6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
5027        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5028        KK   1I267
5029        KM        ADD HYDROGRAPHS AT CP267
5030        HC      2   36.76

5031        KK   CP267
5032        KM        ADD HYDROGRAPHS AT CP267
5033        HC      2   37.09

5034        KK    D267
5035        KM        DIVERT FROM CP267 TO CP284
```

```
5036        DT   DI284
5037        DI      0     5.4     506    3382
5038        DQ      0     5.4     412    1981

5039        KK    R267
5040        KM        ROUTE REMAINDER FROM CP267 TO CP268
5041        RS      5              -1
5042        RC   .075    .035    .035    2350   .0013
5043        RX   1000    1001    1220    1600    1890    1928    1929    1930
5044        RY   1017    1017    1016    1014    1014    1015    1015    1015
1                                        HEC-1 INPUT                                                    PAGE116

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


5045        KK   CP268
5046        KM        ADD HYDROGRAPHS AT CP268
5047        HC      2   86.28

5048        KK   SR268
5049        KM        STORAGE ROUTE THROUGH CP268
5050        RS      1    STOR       0       0
5051        SV      0    7.04   46.85   92.08  124.01
5052        SQ      0       0     288    3172    8930
5053        SE  1008.3  1009.3    1011    1012  1012.5

5054        KK    R268
5055        KM        ROUTE FLOW FROM CP268 TO CP286
5056        RS     11              -1
5057        RC   .075     .05    .075    6700   .0031
5058        RX   1000    1001    1260    1650    2410    2870    2059    2060
5059        RY   1003    1003    1002    1000    1000    1002    1004    1004

5060        KK     286
5061        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 286
5062        BA    .70
5063        LG    .50     .00    5.06     .37     .00
5064        UI    30.     30.     30.     53.    101.    120.    141.    156.    170.    185.
5065        UI   205.    226.    253.    312.    367.    375.    320.    283.    256.    236.
5066        UI   214.    191.    175.    155.    141.    121.     93.     71.     53.     51.
5067        UI    49.     46.     30.     30.     30.     19.      9.      9.      9.      9.
5068        UI     9.      9.      9.      9.      9.      9.      9.      0.      0.      0.
5069        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5070        KK   1I286
5071        KM        ADD HYDROGRAPHS AT CP286
5072        HC      2   86.98

5073        KK     288
5074        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 288
5075        BA    .22
5076        LG    .50     .00    7.50     .19     .00
5077        UI     8.      8.      8.      8.     27.     31.     37.     41.     46.     49.
5078        UI    53.     58.     64.     69.     82.     98.    112.    100.     88.     79.
5079        UI    72.     67.     62.     56.     51.     46.     42.     39.     32.     24.
5080        UI    18.     15.     15.     14.     14.      9.      8.      8.      8.      3.
5081        UI     3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
5082        UI     3.      3.      0.      0.      0.      0.      0.      0.      0.      0.
5083        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5084        KK    R288
5085        KM        ROUTE FLOW FROM CP288 TO CP286
```

```
5086        RS      3             -1
5087        RC   .035    .035    .075    1500   .0033
5088        RX   1000    1001    1002    1040    1055    1280    1849    1850
5089        RY    997     997     997     996     996     998    1000    1000
```



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

5090        KK   CP286
5091        KM        ADD HYDROGRAPHS AT CP286
5092        HC      2    87.2

5093        KK    R286
5094        KM        ROUTE FLOW FROM CP286 TO CP287
5095        RS      2             -1
5096        RC   .075    .075    .075    1100   .0027
5097        RX   1000    1001    1210    1510    1950    2360    2529    2530
5098        RY   1000     993     992     990     990     992     993    1000

5099        KK     287
5100        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287
5101        BA    .23
5102        LG    .50     .00    3.77     .38     .00
5103        UI    15.     15.     39.     63.     77.     89.    103.    121.    158.    194.
5104        UI   165.    138.    120.    102.     87.     74.     56.     36.     27.     25.
5105        UI    18.     15.     11.      5.      5.      5.      5.      5.      5.      5.
5106        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5107        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5108        KK   1I287
5109        KM        ADD HYDROGRAPHS AT CP287
5110        HC      2   87.43

5111        KK    D266
5112        KM        RETURN DIVERT AT CP266
5113        DR   DI283

5114        KK    R266
5115        KM        ROUTE FLOW FROM CP266 TO CP283
5116        RS     12             -1
5117        RC    .03     .03    .075    5900   .0017
5118        RX   1000    1001    1002    1030    1050    1240    1479    1480
5119        RY   1021    1021    1021    1020    1020    1022    1023    1023

5120        KK     283
5121        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 283
5122        BA    .16
5123        LG    .50     .00    3.52     .47     .00
5124        UI     7.      7.      7.     12.     23.     28.     32.     36.     39.     42.
5125        UI    47.     52.     58.     72.     84.     85.     73.     65.     58.     54.
5126        UI    49.     44.     40.     35.     32.     28.     21.     16.     12.     12.
5127        UI    11.     10.      7.      7.      7.      4.      2.      2.      2.      2.
5128        UI     2.      2.      2.      2.      2.      2.      2.      0.      0.      0.
5129        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5130        KK   CP283
5131        KM        ADD HYDROGRAPHS AT CP283
5132        HC      2   36.25
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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5133        KK    R283
5134        KM        ROUTE FLOW FROM CP283 TO CP285B
5135        RS      5              -1
5136        RC   .075    .075    .075    1100   .0045
5137        RX   1000    1001    1002    1070    1700    1748    1849    1850
5138        RY   1001    1001    1001    1000    1000    1001    1001    1001

5139        KK    285B
5140        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 285B
5141        BA    .06
5142        LG    .50     .00    3.50     .47     .00
5143        UI     7.     20.     36.     47.     65.     86.     63.     48.     36.     21.
5144        UI    12.      9.      5.      2.      2.      2.      0.      0.      0.      0.
5145        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5146        KK  CP285B
5147        KM        ADD HYDROGRAPHS AT CP285B
5148        HC      2   36.31

5149        KK  SR285B
5150        KM        STORAGE ROUTE THROUGH CP285B
5151        RS      1    STOR       0       0
5152        SV      0      .7    5.68    7.84    10.0
5153        SQ      0      16     227     435    1468
5154        SE  1005.5  1006.9  1009.5  1010.0  1011.0

5155        KK   D285B
5156        KM        DIVERT FROM CP285B TO CP297
5157        DT   DI297
5158        DI      0      16     227     435
5159        DQ      0      16     227     274

5160        KK   R285B
5161        KM        ROUTE REMAINDER FROM CP285B TO CP285A
5162        RS      7              -1
5163        RC   .075    .035    .035    1072   .0009
5164        RX   1000    1001    1002    1280    1550    1598    1599    1600
5165        RY   1011    1011    1011    1010    1010    1015    1015    1015

5166        KK    D267
5167        KM        RETURN DIVERT AT CP267
5168        DR   DI284

5169        KK    R267
5170        KM        ROUTE FLOW FROM CP267 TO CP284
5171        RS      9              -1
5172        RC   .025    .025     .05    6080   .0008
5173        RX   1000    1001    1002    1040    1060    1190    1740    1940
5174        RY   1013    1013    1013    1012    1012    1014    1016    1017
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

5175        KK     284
5176        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 284
5177        BA    .52
5178        LG    .50     .00    3.56     .46     .00
5179        UI    21.     21.     21.     33.     71.     84.    100.    110.    120.    130.
5180        UI   143.    158.    173.    204.    247.    282.    248.    216.    195.    178.
```

```
5181        UI    165.    148.    133.    122.    108.    100.     84.     63.     47.     38.
5182        UI     37.     35.     33.     21.     21.     21.     15.      7.      7.      7.
5183        UI      7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
5184        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5185        KK   CP284
5186        KM        ADD HYDROGRAPHS AT CP284
5187        HC       2   37.61

5188        KK   SR284
5189        KM        STORAGE ROUTE THROUGH CP284
5190        RS       1    STOR       0       0
5191        SV       0     .18   25.77  34.058   60.22   83.97
5192        SQ       0       0       0       0     457    2222
5193        SE  1007.6    1008    1010  1010.3    1011  1011.5

5194        KK    R284
5195        KM        ROUTE FLOW FROM CP284 TO CP285A
5196        RS       2              -1
5197        RC    .075    .075    .075    1050   .0076
5198        RX    1000    1001    1002    1020    1440    1448    1449    1450
5199        RY    1050    1009    1009    1008    1008    1009    1009    1050

5200        KK    285A
5201        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 285A
5202        BA     .06
5203        LG     .50     .00    3.50     .47     .00
5204        UI      7.     18.     33.     43.     57.     84.     66.     51.     38.     27.
5205        UI     14.     10.      7.      3.      2.      2.      2.      0.      0.      0.
5206        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5207        KK  1I285A
5208        KM        ADD HYDROGRAPHS AT CP285A
5209        HC       2   37.67

5210        KK  CP285A
5211        KM        ADD HYDROGRAPHS AT CP285A
5212        HC       2   37.89

5213        KK  SR285A
5214        KM        STORAGE ROUTE THROUGH CP285A
5215        RS       1    STOR       0       0
5216        SV       0     .13    4.35    4.40    5.19    6.89   15.46
5217        SQ       0      35     193   196.5   246.5   925.5    3914
5218        SE   999.7  1000.7 1005.47  1005.5  1006.0  1006.5  1007.5
```



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


5219        KK   D285A
5220        KM        DIVERT FROM CP285A TO CP297A
5221        DT  1D297A
5222        DI       0      35     193     196     246     925
5223        DQ       0      35     193     196     218     237

5224        KK   R285A
5225        KM        ROUTE REMAINDER FROM CP285A TO CP285
5226        RS       2              -1
5227        RC     .07     .02    .025    1745   .0029
5228        RX    1000    1001    1530    1540    1550    1560    1570    1610
5229        RY    1010     999     998     996     996     998    1000    1010
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5230        KK     285
5231        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 285
5232        BA     .04
5233        LG     .50     .00    3.50     .47     .00
5234        UI      5.     14.     25.     32.     46.     58.     42.     32.     23.     12.
5235        UI      8.      5.      3.      1.      1.      1.      0.      0.      0.      0.
5236        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5237        KK   CP285
5238        KM        ADD HYDROGRAPHS AT CP285
5239        HC       2   37.93

5240        KK   SR285
5241        KM        STORAGE ROUTE THROUGH CP285
5242        RS       1    STOR       0       0
5243        SV       0     .17    1.61    4.19
5244        SQ       0      82     694    1687
5245        SE  1002.8    1003  1003.5    1004

5246        KK    D285
5247        KM        DIVERT FROM CP285 TO CP297A
5248        DT  2D297A
5249        DI       0      82     694    1687
5250        DQ       0      23     188     462

5251        KK    R285
5252        KM        ROUTE REMAINDER  FROM CP285 TO CP287
5253        RS       2              -1       0
5254        RC    .075     .02    .025    2460   .0061
5255        RX    1000    1001    1530    1540    1550    1560    1570    1610
5256        RY     999     999     998     996     996     998    1000    1010

5257        KK   CP287
5258        KM        ADD HYDROGRAPHS AT CP287
5259        HC       2   88.27
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


5260        KK   SR287
5261        KM        STORAGE ROUTE THROUGH CP287
5262        RS       1    STOR       0       0
5263        SV       0   14.18   61.23  266.05  356.54  502.54
5264        SQ       0     373    2288    4167    5000    6570
5265        SE     988     990     992     994   994.5  995.23

5266        KK    R287
5267        KM        ROUTE FLOW FROM CP287 TO CP298
5268        RS       5              -1       0
5269        RC     .05     .03     .05    4370   .0023
5270        RX    1000    1200    1380    1500    1890    2090    2330    2560
5271        RY     990     988     986     984     984     986     988     990

5272        KK     298
5273        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 298
5274        BA     .84
5275        LG     .50     .00    3.53     .46     .00
5276        UI     40.     40.     40.    105.    146.    181.    203.    225.    247.    277.
5277        UI    306.    360.    445.    521.    449.    388.    347.    316.    282.    250.
5278        UI    224.    199.    175.    137.    102.     70.     68.     65.     54.     40.
```

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5279        UI    40.     36.     12.     12.     12.     12.     12.     12.     12.     12.
5280        UI    12.     12.      0.      0.      0.      0.      0.      0.      0.      0.
5281        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5282        KK   CP298
5283        KM        ADD HYDROGRAPHS AT CP298
5284        HC       2   89.11

5285        KK   SR298
5286        KM        STORAGE ROUTE THROUGH CP298
5287        RS       1    STOR       0       0
5288        SV       0     .08    7.03    9.28   32.19   53.97
5289        SQ       0       0       0       0    2881    8075
5290        SE   975.5     976     978   978.3     980     981

5291        KK    R298
5292        KM        ROUTE FLOW FROM CP298 TO CP316
5293        RS       6              -1       0
5294        RC     .05     .03     .05    5280    .003
5295        RX    1000    1100    1210    1410    1830    2030    2140    2310
5296        RY     980     978     976     974     974     976     978     980

5297        KK     316
5298        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 316
5299        BA     .82
5300        LG     .50     .00    3.57     .42     .00
5301        UI     33.     33.     33.     43.    108.    125.    151.    165.    181.    195.
5302        UI    212.    236.    255.    293.    363.    410.    409.    352.    314.    286.
5303        UI    264.    243.    217.    198.    180.    163.    147.    121.     94.     65.
5304        UI     58.     55.     54.     48.     33.     33.     33.     24.     10.     10.
5305        UI     10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
5306        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5307        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


5308        KK   CP316
5309        KM        ADD HYDROGRAPHS AT CP316
5310        HC       2   89.93

5311        KK    R316
5312        KM        ROUTE FLOW FROM CP316 TO CP334
5313        RS       4              -1       0
5314        RC     .06     .03     .06    3280    .003
5315        RX    1000    1360    1570    1590    1780    2070    2280    2400
5316        RY     966   960.5     961     960     960     962     964     965

5317        KK     334
5318        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 334
5319        BA     .64
5320        LG     .50     .00    3.57     .43     .00
5321        UI     30.     30.     30.     76.    109.    133.    151.    167.    182.    204.
5322        UI    227.    259.    327.    382.    351.    300.    267.    243.    219.    194.
5323        UI    176.    153.    140.    115.     86.     57.     53.     49.     49.     30.
5324        UI     30.     30.     16.      9.      9.      9.      9.      9.      9.      9.
5325        UI      9.      9.      9.      0.      0.      0.      0.      0.      0.      0.
5326        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5327        KK   1I334
5328        KM        ADD HYDROGRAPHS AT CP334
```

```
5329        HC       2   90.57

5330        KK    D285
5331        KM        RETURN DIVERT AT CP285
5332        DR  2D297A

5333        KK    R285
5334        KM        ROUTE FLOW FROM CP285 TO CP297A
5335        RS       5              -1       0
5336        RC     .03     .03     .07    3950    .003
5337        RX    1000    1001    1002    1020    1050    1460    1819    1820
5338        RY    1050     997     997     996     996     998     999    1050

5339        KK   D285A
5340        KM        RETURN DIVERT AT 285A
5341        DR  1D297A

5342        KK   R285A
5343        KM        ROUTE FLOW FROM CP285A TO CP297A
5344        RS       5              -1       0
5345        RC     .03     .03     .07    4370   .0041
5346        RX    1000    1001    1002    1020    1050    1460    1819    1820
5347        RY   997.5     997     997     996     996     998     999     999

5348        KK    297A
5349        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 297A
5350        BA     .27
5351        LG     .50     .00    3.50     .47     .00
5352        UI     14.     14.     17.     48.     59.     70.     79.     88.    100.    112.
5353        UI    136.    175.    178.    147.    128.    115.    102.     89.     78.     69.
                                          HEC-1 INPUT                                          PAGE123

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

5354        UI     58.     42.     26.     25.     23.     19.     14.     14.      9.      4.
5355        UI      4.      4.      4.      4.      4.      4.      4.      0.      0.      0.
5356        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5357        KK  1I297A
5358        KM        ADD HYDROGRAPHS AT CP297A
5359        HC       2   38.16

5360        KK  CP297A
5361        KM        ADD HYDROGRAPHS AT CP297A
5362        HC       2   38.20

5363        KK   R297A
5364        KM        ROUTE FLOW FROM CP297A TO CP315
5365        RS      19              -1
5366        RC    .075    .075    .075    5620   .0032
5367        RX    1000    1001    1002    1090    1910    2148    2149    2150
5368        RY    1000     985     985     984     984     985     985    1000

5369        KK     315
5370        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 315
5371        BA     .47
5372        LG     .50     .00    3.56     .47     .00
5373        UI     18.     18.     18.     18.     59.     67.     79.     88.     98.    104.
5374        UI    113.    124.    136.    148.    175.    209.    239.    214.    188.    168.
5375        UI    155.    144.    131.    119.    109.     99.     90.     82.     69.     52.
5376        UI     39.     32.     31.     30.     30.     19.     18.     18.     18.      7.
5377        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
```

```
5378        UI     6.     6.     0.     0.     0.     0.     0.     0.     0.     0.
5379        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5380        KK   CP315
5381        KM       ADD HYDROGRAPHS AT CP315
5382        HC      2   38.67

5383        KK    R315
5384        KM       ROUTE FLOW FROM CP315 TO CP334
5385        RS     11            -1
5386        RC    .06    .06    .06   4370   .0046
5387        RX   1000   1001   1002   1130   2070   2208   2209   2210
5388        RY    963    963    963    962    962    963    963    963

5389        KK   CP334
5390        KM       ADD HYDROGRAPHS AT CP334
5391        HC      2   91.31

5392        KK    R334
5393        KM       ROUTE FLOW FROM CP334 TO CP335
5394        RS      2            -1
5395        RC    .04    .02    .04   3450   .0035
5396        RX   1000   1380   1430   1450   1465   1470   1540   2040
5397        RY   1054   1050   1051   1050   1050   1051   1050   1054
```



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


5398        KK    335
5399        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 335
5400        BA    .35
5401        LG    .50    .00   4.39    .39    .00
5402        UI    18.    18.    20.    61.    75.    89.   100.   111.   126.   141.
5403        UI   169.   214.   234.   194.   168.   150.   134.   117.   104.    91.
5404        UI    78.    59.    40.    32.    30.    29.    18.    18.    16.     6.
5405        UI     6.     6.     6.     6.     6.     6.     6.     6.     0.     0.
5406        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5407        KK   CP335
5408        KM       ADD HYDROGRAPHS AT CP335
5409        HC      2   91.66

5410        KK    R335
5411        KM       ROUTE FLOW FROM CP335 TO CP336
5412        RS      3            -1
5413        RC    .04    .02    .04   4520   .0022
5414        RX   1000   1070   1170   1210   1270   1290   1410   1450
5415        RY    944    942    940    938    938    940    942    943

5416        KK    299
5417        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 299
5418        BA    .40
5419        LG    .50    .00   4.62    .40    .00
5420        UI    19.    19.    19.    49.    69.    84.    95.   106.   115.   129.
5421        UI   144.   166.   207.   243.   217.   186.   166.   151.   136.   120.
5422        UI   109.    95.    86.    68.    53.    33.    33.    31.    29.    19.
5423        UI    19.    19.     7.     6.     6.     6.     6.     6.     6.     6.
5424        UI     6.     6.     0.     0.     0.     0.     0.     0.     0.     0.
5425        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5426        KK    R299
```

```
5427        KM        ROUTE FLOW FROM CP299 TO CP317
5428        RS     21              -1
5429        RC    .06     .06     .06    5460   .0033
5430        RX   1000    1001    1002    1420    1840    2220    2514    2515
5431        RY    980     980     980     978     978     980     982     982

5432        KK    317
5433        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 317
5434        BA    .57
5435        LG    .50     .00    3.52     .47     .00
5436        UI    22.     22.     22.     25.     73.     84.    100.    111.    122.    130.
5437        UI   142.    157.    171.    190.    226.    272.    292.    252.    223.    202.
5438        UI   186.    172.    155.    140.    130.    115.    106.     93.     73.     59.
5439        UI    40.     40.     37.     37.     29.     22.     22.     22.     13.      7.
5440        UI     7.      7.      7.      7.      7.      7.      7.      7.      7.      7.
5441        UI     7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5442        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE125

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


5443        KK   CP317
5444        KM        ADD HYDROGRAPHS AT CP317
5445        HC      2     .97

5446        KK   R317
5447        KM        ROUTE FLOW FROM CP317 TO CP336
5448        RS     13              -1
5449        RC    .04     .02     .04   12170   .0032
5450        RX   1000    1070    1170    1210    1270    1290    1410    1450
5451        RY    944     942     940     938     938     940     942     943

5452        KK    300
5453        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 300
5454        BA    .39
5455        LG    .50     .00    6.36     .30     .00
5456        UI    22.     22.     39.     80.    101.    118.    132.    150.    172.    208.
5457        UI   271.    278.    227.    197.    176.    152.    133.    114.     97.     72.
5458        UI    46.     39.     37.     29.     22.     22.      9.      7.      7.      7.
5459        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5460        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5461        KK   R300
5462        KM        ROUTE FLOW FROM CP300 TO CP318
5463        RS     21              -1
5464        RC    .05     .05     .05    5620   .0028
5465        RX   1000    1001    1002    1190    1800    2268    2269    2270
5466        RY    975     975     975     974     974     976     976     976

5467        KK    318
5468        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 318
5469        BA    .62
5470        LG    .27     .14    3.66     .39   12.00
5471        UI    43.     43.    119.    181.    222.    254.    299.    354.    475.    537.
5472        UI   428.    363.    313.    264.    222.    183.    124.     76.     71.     58.
5473        UI    43.     36.     13.     13.     13.     13.     13.     13.     13.      0.
5474        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5475        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5476        KK   CP318
5477        KM        ADD HYDROGRAPHS AT CP318
```

```
5478        HC      2    1.01

5479        KK    R318
5480        KM        ROUTE FLOW FROM CP318 TO CP337
5481        RS      4              -1
5482        RC    .03     .03     .03    2000   .0029
5483        RX   1000    1001    1280    1440    2180    2420    2469    2470
5484        RY   1063    1063    1062    1061    1061    1062    1063    1063
```



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


5485        KK    301
5486        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 301
5487        BA    .30
5488        LG    .24     .28    5.79     .23   10.00
5489        UI    80.    269.    424.    644.    427.    263.    110.     61.     17.     17.
5490        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5491        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5492        KK    R301
5493        KM        ROUTE FLOW FROM CP301 TO CP319
5494        RS     24              -1
5495        RC    .05     .05     .05    6240   .0024
5496        RX   1000    1001    1002    1250    2020    2280    2349    2350
5497        RY    973     973     972     970     970     972     973     973

5498        KK    319
5499        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 319
5500        BA    .54
5501        LG    .23     .18    3.50     .40   14.00
5502        UI    45.     61.    167.    225.    268.    324.    414.    570.    471.    383.
5503        UI   317.    259.    208.    140.     80.     74.     48.     44.     14.     14.
5504        UI    14.     14.     14.      0.      0.      0.      0.      0.      0.      0.
5505        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5506        KK   CP319
5507        KM        ADD HYDROGRAPHS AT CP319
5508        HC      2     .84

5509        KK    R319
5510        KM        ROUTE FLOW FROM CP319 TO CP337
5511        RS      6              -1
5512        RC    .03     .03     .03    2400   .0027
5513        RX   1000    1001    1280    1440    2180    2420    2469    2470
5514        RY   1063    1063    1062    1061    1061    1062    1063    1063

5515        KK    337
5516        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 337
5517        BA    .49
5518        LG    .19     .30    3.60     .33   23.50
5519        UI    68.    238.    378.    519.    803.    624.    455.    319.    156.    101.
5520        UI    61.     21.     21.     21.      0.      0.      0.      0.      0.      0.
5521        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5522        KK   CP337
5523        KM        ADD HYDROGRAPHS AT CP337
5524        HC      3    2.34

5525        KK   SR337
5526        KM        STORAGE ROUTE THROUGH CP337
```

```
5527        RS      1    STOR       0       0
5528        SV      0     .06    3.14   15.08   45.28  110.59  221.78  290.44  449.81
5529        SQ      0      10     100     250     370     380     383     383    8928
5530        SE  951.3     952     954     956     958     960     962   962.8     964
```



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

5531        KK   D337
5532        KM        DIVERT FLOW IN 96" STORM DRAIN TO AGUA FRIA RIVER AT CP367
5533        DT  DI367
5534        DI      0      10     100     250     370     380     383     383    8928
5535        DQ      0      10     100     250     370     380     383     383     383

5536        KK   R337
5537        KM        ROUTE FLOW FROM CP337 TO CP336
5538        RS     11              -1
5539        RC    .03     .03     .03    9830   .0034
5540        RX   1000    1080    1130    1240    1660    1770    1810    1830
5541        RY   1057    1056    1054    1052    1052    1054    1056    1057

5542        KK  1I336
5543        KM        ADD HYDROGRAPHS AT CP336
5544        HC      2   33.31

5545        KK  2I336
5546        KM        ADD HYDROGRAPHS AT CP336
5547        HC      2   94.97

5548        KK    336
5549        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336
5550        BA   1.28
5551        LG    .43     .05    3.50     .43   13.50
5552        UI    32.     32.     32.     32.     32.     32.     98.    107.    124.    135.
5553        UI   150.    159.    171.    179.    188.    197.    208.    222.    237.    250.
5554        UI   264.    291.    330.    380.    408.    429.    386.    352.    326.    305.
5555        UI   288.    272.    260.    248.    230.    215.    203.    193.    181.    168.
5556        UI   159.    150.    135.    124.     94.     93.     63.     57.     57.     56.
5557        UI    53.     53.     53.     40.     32.     32.     32.     32.     32.     20.
5558        UI    10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
5559        UI    10.     10.     10.     10.     10.     10.     10.     10.     10.      0.
5560        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5561        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5562        KK  CP336
5563        KM        ADD HYDROGRAPHS AT CP336
5564        HC      2   96.25

5565        KK  SR336
5566        KM        STORAGE ROUTE THROUGH CP336
5567        RS      1    STOR       0       0
5568        SV      0     .54    1.72    4.49    5.79   15.91   32.49
5569        SQ      0    1400    2075    2335    2414    2800    8534
5570        SE  922.3     930     932   932.8     933     934     935

5571        KK   336A
5572        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336A
5573        BA    .37
5574        LG    .51     .02    3.86     .44    2.00
5575        UI     9.      9.      9.      9.      9.      9.     25.     30.     34.     37.
5576        UI    42.     44.     47.     50.     52.     55.     58.     61.     65.     69.
```

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5577        UI     72.     79.     88.    101.    107.    122.    116.    105.     97.     90.
1                                          HEC-1 INPUT                                          PAGE128

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

5578        UI     85.     80.     76.     73.     69.     64.     60.     57.     54.     51.
5579        UI     47.     45.     42.     38.     35.     27.     26.     18.     16.     16.
5580        UI     16.     15.     15.     15.     12.      9.      9.      9.      9.      9.
5581        UI      8.      3.      3.      3.      3.      3.      3.      3.      3.      3.
5582        UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
5583        UI      3.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5584        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5585        KK  CP336A
5586        KM        ADD HYDROGRAPHS AT CP336A
5587        HC       2   96.62

5588        KK   R336A
5589        KM        ROUTE FLOW FROM CP336A TO CP364A
5590        RS       2              -1
5591        RC     .03     .02     .03    4210   .0056
5592        RX    1000    1020    1025    1030    1070    1100    1180    1310
5593        RY    1050    1030    1028    1026    1026  1028.5    1027    1050

5594        KK    364A
5595        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 364A
5596        BA     .07
5597        LG     .35     .35    3.50     .28     .00
5598        UI     10.     33.     53.     71.    112.     90.     66.     47.     24.     15.
5599        UI     10.      3.      3.      3.      0.      0.      0.      0.      0.      0.
5600        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5601        KK  1I364A
5602        KM        ADD HYDROGRAPHS AT CP364A
5603        HC       2   96.69

5604        KK    336B
5605        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336B
5606        BA     .08
5607        LG     .35     .35    4.07     .36     .00
5608        UI     83.    262.    198.     57.     13.      0.      0.      0.      0.      0.
5609        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5610        KK  SR336B
5611        KM        STORAGE ROUTE THROUGH CP336B AT S.P.R.R.
5612        RS       1    STOR       0       0
5613        SV       0    2.37    5.42    7.76
5614        SQ       0     110     169    1249
5615        SE   921.3     924     925   925.5

5616        KK   R336B
5617        KM        ROUTE FLOW FROM CP336B TO CP364A
5618        RS       3              -1       0
5619        RC    .025    .025    .025    1250   .0048
5620        RX    1000    1001    1015    1030    1340    1380    1430    1510
5621        RY     921     921     920     918     918     921     919     920
                                           HEC-1 INPUT                                          PAGE129

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


5622        KK  CP364A
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```
5623        KM        ADD HYDROGRAPHS AT CP364A
5624        HC      2   96.77

5625        KK   D364A
5626        KM        DIVERT FROM CP364A TO CP363
5627        DT   DI363
5628        DI      0     112     925    3216
5629        DQ      0      12     325    1166

5630        KK   R364A
5631        KM        ROUTE REMAINDER FROM CP364A TO CP364
5632        RS      5              -1
5633        RC   .075    .035    .035    3400   .0015
5634        RX   1000    1001    1270    1800    2070    2088    2089    2090
5635        RY    917     917     916     914     914     915     915     915

5636        KK    365
5637        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 365
5638        BA    .38
5639        LG    .50     .00    4.11     .73     .00
5640        UI    22.     22.     37.     78.     98.    114.    128.    145.    167.    200.
5641        UI   261.    272.    222.    192.    172.    148.    130.    111.     96.     71.
5642        UI    47.     38.     36.     29.     22.     22.      9.      7.      7.      7.
5643        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5644        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5645        KK   R365
5646        KM        ROUTE FLOW FROM CP365 TO CP364
5647        RS     26              -1
5648        RC   .035    .035    .075    7020   .0017
5649        RX   1000    1001    1015    1140    1560    1700    2009    2010
5650        RY    915     915     914   913.5   913.5     914     915     915

5651        KK    364
5652        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 364
5653        BA    .78
5654        LG    .50     .00    4.22     .43     .00
5655        UI    37.     37.     37.     99.    136.    169.    190.    210.    230.    258.
5656        UI   286.    338.    418.    484.    415.    359.    321.    293.    261.    231.
5657        UI   207.    184.    161.    125.     92.     65.     63.     61.     49.     37.
5658        UI    37.     31.     11.     11.     11.     11.     11.     11.     11.     11.
5659        UI    11.     11.      0.      0.      0.      0.      0.      0.      0.      0.
5660        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5661        KK   1I364
5662        KM        ADD HYDROGRAPHS AT CP364
5663        HC      2    1.16
```



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


5664        KK   CP364
5665        KM        ADD HYDROGRAPHS AT CP364
5666        HC      2   97.93

5667        KK   SR364
5668        KM        STORAGE ROUTE CP364 BEHIND BUCKEYE CANAL
5669        RS      1    STOR       0       0
5670        SV      0     .91    4.65    6.88   14.06   22.19   33.52
5671        SQ      0       0       0      21     506    4186    7154
5672        SE    908     910     911   911.3     912   912.5   913.0
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```
5673        KK    D364
5674        KM        DIVERT FROM CP364 TO GILA RIVER
5675        DT  DIGILA
5676        DI       0      21     506    4186
5677        DQ       0      21     163     597

5678        KK    R364
5679        KM        ROUTE REMAINDER FROM CP364 TO CP363
5680        RS      16              -1
5681        RC    .075     .06    .075    5770   .0016
5682        RX    1000    1001    1040    1200    2040    2180    2239    2240
5683        RY     950     907     906     905     905     906     907     950

5684        KK   D364A
5685        KM        RETURN DIVERT AT CP364A
5686        DR   DI363

5687        KK   R364A
5688        KM        ROUTE FLOW FROM CP364A TO CP363
5689        RS      17              -1
5690        RC    .075     .06    .075    5460   .0020
5691        RX    1000    1001    1040    1200    2040    2180    2239    2240
5692        RY     907     907     906     905     905     906     907     907

5693        KK     363
5694        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 363
5695        BA     .63
5696        LG     .50     .00    3.71     .46     .00
5697        UI     23.     23.     23.     23.     68.     84.     98.    112.    122.    132.
5698        UI    142.    154.    170.    183.    207.    252.    286.    303.    262.    234.
5699        UI    213.    196.    183.    166.    152.    139.    127.    116.    106.     90.
5700        UI     67.     53.     41.     41.     38.     38.     28.     23.     23.     23.
5701        UI     15.      7.      7.      7.      7.      7.      7.      7.      7.      7.
5702        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5703        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5704        KK   1I363
5705        KM        ADD HYDROGRAPHS AT CP363
5706        HC       2    97.4
```



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


5707        KK   2I363
5708        KM        ADD HYDROGRAPHS AT CP363
5709        HC       2   98.56

5710        KK     314
5711        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 314
5712        BA     .42
5713        LG     .50     .00    3.50     .47     .00
5714        UI     20.     20.     20.     51.     72.     89.    101.    111.    122.    136.
5715        UI    151.    176.    219.    257.    227.    195.    174.    158.    142.    126.
5716        UI    114.    100.     90.     71.     54.     35.     34.     32.     29.     20.
5717        UI     20.     20.      7.      6.      6.      6.      6.      6.      6.      6.
5718        UI      6.      6.      0.      0.      0.      0.      0.      0.      0.      0.
5719        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5720        KK    R314
5721        KM        ROUTE FLOW FROM CP314 TO CP333
```

```
5722        RS      25              -1
5723        RC    .075     .075    .075    5770   .0040
5724        RX    1000     1001    1200    1690    2100    2788    2789    2790
5725        RY     967      967     966     964     964     966     966     966

5726        KK     333
5727        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 333
5728        BA     .58
5729        LG     .50      .00    3.50     .47     .00
5730        UI     26.      26.     26.     59.     93.    112.    128.    143.    156.    172.
5731        UI    192.     212.    256.    316.    336.    283.    249.    224.    206.    184.
5732        UI    164.     149.    132.    119.     95.     75.     46.     46.     43.     43.
5733        UI     27.      26.     26.     17.      8.      8.      8.      8.      8.      8.
5734        UI      8.       8.      8.      8.      0.      0.      0.      0.      0.      0.
5735        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

5736        KK   CP333
5737        KM        ADD HYDROGRAPHS AT CP333
5738        HC       2     1.0

5739        KK    R333
5740        KM        ROUTE FLOW FROM CP333 TO  CP348A
5741        RS       8              -1
5742        RC     .06      .04     .06    2700   .0048
5743        RX    1000     1001    1005    1600    2210    2560    2900    3020
5744        RY     947      947     946     944     944     946     948     949

5745        KK    348A
5746        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 348A
5747        BA     .22
5748        LG     .50      .00    3.62     .46     .00
5749        UI     17.      18.     61.     81.     97.    115.    138.    190.    211.    164.
5750        UI    138.     114.     95.     77.     52.     30.     28.     20.     17.      8.
5751        UI      5.       5.      5.      5.      5.      0.      0.      0.      0.      0.
5752        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


5753        KK  CP348A
5754        KM        ADD HYDROGRAPHS AT CP348A
5755        HC       2    1.22

5756        KK   R348A
5757        KM        ROUTE FLOW FROM CP348A TO CP348B
5758        RS       4              -1
5759        RC     .03      .03    .075    4050   .0077
5760        RX    1000     1005    1010    1040    1100    1370    1450    1470
5761        RY  1032.5   1032.5    1032    1030    1030    1032    1034  1034.5

5762        KK    348B
5763        KM        RUNOFF FROM SUBBASIN 348B
5764        BA     .66
5765        LG     .49      .04    3.59     .45     .00
5766        UI     24.      24.     24.     24.     60.     82.     94.    110.    120.    130.
5767        UI    138.     150.    163.    178.    192.    223.    268.    303.    293.    257.
5768        UI    230.     211.    196.    184.    166.    153.    140.    128.    117.    109.
5769        UI     92.      72.     60.     42.     42.     39.     39.     36.     24.     24.
5770        UI     24.      24.      9.      7.      7.      7.      7.      7.      7.      7.
5771        UI      7.       7.      7.      7.      7.      7.      0.      0.      0.      0.
5772        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
5773        KK  CP348B
5774        KM        ADD HYDROGRAPHS AT CP348B
5775        HC       2    1.88

5776        KK  SR348B
5777        KM        STORAGE ROUTE BEHIND S.P.R.R. AT CP348B
5778        RS       1    STOR       0       0
5779        SV       0     .08    8.33   14.16   23.37
5780        SQ       0      50     285     778    4586
5781        SE   908.5   910.1     914     915     916

5782        KK   R348B
5783        KM        ROUTE FLOW FROM CP348B TO CP363
5784        RS      10              -1       0
5785        RC    .075     .06    .075    3100   .0029
5786        RX    1000    1001    1040    1200    2040    2180    2239    2240
5787        RY     907     907     906     905     905     906     907     907

5788        KK   3I363
5789        KM        ADD HYDROGRAPHS AT CP363
5790        HC       2  100.44

5791        KK     348
5792        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 348
5793        BA     .34
5794        LG     .50     .00    3.70     .45     .00
5795        UI     20.     20.     35.     71.     90.    104.    117.    133.    153.    187.
5796        UI    244.    239.    196.    171.    152.    131.    114.     98.     83.     60.
5797        UI     37.     34.     33.     22.     20.     18.      6.      6.      6.      6.
5798        UI      6.      6.      6.      6.      0.      0.      0.      0.      0.      0.
5799        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


5800        KK   SR348
5801        KM        STORAGE ROUTE BEHIND SOUTHERN PACIFIC RAILROAD
5802        RS       1    STOR       0       0
5803        SV       0       0     .72    2.12   15.51   22.03
5804        SQ       0      .5       5       9    3101    5661
5805        SE   906.6   907.6     908   908.3   909.6     910

5806        KK    D348
5807        KM        DIVERT FROM CP348 TO CP347
5808        DT   DI347
5809        DI       0    3083    5640
5810        DQ       0       0     165

5811        KK    R348
5812        KM        ROUTE REMAINDER FROM CP348 TO CP363
5813        RS       8              -1
5814        RC    .075     .06    .075    1600   .0025
5815        RX    1000    1001    1040    1200    2040    2180    2239    2240
5816        RY     907     907     906     905     905     906     907     907

5817        KK   CP363
5818        KM        ADD HYDROGRAPHS AT CP363
5819        HC       2  100.78

5820        KK    R363
```

```
5821        KM        ROUTE FLOW FROM CP363 TO CP362
5822        RS     10              -1
5823        RC   .075    .075    .075    3350   .0015
5824        RX   1000    1001    1002    1300    2040    2628    2629    2630
5825        RY    950     903     903     902     902     904     904     950

5826        KK    362
5827        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 362
5828        BA    .42
5829        LG    .50     .00    4.38     .42     .00
5830        UI    23.     23.     31.     79.     98.    115.    130.    144.    166.    188.
5831        UI   242.    290.    263.    222.    195.    175.    152.    135.    116.    101.
5832        UI    76.     51.     41.     38.     34.     23.     23.     17.      7.      7.
5833        UI     7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
5834        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5835        KK   1I362
5836        KM        ADD HYDROGRAPHS AT CP362
5837        HC       2  101.20

5838        KK    265
5839        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 265
5840        BA    .22
5841        LG    .50     .00    3.83     .50     .00
5842        UI     8.      8.      8.      8.     19.     27.     31.     36.     39.     42.
5843        UI    45.     49.     53.     58.     62.     71.     87.     95.    100.     87.
5844        UI    78.     71.     66.     62.     57.     51.     48.     44.     40.     37.
5845        UI    32.     27.     22.     15.     14.     13.     13.     13.      9.      8.
5846        UI     8.      8.      6.      2.      2.      2.      2.      2.      2.      2.
```



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

5847        UI     2.      2.      2.      2.      2.      2.      0.      0.      0.      0.
5848        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5849        KK    R265
5850        KM        ROUTE FLOW FROM CP265 TO CP265A
5851        RS     12              -1
5852        RC   .075    .035    .035    5250   .0029
5853        RX   1000    1210    1730    1960    2050    2078    2079    2080
5854        RY   1041    1040    1038    1036    1036    1037    1037    1037

5855        KK   D250A
5856        KM        RETURN DIVERT AT CP250A
5857        DR  DI265A

5858        KK   R250A
5859        KM        ROUTE FLOW FROM CP250A TO CP265A
5860        RS     68              -1
5861        RC    .07     .03     .07    5280   .0032
5862        RX   1000    1001    1002    1560    1820    2350    2819    2820
5863        RY   1035    1035    1035    1034    1034    1036    1038    1038

5864        KK    265A
5865        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 265A
5866        BA    .95
5867        LG    .50     .00    3.58     .47     .00
5868        UI    42.     42.     42.     87.    146.    176.    201.    227.    244.    268.
5869        UI   301.    330.    387.    474.    550.    479.    417.    372.    341.    312.
5870        UI   276.    250.    224.    200.    174.    135.    101.     74.     72.     69.
5871        UI    61.     42.     42.     42.     20.     13.     13.     13.     13.     13.
```

```
5872        UI     13.     13.     13.     13.     13.      0.      0.      0.      0.      0.
5873        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5874        KK  1I265A
5875        KM        ADD HYDROGRAPHS AT CP265A
5876        HC       2   34.79

5877        KK  CP265A
5878        KM        ADD HYDROGRAPHS AT CP265A
5879        HC       2   35.01

5880        KK   R265A
5881        KM        ROUTE FLOW FROM CP265A TO CP281
5882        RS      15              -1
5883        RC    .075     .05    .075    5280   .0036
5884        RX    1000    1001    1210    2060    2090    2760    2969    2970
5885        RY    1017    1017    1016    1014    1014    1016    1017    1017

5886        KK     281
5887        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 281
5888        BA     .85
5889        LG     .50     .00    3.58     .48     .00
5890        UI     32.     32.     32.     32.     96.    116.    136.    153.    168.    182.
5891        UI    194.    213.    234.    252.    289.    354.    396.    405.    350.    312.
5892        UI    285.    263.    246.    222.    201.    187.    167.    154.    138.    113.
5893        UI     92.     62.     56.     54.     52.     52.     32.     32.     32.     32.
1                                          HEC-1 INPUT                                          PAGE135

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

5894        UI     12.     10.     10.     10.     10.     10.     10.     10.     10.     10.
5895        UI     10.     10.     10.      0.      0.      0.      0.      0.      0.      0.
5896        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5897        KK   CP281
5898        KM        ADD HYDROGRAPHS AT CP281
5899        HC       2   35.86

5900        KK   SR281
5901        KM        STORAGE ROUTE THROUGH CP281
5902        RS       1    STOR       0       0
5903        SV       0    1.75    6.79   71.75
5904        SQ       0       0       0    8539
5905        SE  1007.5    1008  1008.4    1010

5906        KK    D281
5907        KM        DIVERT FLOW AT CP281 TO CP280
5908        DT   DI280
5909        DI       0    8539
5910        DQ       0     646

5911        KK    R281
5912        KM        ROUTE FLOW FROM CP281 TO CP282
5913        RS       5              -1
5914        RC    .075    .075    .075    1450   .0041
5915        RX    1000    1001    1002    1040    1720    1868    1869    1870
5916        RY    1050    1003    1003    1002    1002    1003    1003    1050

5917        KK     282
5918        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 282
5919        BA     .12
5920        LG     .50     .00    3.58     .46     .00
```

```
5921        UI     13.     33.     63.     81.    106.    159.    136.    104.     80.     60.
5922        UI     32.     22.     15.      9.      4.      4.      4.      4.      0.      0.
5923        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5924        KK   CP282
5925        KM        ADD HYDROGRAPHS AT CP282
5926        HC       2   35.98

5927        KK   SR282
5928        KM        STORAGE ROUTE THROUGH CP282
5929        RS       1    STOR       0       0
5930        SV       0    .045     .51    2.64   41.53
5931        SQ       0       1      87     121    1009
5932        SE  996.25  997.15  1001.7  1002.0  1004.0

5933        KK    R282
5934        KM        ROUTE FLOW FROM CP282 TO CP296
5935        RS      18              -1
5936        RC    .075    .075    .075    4680   .0028
5937        RX    1000    1001    1002    1040    1420    2020    2269    2270
5938        RY    1095    1095    1095    1094    1094    1096    1098    1098
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


5939        KK     232
5940        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 232
5941        BA     .93
5942        LG     .35     .33    4.08     .36     .00
5943        UI     97.    217.    437.    565.    713.   1028.   1134.    844.    667.    517.
5944        UI    361.    190.    154.     97.     56.     30.     30.     30.     30.      0.
5945        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5946        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5947        KK    R232
5948        KM        ROUTE FLOW FROM CP232 TO CP246
5949        RS       6              -1
5950        RC    .022    .022    .025    7800   .0033
5951        RX    1000    1030    1080    1105    1120    1135    1300    1400
5952        RY    1047    1046    1047    1044    1044    1046    1048    1050

5953        KK     246
5954        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 246
5955        BA     .75
5956        LG     .35     .35    4.22     .39     .00
5957        UI     63.     88.    236.    316.    378.    458.    595.    794.    648.    529.
5958        UI    436.    355.    284.    182.    111.    103.     63.     55.     19.     19.
5959        UI     19.     19.     19.      0.      0.      0.      0.      0.      0.      0.
5960        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5961        KK   CP246
5962        KM        ADD HYDROGRAPHS AT CP246
5963        HC       2    1.68

5964        KK    R246
5965        KM        ROUTE FLOW FROM CP246 TO CP260
5966        RS       3              -1
5967        RC    .022    .022    .025    5280   .0053
5968        RX    1000    1001    1002    1025    1060    1120    1300    1480
5969        RY    1113    1113    1113    1112    1112    1114    1116    1118
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```
5970        KK     260
5971        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 260
5972        BA     .50
5973        LG     .30      .33     4.13      .49     4.00
5974        UI     57.     146.     273.     352.     467.     689.     552.     426.     323.     230.
5975        UI    119.      90.      57.      27.      17.      17.      17.       0.       0.       0.
5976        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

5977        KK   CP260
5978        KM        ADD HYDROGRAPHS AT CP260
5979        HC       2    2.18

5980        KK    R260
5981        KM        ROUTE FLOW FROM CP260 TO CP273
5982        RS       4              -1
5983        RC    .022     .022     .025     6100    .0072
5984        RX    1000     1001     1002     1030     1090     1130     1210     1450
5985        RY    1093     1093     1093     1092     1092     1093     1092     1096
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


5986        KK     273
5987        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 273
5988        BA     .65
5989        LG     .33      .34     4.25      .40     2.00
5990        UI     66.     137.     288.     373.     466.     643.     800.     605.     484.     378.
5991        UI    289.     156.     112.      80.      60.      20.      20.      20.      20.       0.
5992        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
5993        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

5994        KK   CP273
5995        KM        ADD HYDROGRAPHS AT CP273
5996        HC       2    2.83

5997        KK   SR273
5998        KM        STORAGE ROUTE THROUGH CP273
5999        RS       1    STOR        0        0
6000        SV       0    .022      1.6     3.82     7.92    11.72
6001        SQ       0      40      525      850     1700     2560
6002        SE  1053.6    1054     1056     1057     1058   1058.5

6003        KK    D273
6004        KM        DIVERT FROM CP273 TO CP292
6005        DT   DI292
6006        DI       0      40      525      850     1700
6007        DQ       0      40      525      850     1050

6008        KK    R273
6009        KM        ROUTE REMAINDER FROM CP273 TO CP274
6010        RS       2              -1
6011        RC     .07     .025     .025     1900    .0074
6012        RX    1000     1130     1300     1580     1630     1658     1659     1660
6013        RY    1055     1054     1052     1050     1050     1057     1057     1057

6014        KK     261
6015        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 261
6016        BA     .41
6017        LG     .50      .00     3.87      .40      .00
6018        UI     17.      17.      17.      24.      55.      65.      78.      85.      93.     101.
6019        UI    110.     122.     133.     155.     188.     218.     199.     173.     155.     142.
```

```
6020        UI    131.    118.    107.     98.     87.     80.     69.     54.     43.     30.
6021        UI     29.     27.     27.     19.     17.     17.     17.      5.      5.      5.
6022        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      0.
6023        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6024        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6025        KK    D247
6026        KM        RETURN DIVERT AT CP247
6027        DR   DI261
```



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


6028        KK    R247
6029        KM        ROUTE FLOW FROM CP247 TO CP261
6030        RS       6              -1
6031        RC     .03     .03    .075           .0051
6032        RX    1000    1001    1002    1020    1090    1220    1460    1760
6033        RY    1101    1101    1101    1100    1100    1102    1104    1106

6034        KK   CP261
6035        KM        ADD HYDROGRAPHS AT CP261
6036        HC       2     .91

6037        KK    D261
6038        KM        DIVERT FROM CP261 TO CP277
6039        DT   DI277
6040        DI       0       7     271    3982
6041        DQ       0       0     101    2114

6042        KK    R261
6043        KM        ROUTE REMAINDER FROM CP261 TO CP274
6044        RS       9              -1
6045        RC    .030    .030    .075    6200    .0065
6046        RX    1000    1001    1002    1015    1035    1370    1650    1970
6047        RY    1071    1071    1071    1070    1070    1072    1074    1076

6048        KK     274
6049        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 274
6050        BA     .66
6051        LG     .50     .00    4.29     .50     .00
6052        UI     21.     21.     21.     21.     30.     70.     78.     89.    100.    108.
6053        UI    116.    123.    131.    142.    154.    164.    180.    208.    244.    275.
6054        UI    268.    235.    213.    196.    182.    171.    160.    147.    136.    126.
6055        UI    117.    107.    100.     89.     76.     61.     47.     37.     37.     35.
6056        UI     35.     35.     22.     21.     21.     21.     20.      6.      6.      6.
6057        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
6058        UI      6.      6.      0.      0.      0.      0.      0.      0.      0.      0.
6059        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6060        KK   1I274
6061        KM        ADD HYDROGRAPHS AT CP274
6062        HC       2    1.57

6063        KK   CP274
6064        KM        ADD HYDROGRAPHS AT CP274
6065        HC       2    4.40

6066        KK   SR274
6067        KM        STORAGE ROUTE THROUGH CP274
6068        RS       1    STOR       0       0
```

```
6069          SV       0     .08    1.55    3.21    5.54
6070          SQ       0      40     665    1100    1490
6071          SE  1043.5    1044    1046    1047    1048
```



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

6072          KK    D274
6073          KM        DIVERT FROM CP274 TO CP292
6074          DT   2D292
6075          DI       0      40     665    1100    1490
6076          DQ       0      40     665    1100    1100

6077          KK    R274
6078          KM        ROUTE REMAINDER FROM CP274 TO CP275
6079          RS       2              -1
6080          RC    .075    .035    .035    1350   .0058
6081          RX    1000    1001    1120    1300    1610    1698    1699    1700
6082          RY    1045    1045    1044    1042    1042    1061    1061    1061

6083          KK     275
6084          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 275
6085          BA     .11
6086          LG     .50     .00    3.84     .40     .00
6087          UI     10.     19.     43.     57.     69.     89.    128.    109.     86.     69.
6088          UI     55.     40.     22.     17.     12.      9.      3.      3.      3.      3.
6089          UI      3.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6090          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6091          KK   CP275
6092          KM        ADD HYDROGRAPHS AT CP275
6093          HC       2    4.51

6094          KK   SR275
6095          KM        STORAGE ROUTE THROUGH CP275
6096          RS       1    STOR       0       0
6097          SV       0    3.47   10.56   14.12   23.26
6098          SQ       0     100     188     244    1303
6099          SE  1037.6    1040  1041.5    1042    1043

6100          KK    D275
6101          KM        DIVERT FROM CP275 TO CP293
6102          DT   1D293
6103          DI       0     100     188     244    1303
6104          DQ       0     100     188     216     260

6105          KK    R275
6106          KM        ROUTE REMAINDER FROM CP275 TO CP276
6107          RS       1              -1
6108          RC    .075    .030    .030    1230   .0040
6109          RX    1000    1001    1120    1480    1870    1890    1909    1910
6110          RY    1043    1043    1042    1040    1040    1042    1043    1043

6111          KK     276
6112          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 276
6113          BA     .26
6114          LG     .50     .00    4.08     .45     .00
6115          UI     13.     13.     13.     36.     47.     59.     66.     73.     80.     91.
6116          UI    101.    122.    153.    160.    134.    117.    105.     96.     84.     75.
6117          UI     66.     60.     49.     36.     23.     22.     21.     19.     13.     13.
6118          UI     13.      4.      4.      4.      4.      4.      4.      4.      4.      4.
```

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

6119          UI     4.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6120          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6121          KK   CP276
6122          KM       ADD HYDROGRAPHS AT CP276
6123          HC       2    4.77

6124          KK   SR276
6125          KM       STORAGE ROUTE THROUGH CP276
6126          RS       1    STOR       0       0
6127          SV       0     .23    1.37    1.97    4.62
6128          SQ       0      18      75     115    1063
6129          SE  1032.9    1034  1035.5    1036    1037

6130          KK    D276
6131          KM       DIVERT FROM CP276 TO CP293
6132          DT   2D293
6133          DI       0      18      75     115    1063
6134          DQ       0      18      75      87     108

6135          KK    R276
6136          KM       ROUTE REMAINDER FROM CP276 TO CP277
6137          RS       4              -1
6138          RC    .075    .025    .025    2684   .0041
6139          RX    1000    1190    1420    1530    1560    1570    1590    1620
6140          RY    1037    1036    1034    1032    1032    1034    1036    1039

6141          KK    D248
6142          KM       RETURN DIVERT AT CP248
6143          DR   DI262

6144          KK    R248
6145          KM       ROUTE FLOW FROM CP248 TO CP262
6146          RS       5              -1
6147          RC     .03     .03    .075    5280   .0053
6148          RX    1000    1001    1002    1060    1150    1520    1889    1890
6149          RY    1071    1071    1071    1070    1070    1072    1074    1074

6150          KK     262
6151          KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 262
6152          BA    1.03
6153          LG     .50     .00    3.68     .46     .00
6154          UI     40.     40.     40.     42.    132.    149.    177.    197.    218.    232.
6155          UI    253.    277.    304.    335.    396.    477.    529.    461.    405.    367.
6156          UI    337.    314.    283.    257.    236.    212.    193.    173.    141.    115.
6157          UI     73.     71.     67.     66.     59.     40.     40.     40.     32.     12.
6158          UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
6159          UI     12.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6160          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

6161          KK   CP262
6162          KM       ADD HYDROGRAPHS AT CP262
6163          HC       2   18.57
```

```
6164        KK    D262
6165        KM        DIVERT FROM CP262 TO CP278
6166        DT   1D278
6167        DI       0       8      12    1885   12547
6168        DQ       0       0       4     644    1672

6169        KK    D262
6170        KM        DIVERT FROM CP262 TO CP263
6171        DT   DI263
6172        DI       0       8       8    1241   10875
6173        DQ       0       8       8     867    5869

6174        KK    R262
6175        KM        ROUTE REMAINDER FROM CP262 TO CP277
6176        RS      13              -1
6177        RC     .04     .04    .075    6300   .0049
6178        RX    1000    1001    1002    1020    1270    1820    2189    2190
6179        RY    1047    1047    1047    1046    1046    1048    1050    1050

6180        KK    D261
6181        KM        RETURN DIVERT AT CP261
6182        DR   DI277

6183        KK    R261
6184        KM        ROUTE FLOW FROM CP261 TO CP277
6185        RS      66              -1       0
6186        RC    .075    .075    .075    8450   .0070
6187        RX    1000    1001    1002    1150    2300    2598    2599    2600
6188        RY  1067.5    1067    1067    1066    1066    1067    1067  1067.5

6189        KK     277
6190        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 277
6191        BA     .91
6192        LG     .43     .09    3.60     .42    2.00
6193        UI     40.     40.     40.     79.    137.    164.    189.    212.    229.    252.
6194        UI    280.    306.    357.    439.    511.    468.    404.    361.    328.    302.
6195        UI    269.    243.    218.    196.    174.    140.    110.     70.     70.     65.
6196        UI     65.     42.     40.     40.     31.     12.     12.     12.     12.     12.
6197        UI     12.     12.     12.     12.     12.     12.      0.      0.      0.      0.
6198        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6199        KK   1I277
6200        KM        ADD HYDROGRAPHS AT CP277
6201        HC       2    1.82
```



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


6202        KK   2I277
6203        KM        ADD HYDROGRAPHS AT CP277
6204        HC       2   19.48

6205        KK   CP277
6206        KM        ADD HYDROGRAPHS AT CP277
6207        HC       2   24.25

6208        KK   SR277
6209        KM        STORAGE ROUTE THROUGH CP277
6210        RS       1    STOR       0       0
6211        SV       0     .22    3.46   10.83   17.67
6212        SQ       0     255     525    2380    3410
```

```
6213        SE  1022.1    1024    1026  1027.3    1028

6214        KK    D277
6215        KM        DIVERT FROM CP277 TO CP293
6216        DT   3D293
6217        DI       0     255     525    2380    3410
6218        DQ       0     255     525    2380    2800

6219        KK    R277
6220        KM         ROUTE REMAINDER FROM CP277 TO CP279D
6221        RS       1              -1
6222        RC    .075    .035    .035     400   .0075
6223        RX    1000    1001    1130    1520    1860    1875    1899    1900
6224        RY    1025    1025    1024    1022    1022    1024    1025    1025

6225        KK    279D
6226        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279D
6227        BA     .02
6228        LG     .50     .00    3.56     .50     .00
6229        UI      4.     14.     21.     35.     32.     22.     14.      6.      4.      1.
6230        UI      1.      1.      0.      0.      0.      0.      0.      0.      0.      0.
6231        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6232        KK  CP279D
6233        KM        ADD HYDROGRAPHS AT CP279D
6234        HC       2   24.27

6235        KK  SR279D
6236        KM        STORAGE ROUTE THROUGH CP279D
6237        RS       1    STOR       0       0
6238        SV       0     .03     .48
6239        SQ       0       0     162
6240        SE  1023.3  1023.5    1024

6241        KK   D279D
6242        KM        DIVERT FROM CP279D TO CP294
6243        DT   1D294
6244        DI       0       0     162     500    1000
6245        DQ       0       0     160     490     980
```



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


6246        KK   R279D
6247        KM        ROUTE REMAINDER FROM CP279D TO CP279C
6248        RS       2              -1
6249        RC    .075    .035    .035     900    .011
6250        RX    1000    1001    1130    1520    1860    1875    1899    1900
6251        RY    1025    1025    1024    1022    1022    1024    1025    1025

6252        KK    279C
6253        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279C
6254        BA     .05
6255        LG     .50     .00    3.57     .37     .00
6256        UI      7.     24.     38.     51.     80.     64.     47.     33.     17.     11.
6257        UI      7.      2.      2.      2.      0.      0.      0.      0.      0.      0.
6258        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6259        KK  CP279C
6260        KM        ADD HYDROGRAPHS AT CP279C
6261        HC       2   24.32
```

```
6262        KK  SR279C
6263        KM        STORAGE ROUTE THROUGH CP279C
6264        RS       1    STOR       0       0
6265        SV       0    3.41   13.27
6266        SQ       0      89    1095
6267        SE  1020.4  1022.5    1024

6268        KK   D279C
6269        KM        DIVERT FROM CP279C TO CP294
6270        DT   2D294
6271        DI       0      89    1095
6272        DQ       0      89     140

6273        KK   R279C
6274        KM        ROUTE REMAINDER FROM CP279C TO CP279B
6275        RS       1              -1
6276        RC    .075    .035    .035     840   .0024
6277        RX    1000    1001    1130    1520    1860    1875    1899    1900
6278        RY    1025    1025    1024    1022    1022    1024    1025    1025

6279        KK    279B
6280        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279B
6281        BA     .03
6282        LG     .50     .00    3.60     .46     .00
6283        UI      4.     15.     24.     33.     50.     38.     27.     19.      9.      6.
6284        UI      3.      1.      1.      1.      0.      0.      0.      0.      0.      0.
6285        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6286        KK  CP279B
6287        KM        ADD HYDROGRAPHS AT CP279B
6288        HC       2   24.32
```



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


6289        KK  SR279B
6290        KM        STORAGE ROUTE THROUGH CP279B
6291        RS       1    STOR       0       0
6292        SV       0     .14     .22    1.12
6293        SQ       0      10     195    2221
6294        SE  1017.2    1020  1020.5    1022

6295        KK   D279B
6296        KM        DIVERT FROM CP279B TO CP294A
6297        DT  1D294A
6298        DI       0      10     195    2221
6299        DQ       0      10      11      15

6300        KK   R279B
6301        KM        ROUTE REMAINDER FROM CP279B TO CP279A
6302        RS      12              -1
6303        RC    .075    .035    .035    1540   .0023
6304        RX    1000    1001    1130    1520    1860    1875    1899    1900
6305        RY    1025    1025    1024    1022    1022    1024    1025    1025

6306        KK    279A
6307        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279A
6308        BA     .07
6309        LG     .50     .00    3.53     .47     .00
6310        UI      7.     17.     34.     44.     55.     81.     84.     63.     49.     38.
```

```
6311        UI     26.     13.     11.      7.      3.      2.      2.      2.      0.      0.
6312        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6313        KK  CP279A
6314        KM        ADD HYDROGRAPHS AT CP279A
6315        HC       2   24.42

6316        KK  SR279A
6317        KM        STORAGE ROUTE THROUGH CP279A
6318        RS       1    STOR       0       0
6319        SV       0    1.04    2.16    7.97   22.91
6320        SQ       0      22      79     177     453
6321        SE  1012.5 1014.93    1016    1017    1018

6322        KK   D279A
6323        KM        DIVERT FROM CP279A TO CP294A
6324        DT  2D294A
6325        DI       0      22      79     177     453
6326        DQ       0      22      79     177     258

6327        KK   R279A
6328        KM        ROUTE REMAINDER FROM CP279A TO CP279
6329        RS       3              -1
6330        RC    .075    .035    .035    1515   .0023
6331        RX    1000    1001    1130    1520    1860    1875    1899    1900
6332        RY    1025    1025    1024    1022    1022    1024    1025    1025
```



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

6333        KK     279
6334        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279
6335        BA     .05
6336        LG     .50     .00    3.96     .42     .00
6337        UI      7.     26.     40.     56.     84.     63.     45.     30.     14.      9.
6338        UI      5.      2.      2.      2.      0.      0.      0.      0.      0.      0.
6339        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6340        KK   1I279
6341        KM        ADD HYDROGRAPHS AT CP279
6342        HC       2   24.47

6343        KK    D262
6344        KM        RETURN DIVERT AT CP262
6345        DR   DI263

6346        KK    R262
6347        KM        ROUTE FLOW FROM CP262 TO CP263
6348        RS       4              -1
6349        RC    .075    .035    .035    2640   .0027
6350        RX    1000    1001    1300    1820    1860    1870    1879    1880
6351        RY    1056    1056    1054    1052    1052    1054    1055    1055

6352        KK     263
6353        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 263
6354        BA     .50
6355        LG     .50     .00    3.78     .47     .00
6356        UI     22.     22.     22.     44.     76.     91.    105.    118.    127.    139.
6357        UI    156.    170.    199.    244.    285.    256.    221.    197.    180.    165.
6358        UI    147.    133.    119.    107.     94.     74.     58.     39.     38.     36.
6359        UI     35.     22.     22.     22.     14.      7.      7.      7.      7.      7.
```

```
6360        UI     7.     7.     7.     7.     7.     7.     0.     0.     0.     0.
6361        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

6362        KK   CP263
6363        KM       ADD HYDROGRAPHS AT CP263
6364        HC     2   19.07

6365        KK    D263
6366        KM       DIVERT FROM CP263 TO CP278
6367        DT   2D278
6368        DI     0    922   2066  25246
6369        DQ     0    653   1253  17563

6370        KK    R263
6371        KM       ROUTE REMAINDER FROM CP263 TO CP264
6372        RS     4             -1
6373        RC   .075   .035   .035   1900   .0037
6374        RX   1000   1001   1320   1710   1990   1993   1994   1995
6375        RY   1050   1050   1048   1046   1046   1047   1047   1047
```



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


6376        KK    D249
6377        KM       RETURN DIVERT AT CP249
6378        DR   DI264

6379        KK    R249
6380        KM       ROUTE FLOW FROM CP249 TO CP264
6381        RS     9             -1
6382        RC   .075   .035   .035   5280   .0044
6383        RX   1000   1001   1002   1020   1040   1060   1130   2030
6384        RY   1057   1057   1057   1056   1056   1057   1056   1059

6385        KK     264
6386        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 264
6387        BA    .50
6388        LG    .50    .00   3.80    .52    .00
6389        UI    23.    23.    23.    58.    84.   103.   117.   130.   141.   158.
6390        UI   177.   200.   254.   296.   275.   235.   209.   190.   172.   152.
6391        UI   137.   121.   110.    92.    67.    46.    41.    38.    38.    25.
6392        UI    23.    23.    14.     7.     7.     7.     7.     7.     7.     7.
6393        UI     7.     7.     7.     0.     0.     0.     0.     0.     0.     0.
6394        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

6395        KK   1I264
6396        KM       ADD HYDROGRAPHS AT CP264
6397        HC     2   29.34

6398        KK   CP264
6399        KM       ADD HYDROGRAPHS AT CP264
6400        HC     2   30.87

6401        KK    R264
6402        KM       ROUTE REMAINDER FROM CP264 TO CP278
6403        RS    18             -1
6404        RC    .05   .075   .075   5280   .0047
6405        RX   1000   1045   1120   1200   1580   1630   1649   1650
6406        RY   1027   1026   1027   1026   1026   1028   1029   1029

6407        KK    D262
```

```
6408        KM       RETURN DIVERT AT CP262
6409        DR   1D278

6410        KK    R262
6411        KM       ROUTE FLOW FROM CP262 TO CP278
6412        RS     28              -1
6413        RC   .075    .075    .075   10140   .0038
6414        RX   1000    1001    1002    1030    1500    1528    1529    1530
6415        RY   1050    1039    1039    1038    1038    1039    1039    1050

6416        KK    D263
6417        KM       RETURN DIVERT AT CP263
6418        DR   2D278
```



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


6419        KK    R263
6420        KM       ROUTE FLOW FROM CP263 TO CP278
6421        RS     19              -1
6422        RC    .05    .075    .075    7300   .0044
6423        RX   1000    1045    1120    1200    1580    1630    1649    1650
6424        RY   1027    1026    1027    1026    1026    1028    1029    1029

6425        KK   1I278
6426        KM       ADD HYDROGRAPHS AT CP278
6427        HC       2   19.07

6428        KK   2I278
6429        KM       ADD HYDROGRAPHS AT CP278
6430        HC       2   30.87

6431        KK     278
6432        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 278
6433        BA    1.00
6434        LG     .42     .13    3.55     .39    2.00
6435        UI     36.     36.     36.     36.    100.    129.    150.    173.    188.    203.
6436        UI    219.    235.    260.    280.    309.    362.    433.    483.    429.    379.
6437        UI    342.    315.    294.    272.    245.    226.    208.    187.    174.    153.
6438        UI    124.    105.     66.     65.     62.     60.     60.     37.     36.     36.
6439        UI     36.     18.     11.     11.     11.     11.     11.     11.     11.     11.
6440        UI     11.     11.     11.     11.     11.      0.      0.      0.      0.      0.
6441        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6442        KK   CP278
6443        KM       ADD HYDROGRAPHS AT CP278
6444        HC       2   31.87

6445        KK    R278
6446        KM       ROUTE REMAINDER FROM CP278 TO CP279
6447        RS       3              -1
6448        RC   .035    .035    .075    1850   .0022
6449        RX   1000    1001    1002    1030    1200    1430    1549    1550
6450        RY   1017    1017    1017    1016    1016    1018    1019    1019

6451        KK   CP279
6452        KM       ADD HYDROGRAPHS AT CP279
6453        HC       2   36.14

6454        KK   SR279
6455        KM       STORAGE ROUTE THROUGH CP279
```

```
6456        RS      1    STOR      0      0
6457        SV      0     .08    .59   1.16   2.25    7.5  13.25
6458        SQ      0      36    131    457   1087   3812   5907
6459        SE 1009.2    1012   1014 1014.5   1015   1016 1016.5
```



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


6460        KK   D279
6461        KM       DIVERT FLOW FROM CP279 TO CP294A
6462        DT  3D294A
6463        DI      0      36    131    457   1087   3812   5907
6464        DQ      0      36    131    306    562   1438   2092

6465        KK   R279
6466        KM       ROUTE REMAINDER FROM CP279 TO CP280
6467        RS      3              -1      0
6468        RC    .04     .04    .03   2700  .0012
6469        RX   1000    1200   1500   1550   1650   1690   1760   1800
6470        RY   1016    1012   1011 1010.6 1010.6   1012   1020   1028

6471        KK    280
6472        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 280
6473        BA    .61
6474        LG    .50     .00   3.62    .46    .00
6475        UI    22.     22.    22.    22.    55.    76.    87.   102.   111.   120.
6476        UI   128.    138.   150.   165.   178.   206.   248.   280.   271.   237.
6477        UI   213.    195.   181.   170.   153.   141.   130.   119.   108.   101.
6478        UI    85.     67.    56.    39.    39.    36.    36.    33.    22.    22.
6479        UI    22.     22.     9.     7.     7.     7.     7.     7.     7.     7.
6480        UI     7.      7.     7.     7.     7.     7.     0.     0.     0.     0.
6481        UI     0.      0.     0.     0.     0.     0.     0.     0.     0.     0.

6482        KK   D281
6483        KM       RETURN DIVERT AT CP281
6484        DR  DI280

6485        KK   R281
6486        KM       ROUTE DIVERT AT CP281 TO CP280
6487        RS      1              -1      0
6488        RC    .07     .05    .07    380  .0039
6489        RX   1000    1001   1060   1080   1120   1170   1320   2010
6490        RY   1010    1010   1008 1007.5 1007.5   1008   1009   1010

6491        KK  1I280
6492        KM       ADD HYDROGRAPHS AT CP280
6493        HC      2   36.47

6494        KK  CP280
6495        KM       ADD HYDROGRAPHS AT CP280
6496        HC      2   43.77

6497        KK  SR280
6498        KM       STORAGE ROUTE THROUGH CP280
6499        RS      1    STOR      0      0
6500        SV      0     .28  58.73  98.67
6501        SQ      0     106    676   3050
6502        SE   1007    1008   1010   1012
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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6503        KK    R280
6504        KM        ROUTE FLOW FROM CP280 TO CP280A
6505        RS     10              -1
6506        RC    .06     .06     .06    2400   .0002
6507        RX   1000    1050    1090    1120    1410    1498    1499    1500
6508        RY   1026    1020    1010    1008    1008  1008.5  1008.5    1012

6509        KK    280A
6510        KM        RUNOFF HYDROGRAPH FROM CP280A
6511        BA    .06
6512        LG    .50     .00    3.68     .48     .00
6513        UI     4.      4.      9.     15.     18.     21.     24.     28.     34.     45.
6514        UI    47.     38.     32.     28.     24.     21.     18.     13.      9.      7.
6515        UI     6.      5.      4.      3.      1.      1.      1.      1.      1.      1.
6516        UI     1.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6517        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6518        KK  CP280A
6519        KM        ADD HYDROGRAPHS AT CP280A
6520        HC      2   43.83

6521        KK  SR280A
6522        KM        STORAGE ROUTE THROUGH CP280A
6523        RS      1    STOR       0       0
6524        SV      0    6.24   21.77   28.91
6525        SQ      0       0       0     726
6526        SE 1007.4  1008.0  1008.7    1009

6527        KK   R280A
6528        KM        ROUTE FLOW FROM CP280A TO CP296
6529        RS     44              -1
6530        RC   .075    .075    .075    5460   .0040
6531        RX   1000    1001    1002    1250    2250    2648    2649    2650
6532        RY    997     997     997     996     996     997     997     997

6533        KK    296
6534        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 296
6535        BA    .81
6536        LG    .49     .02    3.55     .43     .00
6537        UI    38.     38.     38.     99.    140.    172.    194.    215.    235.    263.
6538        UI   292.    340.    422.    497.    437.    376.    336.    305.    274.    243.
6539        UI   219.    192.    173.    136.    104.     67.     66.     63.     56.     38.
6540        UI    38.     38.     13.     12.     12.     12.     12.     12.     12.     12.
6541        UI    12.     12.      0.      0.      0.      0.      0.      0.      0.      0.
6542        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6543        KK   CP296
6544        KM        ADD HYDROGRAPHS AT CP296
6545        HC      3   44.76
```



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

6546        KK    R296
6547        KM        ROUTE FLOW FROM CP296 TO CP312
6548        RS     10              -1
6549        RC   .075     .03    .075    6280   .0037
6550        RX   1000    1001    1190    1620    1640    1660    1900    2620
6551        RY   1077    1077    1076    1074    1074    1075    1074    1075
```

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6552        KK    312
6553        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 312
6554        BA    .66
6555        LG    .50     .00    3.60     .44     .00
6556        UI    28.     28.     28.     47.     93.    110.    130.    143.    157.    170.
6557        UI   187.    208.    230.    274.    335.    359.    307.    270.    244.    224.
6558        UI   206.    183.    167.    150.    135.    120.     96.     77.     49.     49.
6559        UI    45.     45.     32.     28.     28.     27.      8.      8.      8.      8.
6560        UI     8.      8.      8.      8.      8.      8.      8.      8.      0.      0.
6561        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6562        KK   CP312
6563        KM       ADD HYDROGRAPHS AT CP312
6564        HC      2   45.42

6565        KK    R312
6566        KM       ROUTE FLOW FROM CP312 TO CP331
6567        RS     27              -1
6568        RC   .075    .075    .075    6240   .0043
6569        RX   1000    1001    1002    1240    1920    2118    2119    2120
6570        RY    951     951     951     950     950     951     951     951

6571        KK    331
6572        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 331
6573        BA    .75
6574        LG    .46     .02    3.55     .46    2.00
6575        UI    33.     33.     33.     66.    114.    136.    157.    176.    190.    209.
6576        UI   233.    255.    298.    365.    427.    384.    331.    296.    270.    248.
6577        UI   220.    199.    179.    160.    142.    112.     87.     58.     57.     54.
6578        UI    53.     33.     33.     33.     22.     10.     10.     10.     10.     10.
6579        UI    10.     10.     10.     10.     10.     10.      0.      0.      0.      0.
6580        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6581        KK   1I331
6582        KM       ADD HYDROGRAPHS AT CP331
6583        HC      2   46.17

6584        KK    295A
6585        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 295A
6586        BA    .06
6587        LG    .32     .34    3.54     .30    3.00
6588        UI    25.     75.    140.    117.     66.     25.     10.      4.      0.      0.
6589        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

6590        KK   R295A
6591        KM       ROUTE FLOW FROM CP295A TO CP311A
6592        RS     16              -1
6593        RC   .075    .035    .035    5280   .0049
6594        RX   1000    1001    1270    2180    2195    2210    2229    2230
6595        RY    981     981     980     978     978     980     981     981

6596        KK    311A
6597        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 311A
6598        BA    .31
6599        LG    .50     .00    4.09     .42     .00
6600        UI    16.     16.     18.     55.     67.     79.     89.     99.    112.    125.
6601        UI   151.    192.    207.    171.    148.    133.    119.    104.     92.     80.
```

```
6602        UI     69.     51.     35.     29.     27.     25.     16.     16.     14.      5.
6603        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
6604        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6605        KK  CP311A
6606        KM        ADD HYDROGRAPHS AT CP311A
6607        HC       2     .37

6608        KK   R311A
6609        KM        ROUTE FLOW FROM CP311A TO CP331
6610        RS      12              -1
6611        RC    .075    .035    .035    5280   .0051
6612        RX    1000    1001    1002    1130    1710    1720    1749    1750
6613        RY     955     955     955     954     954     956     957     957

6614        KK   CP331
6615        KM        ADD HYDROGRAPHS AT CP331
6616        HC       2   46.54

6617        KK    D279
6618        KM        RETURN DIVERT AT CP279
6619        DR  3D294A

6620        KK    R279
6621        KM        ROUTE FLOW FROM CP279 TO CP294A
6622        RS       5              -1
6623        RC     .03     .03     .03    2340   .0017
6624        RX    1000    1001    1002    1040    1670    1940    1999    2000
6625        RY    1050    1011    1011    1010    1010    1012    1013    1050

6626        KK    294A
6627        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 294A
6628        BA     .26
6629        LG     .35     .35    3.58     .29     .00
6630        UI     36.    126.    200.    275.    425.    331.    242.    169.     83.     54.
6631        UI     33.     11.     11.     11.      0.      0.      0.      0.      0.      0.
6632        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


6633        KK  1I294A
6634        KM        ADD HYDROGRAPHS AT CP294A
6635        HC       2    36.4

6636        KK   D279B
6637        KM        RETURN DIVERT AT CP279B
6638        DR  1D294A

6639        KK   R279B
6640        KM        ROUTE FLOW FROM CP279B TO CP294A
6641        RS      15              -1       0
6642        RC     .03     .03     .03    2340   .0047
6643        RX    1000    1001    1002    1090    1400    1620    1870    1970
6644        RY    1012  1011.5    1011    1010    1010    1012    1014    1015

6645        KK  2I294A
6646        KM        ADD HYDROGRAPHS AT CP294A
6647        HC       2    36.4

6648        KK   D279A
```

```
6649        KM        RETURN DIVERT AT CP279A
6650        DR  2D294A

6651        KK   R279A
6652        KM        ROUTE FLOW FROM CP279A TO CP294A
6653        RS       6              -1       0
6654        RC     .03     .03     .03    1700   .0035
6655        RX    1000    1001    1002    1090    1400    1620    1870    1970
6656        RY    1012  1011.5    1011    1010    1010    1012    1014    1015

6657        KK  CP294A
6658        KM        ADD HYDROGRAPHS AT CP294A
6659        HC       2    36.4

6660        KK  SR294A
6661        KM        STORAGE ROUTE BEHIND ROOSEVELT AT CP294A
6662        RS       1    STOR       0       0
6663        SV       0    3.78    5.29    57.3
6664        SQ       0       0      46   16968
6665        SE  1006.7  1007.8    1008    1010

6666        KK   R294A
6667        KM        ROUTE FLOW FROM CP294A TO CP295
6668        RS       2              -1       0
6669        RC    .025    .022    .025    3430   .0047
6670        RX    1000    1001    1060    1120    1190    1220    1240    1270
6671        RY    1104    1103    1102    1101    1101    1102    1104    1106

6672        KK     295
6673        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 295
6674        BA     .31
6675        LG     .35     .35    3.51     .28     .00
6676        UI     40.    124.    209.    277.    423.    429.    311.    228.    154.     75.
6677        UI     54.     33.     12.     12.     12.      0.      0.      0.      0.      0.
```



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

6678        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6679        KK   CP295
6680        KM        ADD HYDROGRAPHS AT CP295
6681        HC       2   36.71

6682        KK    R295
6683        KM        ROUTE FLOW FROM CP295 TO CP311
6684        RS       5              -1
6685        RC     .03     .03    .075    5280   .0049
6686        RX    1000    1001    1002    1025    1040    1370    2149    2150
6687        RY     987     987     987     986     986     988     990     990

6688        KK     311
6689        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 311
6690        BA     .73
6691        LG     .50     .00    3.75     .44     .00
6692        UI     27.     27.     27.     27.     77.     97.    113.    128.    140.    152.
6693        UI    163.    177.    195.    210.    236.    283.    328.    353.    307.    272.
6694        UI    247.    228.    213.    194.    177.    162.    148.    135.    125.    105.
6695        UI     81.     66.     48.     48.     44.     44.     36.     27.     27.     27.
6696        UI     22.      8.      8.      8.      8.      8.      8.      8.      8.      8.
6697        UI      8.      8.      8.      8.      0.      0.      0.      0.      0.      0.
6698        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
6699        KK   CP311
6700        KM        ADD HYDROGRAPHS AT CP311
6701        HC       2   37.44

6702        KK    R311
6703        KM        ROUTE FLOW FROM CP311 TO CP330
6704        RS       5              -1
6705        RC    .030    .030     .06    5280   .0051
6706        RX    1000    1001    1002    1030    1030    1140    1350    1470
6707        RY     947     947     947     946     946     948     950     952

6708        KK     330
6709        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 330
6710        BA     .59
6711        LG     .39     .08    3.59     .43    6.00
6712        UI     33.     33.     54.    118.    148.    173.    194.    219.    251.    295.
6713        UI    381.    427.    351.    302.    269.    236.    205.    178.    157.    118.
6714        UI     83.     59.     56.     52.     33.     33.     24.     10.     10.     10.
6715        UI     10.     10.     10.     10.     10.      0.      0.      0.      0.      0.
6716        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6717        KK   1I330
6718        KM        ADD HYDROGRAPHS AT CP330
6719        HC       2   38.03
```



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


6720        KK   CP330
6721        KM        ADD HYDROGRAPHS AT CP330 INCLUDING HYDROGRAPH AT CP331
6722        HC       2   48.59

6723        KK    R330
6724        KM        ROUTE FLOW FROM CP330 TO CP346A
6725        RS       4              -1
6726        RC    .075    .035    .075    4500   .0045
6727        RX    1000    1200    1500    1675    1780    2300    2650    3250
6728        RY     936     934     932     930     930     932     934     936

6729        KK    346A
6730        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 346A
6731        BA     .16
6732        LG     .50     .00    3.67     .46     .00
6733        UI      7.      7.      7.     18.     27.     32.     37.     41.     45.     49.
6734        UI     55.     62.     78.     92.     90.     76.     67.     61.     56.     49.
6735        UI     44.     40.     35.     30.     23.     17.     13.     12.     12.      9.
6736        UI      7.      7.      6.      2.      2.      2.      2.      2.      2.      2.
6737        UI      2.      2.      2.      0.      0.      0.      0.      0.      0.      0.
6738        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6739        KK  CP346A
6740        KM        ADD HYDROGRAPHS AT CP346A
6741        HC       2   48.59

6742        KK   D346A
6743        KM        DIVERT FLOW AT CP346A TO CP346B
6744        DT  DI346C
6745        DI       0     530    1173    4502    9188
6746        DQ       0     530    1088    3758    7301
```

```
6747        KK   R346A
6748        KM        ROUTE REMAINDER FROM CP346A TO CP347
6749        RS     20              -1
6750        RC   .075    .035    .035    3500   .0009
6751        RX   1000    1001    1520    2090    2210    2228    2229    2230
6752        RY    914     914     912     910     910     911     911     911

6753        KK   D285B
6754        KM        RETURN DIVERT AT CP285B
6755        DR   DI297

6756        KK   R285B
6757        KM        ROUTE FLOW FROM CP285B TO CP297
6758        RS     24              -1
6759        RC   .075    .075    .075    4210   .0040
6760        RX   1000    1001    1002    1500    2200    2658    2659    2660
6761        RY    998     998     998     996     996     998     998     998
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


6762        KK    297
6763        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 297
6764        BA    .38
6765        LG    .50     .00    3.50     .47     .00
6766        UI    16.     16.     16.     27.     54.     64.     75.     83.     91.     98.
6767        UI   108.    120.    133.    159.    195.    206.    176.    155.    140.    129.
6768        UI   118.    105.     96.     86.     77.     69.     55.     43.     28.     28.
6769        UI    26.     26.     18.     16.     16.     15.      5.      5.      5.      5.
6770        UI     5.      5.      5.      5.      5.      5.      5.      0.      0.      0.
6771        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6772        KK   CP297
6773        KM        ADD HYDROGRAPHS AT CP297
6774        HC      2   36.69

6775        KK   SR297
6776        KM        STORAGE ROUTE THROUGH CP297
6777        RS      1    STOR       0       0
6778        SV      0   12.78   129.9  397.18  596.18  803.38  825.63
6779        SQ      0       0       0       0       0       0     555
6780        SE  932.9     940     960     980     990   999.1  1000.0

6781        KK    R297
6782        KM        ROUTE FLOW FROM CP297 TO CP313
6783        RS      7              -1
6784        RC    .07     .03     .07    5930   .0040
6785        RX   1000    1001    1270    1510    1710    2218    2219    2220
6786        RY    982     982     980     978     978     980     980     980

6787        KK    313
6788        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 313
6789        BA    .43
6790        LG    .50     .00    3.50     .47     .00
6791        UI    17.     17.     17.     21.     56.     64.     77.     85.     93.    100.
6792        UI   109.    121.    131.    148.    181.    209.    219.    187.    166.    151.
6793        UI   139.    129.    115.    105.     96.     86.     80.     67.     51.     40.
6794        UI    30.     30.     28.     28.     18.     17.     17.     17.      5.      5.
6795        UI     5.      5.      5.      5.      5.      5.      5.      5.      5.      5.
6796        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6797        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
6798        KK   CP313
6799        KM        ADD HYDROGRAPHS AT CP313
6800        HC       2   37.12

6801        KK    R313
6802        KM        ROUTE FLOW FROM CP313 TO CP332
6803        RS      14              -1
6804        RC    .075    .035    .035    6000   .0042
6805        RX    1000    1070    1390    1560    1870    1888    1889    1890
6806        RY     965     964     962     960     960     961     961     961
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


6807        KK     332
6808        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 332
6809        BA     .56
6810        LG     .46     .03     .37     .44    2.00
6811        UI     23.     23.     23.     33.     75.     88.    106.    116.    126.    137.
6812        UI    149.    166.    180.    210.    255.    296.    272.    237.    211.    193.
6813        UI    179.    162.    146.    134.    119.    109.     95.     75.     60.     40.
6814        UI     40.     37.     37.     26.     23.     23.     23.      8.      7.      7.
6815        UI      7.      7.      7.      7.      7.      7.      7.      7.      7.      0.
6816        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6817        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6818        KK   CP332
6819        KM        ADD HYDROGRAPHS AT CP332
6820        HC       2   37.68

6821        KK    R332
6822        KM        ROUTE FLOW FROM CP332 TO CP347
6823        RS      19              -1
6824        RC    .075     .06    .075    5770   .0062
6825        RX    1000    1001    1070    1300    2000    2150    2169    2170
6826        RY     942     942     940     938     938     940     942     942

6827        KK     347
6828        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 347
6829        BA    1.02
6830        LG     .46     .03    3.76     .44    2.00
6831        UI     45.     45.     45.     96.    158.    190.    218.    245.    264.    290.
6832        UI    326.    357.    422.    517.    592.    511.    445.    399.    366.    332.
6833        UI    295.    267.    238.    215.    185.    141.    104.     80.     77.     74.
6834        UI     62.     45.     45.     45.     17.     14.     14.     14.     14.     14.
6835        UI     14.     14.     14.     14.     14.      0.      0.      0.      0.      0.
6836        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6837        KK   1I347
6838        KM        ADD HYDROGRAPHS AT CP347
6839        HC       2    38.7

6840        KK   2I347
6841        KM        ADD HYDROGRAPHS AT CP347
6842        HC       2   52.64

6843        KK    D348
6844        KM        RETURN DIVERT AT CP348
6845        DR   DI347
```

```
6846        KK    R348
6847        KM        ROUTE FLOW FROM CP348 TO CP347
6848        RS       7              -1       0
6849        RC    .035    .035     .07    2000   .0003
6850        RX    1000    1001    1002    1130    1260    1500    1919    1920
6851        RY   911.8   911.8   911.8   908.8   908.8     910     911     912
```



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


6852        KK   CP347
6853        KM        ADD HYDROGRAPHS AT CP347
6854        HC       2   52.98

6855        KK   SR347
6856        KM        STORAGE ROUTE THROUGH CP347
6857        RS       1    STOR       0       0
6858        SV       0     .04      .1     .12     .26   58.75  156.65
6859        SQ       0      11      14      23     370    7710   38388
6860        SE   904.4   905.2   905.5     906   908.1     910   911.2

6861        KK    R347
6862        KM        ROUTE FLOW FROM CP347 TO CP362
6863        RS       9              -1
6864        RC    .075    .075    .075    2650   .0026
6865        RX    1000    1001    1002    1300    2040    2628    2629    2630
6866        RY     903     903     903     902     902     904     904     904

6867        KK   CP362
6868        KM        ADD HYDROGRAPHS AT CP362
6869        HC       2   119.1

6870        KK   SR362
6871        KM        STORAGE ROUTE THROUGH CP362
6872        RS       1    STOR       0       0
6873        SV       0    1.34   39.55   47.85   76.85  115.71
6874        SQ       0       0       0      47     761   10373
6875        SE   899.1     900   901.8     902   902.5   903.5

6876        KK    R362
6877        KM        ROUTE FLOW FROM CP362 TO CP378
6878        RS      20              -1
6879        RC    .075    .075    .075    6400   .0017
6880        RX    1000    1001    1002    1200    2950    2978    2979    2980
6881        RY     925     897     897     896     896     897     897     925

6882        KK     378
6883        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 378
6884        BA     .78
6885        LG     .50     .00    4.16     .77     .00
6886        UI     26.     26.     26.     26.     48.     86.     99.    115.    126.    137.
6887        UI    146.    156.    167.    183.    197.    212.    244.    294.    322.    337.
6888        UI    295.    264.    242.    225.    210.    197.    180.    165.    154.    141.
6889        UI    129.    121.    103.     84.     74.     46.     46.     45.     43.     43.
6890        UI     33.     26.     26.     26.     26.      9.      8.      8.      8.      8.
6891        UI      8.      8.      8.      8.      8.      8.      8.      8.      8.      8.
6892        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6893        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

```
6894        KK   CP378
6895        KM        ADD HYDROGRAPHS AT CP378
6896        HC       2  119.88

6897        KK    D223
6898        KM        RETURN DIVERT AT CP223
6899        DR   DI225

6900        KK    R223
6901        KM        ROUTE DIVERT FROM CP223 TO CP225
6902        RS      13              -1       0
6903        RC     .07     .035     .07    5680   .0028
6904        RX     515      790     960     990    1010    1070    1225    1300
6905        RY      74       70      69      68      68      72      74      76

6906        KK     225
6907        KM        RUNOFF FROM SUBBASIN 225
6908        BA     .43
6909        LG     .30      .33    3.63     .31    4.00
6910        UI     39.      67.    156.    206.    250.    311.    448.    450.    347.    284.
6911        UI    227.     179.    112.     68.     59.     39.     25.     12.     12.     12.
6912        UI     12.      12.      0.      0.      0.      0.      0.      0.      0.      0.
6913        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

6914        KK   1I225
6915        KM        ADD HYDROGRAPHS AT CP225
6916        HC       2     .43

6917        KK    225A
6918        KM        RUNOFF FROM SUBBASIN 225A
6919        BA     .37
6920        LG     .35      .35    3.91     .25     .00
6921        UI     38.      82.    169.    219.    275.    386.    456.    340.    271.    210.
6922        UI    153.      82.     64.     41.     28.     12.     12.     12.     12.      0.
6923        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
6924        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

6925        KK   CP225
6926        KM        ADD HYDROGRAPHS AT CP225
6927        HC       2     .80

6928        KK   SR225
6929        KM        STORAGE ROUTE THROUGH LITCHFIELD PARK DETENTION FACILITY
6930        RS       1    STOR       0       0
6931        SV       0     .15    4.51   15.36   32.82   74.75  118.94  130.82  143.56  173.50
6932        SQ       0       2       7      15      43      82     110     116    1359    6554
6933        SE  1058.8    1059    1060    1061    1062    1064    1066  1066.5    1067    1068

6934        KK    R225
6935        KM        ROUTE REMAINDER FROM CP225 TO CP242
6936        RS      11              -1       0
6937        RC     .06     .03     .06    6480   .0033
6938        RX     800     930     955     995    1005    1020    1360    1525
6939        RY    1064    1060    1058    1057    1057    1058    1060    1064
```



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

6940        KK     242
```

```
6941        KM        RUNOFF FROM SUBBASIN 242
6942        BA    1.14
6943        LG     .35      .35     3.76      .31      .00
6944        UI     80.      80.     231.     342.     419.     482.     568.     680.     927.     974.
6945        UI    774.     661.     564.     477.     398.     316.     198.     141.     132.      92.
6946        UI     80.      49.      25.      25.      25.      25.      25.      25.       0.       0.
6947        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

6948        KK   1I242
6949        KM        ADD HYDROGRAPHS AT CP242
6950        HC       2    1.94

6951        KK    242A
6952        KM        RUNOFF FROM SUBBASIN 242A
6953        BA     .09
6954        LG     .35      .35     4.25      .39      .00
6955        UI     42.     128.     232.     165.      81.      30.      10.       7.       0.       0.
6956        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

6957        KK   R242A
6958        KM        ROUTE FLOW FROM CP242A TO CP242
6959        RS       4                -1        0
6960        RC     .04     .022      .04     5240    .0036
6961        RX     970      975      980     1000     1020     1040     1045     1050
6962        RY    1056     1056     1055     1050     1050     1055     1056     1056

6963        KK   CP242
6964        KM        ADD HYDROGRAPHS AT CP242.
6965        HC       2    2.03

6966        KK    R242
6967        KM        ROUTE FLOWS FROM CP242 TO CP243B
6968        RS       1                -1        0
6969        RC     .04     .022      .04     1500    .0036
6970        RX     970      975      980     1000     1030     1050     1055     1060
6971        RY    1045     1045     1044     1039     1039     1044     1045     1045

6972        KK    243B
6973        KM        RUNOFF FROM SUBBASIN 243B
6974        BA     .07
6975        LG     .50      .00     4.04      .42      .00
6976        UI      4.       4.      10.      18.      22.      25.      29.      34.      41.      55.
6977        UI     53.      43.      38.      33.      28.      24.      20.      15.       9.       8.
6978        UI      7.       5.       4.       3.       1.       1.       1.       1.       1.       1.
6979        UI      1.       0.       0.       0.       0.       0.       0.       0.       0.       0.
6980        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

6981        KK  CP243B
6982        KM        ADD HYDROGRAPHS AT CP243B
6983        HC       2    2.10
```



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


6984        KK   R243B
6985        KM        ROUTE FLOWS FROM CP243B TO CP243A
6986        RS       1                -1        0
6987        RC     .04     .022      .04       50    .0036
6988        RX     970      975      980     1000     1030     1050     1055     1060
6989        RY    1044     1044     1043     1038     1038     1043     1044     1044
```

```
6990        KK    243A
6991        KM        RUNOFF FROM SUBBASIN 243A
6992        BA     .22
6993        LG     .37      .15     4.14      .39     5.00
6994        UI     22.      42.      91.     118.     147.     192.     268.     211.     169.     134.
6995        UI    106.      69.      38.      33.      22.      13.      7.       7.       7.       7.
6996        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
6997        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

6998        KK  CP243A
6999        KM        ADD HYDROGRAPHS AT CP243A
7000        HC       2    2.32

7001        KK   R243A
7002        KM        ROUTE FLOWS FROM CP243A TO CP243
7003        RS       2              -1       0
7004        RC     .04     .022     .04     3700    .0036
7005        RX     960      970     980     1000     1040     1060     1065     1070
7006        RY    1035     1035    1034     1029     1029     1034     1035     1035

7007        KK     227
7008        KM        RUNOFF FROM SUBBASIN 227
7009        BA     .23
7010        LG     .32      .34     3.77      .33     3.00
7011        UI     34.     132.     200.     294.     397.     277.     195.     117.      58.      36.
7012        UI     14.      10.      10.       0.       0.       0.       0.       0.       0.       0.
7013        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7014        KK    R227
7015        KM        ROUTE FLOWS FROM CP227 TO CP229
7016        RS       6              -1       0
7017        RC     .02     .045     .07     4400    .0061
7018        RX    1000     1010    1020     1040     1055     1150     1275     1325
7019        RY  1050.9   1050.5  1050.5     1050     1050     1052     1054     1056

7020        KK     228
7021        KM        RUNOFF FROM SUBBASIN 228
7022        BA     .28
7023        LG     .35      .36     3.58      .29      .00
7024        UI     34.      96.     172.     224.     319.     402.     293.     222.     164.      91.
7025        UI     57.      37.      20.      10.      10.      10.       0.       0.       0.       0.
7026        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
```



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

7027        KK    R228
7028        KM        ROUTE FLOWS FROM CP228 TO CP229
7029        RS       5              -1       0
7030        RC     .02     .045     .07     3550    .0061
7031        RX    1000     1010    1020     1040     1055     1150     1275     1325
7032        RY  1050.9   1050.5  1050.5     1050     1050     1052     1054     1056

7033        KK     229
7034        KM        RUNOFF FROM SUBBASIN 229
7035        BA     .51
7036        LG     .33      .34     4.11      .37     2.00
7037        UI     86.     338.     507.     805.     853.     577.     387.     174.     107.      51.
7038        UI     25.      25.       0.       0.       0.       0.       0.       0.       0.       0.
7039        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
```

```
7040        KK   CP229
7041        KM       ADD HYDROGRAHS AT CP229
7042        HC       3    1.02

7043        KK    D229
7044        KM       DIVERT FLOW FROM CP229 TO CP230
7045        DT   1D230
7046        DI       0     612    1224    2470    3990    4952
7047        DQ       0     133     265     750    1379    2121

7048        KK    D229
7049        KM       DIVERT FLOW FROM CP229 TO CP231
7050        DT   DI231
7051        DI       0     523    1047    1970    3071    3538
7052        DQ       0     133     265     750    1379    2121

7053        KK    R229
7054        KM       ROUTE REMAINDER FROM CP229 TO CP230A
7055        RS       4              -1       0
7056        RC     .03    .035     .07    2100   .0011
7057        RX    1000    1005    1010    1020    1040    1050    1060    1140
7058        RY    1047    1047  1046.5    1046    1046    1047    1048    1050

7059        KK    230A
7060        KM       RUNOFF FROM SUBBASIN 230A
7061        BA     .18
7062        LG     .35     .35    4.03     .36     .00
7063        UI     54.    177.    293.    390.    243.    133.     55.     25.     11.     11.
7064        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7065        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7066        KK  CP230A
7067        KM       ADD HYDROGRAPHS AT CP230A
7068        HC       2    1.20
```



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


7069        KK   D230A
7070        KM       DIVERT FLOW FROM CP230A TO CP230
7071        DT   2D230
7072        DI       0      26     221     743    1717    3247    5429
7073        DQ       0      17     190     653    1515    2867    4799

7074        KK   R230A
7075        KM       ROUTE REMAINDER FROM CP230A TO CP244A
7076        RS      10              -1       0
7077        RC     .07    .045     .07    1400  .00043
7078        RX    1000    1005    1010    1040    1110    1150    1275    1400
7079        RY    1046    1046    1046  1043.5    1044    1046    1047    1048

7080        KK    244A
7081        KM       RUNOFF FROM SUBBASIN 244A
7082        BA     .31
7083        LG     .35     .35    4.08     .36     .00
7084        UI     78.    267.    414.    654.    451.    288.    123.     69.     24.     18.
7085        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7086        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7087        KK  CP244A
7088        KM       ADD HYDROGRAPHS AT CP244A
```

```
7089        HC      2    1.51

7090        KK   R244A
7091        KM       ROUTE FLOWS FROM CP244A TO CP244
7092        RS      5              -1       0
7093        RC    .05     .05     .05    1650  .00625
7094        RX   1000    1200    1400    1700    2175    3000    3160    3300
7095        RY   1040    1039    1038    1036    1036    1038    1039    1040

7096        KK    244
7097        KM       RUNOFF FROM SUBBASIN 244
7098        BA    .19
7099        LG    .50     .00    3.69     .43     .00
7100        UI    15.     15.     52.     70.     84.     99.    119.    163.    182.    142.
7101        UI   120.     99.     82.     67.     46.     26.     25.     18.     15.      7.
7102        UI     5.      5.      5.      5.      5.      0.      0.      0.      0.      0.
7103        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7104        KK   1I244
7105        KM       ADD AHYDROGRAPHS AT CP244
7106        HC      2    1.70

7107        KK    D229
7108        KM       RETURN DIVERT AT CP229
7109        DR   1D230
```



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


7110        KK    R229
7111        KM       ROUTE FLOW FROM CP229 TO CP230
7112        RS      2              -1       0
7113        RC    .02    .045     .06    1850    .005
7114        RX    980     985     990    1000    1020    1040    1100    1150
7115        RY   1044  1043.5  1043.5    1042    1042    1044  1044.5    1045

7116        KK    230
7117        KM       RUNOFF FROM SUBBASIN 230
7118        BA    .04
7119        LG    .50     .00    3.55     .47     .00
7120        UI     5.     13.     24.     31.     43.     57.     43.     33.     24.     15.
7121        UI     8.      6.      4.      1.      1.      1.      0.      0.      0.      0.
7122        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7123        KK   1I230
7124        KM       ADD HYDROGRAPHS AT CP230
7125        HC      2    1.06

7126        KK   D230A
7127        KM       RETURN DIVERT AT  CP230A
7128        DR   2D230

7129        KK   R230A
7130        KM       ROUTE FLOW FROM CP230A TO CP230
7131        RS      1              -1       0
7132        RC    .05    .035     .03    1000   .0091
7133        RX   1000    1005    1010    1020    1040    1060    1100    1300
7134        RY   1041  1040.5  1040.5    1040    1040  1040.5    1038  1040.5

7135        KK   CP230
7136        KM       ADD HYDROGRAPHS AT CP230
```

```
7137        HC      2    1.24

7138        KK    R230
7139        KM        ROUTE FLOW FROM CP230 TO CP244
7140        RS      2              -1       0
7141        RC    .03     .04     .05    1450   .0027
7142        RX   1000    1010    1020    1030    1050    1110    1250    1475
7143        RY 1034.5    1034    1034  1032.5  1032.5    1034    1035    1036

7144        KK   CP244
7145        KM        ADD HYDROGRAPHS AT CP244
7146        HC      2    1.74

7147        KK    D244
7148        KM        DIVERT FLOW FROM CP244 TO CP245
7149        DT   DI245
7150        DI      0       4      20      37     409    1849    4296
7151        DQ      0       0       0       0     354    1750    4133
1                                          HEC-1 INPUT                                                    PAGE164

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


7152        KK    R244
7153        KM        ROUTE REMAINDER FROM CP244 TO CP243
7154        RS      5              -1       0
7155        RC   .025    .035     .06    2800   .0016
7156        RX   1000    1015    1020    1025    1035    1040    1060    1080
7157        RY 1032.3    1032    1032    1031    1031    1032    1034  1034.5

7158        KK     243
7159        KM        RUNOFF FROM SUBBASIN 243
7160        BA     .24
7161        LG     .40     .22    4.30     .26     .00
7162        UI     25.     58.    115.    148.    188.    276.    289.    216.    170.    131.
7163        UI     89.     46.     38.     25.     12.      8.      8.      8.      8.      0.
7164        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7165        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7166        KK   1I243
7167        KM        ADD HYDROGRAPHS AT CP243
7168        HC      2    1.98

7169        KK   CP243
7170        KM        ADD HYDROGRAPHS AT CP243
7171        HC      2     4.3

7172        KK    R243
7173        KM        ROUTE FLOWS FROM CP243 TO CP245
7174        RS      1              -1       0
7175        RC    .04    .022     .04    3200   .0036
7176        RX    960     970     980    1000    1060    1080    1090    1100
7177        RY   1023  1022.5    1022    1017    1017    1022  1022.5    1023

7178        KK    D229
7179        KM        RETURN DIVERT AT CP229
7180        DR   DI231

7181        KK    R229
7182        KM        ROUTE FLOW FROM CP229 TO CP231
7183        RS      7              -1       0
7184        RC    .07     .05     .07    2400    .002
```

```
7185        RX   1000    1010    1040    1075    1110    1340    1600    1830
7186        RY 1038.5    1038    1036    1035    1035    1036    1038  1038.5

7187        KK    231
7188        KM       RUNOFF FROM SUBBASIN 231
7189        BA    .35
7190        LG    .37     .31    3.61     .79     .00
7191        UI    34.     65.    143.    186.    230.    299.    422.    339.    271.    215.
7192        UI   170.    115.     61.     54.     34.     22.     10.     10.     10.     10.
7193        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7194        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE165

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


7195        KK   CP231
7196        KM       ADD HYDROGRAPHS AT CP231
7197        HC      2    1.37

7198        KK    R231
7199        KM       ROUTE FLOW FROM CP231 TO CP245
7200        RS     19              -1       0
7201        RC    .07     .05     .07    6300    .002
7202        RX   1000    1010    1040    1075    1110    1310    1600    1830
7203        RY 1032.5    1032    1030    1029    1029    1030    1032  1032.5

7204        KK    245
7205        KM       RUNOFF FROM SUBBASIN 245
7206        BA    .40
7207        LG    .47     .07    3.88     .89     .00
7208        UI    16.     16.     16.     24.     54.     63.     76.     83.     91.     98.
7209        UI   108.    119.    130.    152.    184.    214.    193.    168.    151.    138.
7210        UI   128.    115.    104.     96.     84.     78.     67.     52.     41.     29.
7211        UI    28.     27.     27.     18.     16.     16.     15.      5.      5.      5.
7212        UI     5.      5.      5.      5.      5.      5.      5.      5.      5.      0.
7213        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7214        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7215        KK    D244
7216        KM       RETURN DIVERT AT CP244
7217        DR   DI245

7218        KK    R244
7219        KM       ROUTE FLOW FROM CP244 TO CP245
7220        RS     11              -1       0
7221        RC    .07     .05     .07    5300    .002
7222        RX   1000    1010    1040    1075    1110    1340    1600    1830
7223        RY 1032.5    1032    1030    1029    1029    1030    1032  1032.5

7224        KK   1I245
7225        KM            ADD HYDROGRAPHS AT CP245
7226        HC      3    2.14

7227        KK   CP245
7228        KM       ADD HYDROGRAPHS AT CP245
7229        HC      2    5.05

7230        KK  DR228A
7231        KM       RETREIVE RIVER ROUTED HYDROGRAPH FROM EARLIER IN PROGRAM
7232        DR  DR228A
```

```
7233        KK  RCP245
7234        KM       ADD HYDROGRAPHS AT CP245
7235        HC       2   73.82
```



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

7236        KK   RR245
7237        KM       RIVER ROUTE RCP245 TO RCP258
7238        RS       3              -1       0
7239        RC    .035    .035    .035    2800   .0025
7240        RX    1000    1001    1002    1042    2042    2082    2083    2084
7241        RY    1051    1051    1051    1035    1035    1051    1051    1051

7242        KK     258
7243        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 258
7244        BA     .38
7245        LG     .37     .29    3.99     .58     .00
7246        UI     36.     68.    152.    198.    243.    313.    449.    373.    297.    237.
7247        UI    187.    133.     72.     60.     39.     29.     11.     11.     11.     11.
7248        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7249        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7250        KK   SR258
7251        KM       STORAGE ROUTE CP258 BEHIND DIKE
7252        RS       1    STOR       0       0
7253        SV       0   19.92   134.9   400.5   799.6  1272.6  1673.8  1874.5
7254        SQ       0       0       0       0       0       0       0    3377
7255        SE     967     970     980     990    1000    1010    1017    1020

7256        KK  RCP258
7257        KM       ADD HYDROGRAPHS AT CP258
7258        HC       2    74.2

7259        KK   RR258
7260        KM       RIVER ROUTE FROM RCP258 TO RCP272
7261        RS       7              -1       0
7262        RC    .035    .035    .035    4500   .0025
7263        RX    1000    1001    1002    1042    2042    2082    2083    2084
7264        RY    1015    1015    1015    1000    1000    1015    1015    1015

7265        KK    258A
7266        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 258A
7267        BA     .12
7268        LG     .35     .35    4.22     .39     .00
7269        UI     16.     54.     88.    119.    187.    157.    115.     83.     45.     27.
7270        UI     16.      7.      5.      5.      0.      0.      0.      0.      0.      0.
7271        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7272        KK   D258A
7273        KM       DIVERT FROM CP258A TO CP272
7274        DT   DI272
7275        DI       0      39     236    1644
7276        DQ       0      39     187    1186

7277        KK   D258A
7278        KM       DIVERT FROM CP258A TO CP259
7279        DT   DI259
7280        DI       0       0      49     458
7281        DQ       0       0      33     169
```

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

7282          KK   R258A
7283          KM        ROUTE REMAINDER FROM CP258A TO CP271C
7284          RS      9              -1
7285          RC    .025    .025    .025    2180   .0041
7286          RX    1000    1040    1150    1200    1300    1328    1329    1330
7287          RY    1019    1018    1016    1015    1015    1016    1016    1016

7288          KK     257
7289          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 257
7290          BA     .34
7291          LG     .50     .00    5.82     .24     .00
7292          UI     12.     12.     12.     12.     27.     40.     46.     55.     59.     65.
7293          UI     69.     74.     80.     88.     93.    106.    127.    144.    156.    136.
7294          UI    122.    111.    102.     96.     89.     81.     74.     69.     62.     57.
7295          UI     53.     45.     34.     27.     21.     21.     20.     20.     17.     12.
7296          UI     12.     12.     12.      5.      4.      4.      4.      4.      4.      4.
7297          UI      4.      4.      4.      4.      4.      4.      4.      0.      0.      0.
7298          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7299          KK    D257
7300          KM        DIVERT FROM CP257 TO CP256
7301          DT   DI256
7302          DI      0      56    1308
7303          DQ      0       0     922

7304          KK    R257
7305          KM        ROUTE REMAINDER FROM CP257 TO CP271B
7306          RS     33              -1
7307          RC    .05    .075    .075    4520   .0022
7308          RX    1000    1120    1240    1470    2010    2038    2039    2040
7309          RY    1026    1024    1022    1020    1020    1021    1021    1021

7310          KK    271B
7311          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271B
7312          BA     .15
7313          LG     .46     .11    3.61     .45     .00
7314          UI      8.      8.     12.     29.     35.     42.     47.     52.     60.     68.
7315          UI     88.    105.     93.     79.     70.     62.     54.     48.     41.     35.
7316          UI     26.     17.     14.     14.     11.      8.      8.      5.      3.      3.
7317          UI      3.      3.      3.      3.      3.      3.      0.      0.      0.      0.
7318          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7319          KK  CP271B
7320          KM        ADD HYDROGRAPHS AT CP271B
7321          HC      2     .49

7322          KK   R271B
7323          KM        ROUTE FLOW FROM CP271B TO CP271C
7324          RS      7              -1
7325          RC    .025    .025    .025    3590   .0022
7326          RX    1000    1040    1150    1200    1300    1328    1329    1330
7327          RY    1019    1018    1016    1015    1015    1016    1016    1016
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

7328          KK    271C
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7329        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271C
7330        BA     .18
7331        LG     .35      .35     3.90      .34      .00
7332        UI     32.     122.     184.     297.     296.     201.     131.      58.      36.      15.
7333        UI      9.       9.       0.       0.       0.       0.       0.       0.       0.       0.
7334        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7335        KK  1I271C
7336        KM        ADD HYDROGRAPHS AT CP271C
7337        HC       2     .67

7338        KK  CP271C
7339        KM        ADD HYDROGRAPHS AT CP271C
7340        HC       2     .79

7341        KK  SR271C
7342        KM        STORAGE ROUTE CP271C
7343        RS       1    STOR       0       0
7344        SV       0     .15    5.23   20.11   27.05   30.97
7345        SQ       0       0       0       0       0     205
7346        SE     999    1000    1005    1010  1011.4    1012

7347        KK   R271C
7348        KM        ROUTE FLOW FROM CP271C TO CP272
7349        RS       3              -1       0
7350        RC     .04     .04     .04     570    .002
7351        RX    1000    1001    1020    1100    1590    1598    1599    1600
7352        RY    1010    1010    1008    1006    1006    1008    1010    1010

7353        KK   D258A
7354        KM        RETURN DIVERT AT CP258A
7355        DR   DI259

7356        KK   R258A
7357        KM        ROUTE FLOW FROM CP258A TO CP259
7358        RS       4              -1
7359        RC     .03    .025    .025    1300   .0054
7360        RX    1000    1001    1002    1250    1390    1418    1419    1420
7361        RY    1017    1017    1017    1016    1016  1016.5  1016.5  1016.5

7362        KK     259
7363        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 259
7364        BA     .20
7365        LG     .35      .35     3.93      .59      .00
7366        UI     35.     135.     203.     328.     330.     224.     146.      65.      40.      18.
7367        UI     10.      10.       0.       0.       0.       0.       0.       0.       0.       0.
7368        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
```



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

7369        KK   CP259
7370        KM        ADD HYDROGRAPHS AT CP259
7371        HC       2     .32

7372        KK   SR259
7373        KM        STORAGE ROUTE CP259 BEHIND INDIAN SCHOOL ROAD
7374        RS       1    STOR       0       0
7375        SV       0    3.98   43.83  130.22  190.44  243.82  300.38
7376        SQ       0       0       0       0       0       0     651
7377        SE    1009    1010    1012    1014    1015  1015.2    1016
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7378        KK    R259
7379        KM        ROUTE FLOW FROM CP259 TO CP272
7380        RS       1              -1       0
7381        RC     .04      .04     .04     980     .015
7382        RX    1000     1001    1090    1110     1300    1328    1329    1330
7383        RY    1004     1004    1000     996      996    1000    1000    1000

7384        KK   D258A
7385        KM        RETURN DIVERT AT CP258A
7386        DR   DI272

7387        KK   R258A
7388        KM        ROUTE FLOW FROM CP258A TO CP272
7389        RS       5              -1       0
7390        RC     .04      .04     .04    1600     .019
7391        RX    1000     1001    1002    1030     1320    1329    1330    1340
7392        RY  1019.5     1019    1019    1018     1018    1020    1020    1020

7393        KK   1I272
7394        KM        ADD HYDROGRAPHS AT CP272
7395        HC       2     .32

7396        KK     272
7397        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 272
7398        BA     .20
7399        LG     .35      .35    3.88     .62     .00
7400        UI     30.     122.    183.    276.    345.    235.    164.     87.     48.     28.
7401        UI      9.       9.      9.      0.      0.      0.      0.      0.      0.      0.
7402        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

7403        KK   2I272
7404        KM        ADD HYDROGRAPHS AT CP272
7405        HC       2     .52

7406        KK   CP272
7407        KM        ADD HYDROGRAPHS AT CP272
7408        HC       2    1.19
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


7409        KK   SR272
7410        KM        STORAGE ROUTE CP272 BEHIND DIKE
7411        RS       1    STOR       0       0
7412        SV       0    6.05   27.55    51.2     128  1065.4 1132.58 1239.28
7413        SQ       0       0       0       0       0       0       0    1196
7414        SE     960     970     980     990    1000    1010  1010.8    1012

7415        KK  RCP272
7416        KM        ADD HYDROGRAPHS AT CP272
7417        HC       2   75.39

7418        KK   RR272
7419        KM        RIVER ROUTE FROM RCP272 TO RCP290
7420        RS       4              -1       0
7421        RC    .035     .035    .035    3400   .0025
7422        RX    1000     1001    1002    1042    2042    2082    2083    2084
7423        RY    1009     1009    1009     994     994    1009    1009    1009

7424        KK     290
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7425        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 290
7426        BA     .55
7427        LG     .47      .07     4.26      .65      .00
7428        UI     36.      36.      87.     143.     177.     204.     234.     272.     338.     452.
7429        UI    410.     336.     292.     251.     216.     182.     151.     105.      63.      60.
7430        UI     53.      36.      36.      14.      11.      11.      11.      11.      11.      11.
7431        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
7432        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7433        KK   SR290
7434        KM        STORAGE ROUTE CP290 BEHIND THE AGUA FRIA RIVER DIKE
7435        RS       1    STOR       0       0
7436        SV       0    1.12    2.67    6.94   17.54   77.94
7437        SQ       0     112     122     130     867   13222
7438        SE   991.0   995.5     996   996.4     997     999

7439        KK    D290
7440        KM        DIVERT FLOW FROM CP290 TO CP291
7441        DT   DI291
7442        DI       0     112     122     130     867   13222
7443        DQ       0       0       0       0     725   13080

7444        KK  RCP290
7445        KM        ADD HYDROGRAPHS IN AGUA FRIA RIVER AT RIVER CONCENTRATION POINT RCP290
7446        HC       2   75.94

7447        KK   RR290
7448        KM        RIVER ROUTE RCP290 TO RCP287E
7449        RS      10              -1       0
7450        RC    .035    .035    .035    8700   .0018
7451        RX    1000    1001    1002    1042    2042    2082    2083    2084
7452        RY     999     999     999     984     984     999     999     999
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


7453        KK    D290
7454        KM        RETURN DIVERT AT CP290
7455        DR   DI291

7456        KK    R290
7457        KM        ROUTE DIVERT FROM CP290 TO CP291
7458        RS      48              -1       0
7459        RC    .075    .075    .075    6240   .0026
7460        RX    1000    1001    1002    1160    2330    2350    2359    2360
7461        RY     990     989     989     988     988     990     992     992

7462        KK     291
7463        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 291
7464        BA     .99
7465        LG     .50      .00     4.01      .94      .00
7466        UI     37.      37.      37.      37.     109.     134.     156.     177.     194.     210.
7467        UI    225.     245.     270.     290.     332.     406.     454.     475.     409.     366.
7468        UI    332.     308.     288.     259.     236.     218.     198.     180.     164.     136.
7469        UI    106.      77.      65.      64.      61.      61.      41.      37.      37.      37.
7470        UI     19.      11.      11.      11.      11.      11.      11.      11.      11.      11.
7471        UI     11.      11.      11.       0.       0.       0.       0.       0.       0.       0.
7472        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7473        KK   CP291
7474        KM        ADD HYDROGRAPHS AT CP291
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7475        HC      2    1.54

7476        KK   SR291
7477        KM        STORAGE ROUTE CP291 BEHIND MCDOWELL ROAD
7478        RS      1    STOR       0       0
7479        SV      0       0      .4    8.44   48.26  135.42  178.77   286.6
7480        SQ      0       3      42     126     129     261     294     984
7481        SE    978     979     980     982     984     986   986.7     988

7482        KK    R291
7483        KM        ROUTE FLOW FROM CP291 TO CP287E
7484        RS      9              -1
7485        RC   .035    .035    .075    2180   .0009
7486        RX   1000    1001    1002    1020    1260    1470    1530    1760
7487        RY    990     990     990     984     984     986     988     989

7488        KK    287E
7489        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287E
7490        BA    .20
7491        LG    .50     .00    3.69     .54     .00
7492        UI    15.     15.     48.     67.     81.     94.    112.    145.    187.    158.
7493        UI   130.    111.     92.     77.     62.     38.     26.     24.     17.     15.
7494        UI     7.      5.      5.      5.      5.      5.      5.      0.      0.      0.
7495        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


7496        KK  CP287E
7497        KM        ADD HYDROGRAPHS AT CP287E
7498        HC      2    1.74

7499        KK  SR287E
7500        KM        STORAGE ROUTE AT CP287E BEHIND I-10
7501        RS      1    STOR       0       0
7502        SV      0    3.03   35.23   85.43  192.71  248.66
7503        SQ      0       0       0      19      58     717
7504        SE  981.4     982   984.1   986.1   989.1   990.1

7505        KK   D287E
7506        KM        DIVERT FLOW THROUGH 1-36" PIPE UNDER I-10
7507        DT   DI302
7508        DI      0      19      58     717   13580
7509        DQ      0      19      58      65      70

7510        KK  RC287E
7511        KM        ADD HYDROGRAPHS IN AGUA FRIA AT RCP287E
7512        HC      2   77.13

7513        KK  RR287E
7514        KM        RIVER ROUTE RC287E TO RCP302
7515        RS      3              -1       0
7516        RC   .035    .035    .035    3200   .0026
7517        RX   1000    1001    1002    1042    2042    2082    2083    2084
7518        RY    990     990     990     974     974     990     990     990

7519        KK     254
7520        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 254
7521        BA    .59
7522        LG    .40     .15    3.67     .35     .00
7523        UI    43.     43.    134.    190.    230.    267.    317.    394.    538.    478.
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7524        UI    389.    334.    279.    234.    193.    136.     78.     72.     58.     43.
7525        UI     33.     13.     13.     13.     13.     13.     13.      0.      0.      0.
7526        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7527        KK    R254
7528        KM        ROUTE FLOW FROM CP254 TO CP269
7529        RS      25              -1
7530        RC    .075    .075    .075    5150   .0031
7531        RX    1000    1001    1002    1050    1950    2268    2269    2270
7532        RY    1021    1021    1021    1020    1020    1021    1021    1021

7533        KK     269
7534        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 269
7535        BA     .66
7536        LG     .50     .00    4.44     .39     .00
7537        UI     32.     32.     32.     90.    119.    149.    165.    183.    202.    228.
7538        UI    253.    303.    380.    410.    343.    299.    269.    244.    215.    192.
7539        UI    170.    152.    128.     94.     64.     56.     52.     52.     32.     32.
7540        UI     32.     14.     10.     10.     10.     10.     10.     10.     10.     10.
7541        UI     10.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7542        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


7543        KK   CP269
7544        KM        ADD HYDROGRAPHS AT CP269
7545        HC       2    1.25

7546        KK   SR269
7547        KM        STORAGE ROUTE CP269 BEHIND ROOSEVELT CANAL
7548        RS       1    STOR       0       0
7549        SV       0    14.3   80.44  103.22  154.24
7550        SQ       0       0       0     625    7172
7551        SE  1008.5    1010  1011.9  1012.3  1013.0

7552        KK    R269
7553        KM        ROUTE FLOW FROM CP269 TO CP288A
7554        RS      50              -1
7555        RC    .075    .075    .075    6400   .0033
7556        RX    1000    1001    1002    1300    2400    2898    2899    2900
7557        RY    1001    1001    1001    1000    1000    1001    1001    1001

7558        KK    288A
7559        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 288A
7560        BA     .83
7561        LG     .50     .00    8.48     .12     .00
7562        UI     30.     30.     30.     30.     77.    104.    120.    140.    152.    164.
7563        UI    176.    190.    207.    226.    245.    286.    340.    390.    365.    320.
7564        UI    288.    264.    246.    230.    208.    190.    176.    160.    147.    135.
7565        UI    114.     87.     71.     53.     53.     49.     49.     41.     30.     30.
7566        UI     30.     28.      9.      9.      9.      9.      9.      9.      9.      9.
7567        UI      9.      9.      9.      9.      9.      0.      0.      0.      0.      0.
7568        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7569        KK  CP288A
7570        KM        ADD HYDROGRAPHS AT CP288A
7571        HC       2    2.08

7572        KK   R288A
7573        KM        ROUTE FLOW FROM CP288A TO CP287A
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7574        RS      9              -1       0
7575        RC    .06     .06     .06    2350   .0017
7576        RX   1000    1001    1002    1160    1950    2128    2129    2130
7577        RY  991.5     991     991     990     990     991     991   991.5

7578        KK    287A
7579        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287A
7580        BA     .34
7581        LG     .50     .00    7.63     .18     .00
7582        UI     19.     19.     31.     68.     86.    100.    112.    127.    145.    172.
7583        UI    222.    246.    202.    174.    155.    135.    118.    102.     90.     67.
7584        UI     47.     34.     32.     29.     19.     19.     13.      6.      6.      6.
7585        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
7586        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE174

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


7587        KK  CP287A
7588        KM        ADD HYDROGRAPHS AT CP287A
7589        HC       2    2.42

7590        KK  SR287A
7591        KM        STORAGE ROUTE CP287A IN I-10 DETENTION BASIN
7592        RS       1    STOR       0       0
7593        SV       0   14.44   60.06   374.5  423.01  438.91
7594        SQ       0       7      55      55      55     329
7595        SE   975.7     978     980     988   988.8     990

7596        KK   R287A
7597        KM        ROUTE FLOW FROM CP287A TO CP287B
7598        RS       7              -1       0
7599        RC    .035    .035    .035    1200    .001
7600        RX    1000    1001    1050    1060    1660    1760    1780    1800
7601        RY     988     988     980     978     978     980     986     988

7602        KK    288B
7603        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 288B
7604        BA     .26
7605        LG     .50     .00    7.90     .16     .00
7606        UI      9.      9.      9.      9.     21.     31.     35.     42.     45.     49.
7607        UI     52.     56.     61.     67.     71.     81.     97.    110.    120.    104.
7608        UI     93.     85.     78.     73.     68.     62.     57.     53.     48.     44.
7609        UI     40.     34.     26.     21.     16.     16.     15.     15.     13.      9.
7610        UI      9.      9.      9.      4.      3.      3.      3.      3.      3.      3.
7611        UI      3.      3.      3.      3.      3.      3.      3.      0.      0.      0.
7612        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7613        KK   R288B
7614        KM        ROUTE FLOW FROM CP288B TO CP287B
7615        RS      14              -1       0
7616        RC     .06     .06     .06    2200    .002
7617        RX    1000    1001    1002    1040    2090    2098    2099    2100
7618        RY   991.5     991     991     990     990     991     991   991.5

7619        KK    287B
7620        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287B
7621        BA     .10
7622        LG     .50     .00    6.82     .26     .00
7623        UI      9.     14.     35.     46.     55.     68.     95.    108.     82.     68.
7624        UI     55.     44.     31.     17.     15.     10.      8.      3.      3.      3.
```

```
7625        UI     3.     3.     0.     0.     0.     0.     0.     0.     0.     0.
7626        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

7627        KK  1I287B
7628        KM        ADD HYDROGRAPHS AT CP287B
7629        HC      2     .36
```



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


7630        KK  CP287B
7631        KM        ADD HYDROGRAPHS AT CP287B
7632        HC      2    2.78

7633        KK  SR287B
7634        KM        STORAGE ROUTE CP287B IN I-10 DETENTION BASIN
7635        RS      1    STOR       0       0
7636        SV      0   17.05   38.57  132.52   143.0
7637        SQ      0       2      60     800     953
7638        SE  974.6     978     980   987.3     988

7639        KK   R287B
7640        KM        ROUTE FLOW FROM CP287B TO CP287C
7641        RS     13              -1       0
7642        RC   .035    .035    .035    2450    .001
7643        RX   1000    1001    1030    1050    1670    1690    1719    1720
7644        RY    986     986     980     978     978     980     986     986

7645        KK    D257
7646        KM        RETURN DIVERT AT CP257
7647        DR   DI256

7648        KK    R257
7649        KM        ROUTE DIVERT FROM CP257 TO CP256
7650        RS     12              -1       0
7651        RC   .035    .035    .075    2680   .0018
7652        RX   1000    1001    1002    1010    1540    1858    1859    1860
7653        RY  1025.5   1025    1025    1024    1024    1025    1025  1025.5

7654        KK     256
7655        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 256
7656        BA     .43
7657        LG     .50     .00    5.84     .30     .00
7658        UI     20.     20.     20.     47.     71.     86.     98.    108.    119.    132.
7659        UI    147.    165.    205.    244.    244.    206.    182.    165.    150.    133.
7660        UI    120.    107.     96.     83.     64.     47.     35.     34.     32.     27.
7661        UI     20.     20.     19.      6.      6.      6.      6.      6.      6.      6.
7662        UI      6.      6.      6.      6.      0.      0.      0.      0.      0.      0.
7663        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7664        KK   CP256
7665        KM        ADD HYDROGRAPHS AT CP256
7666        HC      2     .90

7667        KK    D256
7668        KM        DIVERT FROM CP256 TO CP271A
7669        DT  DI271A
7670        DI      0      98    1231    8218
7671        DQ      0      64     794    4308
```

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

7672          KK    R256
7673          KM        ROUTE REMAINDER FROM CP256 TO CP255
7674          RS      6              -1
7675          RC    .03     .03    .075    1700   .0012
7676          RX   1000    1001    1002    1020    1080    1600    1689    1690
7677          RY   1023    1023    1023    1022    1022    1024    1025    1025

7678          KK     255
7679          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 255
7680          BA    .94
7681          LG    .15     .22    3.88     .29   12.00
7682          UI   143.    570.    858.   1293.   1621.   1109.    772.    412.    228.    132.
7683          UI    44.     44.     44.      0.      0.      0.      0.      0.      0.      0.
7684          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7685          KK   CP255
7686          KM        ADD HYDROGRAPHS AT CP255
7687          HC      2    1.84

7688          KK    R255
7689          KM        ROUTE FLOW FROM CP255 TO CP271
7690          RS     21              -1
7691          RC   .075    .075    .075    4950   .0012
7692          RX   1000    1001    1002    1200    1490    1830    2029    2030
7693          RY   1015    1015    1015  1014.5  1014.5    1016    1017    1017

7694          KK     271
7695          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271
7696          BA    .57
7697          LG    .50     .00    5.47     .30     .00
7698          UI    22.     22.     22.     22.     71.     81.     96.    106.    119.    126.
7699          UI   137.    150.    165.    179.    212.    253.    290.    259.    228.    204.
7700          UI   188.    174.    160.    144.    132.    120.    109.    100.     83.     63.
7701          UI    48.     39.     38.     36.     36.     23.     22.     22.     22.      9.
7702          UI     7.      7.      7.      7.      7.      7.      7.      7.      7.      7.
7703          UI     7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
7704          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7705          KK   1I271
7706          KM        ADD HYDROGRAPHS AT CP271
7707          HC      2    2.41

7708          KK    D256
7709          KM        RETURN DIVERT AT CP256
7710          DR  DI271A

7711          KK    R256
7712          KM        ROUTE FLOW FROM CP256 TO CP271A
7713          RS      6              -1
7714          RC   .075     .03     .03    2550   .0020
7715          RX   1000    1001    1200    1860    1880    1888    1889    1890
7716          RY   1021    1021    1020    1018    1018    1019    1019    1019
```



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

7717          KK   271A
7718          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271A
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```
7719        BA     .16
7720        LG     .50     .00    4.93     .39     .00
7721        UI      6.      6.      6.      6.     16.     21.     24.     28.     30.     33.
7722        UI     35.     38.     42.     45.     50.     59.     70.     78.     68.     60.
7723        UI     55.     50.     47.     43.     39.     36.     33.     30.     28.     24.
7724        UI     19.     16.     10.     10.     10.     10.      9.      6.      6.      6.
7725        UI      6.      2.      2.      2.      2.      2.      2.      2.      2.      2.
7726        UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
7727        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7728        KK  CP271A
7729        KM        ADD HYDROGRAPHS AT CP271A
7730        HC       2     .59

7731        KK  SR271A
7732        KM        STORAGE ROUTE FLOW AT CP271A
7733        RS       1    STOR       0       0
7734        SV       0     .06    0.97    1.51
7735        SQ       0       7     247     460
7736        SE  1017.9    1018  1018.3  1018.4

7737        KK   R271A
7738        KM        ROUTE FLOW FROM CP271A TO CP271
7739        RS      29              -1
7740        RC    .075    .075    .075    4290   .0009
7741        RX    1000    1001    1002    1200    1490    1830    2029    2030
7742        RY    1015    1015    1015  1014.5  1014.5    1016    1017    1017

7743        KK   CP271
7744        KM        ADD HYDROGRAPHS AT CP271
7745        HC       2    2.57

7746        KK   SR271
7747        KM        STORAGE ROUTE CP271 BEHIND ROOSEVELT CANAL
7748        RS       1    STOR       0       0
7749        SV       0    1.81   23.69   27.98   35.45   40.01   44.57   49.13   53.69
7750        SQ       0       0       0       0     384     658    1104    1621    2243
7751        SE  1008.1    1010    1014  1014.3  1014.6  1014.7  1014.8  1014.9  1015.0

7752        KK    D271
7753        KM        DIVERT FROM CP271 TO CP289
7754        DT   DI289
7755        DI       0     384     658    1104    1621    2243
7756        DQ       0     384     625    1101    1450    1980

7757        KK    R271
7758        KM        ROUTE REMAINDER FROM CP271 TO CP270
7759        RS      10              -1
7760        RC     .04     .04     .04    2300   .0009
7761        RX    1000    1001    1015    1090    1180    1230    1289    1290
7762        RY    1015    1015    1014    1013    1013    1014    1016    1016
```



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

7763        KK    254A
7764        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 254A
7765        BA     .22
7766        LG     .12     .19    5.82     .21   20.00
7767        UI     79.    248.    444.    456.    271.    115.     56.     15.     14.      0.
7768        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
7769        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7770        KK   R254A
7771        KM       ROUTE FLOW FROM CP254A TO CP270
7772        RS     11              -1
7773        RC    .05     .05     .05    4450   .0025
7774        RX   1000    1001    1002    1180    1310    1398    1399    1400
7775        RY   1050    1017    1017    1016    1016    1017    1017    1050

7776        KK    270
7777        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 270
7778        BA    .30
7779        LG    .16     .22    3.58     .38   18.00
7780        UI    41.    141.    226.    307.    481.    387.    283.    201.    104.     65.
7781        UI    41.     13.     13.     13.      0.      0.      0.      0.      0.      0.
7782        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7783        KK   1I270
7784        KM       ADD HYDROGRAPHS AT CP270
7785        HC      2     .52

7786        KK   CP270
7787        KM       ADD HYDROGRAPHS AT CP270
7788        HC      2    3.09

7789        KK   SR270
7790        KM       STORAGE ROUTE CP270 BEHIND ROOSEVELT CANAL
7791        RS      1    STOR       0       0
7792        SV      0    2.24    7.75   12.85   26.73
7793        SQ      0       0       0     470    3830
7794        SE  1011.4    1012  1012.5  1012.8  1013.5

7795        KK    R270
7796        KM       ROUTE FLOW FROM CP270 TO CP289
7797        RS     38              -1
7798        RC    .07     .07     .07    7920   .0028
7799        RX   1000    1001    1002    1170    2120    2208    2209    2210
7800        RY   1003    1003    1003    1002    1002    1003    1003    1003

7801        KK    D271
7802        KM       RETURN DIVERT AT CP271
7803        DR   DI289
```



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


7804        KK    R271
7805        KM       ROUTE FLOW FROM CP271 TO CP289
7806        RS     30              -1
7807        RC    .07     .07     .07    8250   .0028
7808        RX   1000    1001    1002    1170    2120    2208    2209    2210
7809        RY   1003    1003    1003    1002    1002    1003    1003    1003

7810        KK   1I289
7811        KM       ADD HYDROGRAPHS AT CP289
7812        HC      2    3.09

7813        KK    289
7814        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 289
7815        BA   1.00
7816        LG    .50     .00    7.20     .21     .00
```

```
7817        UI    26.    26.    26.    26.    26.    32.    86.    91.   101.   116.
7818        UI   125.   132.   142.   148.   156.   165.   176.   188.   199.   209.
7819        UI   231.   261.   305.   322.   349.   315.   286.   264.   246.   231.
7820        UI   219.   209.   197.   183.   172.   162.   153.   142.   132.   126.
7821        UI   119.   101.    87.    76.    61.    46.    46.    46.    43.    43.
7822        UI    43.    34.    26.    26.    26.    26.    26.    14.     8.     8.
7823        UI     8.     8.     8.     8.     8.     8.     8.     8.     8.     8.
7824        UI     8.     8.     8.     8.     8.     8.     0.     0.     0.     0.
7825        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

7826        KK   CP289
7827        KM        ADD HYDROGRAPHS AT CP289
7828        HC      2    4.09

7829        KK    R289
7830        KM        ROUTE REMAINDER FROM CP289 TO CP287C
7831        RS     10              -1      0
7832        RC    .06    .06    .06    3150   .0035
7833        RX   1000   1001   1002   1230   2180   2188   2189   2190
7834        RY  991.5    991    991    990    990    991    991  991.5

7835        KK    287C
7836        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287C
7837        BA    .23
7838        LG    .50    .00   9.74    .09    .00
7839        UI    16.    16.    44.    67.    82.    94.   111.   131.   176.   199.
7840        UI   159.   135.   116.    98.    82.    68.    46.    28.    26.    21.
7841        UI    16.    13.     5.     5.     5.     5.     5.     5.     5.     0.
7842        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
7843        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

7844        KK  1I287C
7845        KM        ADD HYDROGRAPHS AT CP287C
7846        HC      2    4.32
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


7847        KK  CP287C
7848        KM        ADD HYDROGRAPHS AT CP287C
7849        HC      2    7.10

7850        KK  SR287C
7851        KM        STORAGE ROUTE CP287C IN AN I-10 DETENTION BASIN
7852        RS      1    STOR      0      0
7853        SV      0   37.15  141.31  425.75  453.25  562.86
7854        SQ      0       6     460     460     460     657
7855        SE  972.5     976     980     988   988.6     990

7856        KK   R287C
7857        KM        ROUTE FLOW FROM CP287C TO CP287D
7858        RS      7              -1      0
7859        RC   .035    .035    .035    2150   .0009
7860        RX   1000    1001    1040    1060    1670    1700    1740    1800
7861        RY    988     988     980     974     974     980     986     990

7862        KK    289A
7863        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 289A
7864        BA    .50
7865        LG    .50    .00    4.63    .39    .00
7866        UI    20.    20.    20.    31.    68.    80.    96.   105.   114.   124.
```

```
7867        UI    136.    151.    164.    193.    233.    270.    240.    209.    188.    172.
7868        UI    159.    143.    129.    119.    105.     97.     82.     63.     48.     36.
7869        UI     35.     34.     33.     20.     20.     20.     17.      6.      6.      6.
7870        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
7871        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7872        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7873        KK   R289A
7874        KM        ROUTE FLOW FROM CP289A TO CP287D
7875        RS      15              -1       0
7876        RC     .06     .06     .06    2900    .002
7877        RX    1000    1001    1002    1220    1900    2168    2169    2170
7878        RY   991.5     991     991     990     990     991     991   991.5

7879        KK    287D
7880        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287D
7881        BA     .23
7882        LG     .50     .00    6.26     .30     .00
7883        UI     16.     16.     44.     67.     82.     94.    110.    130.    174.    200.
7884        UI    159.    135.    117.     98.     83.     68.     48.     28.     27.     22.
7885        UI     16.     14.      5.      5.      5.      5.      5.      5.      5.      0.
7886        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7887        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7888        KK  1I287D
7889        KM        ADD HYDROGRAPHS AT CP287D
7890        HC       2     .73
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


7891        KK  CP287D
7892        KM        ADD HYDROGRAPHS AT CP287D
7893        HC       2    7.83

7894        KK  SR287D
7895        KM        STORAGE ROUTE CP287D IN AN I-10 DETENTION BASIN
7896        RS       1    STOR       0       0
7897        SV       0   30.21  162.42   403.5  496.83  532.82
7898        SQ       0      36      60      81      86      87
7899        SE   970.5     974     980     988     990   990.5

7900        KK   R287D
7901        KM        ROUTE FLOW FROM CP287D TO RCP302
7902        RK    5620   .0006    .012            CIRC       4

7903        KK  1RC302
7904        KM        ADD HYDROGRAPHS AT RCP302
7905        HC       2   85.71

7906        KK   D278E
7907        KM        RETURN DIVERT AT CP287E
7908        DR   DI302

7909        KK   R287E
7910        KM        ROUTE DIVERT FROM CP287E TO CP302
7911        RS      16              -1
7912        RC     .03     .03     .03    2960   .0041
7913        RX    1000    1001    1002    1010    1300    1650    1799    1800
7914        RY     986     986     986     978     978     980     982     982
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```
7915        KK     302
7916        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 302
7917        BA     .15
7918        LG     .30     .33    3.54     .30    4.00
7919        UI     29.    108.    163.    271.    238.    161.     99.     43.     26.      8.
7920        UI      8.      8.      0.      0.      0.      0.      0.      0.      0.      0.
7921        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7922        KK   CP302
7923        KM        ADD HYDROGRAPHS AT CP302
7924        HC       2    1.89

7925        KK   SR302
7926        KM        STORAGE ROUTE AT CP302 BEHIND VAN BUREN ROAD
7927        RS       1    STOR       0       0
7928        SV       0    1.16    7.44   17.82   22.15   60.86
7929        SQ       0      16      38      49     117    3687
7930        SE     972     974     976   977.6     978     980
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


7931        KK    D302
7932        KM        DIVERT FLOW SOUTH OVER VAN BUREN ROAD AT CP302
7933        DT   DI320
7934        DI       0      16      38      49     117    3687
7935        DQ       0       0       0       0      66    3625

7936        KK  RCP302
7937        KM        ADD HYDROGRAPHS IN AGUA FRIA RIVER AT RCP302
7938        HC       2   85.71

7939        KK   RR302
7940        KM        RIVER ROUTE RCP302 TP RCP320
7941        RS       6              -1       0
7942        RC    .035    .035    .035    5280   .0026
7943        RX    1000    1001    1002    1042    2042    2082    2083    2084
7944        RY     975     975     975     960     960     975     975     975

7945        KK    D302
7946        KM        RETURN DIVERT AT CP302
7947        DR   DI320

7948        KK    R302
7949        KM        ROUTE FLOW FROM CP302 TO CP320
7950        RS       9              -1
7951        RC     .03     .03    .035    5620   .0014
7952        RX    1000    1001    1030    1140    1640    1770    1820    1840
7953        RY    1075    1075    1066    1065    1065    1066    1068    1070

7954        KK     320
7955        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 320
7956        BA     .64
7957        LG     .22     .30    4.27     .48   14.50
7958        UI     63.    125.    270.    349.    434.    575.    780.    610.    489.    386.
7959        UI    301.    191.    110.     92.     63.     32.     19.     19.     19.     19.
7960        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7961        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7962        KK   CP320
7963        KM        ADD HYDROGRAPHS AT CP320
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```
7964        HC      2    2.53

7965        KK   SR320
7966        KM        STORAGE ROUTE CP320 BEHIND S.P.R.R.
7967        RS      1    STOR       0       0
7968        SV      0    4.15   34.22   71.09  141.43  276.96  481.06  516.31  604.41  744.46
7969        SQ      0      16      50      71      87     100     112     114    1335   10496
7970        SE    956     958     960     962     964     966     968   968.3     969     970

7971        KK    D320
7972        KM        DIVERT FLOW SOUTH ACROSS S.P.R.R. FROM CP320 TO CP338A
7973        DT  DI338A
7974        DI      0      16      50      71      87     100     112     114    1335   10496
7975        DQ      0       0       0       0       0       0       0       0    1218   10373
1                                          HEC-1 INPUT                                          PAGE183

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


7976        KK  RCP320
7977        KM        ADD HYDROGRAPHS AT RCP320 IN AGUA FRIA RIVER
7978        HC      2   86.35

7979        KK   RR320
7980        KM        RIVER ROUTE RCP320 TO RCP338
7981        RS     10              -1       0
7982        RC   .035    .035    .035   10000   .0033
7983        RX   1000    1001    1002    1042    2042    2082    2083    2084
7984        RY    956     956     956     942     942     956     956     956

7985        KK    D320
7986        KM        RETURN DIVERT AT CP320
7987        DR  DI338A

7988        KK    R320
7989        KM        ROUTE FLOW FROM CP320 TO CP338A
7990        RS      7              -1
7991        RC    .03     .03     .03    6240   .0035
7992        RX   1000    1030    1150    1240    1600    1720    1999    2000
7993        RY   1055    1048    1046    1045    1045    1046    1047    1047

7994        KK    338A
7995        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 338A
7996        BA    .77
7997        LG    .24     .29    3.88     .70   10.00
7998        UI    81.    183.    366.    472.    597.    868.    933.    697.    549.    424.
7999        UI   292.    152.    125.     81.     42.     25.     25.     25.     25.      0.
8000        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8001        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8002        KK  CP338A
8003        KM        ADD HYDROGRAPHS AT CP338A
8004        HC      2    3.30

8005        KK  SR338A
8006        KM        STORAGE ROUTE THROUGH 3 - 11 X 6 BC'S AT CP338A
8007        RS      1    STOR       0       0
8008        SV      0     .51    9.12   39.14   44.37
8009        SQ      0       3     729    1410    1493
8010        SE  939.6     942     944   945.8     946

8011        KK   R338A
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8012        KM        ROUTE FLOW FROM CP338A TO CP338
8013        RS      4             -1
8014        RC    .05     .03     .05    3900   .0033
8015        RX   1000    1001    1030    1040    1170    1185    1195    1260
8016        RY    947     947     940     936     936     940     942     944
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8017        KK    338
8018        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 338
8019        BA    .31
8020        LG    .49     .03    4.17     .67     .00
8021        UI    22.     22.     67.     97.    118.    136.    161.    197.    270.    257.
8022        UI   207.    178.    149.    126.    106.     76.     47.     38.     34.     22.
8023        UI    22.      7.      7.      7.      7.      7.      7.      7.      0.      0.
8024        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8025        KK   CP338
8026        KM        ADD HYDROGRAPHS AT CP338
8027        HC      2    3.61

8028        KK  RCP338
8029        KM        ADD HYDROGRAPHS  IN AGUA FRIA RIVER AT RCP338
8030        HC      2   87.43

8031        KK   RR338
8032        KM        RIVER ROUTE RCP338 TO RCP367
8033        RS      3             -1       0
8034        RC   .035    .035    .035    2800    .004
8035        RX   1000    1001    1002    1042    2042    2082    2083    2084
8036        RY    946     946     946     928     928     946     946     946

8037        KK    367
8038        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 367
8039        BA    .15
8040        LG    .35     .35    4.19     .47     .00
8041        UI    59.    181.    333.    299.    174.     67.     29.     10.     10.      0.
8042        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8043        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8044        KK  1RC367
8045        KM        ADD HYDROGRAPHS AT RCP367 IN AGUA FRIA RIVER
8046        HC      2   89.88

8047        KK   D337
8048        KM        RETURN PIPE DIVERT IN 96" STORM DRAIN
8049        DR   DI367

8050        KK   R337
8051        KM         ROUTE 96" STORM DRAIN FLOW FROM CP337 TO RCP367
8052        RK   8500   .0013    .012            CIRC       8

8053        KK  RCP367
8054        KM        ADD HYDROGRAPHS AT RCP367
8055        HC      2   89.88

8056        KK   RR367
8057        KM        RIVER ROUTE RCP367 TO RCP370
8058        RS      7             -1       0
8059        RC   .035    .035    .035    5900   .0022
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8060        RX    1000    1001    1002    1042    2042    2082    2083    2084
8061        RY     932     932     932     920     920     932     932     932
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8062        KK     370
8063        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 370
8064        BA     .07
8065        LG     .35     .35    3.42     .82     .00
8066        UI      8.     23.     42.     54.     76.    100.     74.     57.     42.     25.
8067        UI     14.     10.      6.      3.      3.      3.      0.      0.      0.      0.
8068        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8069        KK  RCP370
8070        KM        ADD HYDROGRAPHS AT CP370
8071        HC       2   89.99

8072        KK   RR370
8073        KM        RIVER ROUTE RCP370 TO RCP369
8074        RS       8              -1       0
8075        RC    .035    .035    .035    7000   .0025
8076        RX    1000    1001    1002    1042    2042    2082    2083    2084
8077        RY     916     916     916     900     900     916     916     916

8078        KK     369
8079        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 369
8080        BA     .15
8081        LG     .35     .35    3.16     .97     .00
8082        UI     21.     73.    115.    158.    245.    191.    139.     98.     48.     31.
8083        UI     19.      6.      6.      6.      0.      0.      0.      0.      0.      0.
8084        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8085        KK  RCP369
8086        KM        ADD HYDROGRAPHS AT RCP369
8087        HC       2   90.14

8088        KK   RR369
8089        KM        RIVER ROUTE RCP369 TO RCP368
8090        RS       3              -1       0
8091        RC    .035    .035    .035    2300   .0025
8092        RX    1000    1001    1002    1042    2042    2082    2083    2084
8093        RY     914     914     914     900     900     914     914     914

8094        KK     366
8095        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 366
8096        BA     .44
8097        LG     .50     .00    4.25     .55     .00
8098        UI     20.     20.     20.     49.     73.     89.    101.    112.    122.    136.
8099        UI    152.    171.    215.    252.    247.    210.    186.    168.    153.    136.
8100        UI    122.    109.     97.     84.     64.     46.     36.     34.     33.     26.
8101        UI     20.     20.     17.      6.      6.      6.      6.      6.      6.      6.
8102        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
8103        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8104        KK    R366
8105        KM        ROUTE FLOW FROM CP366 TO CP368
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8106        RS     40              -1
8107        RC   .075    .075    .075    6080   .0025
8108        RX   1000    1001    1040    1300    2340    2650    2699    2700
8109        RY    923     923     922     921     921     922     923     923

8110        KK    368
8111        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 368
8112        BA    .83
8113        LG    .50     .00    4.07     .60     .00
8114        UI    25.     25.     25.     25.     25.     73.     85.     95.    113.    120.
8115        UI   130.    138.    146.    156.    167.    181.    192.    206.    238.    283.
8116        UI   301.    330.    292.    263.    242.    224.    210.    199.    186.    172.
8117        UI   159.    149.    139.    127.    120.    111.     95.     76.     71.     44.
8118        UI    44.     44.     41.     41.     41.     25.     25.     25.     25.     25.
8119        UI    11.      8.      8.      8.      8.      8.      8.      8.      8.      8.
8120        UI     8.      8.      8.      8.      8.      8.      8.      0.      0.      0.
8121        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8122        KK   CP368
8123        KM        ADD HYDROGRAPHS AT CP368
8124        HC      2    1.27

8125        KK   SR368
8126        KM        STORAGE ROUTE CP368 BEHIND BUCKEYE CANAL
8127        RS      1    STOR       0       0
8128        SV      0    1.84    7.82   26.86  173.63
8129        SQ      0       0       0     247    6031
8130        SE    914     916   916.9     918     920

8131        KK  RCP368
8132        KM        ADD HYDROGRAPHS AT RCP364
8133        HC      2   91.41

8134        KK   RR368
8135        KM        RIVER ROUTE RCP368 TO RCP364
8136        RS      6              -1       0
8137        RC   .035    .035    .035    5700   .0025
8138        RX   1000    1001    1002    1042    2042    2082    2083    2084
8139        RY    910     902     902     890     890     902     902     910

8140        KK    D364
8141        KM        RETURN DIVERT AT CP364
8142        DR  DIGILA

8143        KK  RCP364
8144        KM        ADD HYDROGRAPHS AT RCP364
8145        HC      2  133.69
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8146        KK   RR364
8147        KM        RIVER ROUTE RCP364 TO RCP378
8148        RS     16              -1       0
8149        RC   .035    .035    .035   14200   .0025
8150        RX   1000    1001    1002    1042    2042    2082    2083    2084
8151        RY    910     910     910     890     890     910     910     910

8152        KK  RCP378
8153        KM        ADD HYDROGRAPHS AT RCP378
8154        HC      2  156.07
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8155        KK   RR378
8156        KM        RIVER ROUTE RCP378 TO RCP377A
8157        RS       3              -1       0
8158        RC    .035    .035    .035    2500   .0020
8159        RX    1000    1001    1002    1042    2042    2082    2083    2084
8160        RY     892     892     892     878     878     892     892     892

8161        KK    377A
8162        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 377A
8163        BA     .27
8164        LG     .50     .00    3.82     .46     .00
8165        UI     13.     13.     13.     32.     46.     56.     64.     71.     77.     86.
8166        UI     96.    110.    139.    162.    148.    126.    112.    102.     92.     82.
8167        UI     74.     64.     59.     48.     36.     23.     22.     21.     20.     13.
8168        UI     13.     13.      6.      4.      4.      4.      4.      4.      4.      4.
8169        UI      4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
8170        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8171        KK  RC377A
8172        KM        ADD HYDROGRAPHS AT RCP377A
8173        HC       2  156.34

8174        KK  RR377A
8175        KM        RIVER ROUTE RCP377A TO RCP377B
8176        RS       5              -1       0
8177        RC    .035    .035    .035    4800    .002
8178        RX    1000    1001    1002    1042    2042    2082    2083    2084
8179        RY     896     896     896     875     875     896     896     896

8180        KK     361
8181        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 361
8182        BA     .21
8183        LG     .50     .00    5.10     .35     .00
8184        UI      8.      8.      8.     11.     28.     32.     39.     42.     46.     50.
8185        UI     54.     60.     65.     75.     93.    105.    105.     90.     80.     73.
8186        UI     68.     62.     55.     51.     46.     42.     38.     31.     24.     17.
8187        UI     15.     14.     14.     12.      8.      8.      8.      6.      3.      3.
8188        UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
8189        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8190        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8191        KK   SR361
8192        KM        STORAGE ROUTE CP361 BEHIND BUCKEYE CANAL
8193        RS       1    STOR       0       0
8194        SV       0    1.54   41.94   65.51
8195        SQ       0       0       0     253
8196        SE   895.3     896     898   898.5

8197        KK    R361
8198        KM        ROUTE FLOW FROM CP361 TO CP377
8199        RS       7              -1
8200        RC    .075    .075    .075    2150   .0005
8201        RX    1000    1001    1002    1070    2070    2080    2099    2100
8202        RY     895     895     895     894     894     896     897     897

8203        KK     377
8204        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 377
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8205        BA    .09
8206        LG    .50     .00    5.76     .33     .00
8207        UI     9.     19.     40.     52.     65.     90.    111.     83.     67.     52.
8208        UI    40.     21.     15.     11.      8.      3.      3.      3.      3.      0.
8209        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8210        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8211        KK   CP377
8212        KM        ADD HYDROGRAPHS AT CP377
8213        HC       2     .30

8214        KK   SR377
8215        KM        STORAGE ROUTE CP377
8216        RS       1    STOR       0       0
8217        SV       0   38.24   88.81  135.71
8218        SQ       0       0       0    1332
8219        SE   892.2     894   895.1     896

8220        KK    R377
8221        KM        ROUTE FLOW FROM CP377 TO CP377B
8222        RS      19              -1       0
8223        RC    .075    .075    .075    5620   .0009
8224        RX    1000    1001    1002    1050    1740    1758    1759    1760
8225        RY    1095    1095    1095    1094    1094    1095    1095    1095

8226        KK    377B
8227        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 377B
8228        BA    .12
8229        LG    .42     .05    3.50     .45    4.00
8230        UI     4.      4.      4.      4.      4.     12.     13.     15.     17.     19.
8231        UI    20.     21.     23.     24.     26.     28.     30.     34.     40.     45.
8232        UI    50.     45.     40.     36.     34.     32.     30.     28.     26.     24.
8233        UI    22.     20.     19.     18.     16.     13.     11.      9.      7.      7.
8234        UI     6.      6.      6.      4.      4.      4.      4.      4.      2.      1.
8235        UI     1.      1.      1.      1.      1.      1.      1.      1.      1.      1.
8236        UI     1.      1.      1.      1.      0.      0.      0.      0.      0.      0.
8237        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8238        KK  CP337B
8239        KM        ADD HYDROGRAPHS AT CP377B
8240        HC       2     .42

8241        KK  RC377B
8242        KM        ADD HYDROGRAPHS AT RCP377B
8243        HC       2  156.76

8244        KK  RR377B
8245        KM        RIVER ROUTE RCP377B TO RCP387
8246        RS      10              -1       0
8247        RC    .035    .035    .035    9200    .002
8248        RX    1000    1001    1002    1042    2042    2082    2083    2084
8249        RY     878     878     878     868     868     878     878     878

8250        KK     387
8251        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 387
8252        BA    .25
8253        LG    .50     .00    6.86     .26     .00
8254        UI    12.     12.     12.     34.     45.     57.     63.     69.     77.     86.
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8255        UI    96.   115.   145.   155.   130.   113.   102.    92.    81.    73.
8256        UI    64.    57.    48.    35.    24.    21.    20.    19.    12.    12.
8257        UI    12.     5.     4.     4.     4.     4.     4.     4.     4.     4.
8258        UI     4.     0.     0.     0.     0.     0.     0.     0.     0.     0.
8259        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

8260        KK  RCP387
8261        KM        ADD HYDROGRAPHS AT CP387
8262        HC      2  157.01

8263        KK   RR387
8264        KM        RIVER ROUTE RCP387 TO RCP386
8265        RS      3              -1      0
8266        RC   .035   .035   .035   2800   .0025
8267        RX   1000   1001   1002   1042   2042   2082   2083   2084
8268        RY    872    872    872    860    860    872    872    872

8269        KK    386
8270        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 386
8271        BA    .35
8272        LG    .50    .00   5.87    .33    .00
8273        UI    13.    13.    13.    13.    41.    48.    57.    64.    70.    76.
8274        UI    81.    89.    98.   105.   122.   148.   168.   164.   143.   128.
8275        UI   117.   108.   100.    91.    82.    76.    68.    63.    55.    44.
8276        UI    37.    23.    23.    22.    22.    20.    13.    13.    13.    12.
8277        UI     4.     4.     4.     4.     4.     4.     4.     4.     4.     4.
8278        UI     4.     4.     4.     0.     0.     0.     0.     0.     0.     0.
8279        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8280        KK  RCP386
8281        KM        ADD HYDROGRAPHS AT RCP386
8282        HC      2  157.36

8283        KK   RR386
8284        KM        RIVER ROUTE RCP386 TO RCP383A
8285        RS      2              -1      0
8286        RC   .035   .035   .035   1800   .0025
8287        RX   1000   1001   1002   1042   2042   2082   2083   2084
8288        RY    870    870    870    860    860    870    870    870

8289        KK    383A
8290        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 383A
8291        BA    .16
8292        LG    .50    .00   6.41    .29    .00
8293        UI     7.     7.     7.    17.    26.    32.    37.    40.    44.    49.
8294        UI    55.    61.    76.    91.    91.    77.    68.    61.    56.    50.
8295        UI    45.    40.    36.    31.    24.    18.    13.    12.    12.    10.
8296        UI     7.     7.     7.     2.     2.     2.     2.     2.     2.     2.
8297        UI     2.     2.     2.     2.     0.     0.     0.     0.     0.     0.
8298        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

8299        KK  RC383A
8300        KM        ADD HYDROGRAPHS AT RCP383A
8301        HC      2  157.52

8302        KK  RR383A
8303        KM        RIVER ROUTE RCP383A TO RCP383
8304        RS      4              -1      0
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8305        RC    .035    .035    .035    3700    .002
8306        RX    1000    1001    1002    1042    2042    2082    2083    2084
8307        RY     873     873     873     860     860     873     873     873

8308        KK     383
8309        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 383
8310        BA    .18
8311        LG    .50     .00    6.68     .27     .00
8312        UI     9.      9.     10.     31.     38.     45.     51.     56.     64.     72.
8313        UI    85.    107.    121.    100.     87.     78.     70.     61.     54.     47.
8314        UI    41.     31.     22.     17.     16.     15.     10.      9.      9.      3.
8315        UI     3.      3.      3.      3.      3.      3.      3.      3.      0.      0.
8316        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8317        KK  RCP383
8318        KM        ADD HYDROGRAPHS AT RCP383
8319        HC       2   157.7

8320        KK   RR383
8321        KM        RIVER ROUTE RCP383 TO RCP381B
8322        RS       3              -1       0
8323        RC    .035    .035    .035    2700    .002
8324        RX    1000    1001    1002    1042    2042    2082    2083    2084
8325        RY     866     866     866     854     854     866     866     866
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8326        KK    381B
8327        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 381B
8328        BA    .07
8329        LG    .50     .00    6.68     .27     .00
8330        UI     4.      4.      8.     15.     19.     22.     25.     29.     33.     43.
8331        UI    53.     47.     39.     35.     30.     26.     23.     20.     15.     10.
8332        UI     7.      7.      6.      4.      4.      2.      1.      1.      1.      1.
8333        UI     1.      1.      1.      0.      0.      0.      0.      0.      0.      0.
8334        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8335        KK  RC381B
8336        KM        ADD HYDROGRAPHS AT RCP381B
8337        HC       2  157.77

8338        KK  RR381B
8339        KM        RIVER ROUTE RCP381B TO RCP380
8340        RS       3              -1       0
8341        RC    .035    .035    .035    2600    .002
8342        RX    1000    1001    1002    1042    2042    2082    2083    2084
8343        RY     864     864     864     850     850     864     864     864

8344        KK     381
8345        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 381
8346        BA    .21
8347        LG    .50     .00    7.15     .23     .00
8348        UI    11.     11.     11.     35.     44.     52.     59.     65.     73.     82.
8349        UI    96.    121.    140.    119.    102.     91.     82.     72.     64.     56.
8350        UI    50.     38.     28.     19.     18.     18.     13.     11.     11.      6.
8351        UI     3.      3.      3.      3.      3.      3.      3.      3.      3.      0.
8352        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8353        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8354        KK   SR381
```

```
8355        KM        STORAGE ROUTE CP381
8356        RS      1    STOR       0       0
8357        SV      0   11.22   90.09
8358        SQ      0       0    2174
8359        SE  866.3   866.9     868

8360        KK    R381
8361        KM        ROUTE FLOW AT CP381 TO CP380
8362        RS     38              -1
8363        RC   .075    .075    .075    3430   .0015
8364        RX   1000    1001    1002    1240    2120    2358    2359    2360
8365        RY   1064    1064    1064  1062.5  1062.5    1063    1063    1063

8366        KK     380
8367        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 380
8368        BA    .20
8369        LG    .50     .00    7.20     .22     .00
8370        UI    11.     11.     17.     39.     49.     57.     64.     72.     83.     96.
8371        UI   124.    145.    121.    103.     92.     81.     70.     62.     54.     44.
8372        UI    31.     20.     19.     18.     12.     11.     11.      3.      3.      3.
8373        UI     3.      3.      3.      3.      3.      0.      0.      0.      0.      0.
```



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

8374        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8375        KK   CP380
8376        KM        ADD HYDROGRAPHS AT CP380
8377        HC       2     .41

8378        KK  RCP380
8379        KM        ADD HYDROGRAPHS AT RCP380
8380        HC       2  158.18

8381        KK    D273
8382        KM        RETURN DIVERT AT CP273
8383        DR   DI292

8384        KK    R273
8385        KM        ROUTE FLOW FROM CP273 TO CP292
8386        RS       6              -1
8387        RC   .025     .02    .025    9670   .0042
8388        RX   1000    1001    1002    1025    1050    1150    1450    1630
8389        RY   1050    1027    1027    1026    1026    1028    1030    1050

8390        KK     292
8391        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 292
8392        BA    .96
8393        LG    .30     .27    3.78     .36    6.00
8394        UI    86.    139.    337.    446.    537.    663.    932.   1030.    785.    647.
8395        UI   521.    419.    284.    157.    142.     90.     75.     26.     26.     26.
8396        UI    26.     26.      0.      0.      0.      0.      0.      0.      0.      0.
8397        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8398        KK   1I292
8399        KM        ADD HYDROGRAPHS AT CP292
8400        HC       2    3.79

8401        KK    D274
8402        KM        RETURN DIVERT AT CP274
8403        DR   2D292
```

```
8404        KK    R274
8405        KM        ROUTE DIVERT FROM CP274 TO CP292
8406        RS      3              -1       0
8407        RC   .025    .025    .025    4300    .007
8408        RX   1000    1001    1002    1025    1050    1150    1450    1630
8409        RY   1050    1027    1027    1026    1026    1028    1030    1050

8410        KK   CP292
8411        KM        ADD HYDROGRAPHS AT CP292
8412        HC      2    5.36

8413        KK    D292
8414        KM        DIVERT FROM CP292 TO CP306
8415        DT   1D306
8416        DI      0       6     301    1014    2937    5622
8417        DQ      0       6     145     510    1579    2942
```



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


8418        KK    R292
8419        KM        ROUTE REMAINDER FROM CP292 TO CP293
8420        RS      3              -1
8421        RC   .075     .03     .03    2200   .0027
8422        RX   1000    1140    1440    1730    1810    1828    1829    1830
8423        RY   1015    1014    1012    1010    1010    1011    1011    1011

8424        KK    D275
8425        KM        RETURN DIVERT AT CP275
8426        DR   1D293

8427        KK    R275
8428        KM        ROUTE FLOW FROM CP275 TO CP293
8429        RS     24              -1
8430        RC   .075    .075    .075    4210   .0074
8431        RX   1000    1001    1002    1090    1420    2090    2299    2300
8432        RY   1019    1019    1019    1018    1018    1020    1021    1021

8433        KK    D276
8434        KM        RETURN DIVERT AT CP276
8435        DR   2D293

8436        KK    R276
8437        KM        ROUTE FLOW FROM CP276 TO CP293
8438        RS     24              -1
8439        RC   .075    .075    .075    4210   .0066
8440        RX   1000    1001    1002    1090    1420    2090    2299    2300
8441        RY   1019    1019    1019    1018    1018    1020    1021    1021

8442        KK   1I293
8443        KM        ADD HYDROGRAPHS AT CP293
8444        HC      2    4.77

8445        KK    293
8446        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 293
8447        BA    .77
8448        LG    .44     .07    3.74     .37    2.00
8449        UI    49.     49.    113.    191.    239.    276.    314.    366.    442.    591.
8450        UI   593.    480.    413.    362.    308.    263.    225.    164.    105.     85.
8451        UI    81.     55.     49.     36.     15.     15.     15.     15.     15.     15.
```

```
8452        UI     15.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8453        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8454        KK   2I293
8455        KM        ADD HYDROGRAPHS AT CP293
8456        HC       2    5.54

8457        KK    D277
8458        KM        RETURN DIVERT AT CP277
8459        DR   3D293
```



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


8460        KK    R277
8461        KM        ROUTE DIVERT FROM CP277 TO CP293
8462        RS       7              -1       0
8463        RC    .035    .035    .075    5400   .0031
8464        RX    1000    1001    1002    1040    1110    1150    1750    2130
8465        RY    1014    1011    1011    1010    1010    1012    1014    1016

8466        KK   3I293
8467        KM        ADD HYDROGRAPHS AT CP293
8468        HC       2   25.02

8469        KK   CP293
8470        KM        ADD HYDROGRAPHS AT CP293
8471        HC       2   25.98

8472        KK   SR293
8473        KM        STORAGE ROUTE BEHIND ROOSEVELT CANAL AT CP293
8474        RS       1    STOR       0       0
8475        SV       0    8.72   22.32    35.0
8476        SQ       0       0    1450    3600
8477        SE  1006.4  1007.4    1008  1008.5

8478        KK    R293
8479        KM        ROUTE FLOW FROM CP293 TO CP293A
8480        RS      11              -1       0
8481        RC    .075    .075    .075    2650   .0008
8482        RX    1000    1001    1002    1090    1300    1430    1769    1770
8483        RY    1010    1006    1006    1005    1005    1006    1008    1010

8484        KK    293A
8485        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 293A
8486        BA     .07
8487        LG     .50     .00    3.50     .47     .00
8488        UI      6.      7.     21.     29.     34.     41.     51.     72.     62.     50.
8489        UI     42.     34.     28.     19.     11.     10.      7.      6.      3.      2.
8490        UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
8491        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8492        KK  CP293A
8493        KM        ADD HYDROGRAPHS AT CP293A
8494        HC       2   26.05

8495        KK  SR293A
8496        KM        STORAGE ROUTE BEHIND ROOSEVELT CANAL AT CP293A
8497        RS       1    STOR       0       0
8498        SV       0     3.5    8.24   18.67   34.37   48.42
8499        SQ       0       0       0       0     891    2563
```

```
8500          SE  1002.5    1004  1004.6  1005.3    1006  1006.5
1                                   HEC-1 INPUT                                                    PAGE195

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


8501          KK   D293A
8502          KM        DIVERT FROM CP293A TO CP306
8503          DT   2D306
8504          DI       0     409     891
8505          DQ       0      41      91

8506          KK   R293A
8507          KM        ROUTE REMAINDER FROM CP293A TO CP309
8508          RS      20              -1       0
8509          RC    .075    .075    .075    5930   .0057
8510          RX    1000    1001    1002    1270    2340    2598    2599    2600
8511          RY  1083.5    1083    1083    1082    1082    1083    1083  1083.5

8512          KK   D279D
8513          KM        RETURN DIVERT AT CP279D
8514          DR   1D294

8515          KK   R279D
8516          KM        ROUTE FLOW FROM CP279D TO CP294
8517          RS      28              -1
8518          RC     .03     .03     .03    3400   .0047
8519          RX    1000    1001    1060    1080    2250    2270    2290    2310
8520          RY    1019    1019    1018    1016    1016    1018    1020    1021

8521          KK   D279C
8522          KM        RETURN DIVERT AT CP279C
8523          DR   2D294

8524          KK   R279C
8525          KM        ROUTE FLOW FROM CP279C TO CP294
8526          RS      24              -1
8527          RC     .03     .03     .03    3400   .0038
8528          RX    1000    1001    1060    1080    2250    2270    2290    2310
8529          RY    1019    1019    1018    1016    1016    1018    1020    1021

8530          KK   1I294
8531          KM        ADD HYDROGRAPHS AT CP294
8532          HC       2   24.32

8533          KK     294
8534          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 294
8535          BA     .18
8536          LG     .35     .35    3.54     .28     .00
8537          UI     29.    116.    174.    272.    306.    206.    140.     67.     39.     20.
8538          UI      9.      9.      0.      0.      0.      0.      0.      0.      0.      0.
8539          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8540          KK   CP294
8541          KM        ADD HYDROGRAPHS AT CP294
8542          HC       2    24.5
                                    HEC-1 INPUT                                                    PAGE196

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


8543          KK   SR294
```

```
8544        KM        STORAGE ROUTE THROUGH CP294
8545        RS      1    STOR       0       0
8546        SV      0    6.32   19.56  300.91  635.31  899.95  942.11  979.46
8547        SQ      0       0       0       0       0       0     715    2198
8548        SE  970.4     972     980     990    1000    1007    1008  1008.8

8549        KK    R294
8550        KM        ROUTE FLOW FROM CP294 TO CP309
8551        RS      5              -1
8552        RC   .075    .075    .075    6240   .0058
8553        RX   1000    1001    1020    1230    1880    2300    2350    2440
8554        RY    993     993     992     990     990     992     994     995

8555        KK    309
8556        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 309
8557        BA   1.07
8558        LG    .50     .00    3.57     .44     .00
8559        UI    43.     43.     43.     59.    142.    165.    200.    218.    238.    258.
8560        UI   281.    312.    339.    392.    481.    551.    528.    455.    407.    371.
8561        UI   344.    313.    282.    256.    232.    209.    187.    151.    123.     76.
8562        UI    76.     72.     71.     57.     43.     43.     43.     23.     13.     13.
8563        UI    13.     13.     13.     13.     13.     13.     13.     13.     13.      0.
8564        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8565        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8566        KK   1I309
8567        KM        ADD HYDROGRAPHS AT CP309
8568        HC      2   25.57

8569        KK   CP309
8570        KM        ADD HYDROGRAPHS AT CP309
8571        HC      2   27.37

8572        KK    R309
8573        KM        ROUTE FLOW FROM CP309 TO CP328
8574        RS     17              -1
8575        RC   .075     .07    .075    5770   .0047
8576        RX   1000    1060    1200    1460    2160    2838    2839    2840
8577        RY   1063    1062    1060    1058    1058    1060    1060    1060

8578        KK    328
8579        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 328
8580        BA    .76
8581        LG    .46     .09    3.56     .42     .00
8582        UI    37.     37.     37.    111.    144.    177.    198.    218.    242.    274.
8583        UI   305.    380.    468.    459.    385.    339.    306.    275.    241.    217.
8584        UI   189.    168.    130.     96.     66.     64.     62.     47.     37.     37.
8585        UI    26.     11.     11.     11.     11.     11.     11.     11.     11.     11.
8586        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8587        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

8588        KK   CP328
8589        KM        ADD HYDROGRAPHS AT CP328
8590        HC      2   28.13

8591        KK    R328
8592        KM        ROUTE FLOW FROM CP328 TO CP344
8593        RS      7              -1
```

```
8594        RC    .06    .035    .075    6240   .0053
8595        RX   1000    1001    1265    1270    1290    1400    1700    2150
8596        RY    933     933     932     930     930     931     930     933

8597        KK    344
8598        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 344
8599        BA    .61
8600        LG    .50     .00    3.54     .47     .00
8601        UI    22.     22.     22.     22.     60.     79.     91.    105.    114.    123.
8602        UI   133.    143.    158.    170.    188.    220.    262.    294.    262.    231.
8603        UI   209.    192.    179.    166.    150.    138.    128.    114.    106.     94.
8604        UI    77.     64.     42.     39.     38.     37.     37.     23.     22.     22.
8605        UI    22.     12.      7.      7.      7.      7.      7.      7.      7.      7.
8606        UI     7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
8607        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8608        KK   CP344
8609        KM        ADD HYDROGRAPHS AT CP344
8610        HC       2   28.74

8611        KK    D292
8612        KM        RETURN DIVERT AT CP292
8613        DR   1D306

8614        KK    R292
8615        KM        ROUTE FLOW FROM CP292 TO CP306
8616        RS       4              -1
8617        RC    .035    .035    .075    2500   .0032
8618        RX   1000    1001    1002    1015    1035    1770    2009    2010
8619        RY   1012    1009    1009    1008    1008    1010    1012    1012

8620        KK   D293A
8621        KM        RETURN DIVERT AT CP293A
8622        DR   2D306

8623        KK   R293A
8624        KM        ROUTE FLOW FROM CP293A TO CP306
8625        RS       4              -1       0
8626        RC     .03     .03    .075    1200   .0008
8627        RX   1000    1001    1002    1030    1090    1200    1530    1760
8628        RY   1007    1006    1006    1005    1005    1006    1008    1010
```



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


8629        KK   1I306
8630        KM        ADD HYDROGRAPHS AT CP306
8631        HC       2   26.05

8632        KK     306
8633        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 306
8634        BA    .49
8635        LG    .50     .00    3.67     .46     .00
8636        UI    25.     25.     25.     80.    100.    119.    136.    149.    167.    189.
8637        UI   218.    275.    325.    280.    240.    213.    193.    169.    150.    132.
8638        UI   118.     94.     70.     44.     43.     41.     33.     25.     25.     17.
8639        UI     8.      8.      8.      8.      8.      8.      8.      8.      8.      0.
8640        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8641        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8642        KK   CP306
```

```
8643        KM        ADD HYDROGRAPHS AT CP306
8644        HC       2   26.54

8645        KK   SR306
8646        KM        STORAGE ROUTE BEHIND ROOSEVELT CANAL AT CP306
8647        RS       1    STOR       0       0
8648        SV       0    3.71   13.04
8649        SQ       0       0    3426
8650        SE  1004.5  1005.3    1006

8651        KK    R306
8652        KM        ROUTE FLOW FROM CP306 TO CP308
8653        RS       5              -1
8654        RC    .035    .035    .075    3740   .0072
8655        RX    1000    1001    1002    1020    1410    1760    2059    2060
8656        RY     997     997     997     996     996     998     999     999

8657        KK     308
8658        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 308
8659        BA     .32
8660        LG     .50     .00    3.50     .47     .00
8661        UI     19.     19.     36.     69.     89.    102.    115.    132.    151.    194.
8662        UI    241.    217.    181.    159.    139.    120.    104.     90.     69.     47.
8663        UI     34.     32.     27.     19.     19.     10.      6.      6.      6.      6.
8664        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
8665        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8666        KK   CP308
8667        KM        ADD HYDROGRAPHS AT CP308
8668        HC       2   26.86

8669        KK    R308
8670        KM        ROUTE FLOW FROM CP308 TO CP327
8671        RS       4              -1
8672        RC     .03     .03    .075    5280    .007
8673        RX    1000    1001    1015    1020    1040    1260    1820    2050
8674        RY     957     957     956     954     954     956     958     959
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8675        KK     327
8676        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 327
8677        BA     .53
8678        LG     .50     .00    3.50     .47     .00
8679        UI     25.     25.     25.     68.     93.    115.    129.    143.    157.    177.
8680        UI    195.    231.    287.    329.    282.    244.    218.    199.    177.    157.
8681        UI    140.    125.    108.     84.     61.     45.     43.     41.     32.     25.
8682        UI     25.     20.      8.      8.      8.      8.      8.      8.      8.      8.
8683        UI      8.      8.      0.      0.      0.      0.      0.      0.      0.      0.
8684        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8685        KK   CP327
8686        KM        ADD HYDROGRAPHS AT CP327
8687        HC       2   27.39

8688        KK    R327
8689        KM        ROUTE FLOW FROM CP327 TO CP343
8690        RS       3              -1
8691        RC     .02     .02     .05    5280   .0061
8692        RX    1000    1001    1015    1020    1035    1045    1410    1820
```

```
8693        RY    931     931     930     928     928     930     932     933

8694        KK    343
8695        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 343
8696        BA    .51
8697        LG    .50     .00    3.68     .45     .00
8698        UI    21.     21.     21.     33.     71.     83.     99.    109.    119.    128.
8699        UI   142.    157.    171.    204.    247.    278.    241.    211.    190.    174.
8700        UI   161.    144.    131.    118.    106.     98.     80.     61.     43.     37.
8701        UI    36.     35.     30.     21.     21.     21.     12.      6.      6.      6.
8702        UI     6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
8703        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8704        KK  1IC343
8705        KM       ADD HYDROGRAPHS AT CP343
8706        HC      2   27.90

8707        KK   CP343
8708        KM       ADD HYDROGRAPHS AT CP343 AND CP344
8709        HC      2   30.59

8710        KK    R343
8711        KM       ROUTE FLOW FROM CP343 AND CP344 TO CP356
8712        RS      3              -1
8713        RC    .07    .035     .07    2100   .0048
8714        RX   1000    1670    2250    2265    2400    2818    2819    2820
8715        RY   1010    1002    1003    1002    1002    1003    1003    1010

8716        KK    356
8717        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 356
8718        BA    .35
8719        LG    .50     .00    3.50     .47     .00
8720        UI    26.     26.     81.    114.    138.    160.    191.    238.    324.    281.
8721        UI   229.    197.    164.    137.    113.     77.     45.     43.     33.     26.
```



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

8722        UI    17.      8.      8.      8.      8.      8.      8.      0.      0.      0.
8723        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8724        KK   CP356
8725        KM       ADD HYDROGRAPHS AT CP356
8726        HC      2   30.94

8727        KK   SR356
8728        KM       STORAGE ROUTE BEHIND S.P.R.R. AT CP356
8729        RS      1    STOR       0       0
8730        SV      0     .22    18.8   41.67   62.23   82.48
8731        SQ      0      24      57      67     798    3073
8732        SE  894.5     896     898   898.9   899.5   900.0

8733        KK    R356
8734        KM       ROUTE FLOW FROM CP356 TO CP355
8735        RS      5              -1
8736        RC   .075    .075    .075    1300   .0004
8737        RX   1000    1001    1002    1040    2290    2348    2349    2350
8738        RY    900     895     895     894     894     895     895     900

8739        KK    355
8740        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 355
8741        BA    .10
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8742        LG    .50     .00    6.75     .27     .00
8743        UI     5.      5.      5.     17.     21.     24.     28.     31.     34.     39.
8744        UI    45.     57.     67.     57.     49.     43.     39.     34.     31.     27.
8745        UI    24.     19.     14.      9.      9.      8.      6.      5.      5.      3.
8746        UI     2.      2.      2.      2.      2.      2.      2.      2.      2.      0.
8747        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8748        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8749        KK   1I355
8750        KM        ADD HYDROGRAPHS AT CP355
8751        HC       2   31.04

8752        KK     307
8753        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 307
8754        BA     .21
8755        LG    .50     .00    3.59     .46     .00
8756        UI    17.     18.     58.     78.     94.    111.    135.    188.    199.    155.
8757        UI   131.    108.     89.     72.     46.     29.     27.     18.     17.      6.
8758        UI     5.      5.      5.      5.      5.      0.      0.      0.      0.      0.
8759        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8760        KK    R307
8761        KM        ROUTE FLOW FROM CP307 TO CP326
8762        RS      10              -1       0
8763        RC    .035    .035    .075    5280   .0066
8764        RX    1000    1001    1002    1015    1040    1800    2089    2090
8765        RY     962     961     961     960     960     962     963     963
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8766        KK     326
8767        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 326
8768        BA     .54
8769        LG    .50     .00    3.69     .45     .00
8770        UI    25.     25.     25.     61.     90.    110.    126.    138.    151.    168.
8771        UI   189.    212.    269.    312.    301.    256.    227.    205.    188.    165.
8772        UI   149.    133.    119.    101.     76.     54.     44.     42.     41.     30.
8773        UI    25.     25.     19.      8.      8.      8.      8.      8.      8.      8.
8774        UI     8.      8.      8.      0.      0.      0.      0.      0.      0.      0.
8775        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8776        KK   CP326
8777        KM        ADD HYDROGRAPHS AT CP326
8778        HC       2     .75

8779        KK    R326
8780        KM        ROUTE FLOW FROM CP326 TO CP342A
8781        RS       8              -1       0
8782        RC    .035    .035    .075    5280   .0068
8783        RX    1000    1001    1002    1015    1100    1950    2219    2220
8784        RY     934     933     933     932     932     934     935     935

8785        KK    342A
8786        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 342A
8787        BA     .38
8788        LG    .50     .00    3.64     .45     .00
8789        UI    16.     16.     16.     25.     53.     62.     74.     81.     88.     95.
8790        UI   105.    117.    127.    151.    183.    207.    180.    157.    142.    130.
8791        UI   120.    107.     97.     88.     79.     73.     60.     45.     33.     28.
8792        UI    27.     26.     23.     16.     16.     16.     10.      5.      5.      5.
```

```
8793        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
8794        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8795        KK  CP342A
8796        KM        ADD HYDROGRAPHS AT CP342A
8797        HC       2    1.13

8798        KK   R342A
8799        KM        ROUTE FLOW FROM CP342A TO CP354
8800        RS       5              -1       0
8801        RC     .05     .05    .075    2960   .0061
8802        RX    1000    1001    1002    1010    1420    1878    1879    1880
8803        RY     910     909     909     908     908     910     910     910

8804        KK     354
8805        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 354
8806        BA     .31
8807        LG     .50     .00    3.64     .45     .00
8808        UI     23.     23.     76.    104.    127.    147.    175.    232.    291.    242.
8809        UI    200.    171.    142.    118.     94.     57.     40.     38.     24.     23.
8810        UI      9.      7.      7.      7.      7.      7.      0.      0.      0.      0.
8811        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE202

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


8812        KK   CP354
8813        KM        ADD HYDROGRAPHS AT CP354
8814        HC       2    1.44

8815        KK   SR354
8816        KM        STORAGE ROUTE BEHIND S.P.R.R. AT CP354
8817        RS       1    STOR       0       0
8818        SV       0     .24   17.91   40.51
8819        SQ       0      74     252    1465
8820        SE     887   891.9     895     896

8821        KK    R354
8822        KM        ROUTE FLOW FROM CP354 TO CP355
8823        RS      10              -1       0
8824        RC     .07     .07     .07    1700   .0003
8825        RX    1000    1001    1002    1040    2290    2348    2349    2350
8826        RY   895.5     895     895     894     894     895     895   895.5

8827        KK   2I355
8828        KM        ADD HYDROGRAPHS AT CP355
8829        HC       2   32.48

8830        KK     310
8831        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 310
8832        BA     .19
8833        LG     .50     .00    3.76     .46     .00
8834        UI     14.     14.     40.     59.     71.     82.     97.    118.    162.    159.
8835        UI    128.    109.     92.     78.     65.     48.     30.     23.     22.     14.
8836        UI     14.      6.      4.      4.      4.      4.      4.      4.      0.      0.
8837        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8838        KK    R310
8839        KM        ROUTE FLOW FROM CP310 TO CP329
8840        RS       4              -1
8841        RC     .06    .025    .075    5280    .007
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8842        RX    1000    1001    1245    1250    1260    1350    1600    1820
8843        RY     945     945     944     942     942     945     944     945

8844        KK     329
8845        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 329
8846        BA     .63
8847        LG     .43     .07    3.62     .44    3.00
8848        UI     36.     36.     62.    129.    163.    190.    213.    241.    277.    334.
8849        UI    435.    449.    368.    318.    284.    245.    216.    184.    158.    117.
8850        UI     76.     63.     60.     47.     36.     36.     15.     11.     11.     11.
8851        UI     11.     11.     11.     11.      0.      0.      0.      0.      0.      0.
8852        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8853        KK   CP329
8854        KM        ADD HYDROGRAPHS AT CP329
8855        HC       2     .82
```



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


8856        KK    R329
8857        KM        ROUTE FLOW FROM CP329 TO CP345
8858        RS       3              -1
8859        RC     .02     .02     .04    5280   .0066
8860        RX    1000    1001    1002    1020    1035    1040    1130    1720
8861        RY     931     931     931     930     930     931     930     932

8862        KK     345
8863        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 345
8864        BA     .43
8865        LG     .50     .00    3.71     .45     .00
8866        UI     20.     20.     20.     48.     71.     86.     99.    109.    119.    133.
8867        UI    149.    167.    209.    246.    242.    205.    181.    164.    150.    133.
8868        UI    119.    107.     95.     82.     63.     45.     35.     33.     32.     25.
8869        UI     20.     20.     17.      6.      6.      6.      6.      6.      6.      6.
8870        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
8871        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8872        KK   CP345
8873        KM        ADD HYDROGRAPHS AT CP345
8874        HC       2    1.25

8875        KK    R345
8876        KM        ROUTE FLOW FROM CP345 TO CP357
8877        RS       4              -1
8878        RC     .07     .07     .07    1300   .0031
8879        RX    1000    1001    1002    1020    2100    2238    2239    2240
8880        RY     910     901     901     900     900     901     901     910

8881        KK     357
8882        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 357
8883        BA     .14
8884        LG     .50     .00    3.50     .47     .00
8885        UI     10.     10.     26.     40.     49.     57.     66.     78.    104.    122.
8886        UI     98.     82.     71.     60.     51.     42.     30.     18.     16.     14.
8887        UI     10.      9.      3.      3.      3.      3.      3.      3.      3.      0.
8888        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8889        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8890        KK   CP357
8891        KM        ADD HYDROGRAPHS AT CP357
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8892        HC      2    1.39

8893        KK    346
8894        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 346
8895        BA    .51
8896        LG    .45     .12    3.74     .41     .00
8897        UI    31.     31.     60.    111.    143.    165.    185.    213.    244.    319.
8898        UI   386.    342.    287.    252.    220.    190.    164.    142.    106.     71.
8899        UI    54.     50.     41.     31.     31.     12.      9.      9.      9.      9.
8900        UI     9.      9.      9.      0.      0.      0.      0.      0.      0.      0.
8901        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8902        KK   R346
8903        KM        ROUTE FLOW FROM CP346 TO CP359
8904        RS      6              -1
8905        RC    .07     .07     .07    1300   .0031
8906        RX   1000    1001    1002    1300    2170    2198    2199    2200
8907        RY    902     902     902     900     900     901     901     901

8908        KK    359
8909        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 359
8910        BA    .10
8911        LG    .50     .00    3.54     .47     .00
8912        UI     8.      8.     27.     37.     44.     52.     63.     86.     96.     75.
8913        UI    63.     52.     43.     35.     24.     14.     13.      9.      8.      4.
8914        UI     2.      2.      2.      2.      2.      0.      0.      0.      0.      0.
8915        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8916        KK   1I359
8917        KM        ADD HYDROGRAPHS AT CP359
8918        HC      2     .61

8919        KK   2I359
8920        KM        ADD HYDROGRAPHS AT CP359 AND CP357
8921        HC      2     2.0

8922        KK   D346A
8923        KM        RETURN DIVERT AT CP346A
8924        DR  DI346C

8925        KK   R346A
8926        KM        ROUTE DIVERT AT CP346A TO CP346C
8927        RS      8              -1       0
8928        RC    .07     .07     .07    3120   .0026
8929        RX   1000    1001    1002    1050    1510    1560    1840    2090
8930        RY    915     915     915     914     914     915     913     916

8931        KK    346C
8932        KM        RUNOFF FROM SUBBASIN 346C
8933        BA    .12
8934        LG    .50     .00    3.64     .50     .00
8935        UI    11.     17.     42.     55.     66.     82.    113.    129.     99.     81.
8936        UI    66.     53.     37.     21.     18.     12.     10.      3.      3.      3.
8937        UI     3.      3.      0.      0.      0.      0.      0.      0.      0.      0.
8938        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8939        KK  CP346C
8940        KM        ADD HYDROGRAPHS AT CP346C
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8941        HC      2   38.31

8942        KK  SR346C
8943        KM       STORAGE ROUTE BEHIND S.P.R.R. SPUR AT CP346C
8944        RS      1    STOR       0       0
8945        SV      0     .55   10.29   18.98   32.91   43.76
8946        SQ      0       0       0       0    1040    2866
8947        SE  905.4     906     908     909     910   910.5
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8948        KK   346B
8949        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 346B
8950        BA    .27
8951        LG    .50     .00    3.83     .46     .00
8952        UI    10.     10.     10.     10.     32.     38.     44.     49.     55.     59.
8953        UI    63.     69.     76.     83.     96.    116.    133.    125.    109.     98.
8954        UI    90.     83.     77.     69.     63.     58.     52.     48.     41.     33.
8955        UI    27.     18.     18.     17.     17.     14.     10.     10.     10.      7.
8956        UI     3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
8957        UI     3.      3.      0.      0.      0.      0.      0.      0.      0.      0.
8958        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8959        KK  CP346B
8960        KM       ADD HYDROGRAPHS AT CP346B
8961        HC      2   38.58

8962        KK  SR346B
8963        KM       STORAGE ROUTE BEHIND S.P.R.R. AT CP346B
8964        RS      1    STOR       0       0
8965        SV      0     .84    1.72    3.88    7.13   16.26
8966        SQ      0       0      27     349    1675    5428
8967        SE    907   907.7     908   908.5     909     910

8968        KK   D346B
8969        KM       DIVERT FLOW FROM CP346B TO CP360
8970        DT   DI360
8971        DI      0      27     349    1675    5428
8972        DQ      0       0      69     423    2390

8973        KK   R346B
8974        KM       ROUTE REMAINDER FROM CP346B TO CP359
8975        RS      5              -1       0
8976        RC   .035    .035     .07    2600   .0038
8977        RX   1000    1001    1002    1020    1310    2038    2039    2040
8978        RY    910     903     903   901.5   901.5     904     904     910

8979        KK   CP359
8980        KM       ADD HYDROGRAPHS AT CP359
8981        HC      2   40.58

8982        KK   SR359
8983        KM       STORAGE ROUTE BEHIND S.P.R.R. AT CP357 AND CP359
8984        RS      1    STOR       0       0
8985        SV      0     .17   40.13  133.48  154.54  192.63
8986        SQ      0      90     120     242     937    1741
8987        SE  894.5     898     900   901.7     902   902.5

8988        KK    R359
8989        KM       ROUTE FLOW FROM CP357 AND CP359 TO CP360
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```
8990        RS      10              -1
8991        RC    .075    .075    .075    1790    .0022
8992        RX    1000    1001    1002    1220    2380    2758    2759    2760
8993        RY     900     897     897     896     896     897     897     900
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8994        KK     360
8995        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 360
8996        BA     .25
8997        LG     .46     .08    5.43     .32     .00
8998        UI     11.     11.     11.     27.     41.     50.     57.     63.     69.     76.
8999        UI     85.     95.    117.    142.    142.    120.    106.     96.     88.     78.
9000        UI     70.     63.     56.     49.     38.     28.     20.     20.     19.     16.
9001        UI     11.     11.     11.      4.      3.      3.      3.      3.      3.      3.
9002        UI      3.      3.      3.      3.      0.      0.      0.      0.      0.      0.
9003        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9004        KK   1I360
9005        KM        ADD HYDROGRAPHS AT CP360
9006        HC       2   40.83

9007        KK   D346B
9008        KM        RETURN DIVERT AT CP346B
9009        DR   DI360

9010        KK   R346B
9011        KM        ROUTE FLOW FROM CP346B TO CP360
9012        RS      15              -1       0
9013        RC    .075    .075    .075    4990    .0028
9014        RX    1000    1001    1025    1035    1120    1250    1570    1650
9015        RY     903     903     902     900     900     902     904     905

9016        KK   CP360
9017        KM        ADD HYDROGRAPHS AT CP360
9018        HC       2   40.83

9019        KK   SR360
9020        KM        STORAGE ROUTE AT CP360
9021        RS       1    STOR       0       0
9022        SV       0    6.01   19.07   75.17
9023        SQ       0       0       0    1938
9024        SE   893.2     894   894.6     896

9025        KK    R360
9026        KM        ROUTE FLOW FROM CP360 TO CP358
9027        RS      19              -1
9028        RC    .075    .075    .075    4060    .0002
9029        RX    1000    1001    1002    1020    1420    1580    1979    1980
9030        RY     900     896     896     894     894     896     898     900

9031        KK     358
9032        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 358
9033        BA     .19
9034        LG     .50     .00    4.50     .41     .00
9035        UI      8.      8.      8.      9.     25.     29.     34.     38.     41.     45.
9036        UI     48.     54.     58.     66.     81.     93.     96.     83.     73.     67.
9037        UI     61.     57.     51.     47.     42.     38.     35.     29.     22.     17.
9038        UI     13.     13.     12.     12.      8.      8.      8.      7.      2.      2.
9039        UI      2.      2.      2.      2.      2.      2.      2.      2.      2.      2.
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9040        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE207

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

9041        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9042        KK   CP358
9043        KM        ADD HYDROGRAPHS AT CP358
9044        HC       2   41.02

9045        KK   SR358
9046        KM        STORAGE ROUTE OVER PERRYVILLE ROAD AT CP358
9047        RS       1    STOR       0       0
9048        SV       0   26.03   53.59   93.06  152.89
9049        SQ       0       0       0     837    5651
9050        SE   892.5     894   894.7   895.5   896.5

9051        KK    R358
9052        KM        ROUTE FLOW FROM CP358 TO CP355
9053        RS       3              -1
9054        RC    .075    .075    .075     550   .0009
9055        RX    1000    1001    1002    1040    2290    2348    2349    2350
9056        RY     900     895     895     894     894     895     895     900

9057        KK   CP355
9058        KM        ADD HYDROGRAPHS AT CP355
9059        HC       2   48.68

9060        KK   SR355
9061        KM        STORAGE ROUTE OVER BUCKEYE CANAL AT CP355
9062        RS       1    STOR       0       0
9063        SV       0     3.8   61.42    88.6  116.74  146.56  179.56
9064        SQ       0       0       0       0    1011    3120    5732
9065        SE   890.2     892     894   894.5     895   895.5     899

9066        KK    R355
9067        KM        ROUTE FLOW FROM CP355 TO CP373
9068        RS      12              -1
9069        RC    .075    .075    .075    3120   .0022
9070        RX    1000    1001    1020    1240    2190    2500    2639    2640
9071        RY     900     887     886     885     885     886     887     900

9072        KK     373
9073        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 373
9074        BA     .43
9075        LG     .50     .00    5.37     .36     .00
9076        UI     26.     26.     49.     93.    119.    137.    154.    178.    203.    260.
9077        UI    323.    291.    243.    213.    187.    161.    140.    121.     92.     63.
9078        UI     45.     42.     37.     26.     26.     13.      8.      8.      8.      8.
9079        UI      8.      8.      8.      0.      0.      0.      0.      0.      0.      0.
9080        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9081        KK   1I373
9082        KM        ADD HYDROGRAPHS AT CP373
9083        HC       2   49.11
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

9084        KK    355A
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9085        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 355A
9086        BA     .04
9087        LG     .50      .00     3.88      .45      .00
9088        UI      4.       6.      14.      19.      23.      28.      39.      43.      33.      27.
9089        UI     22.      17.      12.       6.       6.       4.       3.       1.       1.       1.
9090        UI      1.       1.       0.       0.       0.       0.       0.       0.       0.       0.
9091        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

9092        KK  SR355A
9093        KM        STORAGE ROUTE OVER BUCKEYE CANAL AT CP355A
9094        RS       1    STOR        0        0
9095        SV       0   16.98    25.08    37.53
9096        SQ       0       0        0      725
9097        SE   892.3     894    894.4      895

9098        KK   R355A
9099        KM        ROUTE FLOW FROM CP355A TO CP373
9100        RS       6               -1
9101        RC    .075    .075     .075     3590    .0025
9102        RX    1000    1001     1002     1100     1570     1588     1589     1590
9103        RY     889     889      889      888      888      889      889      889

9104        KK   CP373
9105        KM        ADD HYDROGRAPHS AT CP373
9106        HC       2   49.15

9107        KK    R373
9108        KM        ROUTE FLOW FROM CP373 TO CP374
9109        RS      14               -1
9110        RC    .075    .075     .075     3900    .0013
9111        RX    1000    1001     1060     1180     1660     1840     2099     2100
9112        RY     890     881      880      879      879      880      881      890

9113        KK     374
9114        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 374
9115        BA     .76
9116        LG     .50      .00     6.92      .25      .00
9117        UI     25.      25.      25.      25.      42.      82.      94.     108.     119.     130.
9118        UI    139.     148.     159.     171.     187.     198.     224.     265.     300.     333.
9119        UI    294.     263.     239.     221.     207.     195.     178.     164.     153.     141.
9120        UI    128.     120.     109.      93.      72.      59.      44.      44.      42.      41.
9121        UI     41.      26.      25.      25.      25.      21.       8.       8.       8.       8.
9122        UI      8.       8.       8.       8.       8.       8.       8.       8.       8.       8.
9123        UI      8.       0.       0.       0.       0.       0.       0.       0.       0.       0.
9124        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

9125        KK   1I374
9126        KM        ADD HYDROGRAPHS AT CP374
9127        HC       2   49.91
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

9128        KK     375
9129        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 375
9130        BA     .41
9131        LG     .50      .00     6.98      .24      .00
9132        UI     14.      14.      14.      14.      33.      49.      56.      66.      71.      78.
9133        UI     83.      89.      97.     106.     113.     128.     154.     173.     188.     164.
9134        UI    147.     133.     123.     115.     107.      97.      89.      84.      75.      69.
9135        UI     63.      54.      41.      33.      25.      25.      24.      24.      21.      14.
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9136        UI    14.    14.    14.     5.     4.     4.     4.     4.     4.     4.
9137        UI     4.     4.     4.     4.     4.     4.     4.     0.     0.     0.
9138        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

9139        KK   R375
9140        KM        ROUTE FLOW FROM CP375 TO CP374
9141        RS    39              -1
9142        RC  .075   .075   .075   5930  .0017
9143        RX  1000   1001   1002   1170   2040   2298   2299   2300
9144        RY   884    884    884    883    883    884    884    884

9145        KK  2I374
9146        KM        ADD HYDROGRAPHS AT CP374
9147        HC     2   50.32

9148        KK    376
9149        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 376
9150        BA    .42
9151        LG    .50    .00   6.90    .25    .00
9152        UI    20.    20.    20.    55.    74.    92.   103.   114.   126.   141.
9153        UI   157.   186.   232.   261.   222.   192.   172.   157.   139.   124.
9154        UI   110.    98.    85.    64.    46.    35.    34.    33.    24.    20.
9155        UI    20.    14.     6.     6.     6.     6.     6.     6.     6.     6.
9156        UI     6.     6.     0.     0.     0.     0.     0.     0.     0.     0.
9157        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

9158        KK   R376
9159        KM        ROUTE FLOW FROM CP376 TO CP374
9160        RS    32              -1
9161        RC  .075   .075   .075   5460  .0016
9162        RX  1000   1001   1002   1170   2040   2298   2299   2300
9163        RY   884    884    884    883    883    884    884    884

9164        KK  CP374
9165        KM        ADD HYDROGRAPHS AT CP374
9166        HC     2   50.74

9167        KK   R374
9168        KM        ROUTE FLOW FROM CP374 TO CP372
9169        RS    50              -1
9170        RC  .075   .075   .075  10300  .0011
9171        RX  1000   1001   1002   1020   2060   2238   2239   2240
9172        RY  1075   1073   1073   1072   1072   1073   1073   1075
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

9173        KK    305
9174        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 305
9175        BA    .92
9176        LG    .50    .00   4.25    .39    .00
9177        UI    43.    43.    43.   108.   156.   191.   217.   240.   262.   293.
9178        UI   327.   372.   470.   548.   505.   432.   383.   349.   316.   279.
9179        UI   252.   221.   202.   166.   123.    82.    76.    70.    70.    44.
9180        UI    43.    43.    24.    13.    13.    13.    13.    13.    13.    13.
9181        UI    13.    13.    13.     0.     0.     0.     0.     0.     0.     0.
9182        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

9183        KK   SR305
9184        KM        STORAGE ROUTE OVER ROOSEVELT CANAL AT CP305
9185        RS     1   STOR      0      0
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9186        SV      0     .32    4.52   15.06   24.62
9187        SQ      0       0       0     845    4777
9188        SE  1001.5    1002    1003    1004  1004.5

9189        KK   R305
9190        KM       ROUTE FLOW FROM CP305 TO CP325
9191        RS      4              -1
9192        RC   .025    .025     .07    6880   .0067
9193        RX   1000    1001    1002    1030    1040    1070    1800    2100
9194        RY    975     975     975     974     974     976     978     979

9195        KK    325
9196        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 325
9197        BA    .49
9198        LG    .50     .00    4.12     .41     .00
9199        UI    19.     19.     19.     19.     57.     68.     80.     89.     99.    106.
9200        UI   114.    125.    137.    148.    171.    208.    236.    230.    200.    178.
9201        UI   163.    151.    140.    126.    115.    107.     95.     88.     77.     62.
9202        UI    51.     33.     33.     31.     30.     27.     19.     19.     19.     16.
9203        UI     6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
9204        UI     6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
9205        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9206        KK   CP325
9207        KM       ADD HYDROGRAPHS AT CP325
9208        HC      2    1.41

9209        KK   R325
9210        KM       ROUTE FLOW FROM CP325 TO CP342
9211        RS      5              -1
9212        RC   .035    .035    .075    5280   .0074
9213        RX   1000    1001    1002    1040    1090    1800    1999    2000
9214        RY    949     949     949     948     948     950     951     951

9215        KK    342
9216        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 342
9217        BA    .39
9218        LG    .50     .00    4.13     .39     .00
9219        UI    22.     22.     33.     76.     95.    112.    125.    141.    161.    187.
9220        UI   240.    283.    236.    202.    179.    158.    138.    120.    105.     86.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

9221        UI    61.     39.     37.     36.     24.     22.     21.      7.      7.      7.
9222        UI     7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
9223        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9224        KK   CP342
9225        KM       ADD HYDROGRAPHS AT CP342
9226        HC      2    1.80

9227        KK   R342
9228        KM       ROUTE FLOW FROM CP342 TO CP353
9229        RS      2              -1
9230        RC    .03     .03    .075    2850   .0067
9231        RX   1000    1001    1002    1020    1040    1280    1640    2100
9232        RY    901     901     901     900     900     902     904     906

9233        KK   325A
9234        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 325A
9235        BA    .61
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9236        LG    .50     .00    3.84     .47     .00
9237        UI    27.     27.     27.     57.     94.    113.    130.    146.    158.    173.
9238        UI   194.    213.    251.    308.    354.    306.    267.    239.    219.    199.
9239        UI   177.    160.    143.    129.    111.     85.     63.     48.     46.     44.
9240        UI    38.     27.     27.     27.     11.      8.      8.      8.      8.      8.
9241        UI     8.      8.      8.      8.      8.      0.      0.      0.      0.      0.
9242        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9243        KK   R325A
9244        KM        ROUTE FLOW FROM CP325A TO CP341
9245        RS     19              -1      0
9246        RC   .075    .075    .075    5300   .0072
9247        RX   1000    1001    1002    1060    2010    2310    2345    2350
9248        RY    954     953     952     952     954     954     955     955

9249        KK    341
9250        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 341
9251        BA    .79
9252        LG    .50     .00    3.77     .48     .00
9253        UI    34.     34.     34.     63.    116.    138.    161.    179.    194.    212.
9254        UI   235.    259.    293.    369.    421.    418.    357.    317.    288.    266.
9255        UI   238.    214.    195.    172.    159.    133.     99.     72.     60.     57.
9256        UI    56.     46.     34.     34.     34.     15.     10.     10.     10.     10.
9257        UI    10.     10.     10.     10.     10.     10.      0.      0.      0.      0.
9258        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9259        KK   CP341
9260        KM        ADD HYDROGRAPHS AT CP341
9261        HC      2    1.40

9262        KK    R341
9263        KM        ROUTE FLOW FROM CP341 TO CP353
9264        RS     13              -1
9265        RC   .075    .075    .075    3910   .0064
9266        RX   1000    1001    1002    1150    2350    2398    2399    2400
9267        RY    913     913     913     912     912     913     913     913
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9268        KK    353
9269        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 353
9270        BA    .22
9271        LG    .50     .00    3.79     .44     .00
9272        UI    13.     13.     22.     46.     58.     67.     75.     86.     98.    120.
9273        UI   156.    155.    127.    111.     99.     85.     74.     64.     54.     39.
9274        UI    25.     22.     21.     15.     13.     12.      4.      4.      4.      4.
9275        UI     4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
9276        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9277        KK   1I353
9278        KM        ADD HYDROGRAPHS AT CP353
9279        HC      2    1.62

9280        KK   CP353
9281        KM        ADD HYDROGRAPHS AT CP353
9282        HC      2    3.42

9283        KK   SR353
9284        KM        STORAGE ROUTE THROUGH S.P.R.R. AT CP353
9285        RS      1    STOR       0       0
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9286        SV      0     .19     .54    3.31    7.74
9287        SQ      0     138     153    1483    3332
9288        SE  894.4     898   898.4     890   890.5

9289        KK   R353
9290        KM        ROUTE FLOW FROM CP353 TO CP352
9291        RS      5              -1
9292        RC   .075     .05    .075    3120   .0019
9293        RX   1000    1001    1002    1030    1440    1520    1619    1620
9294        RY    895     895     895     892     892     894     895     895

9295        KK    352
9296        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 352
9297        BA    .18
9298        LG    .50     .00    3.56     .47     .00
9299        UI    11.     11.     19.     38.     49.     56.     63.     72.     83.    102.
9300        UI   134.    124.    103.     90.     80.     68.     60.     51.     42.     29.
9301        UI    19.     18.     17.     11.     11.      8.      3.      3.      3.      3.
9302        UI     3.      3.      3.      3.      0.      0.      0.      0.      0.      0.
9303        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9304        KK   CP352
9305        KM        ADD HYDROGRAPHS AT CP352
9306        HC      2    3.60

9307        KK   SR352
9308        KM        STORAGE ROUTE OVER BUCKEYE CANAL AT CP352
9309        RS      1    STOR       0       0
9310        SV      0     .08   14.16   18.99   64.86
9311        SQ      0       0       0      21    2267
9312        SE  889.9     890   891.7     892     894
                                     HEC-1 INPUT                                    PAGE213

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


9313        KK   R352
9314        KM        ROUTE FLOW FROM CP352 TO CP372
9315        RS     34              -1
9316        RC   .075    .075    .075   10300   .0022
9317        RX   1000    1001    1002    1020    2060    2238    2239    2240
9318        RY   1075    1073    1073    1072    1072    1073    1073    1075

9319        KK    372
9320        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 372
9321        BA   1.62
9322        LG    .50     .00    3.56     .33     .00
9323        UI    45.     45.     45.     45.     45.     91.    148.    167.    184.    209.
9324        UI   221.    241.    253.    266.    282.    302.    324.    343.    366.    406.
9325        UI   462.    530.    597.    576.    514.    468.    434.    406.    381.    363.
9326        UI   342.    316.    295.    277.    262.    239.    224.    212.    192.    172.
9327        UI   130.    126.     80.     80.     80.     75.     74.     74.     58.     45.
9328        UI    45.     45.     45.     45.     14.     14.     14.     14.     14.     14.
9329        UI    14.     14.     14.     14.     14.     14.     14.     14.     14.     14.
9330        UI    14.     14.      0.      0.      0.      0.      0.      0.      0.      0.
9331        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9332        KK   1I372
9333        KM        ADD HYDROGRAPHS AT CP372
9334        HC      3   55.96

9335        KK    385
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9336        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 385
9337        BA     .39
9338        LG     .50     .00    7.53     .19     .00
9339        UI     16.     16.     16.     25.     53.     63.     75.     82.     90.     97.
9340        UI    107.    119.    129.    153.    184.    212.    186.    162.    146.    134.
9341        UI    124.    111.    100.     92.     81.     75.     63.     48.     36.     28.
9342        UI     27.     26.     25.     16.     16.     16.     12.      5.      5.      5.
9343        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
9344        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9345        KK    R385
9346        KM        ROUTE FLOW FROM CP385 TO CP384
9347        RS     20              -1
9348        RC    .075    .075    .075    2960   .0014
9349        RX    1000    1001    1002    1050    2100    2228    2229    2230
9350        RY    1078    1078    1078    1076    1076    1077    1077    1077

9351        KK     384
9352        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 384
9353        BA     .29
9354        LG     .46     .02    7.54     .18    2.00
9355        UI     15.     15.     19.     53.     65.     77.     86.     96.    109.    123.
9356        UI    150.    193.    188.    157.    137.    123.    108.     95.     83.     73.
9357        UI     59.     43.     27.     26.     25.     19.     15.     15.      7.      5.
9358        UI      5.      5.      5.      5.      5.      5.      5.      0.      0.      0.
9359        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9360        KK   CP384
9361        KM        ADD HYDROGRAPHS AT CP384
9362        HC       2     .65

9363        KK    R384
9364        KM        ROUTE FLOW FROM CP384 TO CP372
9365        RS     36              -1
9366        RC    .075    .075    .075    5460   .0013
9367        RX    1000    1001    1010    1025    1980    2188    2189    2190
9368        RY    1075    1075    1074    1072    1072    1073    1073    1073

9369        KK   2I372
9370        KM        ADD HYDROGRAPHS AT CP372
9371        HC       2   56.61

9372        KK     18
9373        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 18.
9374        BA     .81
9375        LG     .20     .34    3.25    1.12    9.50
9376        UI    213.    719.   1128.   1731.   1159.    722.    301.    171.     49.     47.
9377        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9378        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9379        KK     R18
9380        KM        ROUTE FLOW FROM CP18 TO CP19.
9381        RS       2              -1       0
9382        RC     .08     .05     .08    7800   .0615
9383        RX    1000    1030    1080    1097    1120    1140    1205    1218
9384        RY    1520    1518    1514    1510    1510    1512    1518    1520

9385        KK     19
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9386        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 19.
9387        BA     .79
9388        LG     .19     .33    3.31    1.07    8.70
9389        UI     84.    195.    385.    496.    632.    936.    940.    708.    553.    427.
9390        UI    278.    147.    120.     84.     32.     26.     26.     26.      0.      0.
9391        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9392        KK    CP19
9393        KM        ADD HYDROGRAPHS AT CP19.
9394        HC       2

9395        KK     R19
9396        KM        ROUTE COMBINED HYDROGRPAH AT CP19 TO CP21.
9397        RS       2              -1       0
9398        RC     .06     .04     .06    5772   .0246
9399        RX    1000    1010    1025    1040    1055    1069    1080    1100
9400        RY    1466    1464    1460    1458    1458    1460    1466    1467
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9401        KK      21
9402        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 21.
9403        BA     .79
9404        LG     .19     .31    3.81     .78    4.70
9405        UI     84.    191.    380.    491.    623.    915.    948.    711.    558.    430.
9406        UI    291.    149.    124.     84.     37.     26.     26.     26.      0.      0.
9407        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9408        KK  I1CP21
9409        KM        ADD HYDROGRAPHS AT CP21.
9410        HC       2

9411        KK      20
9412        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 20.
9413        BA    1.07
9414        LG     .19     .33    3.33    1.05    8.40
9415        UI    119.    294.    560.    721.    938.   1414.   1211.    931.    714.    535.
9416        UI    286.    200.    132.     83.     36.     36.     36.     36.      0.      0.
9417        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9418        KK    SR20
9419        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP20.
9420        RS       1    STOR       0       0
9421        SV       0    1.05    9.43   26.91   54.31   92.89  138.67  176.47  190.08  219.05
9422        SV  249.57
9423        SQ       0       0       0       0       0       0       0       0     265    1377
9424        SQ    2963
9425        SE    1443    1446    1450    1454    1458    1462    1466    1469    1470    1472
9426        SE    1474

9427        KK     R20
9428        KM        ROUTE REMAINDER OF FLOW AT CP20  TO CP21
9429        RS       4              -1       0
9430        RC     .06    .045     .06    6240   .0208
9431        RX    1000    1012    1025    1032    1050    1057    1070    1092
9432        RY    1424    1422    1420    1418    1418    1420    1422    1424

9433        KK    CP21
9434        KM        ADD HYDROGRAPHS AT CP21.
9435        HC       2
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9436        KK    SR21
9437        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP21
9438        RS      1    STOR       0       0
9439        SV      0     .68   20.68   57.58   95.91  102.34  117.65     130
9440        SQ      0       0       0       0       0     265    1377    2000
9441        SE   1319    1320    1330    1340    1347    1348    1350    1351

9442        KK    R21
9443        KM        ROUTE REMAINDER OF FLOW AT CP21 TO CP23
9444        RS      1              -1       0
9445        RC    .03     .03     .05    2340   .0196
9446        RX   1000    1030    1050    1070    1145    1212    1225    1250
9447        RY   1310    1306    1304    1302    1302    1304    1306    1310
```



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


9448        KK     23
9449        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 23.
9450        BA    .16
9451        LG    .18     .32    4.04     .65   10.60
9452        UI   111.    327.    471.    228.     68.     20.      0.      0.      0.      0.
9453        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9454        KK   CP23
9455        KM        ADD HYDROGRAPHS AT CP23
9456        HC      2

9457        KK   SR23
9458        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP23.
9459        RS      1    STOR       0       0
9460        SV      0    6.04   20.38   53.82  120.38  216.24  325.98  455.42   606.1  645.49
9461        SV 685.61  767.98
9462        SQ      0       0       0       0       0       0       0       0       0       0
9463        SQ    928    8950
9464        SE   1272    1276    1280    1284    1288    1292    1296    1300    1304    1305
9465        SE   1306    1308

9466        KK    R23
9467        KM        ROUTE REMAINDER OF FLOW AT CP23 TO CP22A
9468        RS      4              -1       0
9469        RC    .05     .03     .05    4992    .005
9470        RX    930     975    1000    1010    1030    1040    1041    1042
9471        RY   1397  1396.5    1396    1394    1394    1396  1396.5    1397

9472        KK     22
9473        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 22
9474        BA    .57
9475        LG    .19     .33    3.38    1.03    7.40
9476        UI    77.    258.    418.    563.    888.    745.    546.    395.    215.    129.
9477        UI    79.     34.     24.     24.      0.      0.      0.      0.      0.      0.
9478        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9479        KK    R22
9480        KM        ROUTE FLOW FROM CP22 TO CP22A
9481        RS      3              -1       0
9482        RC    .05     .03     .05    6230    .025
9483        RX   1000    1030    1060    1070    1100    1115    1125    1150
9484        RY   1294    1292    1290    1288    1288    1290    1292    1294
```

```
9485        KK     22A
9486        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 22A
9487        BA     .50
9488        LG     .15     .29    3.74     .29    1.00
9489        UI     74.    286.    436.    640.    862.    603.    424.    253.    126.     79.
9490        UI     30.     23.     23.      0.      0.      0.      0.      0.      0.      0.
9491        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


9492        KK  I1C22A
9493        KM        ADD HYDROGRAPHS AT CP22A
9494        HC       2

9495        KK   CP22A
9496        KM        ADD HYDROGRAPHS AT CP22A
9497        HC       2

9498        KK    R22A
9499        KM        ROUTE COMBINED HYDROGRAPHS AT CP22A TO CP25
9500        RS       4              -1       0
9501        RC     .03     .03     .05    7022   .0079
9502        RX    1000    1030    1040    1047    1070    1097    1120    1200
9503        RY    1255    1254    1250    1248    1250    1252    1254    1255

9504        KK      25
9505        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 25
9506        BA     .46
9507        LG     .15     .31    4.27     .49     .00
9508        UI     53.    137.    254.    327.    437.    640.    505.    389.    295.    207.
9509        UI    106.     80.     53.     22.     16.     16.     16.      0.      0.      0.
9510        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9511        KK  I1CP25
9512        KM        ADD HYDROGRAPHS AT CP25
9513        HC       2

9514        KK      24
9515        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 24
9516        BA     .14
9517        LG     .35     .31    3.77     .31     .00
9518        UI     21.     85.    128.    193.    241.    165.    115.     61.     34.     20.
9519        UI      7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
9520        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9521        KK    SR24
9522        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP24
9523        RS       1    STOR       0       0
9524        SV       0     .46    2.96    16.6      86  221.55  282.99  306.59  357.02
9525        SQ       0       0       0       0       0       0       0      50    2598
9526        SE    1210    1214    1216    1220    1230    1240    1243    1244    1246

9527        KK     R24
9528        KM        ROUTE REMAINDER OF FLOW AT CP24 TO CP25
9529        RS       1              -1       0
9530        RC     .05     .03     .05    1326    .021
9531        RX    1000    1040    1070    1100    1200    1220    1245    1265
9532        RY    1234    1232    1230    1228    1228    1230    1232    1234
```

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

9533          KK    CP25
9534          KM        COMBINE HYDROGRAPHS AT CP25
9535          HC       2

9536          KK    SR25
9537          KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP25
9538          RS       1    STOR       0       0
9539          SV       0    5.61   10.27   13.15   16.62   26.62
9540          SQ       0       0       0       0     125    2273
9541          SE    1204    1210    1212    1213    1214    1216

9542          KK      26
9543          KM        RUNOFF FROM SUB-BASIN 26
9544          BA    1.16
9545          LG     .17     .30    3.97     .68    3.10
9546          UI    103.    163.    401.    532.    639.    787.   1092.   1251.    956.    788.
9547          UI    637.    510.    359.    200.    171.    117.     99.     32.     32.     32.
9548          UI     32.     32.      0.      0.      0.      0.      0.      0.      0.      0.
9549          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9550          KK     R26
9551          KM        ROUTE FLOW FROM CP26 TO CP27
9552          RS       4              -1       0
9553          RC     .05     .03     .05    7020   .0157
9554          RX    1000    1012    1025    1040    1090    1105    1112    1120
9555          RY    1250    1248    1245    1242    1242    1244    1247    1250

9556          KK      27
9557          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 27
9558          BA    1.00
9559          LG     .15     .31    4.27     .48     .30
9560          UI    101.    206.    438.    567.    705.    970.   1225.    936.    750.    587.
9561          UI    450.    256.    172.    129.     99.     31.     31.     31.     31.      0.
9562          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9563          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9564          KK  I1CP27
9565          KM        ADD HYDROGRAPHS AT CP27
9566          HC       2

9567          KK    SR27
9568          KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP27
9569          RS       1    STOR       0       0
9570          SV       0     .13    5.77    9.37   11.42   13.71   19.21
9571          SQ       0       0       0       0       0     550    4546
9572          SE    1203    1204    1210    1212    1213    1214    1216

9573          KK    CP27
9574          KM        ADD REMAINING FLOW OF CP25 & CP27 AT CP27
9575          HC       2
```



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

9576          KK     R27
9577          KM        ROUTE COMBINED REMAINDER FLOW AT CP27 TO CP39
9578          RS       3              -1       0
9579          RC     .03     .03     .05    5928   .0084
```

```
9580        RX    1000    1010    1020    1025    1055    1085    1175    1250
9581        RY    1210    1210    1210    1202    1202    1204    1206    1208

9582        KK      34
9583        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 34
9584        BA     .36
9585        LG     .20     .34    3.21    1.14   10.00
9586        UI     57.    229.    343.    530.    615.    416.    284.    139.     81.     43.
9587        UI     17.     17.      0.      0.      0.      0.      0.      0.      0.      0.
9588        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9589        KK      33
9590        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 33
9591        BA     .65
9592        LG     .20     .34    3.21    1.14   10.00
9593        UI     99.    392.    591.    888.   1120.    769.    535.    290.    159.     93.
9594        UI     30.     30.     30.      0.      0.      0.      0.      0.      0.      0.
9595        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9596        KK    CP33
9597        KM        ADD HYDROGRAPHS AT CP33
9598        HC       2

9599        KK     R33
9600        KM        ROUTE COMBINED HYDROGRAPHS AT CP33 TO CP35
9601        RS       2              -1       0
9602        RC     .08     .05     .08    4680   .0427
9603        RX    1000    1015    1022    1035    1050    1068    1092    1100
9604        RY    1800    1760    1720    1680    1680    1720    1760    1800

9605        KK      35
9606        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 35
9607        BA     .39
9608        LG     .20     .34    3.21    1.14   10.00
9609        UI     72.    272.    410.    672.    631.    428.    270.    119.     74.     28.
9610        UI     20.     20.      0.      0.      0.      0.      0.      0.      0.      0.
9611        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9612        KK  I1CP35
9613        KM        ADD HYDROGRAPHS AT CP35
9614        HC       2

9615        KK      32
9616        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 32
9617        BA    1.29
9618        LG     .20     .34    3.21    1.14   10.00
9619        UI    130.    270.    570.    738.    919.   1268.   1585.   1202.    963.    753.
9620        UI    575.    317.    221.    161.    121.     40.     40.     40.     40.      0.
9621        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9622        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

9623        KK    CP35
9624        KM        ADD HYDROGRAPHS AT CP35
9625        HC       2

9626        KK     R35
9627        KM        ROUTE COMBINED HYDROGRAPHS AT CP35 TO CP36
9628        RS       2              -1       0
```

```
9629        RC    .06    .035     .06    5070   .0355
9630        RX   1000    1012    1023    1034    1045    1056    1067    1079
9631        RY   1429    1428    1426    1424    1424    1426    1428    1429

9632        KK     36
9633        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 36
9634        BA    .24
9635        LG    .16     .34    2.38    1.41    1.10
9636        UI    34.    127.    197.    278.    409.    297.    212.    140.     65.     43.
9637        UI    22.     11.     11.      0.      0.      0.      0.      0.      0.      0.
9638        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9639        KK  I1CP36
9640        KM        ADD HYDROGRAPHS AT CP36
9641        HC      2

9642        KK     37
9643        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 37
9644        BA    .95
9645        LG    .19     .34    3.24    1.08    8.40
9646        UI    90.    167.    373.    488.    598.    764.   1104.    941.    747.    598.
9647        UI   475.    344.    190.    151.    103.     81.     28.     28.     28.     28.
9648        UI    28.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9649        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9650        KK   CP36
9651        KM        ADD HYDROGRAPHS AT CP 36
9652        HC      2

9653        KK    R36
9654        KM        ROUTE COMBINED HYDROGRAPHS AT CP36 TO CP38
9655        RS      2              -1       0
9656        RC    .05     .03     .05    4836   .0198
9657        RX   1000    1008    1020    1032    1050    1112    1135    1183
9658        RY   1344    1342    1340    1338    1338    1340    1342    1344

9659        KK     38
9660        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 38
9661        BA    .76
9662        LG    .17     .34    3.21     .97    4.50
9663        UI   103.    354.    568.    770.   1209.    983.    720.    513.    270.    168.
9664        UI   103.     36.     32.     32.      0.      0.      0.      0.      0.      0.
9665        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

9666        KK   CP38
9667        KM        ADD HYDROGRAPHS AT CP38
9668        HC      2

9669        KK   SR38
9670        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP38
9671        RS      1    STOR       0       0
9672        SV      0    1.83   15.38   39.25   41.76   47.45   60.58
9673        SQ      0       0       0       0      44    2223    6550
9674        SE   1275    1280    1290  1297.5    1298    1300    1301

9675        KK    R38
9676        KM        ROUTE REMAINDER OF FLOW AT CP38 TO CP39
9677        RS      3              -1       0
```

```
9678        RC    .05     .03     .05    5438   .0167
9679        RX   1000    1005    1010    1025    1055    1085    1175    1250
9680        RY   1212    1211    1210    1202    1202    1204    1206    1208

9681        KK     39
9682        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 39
9683        BA    .77
9684        LG    .15     .34    3.81     .63     .20
9685        UI    64.     82.    232.    313.    372.    450.    565.    791.    683.    550.
9686        UI   460.    376.    308.    213.    122.    106.     77.     64.     29.     20.
9687        UI    20.     20.     20.     20.      0.      0.      0.      0.      0.      0.
9688        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9689        KK  I1CP39
9690        KM        ADD HYDROGRAPHS AT CP39
9691        HC      2

9692        KK   CP39
9693        KM        ADD HYDROGRAPHS AT CP39
9694        HC      2

9695        KK    R39
9696        KM        ROUTE COMBINED HYDROGRAPH AT CP39 TO CP42
9697        RS      2              -1       0
9698        RC    .03     .03     .05    4836   .0141
9699        RX   1000    1005    1015    1025    1055    1070    1087    1130
9700        RY   1143    1142    1140    1132    1132    1136    1140    1142

9701        KK     40
9702        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 40
9703        BA    .52
9704        LG    .18     .34    3.54     .89    7.00
9705        UI    73.    258.    407.    562.    862.    658.    478.    331.    158.    104.
9706        UI    61.     22.     22.     22.      0.      0.      0.      0.      0.      0.
9707        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

9708        KK    R40
9709        KM        ROUTE FLOW FROM CP40 TO CP42
9710        RS      4              -1       0
9711        RC    .05     .03     .05    6396   .0086
9712        RX   1000    1010    1065    1095    1135    1155    1215    1220
9713        RY   1115    1114    1112    1110    1110    1112    1113    1113

9714        KK     42
9715        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 42
9716        BA   1.18
9717        LG    .21     .32    4.21     .45     .10
9718        UI    98.    128.    359.    483.    575.    696.    878.   1223.   1042.    840.
9719        UI   701.    573.    467.    322.    182.    163.    115.     98.     39.     30.
9720        UI    30.     30.     30.     30.      0.      0.      0.      0.      0.      0.
9721        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9722        KK  I1CP42
9723        KM        ADD HYDROGRAPHS AT CP42
9724        HC      2

9725        KK   CP42
9726        KM        ADD HYDROGRAPHS AT CP42
```

```
HC      2

KK    SR42
KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP42
RS      1    STOR       0       0
SV      0     .11   10.43   41.63    69.9   77.34    94.2  113.66   134.7  160.78
SQ      0       0       0       0       0     163     844    2096    4630   13500
SE 1071.5    1072    1080    1090    1095    1096    1098    1100    1102    1104

KK     R42
KM        ROUTE REMAINDER OF HYDROGRAPH AT CP42 TO CP43
RS      1       ?      -1       0
RC    .03     .03     .05     858   .0151
RX    900     950    1000    1030    1060    1075    1080    1090
RY   1090    1088    1086    1084    1084    1086    1088    1090

KK    41A1
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41A1.
BA    .02
LG    .35     .31    3.70     .31     .00
UI    35.     87.     28.      4.      0.      0.      0.      0.      0.      0.
UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK  SR41A1
KM        STORAGE ROUTE THROUGH 30" CMP AT STA 6255+85 ON I-10.
RS      1    STOR       0       0
SV      0     .43     .53     .63     .74    1.24    1.65    3.40    6.20
SQ      0      10      14      18      23      29      33     869    6050
SE 1133.4 1134.91 1135.23 1135.58 1135.97 1137.62  1139.0  1140.3 1143.85
```

Channel Routing
Modified Puls
Reservoir volume
Discharge
Elevation

Normal depth storage
(Channel routing)

Storage routing


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

KK  CP41A1
KM        DIVERT FLOW FROM CP41A1 TO CP303
DT   1D303
DI      0      14      23      33     869    6050
DQ      0      14      23      33      35      42

KK   R41A1
KM        ROUTE REMAINDER FROM CP41A1 TO CP41A2.
RS      1              -1       0
RC    .06     .03     .04     580   .0093
RX    600     800     900     965    1000    1020    1030    1040
RY   1147    1143    1142    1141    1141    1143    1145    1145

KK    41A2
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41A2.
BA    .03
LG    .35     .34    3.91     .57     .00
UI    46.    124.     51.      9.      0.      0.      0.      0.      0.      0.
UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK  CP41A2
KM        ADD HYDROGRAPHS AT CP41A2.
HC      2     .05

KK  SR41A2
KM        STORAGE ROUTE THROUGH 30" CMP AT STA 6261+65 ON I-10.
RS      1    STOR       0       0
SV      0     .10     .24     .31     .62    1.72
```

```
9776        SQ      0       8      19      24     624    2104
9777        SE  1132.7 1134.07 1134.98 1135.56 1137.34 1139.65

9778        KK  CP41A2
9779        KM       DIVERT FLOW FROM CP41A2 TO CP303
9780        DT   2D303
9781        DI      0       8      19      24     624    2104
9782        DQ      0       8      19      24      30      36

9783        KK   R41A2
9784        KM       ROUTE REMAINDER FROM CP41A2 TO CP41A3.
9785        RS      1              -1       0
9786        RC    .06     .03     .04     595   .0093
9787        RX    600     800     900     965    1000    1020    1030    1040
9788        RY   1140    1136    1135    1134    1134    1136    1138    1140

9789        KK    41A3
9790        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 41A3.
9791        BA    .03
9792        LG    .35     .31    3.64     .30     .00
9793        UI    38.    112.     64.     14.      4.      0.      0.      0.      0.      0.
9794        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE224

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


9795        KK  CP41A3
9796        KM       ADD HYDROGRAPHS AT CP41A3.
9797        HC      2     .08

9798        KK  SR41A3
9799        KM       STORAGE ROUTE THROUGH 30" CMP AT STA 6267+60 ON I-10
9800        RS      1    STOR       0       0
9801        SV      0     .86    1.05    1.25    1.48    2.51    2.84    4.15    5.46    8.08
9802        SQ      0      10      14      18      23      29      32     254     654     896
9803        SE  1128.6 1130.13 1130.45 1130.80 1131.19 1132.94  1133.5  1134.0  1134.5 1135.57

9804        KK  CP41A3
9805        KM       DIVERT FLOW FROM CP41A3 TO CP303
9806        DT   3D303
9807        DI      0      10      14      18      23      29      32     254     659    1896
9808        DQ      0      10      14      18      23      29      32      33      34      35

9809        KK   R41A3
9810        KM       ROUTE REMAINDER FROM CP41A3 TO CP41A.
9811        RS      1              -1       0
9812        RC    .06     .03     .04     628   .0093
9813        RX    600     800     900     965    1000    1020    1030    1040
9814        RY   1135    1131    1130    1129    1129    1131    1133    1133

9815        KK     41A
9816        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 41A.
9817        BA    .05
9818        LG    .35     .34    4.01     .53     .00
9819        UI    44.    136.    137.     51.     14.      5.      0.      0.      0.      0.
9820        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9821        KK   CP41A
9822        KM       ADD HYDROGRAPHS AT CP41A.
9823        HC      2     .13
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9824        KK   SR41A
9825        KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6273+88 ON I-10
9826        RS       1    STOR       0       0
9827        SV       0    1.22    2.65    3.07    3.20    4.78    6.37    7.96    9.57
9828        SQ       0      10      36      44      45     312     799    1429    2047
9829        SE  1124.4 1125.75 1127.38 1127.86  1128.0  1128.5  1129.0  1129.5 1129.92

9830        KK   CP41A
9831        KM        DIVERT FLOW FROM CP41A TO CP303
9832        DT   4D303
9833        DI       0      10      36      44      45     312     799    1429    2047
9834        DQ       0      10      36      44      45      47      49      51      52

9835        KK    R41A
9836        KM        ROUTE REMAINDER FROM CP41A TO CP41-1.
9837        RS       1              -1       0
9838        RC     .06     .03     .04    1437   .0093
9839        RX     600     800     900     965    1000    1020    1030    1040
9840        RY    1122    1118    1117    1116    1116    1118    1120    1120
1                                        HEC-1 INPUT                                                    PAGE225

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


9841        KK    41-1
9842        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41-1
9843        BA     .15
9844        LG     .35     .35    3.78     .62     .00
9845        UI     45.    148.    244.    325.    203.    111.     46.     21.      9.      9.
9846        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9847        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9848        KK  CP41-1
9849        KM        ADD HYDROGRAPHS AT CP41-1
9850        HC       2     .28

9851        KK  SR41-1
9852        KM        STORAGE ROUTE THROUGH 2-36" CMP AT STA 6288+25 ON I-10.
9853        RS       1    STOR       0       0
9854        SV       0     .73    3.47    3.94    4.53    5.12    5.71
9855        SQ       0      10      36      44     489    1300    2348
9856        SE  1112.7 1114.08 1115.71    1116  1116.5    1117  1117.5

9857        KK  CP41-1
9858        KM        DIVERT FLOW FROM CP41-1 TO CP303
9859        DT   5D303
9860        DI       0      10      36      44     489    1300    2348
9861        DQ       0      10      36      44      47      50      52

9862        KK   R41-1
9863        KM        ROUTE REMAINDER FROM CP41-1 TO CP41-2.
9864        RS       1              -1       0
9865        RC     .06     .03     .04    1697   .0075
9866        RX     600     800     900     965    1000    1020    1030    1040
9867        RY    1104    1102    1101    1100    1100    1102    1104    1105

9868        KK    41-2
9869        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41-2
9870        BA     .10
9871        LG     .35     .35    3.87     .58     .30
9872        UI     31.    101.    169.    216.    133.     69.     30.     13.      6.      0.
9873        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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9874        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9875        KK  CP41-2
9876        KM        ADD HYDROGRAPHS AT CP41-2
9877        HC       2     .38

9878        KK  SR41-2
9879        KM        STORAGE ROUTE THROUGH 2-42" CMP AT STA 6305+22 ON I-10.
9880        RS       1    STOR       0       0
9881        SV       0     .84    1.23    1.78    2.46    3.31    4.34    5.61    7.63   11.57
9882        SV   13.47   15.30   19.63   23.76
9883        SQ       0      10      14      18      23      29      35      42      50      56
9884        SQ     201     419     469    1836
9885        SE  1099.2 1100.45 1100.70 1100.96 1101.23 1101.52 1101.83 1102.17 1102.83  1103.5
9886        SE  1103.8    1104  1104.5 1104.95
1                                          HEC-1 INPUT                                          PAGE226

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


9887        KK  CP41-2
9888        KM        DIVERT FLOW FROM CP41-2 TO CP303
9889        DT   6D303
9890        DI       0      10      14      18      23      29      35      42      50      56
9891        DI     201     419     469    1836
9892        DQ       0      10      14      18      23      29      35      42      50      56
9893        DQ      59      61      64      68

9894        KK   R41-2
9895        KM        ROUTE REMAINDER FROM CP41-2 TO CP41.
9896        RS       1              -1       0
9897        RC     .06     .03     .04     978   .0053
9898        RX     650     800     850     965    1000    1020    1030    1040
9899        RY    1100    1099    1098    1096    1096    1098    1100    1101

9900        KK      41
9901        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41
9902        BA     .58
9903        LG     .21     .34    4.24     .44     .30
9904        UI     56.    108.    237.    308.    380.    493.    696.    562.    450.    357.
9905        UI    282.    193.    103.     90.     56.     38.     17.     17.     17.     17.
9906        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9907        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9908        KK    CP41
9909        KM        ADD HYDROGRAPHS AT CP41
9910        HC       2     .68

9911        KK    SR41
9912        KM        STORAGE ROUTE THROUGH 2-36" CMP AT STA 6315+00 ON I-10.
9913        RS       1    STOR       0       0
9914        SV       0     .09     .37     .86    2.15    2.99    4.92    5.83    7.92   11.06
9915        SV   15.07
9916        SQ       0       8      11      15      24      30      36      42      43     400
9917        SQ    1219
9918        SE  1094.6 1095.91 1096.15 1096.42 1096.99 1097.30 1097.91 1099.12  1099.5  1100.0
9919        SE  1100.6

9920        KK    CP41
9921        KM        DIVERT FLOW FROM CP41 TO CP303
9922        DT   7D303
9923        DI       0       8      11      15      24      30      36      42      43     400
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9924        DI    1219
9925        DQ       0       8      11      15      24      30      36      42      43      46
9926        DQ      50

9927        KK     R41
9928        KM         ROUTE REMAINDER FROM CP41 TO CP43-1.
9929        RS       1              -1       0
9930        RC     .06     .03     .04     700   .0053
9931        RX     650     800     850     965    1000    1020    1030    1040
9932        RY    1098    1097    1096    1094    1094    1096    1098    1099
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9933        KK    43-1
9934        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 43-1
9935        BA     .04
9936        LG     .35     .35    4.29     .40     .90
9937        UI     25.     74.    117.     63.     21.      7.      3.      0.      0.      0.
9938        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9939        KK   CP43-1
9940        KM         ADD HYDROGRAPHS AT CP43-1
9941        HC       2     1.0

9942        KK   SR43-1
9943        KM         STORAGE ROUTE THROUGH 5-48" CMP FROM STA 6319+32 TO STA 6324+32 ON I-10.
9944        RS       1    STOR       0       0
9945        SV       0     .37     .80    1.58    2.71    4.54    5.86    7.60   12.33   14.79
9946        SV   21.44
9947        SQ       0      32      60     102     120     220     260     301     357     501
9948        SQ    1057
9949        SE  1091.7 1092.82 1093.25 1093.72 1094.21 1094.77 1095.08 1095.43 1096.19  1096.5
9950        SE  1097.0

9951        KK   CP43-1
9952        KM         DIVERT FLOW FROM CP43-1 TO CP303A
9953        DT   1D303A
9954        DI       0      32      60     102     120     220     260     301     357     501
9955        DI    1057
9956        DQ       0      32      60     102     120     220     260     301     357     378
9957        DQ     417

9958        KK    R43-1
9959        KM         ROUTE REMAINDER FROM CP43-1 TO CP43-2.
9960        RS       1              -1       0
9961        RC     .06     .03     .04     500    .005
9962        RX     600     725     800     965    1000    1020    1030    1040
9963        RY    1095    1094  1093.5    1093    1093    1094    1096    1097

9964        KK    43-2
9965        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 43-2
9966        BA     .01
9967        LG     .35     .35    4.25     .42    1.30
9968        UI      9.     28.     27.     10.      2.      1.      0.      0.      0.      0.
9969        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9970        KK   CP43-2
9971        KM         ADD HYDROGRAPHS AT CP43-2
9972        HC       2    1.01
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9973        KK  SR43-2
9974        KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6326+40 ON I-10.
9975        RS       1    STOR       0       0
9976        SV       0     .12     .38     .71    1.11    1.61    3.12    3.95    5.19    6.02
9977        SQ       0       8      12      15      20      24      36      38     128     222
9978        SE  1092.0 1093.28 1093.52 1093.78 1094.05 1094.35 1095.13  1095.5  1096.0  1096.3
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9979        KK  CP43-2
9980        KM        DIVERT FLOW FROM CP43-2 TO CP303A
9981        DT  2D303A
9982        DI       0       8      12      15      20      24      36      38     128     222
9983        DQ       0       8      12      15      20      24      36      38      40      43

9984        KK   R43-2
9985        KM        ROUTE REMAINDER FROM CP43-2 TO CP43-3.
9986        RS       1              -1       0
9987        RC     .06     .03     .04    1000    .003
9988        RX     750     800     900     965    1000    1020    1030    1040
9989        RY  1096.5    1096    1094    1093    1093    1094    1096    1097

9990        KK    43-3
9991        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-3
9992        BA     .05
9993        LG     .35     .35    4.30     .40     .90
9994        UI     68.    195.     98.     20.      0.      0.      0.      0.      0.      0.
9995        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9996        KK  CP43-3
9997        KM        ADD HYDROGRAPHS AT CP43-3.
9998        HC       2    1.06

9999        KK  SR43-3
10000       KM        STORAGE ROUTE THROUGH 3-36" CMPS FROM STA 6330+50 TO STA 6340+10 ON I-10
10001       RS       1    STOR       0       0
10002       SV       0    2.47    3.51    4.85    6.37    8.27   10.69   13.89   18.76   30.99
10003       SQ       0      27      36      48      63      78      93     165     364     951
10004       SE  1092.8 1094.12 1094.37 1094.65 1094.93 1095.24 1095.59    1096 1096.56 1097.79

10005       KK  CP43-3
10006       KM        DIVERT FLOW FROM CP43-3 TO CP303A
10007       DT  3D303A
10008       DI       0      27      36      48      63      78      93     165     364     951
10009       DQ       0      27      36      48      63      78      93     102     114     135

10010       KK   R43-3
10011       KM        ROUTE REMAINDER FROM CP43-3 TO CP43-4.
10012       RS       1              -1       0
10013       RC     .06     .03     .04     800    .018
10014       RX     800     850     930     965    1000    1020    1030    1040
10015       RY  1096.5    1096    1094    1093    1093    1096    1097  1097.5

10016       KK    43-4
10017       KM        RUNOFF HYDROGRAP FROM SUB-BASIN 43-4
10018       BA     .03
10019       LG     .35     .35    4.28     .41     .80
10020       UI     43.    121.     54.     10.      0.      0.      0.      0.      0.      0.
10021       UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

10022         KK  CP43-4
10023         KM        ADD HYDROGRAPHS AT CP43-4
10024         HC       2    1.09

10025         KK  SR43-4
10026         KM        STORAGE ROUTE THROUGH 2-36" CMPS FROM STA 6343+25 TO STA 6345+65 ON I10
10027         RS       1    STOR       0       0
10028         SV       0     .89    1.27     1.8    2.43    3.24    3.31    4.75    7.05   12.83
10029         SQ       0      18      24      32      42      52      62     131     326     906
10030         SE  1092.8 1094.12 1094.37 1094.65 1094.93 1095.24 1095.59    1096 1096.56 1097.79

10031         KK  CP43-4
10032         KM        DIVERT FLOW AT STA 6345+65
10033         DT  DI43-4
10034         DI       0      18      24      32      42      52      62     131     326     906
10035         DQ       0      18      24      32      42      52      62      68      76      90

10036         KK   R43-4
10037         KM        ROUTE REMAINDER FROM CP43-4 TO CP43-5
10038         RS       1              -1       0
10039         RC     .06     .03     .04     500    .018
10040         RX     800     850     930     965    1000    1020    1030    1040
10041         RY  1096.5    1096    1094    1093    1093    1096    1097  1097.5

10042         KK    43-5
10043         KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-5
10044         BA     .02
10045         LG     .35     .35    4.25     .39     .00
10046         UI     27.     79.     39.      8.      0.      0.      0.      0.      0.      0.
10047         UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10048         KK  CP43-5
10049         KM        ADD HYDROGRAPHS AT CP43-5
10050         HC       2    1.11

10051         KK  SR43-5
10052         KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6349+45 ON I-10
10053         RS       1    STOR       0       0
10054         SV       0     .09     .24     .44     .69     1.0    1.42    2.14    2.76    3.73
10055         SV    4.84    5.94
10056         SQ       0       9      13      17      22      27      34      40      42      44
10057         SQ     134     276
10058         SE  1089.8 1091.09 1091.35 1091.64 1091.94 1092.26 1092.62 1093.13  1093.5    1094
10059         SE  1094.5 1094.94

10060         KK  CP43-5
10061         KM        DIVERT FLOW AT STA 6349+45.
10062         DT  DI43-5
10063         DI       0       9      13      17      22      27      34      40      42      44
10064         DI     134     276
10065         DQ       0       9      13      17      22      27      34      40      42      44
10066         DQ      46      48
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

10067         KK   R43-5
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10068          KM        ROUTE REMAINDER FROM CP43-5 TO CP43-6
10069          RS       1              -1       0
10070          RC     .06      .03     .04     455   .0068
10071          RX     800      850     930     965    1000    1020    1030    1040
10072          RY    1096     1094    1093    1092    1092    1094    1096  1097.5

10073          KK    43-6
10074          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-6
10075          BA     .02
10076          LG     .35      .35    4.17     .38     .00
10077          UI     36.      87.     27.      4.      0.      0.      0.      0.      0.      0.
10078          UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

10079          KK  CP43-6
10080          KM        ADD HYDROGRAPHS AT CP43-6
10081          HC       2    1.13

10082          KK  SR43-6
10083          KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6354+00 ON I-10
10084          RS       1    STOR       0       0
10085          SV       0    1.59    2.29    3.18    4.29    5.62    7.39    9.53   14.20   30.25
10086          SV   32.52    38.0   43.84   49.83   55.96   59.96
10087          SQ       0       9      13      17      22      27      33      39      47      55
10088          SQ      56     141     325     811    1440    2714
10089          SE  1089.3 1090.58 1090.84 1091.12 1091.42 1091.73 1092.09 1092.47 1093.23 1095.27
10090          SE  1095.5  1096.0  1096.5  1097.0  1097.5 1097.82

10091          KK  CP43-6
10092          KM        DIVERT FLOW AT STA 6354+00.
10093          DT  DI43-6
10094          DI       0       9      13      17      22      27      33      39      47      55
10095          DI      56     141     325     811    1440    2714
10096          DQ       0       9      13      17      22      27      33      39      47      55
10097          DQ      56      58      60      61      62      64

10098          KK   R43-6
10099          KM        ROUTE REMAINDER FROM CP43-6 TO CP43-7
10100          RS       1              -1       0
10101          RC     .06      .03     .04     300   .0162
10102          RX     750      800     930     965    1000    1020    1030    1040
10103          RY    1096     1094    1092    1090    1090    1092    1096  1097.5

10104          KK    43-7
10105          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-7
10106          BA     .02
10107          LG     .35      .35    4.25     .39     .00
10108          UI     49.      90.     14.      0.      0.      0.      0.      0.      0.      0.
10109          UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
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 LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


10110          KK  CP43-7
10111          KM        ADD HYDROGRAPHS AT CP43-7
10112          HC       2    1.15

10113          KK  SR43-7
10114          KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6357+00 ON I-10
10115          RS       1    STOR       0       0
10116          SV       0     .27     .39     .55     .74     .98    1.30    1.78    2.23    5.12
10117          SQ       0      10      13      18      23      29      35      38     101     892
```

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10118          SE  1087.6 1088.93 1089.20 1089.49 1089.80 1090.13 1090.51  1091.0 1091.39 1093.26

10119          KK  CP43-7
10120          KM        DIVERT FLOW AT STA 6357+00.
10121          DT  DI43-7
10122          DI       0      10      13      18      23      29      35      38     101     892
10123          DQ       0      10      13      18      23      29      35      38      40      42

10124          KK   R43-7
10125          KM        ROUTE REMAINDER FROM CP43-7 TO CP43-8
10126          RS       1              -1       0
10127          RC     .06     .03     .04     385    .018
10128          RX     700     800     850     965    1000    1020    1030    1040
10129          RY    1094    1093    1092    1090    1090    1092    1096  1097.5

10130          KK    43-8
10131          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-8
10132          BA     .01
10133          LG     .35     .35    4.25     .39     .00
10134          UI     36.     37.      4.      0.      0.      0.      0.      0.      0.      0.
10135          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10136          KK  CP43-8
10137          KM        ADD HYDROGRAPHS AT CP43-8
10138          HC       2    1.16

10139          KK  SR43-8
10140          KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6360+85 ON I-10
10141          RS       1    STOR       0       0
10142          SV       0     .22     .32     .46     .63     .89    1.74    3.41    4.93     6.3
10143          SV    6.87
10144          SQ       0       8      12      15      20      24      30      36      39     129
10145          SQ     186
10146          SE  1085.1 1086.38 1086.62 1086.88 1087.15 1087.48 1088.28 1089.33  1090.0  1090.5
10147          SE  1090.7

10148          KK  CP43-8
10149          KM        DIVERT FLOW AT STA 6360+85.
10150          DT  DI43-8
10151          DI       0       8      12      15      20      24      30      36      39     129
10152          DI     186
10153          DQ       0       8      12      15      20      24      30      36      39      41
10154          DQ      43
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 LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

10155          KK   R43-8
10156          KM        ROUTE REMAINDER FROM CP43-8 TO CP43.
10157          RS       1              -1       0
10158          RC     .06     .03     .04     600    .008
10159          RX     800     850     930     965    1000    1020    1030    1040
10160          RY    1096    1092    1090    1088    1088    1090    1096  1097.5

10161          KK      43
10162          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43
10163          BA     .01
10164          LG     .35     .35    4.29     .41     .60
10165          UI     25.     45.      7.      0.      0.      0.      0.      0.      0.      0.
10166          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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10167        KK  I1CP43
10168        KM       ADD HYDROGRAPHS AT CP43
10169        HC      2    1.17

10170        KK   CP43     .03
10171        KM       ADD HYDROGRAPHS AT CP43.
10172        HC      2   13.90

10173        KK   SR43
10174        KM       STORAGE ROUTE THROUGH 4-10X8 BC'S AT STA 6366+85 ON I-10.
10175        RS      1    STOR       0       0
10176        SV      0     .52    4.33   16.22   24.89   28.79   33.09   37.88   56.95
10177        SQ      0     920    1824    2976    3396    3713    4176    4734    6464
10178        SE  1081.2 1085.18 1087.60 1090.19  1091.5  1092.0  1092.5  1093.0 1094.81

10179        KK   CP43
10180        KM       DIVERT FLOW AT STA 6366+85 ON I-10 (TUTHILL DIKE).
10181        DT   DI43
10182        DI      0     920    1824    2976    3396    3713    4176    4734    6464
10183        DQ      0       0       0       0       0     177     500     918    2096

10184        KK   RD43
10185        KM       ROUTE REMAINDER FROM FROM CP43 TO CPWT4.
10186        RS      2              -1       0
10187        RC    .05     .03     .05    4000   .0083
10188        RX    800     900     965    1000    1050    1100    1200    1300
10189        RY   1076    1075    1075    1064    1064    1071    1071    1075

10190        KK  CP43-4
10191        KM       RETURN DIVERT AT CP43-4
10192        DR  DI43-4

10193        KK  RD43-4
10194        KM       ROUTE DIVERTED FLOW FROM CP43-4 TO CPWT4
10195        RS      2              -1       0
10196        RC   .045     .03    .045    4200   .0067
10197        RX    910     940     970     990    1000    1020    1060    1100
10198        RY   1064    1063    1062    1060    1060    1062    1063    1064
```



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

10199        KK  CP43-5
10200        KM       RETURN DIVERT AT CP43-5
10201        DR  DI43-5

10202        KK  RD43-5
10203        KM       ROUTE DIVERTED FLOW FROM CP43-5 TO CPWT4
10204        RS      2              -1       0
10205        RC   .045     .03    .045    4100   .0067
10206        RX    910     940     970     990    1000    1020    1060    1100
10207        RY   1064    1063    1062    1060    1060    1062    1063    1064

10208        KK  I1CWT4
10209        KM       ADD HYDROGRAPHS AT CPWT4
10210        HC      2     .05

10211        KK  CP43-6
10212        KM       RETURN DIVERT AT CP43-6
10213        DR  DI43-6
```

```
10214          KK  RD43-6
10215          KM        ROUTE DIVERTED FLOW FROM CP43-6 TO CPWT4
10216          RS       2              -1       0
10217          RC    .045     .03    .045    4000   .0067
10218          RX     910     940     970     990    1000    1020    1060    1100
10219          RY    1064    1063    1062    1060    1060    1062    1063    1064

10220          KK  I2CWT4
10221          KM        ADD HYDROGRAPHS AT CPWT4
10222          HC       2     .07

10223          KK  CP43-7
10224          KM        RETURN DIVERT AT CP43-7
10225          DR  DI43-7

10226          KK  RD43-7
10227          KM        ROUTE DIVERTED FLOW FROM CP43-7 TO CPWT4
10228          RS       2              -1       0
10229          RC    .045     .03    .045    4000   .0067
10230          RX     910     940     970     990    1000    1020    1060    1100
10231          RY    1064    1063    1062    1060    1060    1062    1063    1064

10232          KK  I3CWT4
10233          KM        ADD HYDROGRAPHS AT CPWT4
10234          HC       2     .09

10235          KK  CP43-8
10236          KM        RETURN DIVERT AT CP43-8
10237          DR  DI43-8
```



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


10238          KK  RD43-8
10239          KM        ROUTE DIVERTED FLOW FROM CP43-8 TO CPWT4
10240          RS       2              -1       0
10241          RC    .045     .03    .045    4000   .0067
10242          RX     910     940     970     990    1000    1020    1060    1100
10243          RY    1064    1063    1062    1060    1060    1062    1063    1064

10244          KK  I4CWT4
10245          KM        ADD HYDROGRAPHS AT CPWT4
10246          HC       2     .10

10247          KK      44
10248          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 44
10249          BA     .22
10250          LG     .35     .35    4.14     .37     .00
10251          UI     33.    133.    200.    301.    379.    260.    181.     98.     54.     31.
10252          UI     10.     10.     10.      0.      0.      0.      0.      0.      0.      0.
10253          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10254          KK  I5CWT4
10255          KM        ADD HYDROGRAPHS AT CPWT4
10256          HC       2     .32

10257          KK  I6CWT4
10258          KM        ADD HYDROGRAPHS AT CPWT4.
10259          HC       2   14.12

10260          KK    45-1
```

```
10261   KM      RUNOFF HYDROGRAPH FROM SUB-BASIN 45-1
10262   BA    .08
10263   LG    .21     .34    4.19     .38     .60
10264   UI    33.    102.    189.    155.     86.     31.     13.      6.      0.      0.
10265   UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10266   KK   CP43
10267   KM      RETURN DIVERT AT CP43
10268   DR   DI43

10269   KK  CP45-1
10270   KM      ADD HYDROGRAPHS AT CP45-1
10271   HC      2   13.98

10272   KK  SR45-1
10273   KM      STORAGE ROUTE THROUGH 1-12X12 BC, 2-42" CMP AND 3-36" CMP FROM STA. 6368
10274   KM      +00 TO STA. 6375+20 ON I-10 (100' TO 800' EAST OF TUTHILL RD.).
10275   RS      1    STOR       0       0
10276   SV      0     .85    2.23    5.73   11.22   14.61   19.71
10277   SQ      0      51     156    1200    3130    4161    5509
10278   SE  1083.1 1084.78  1086.0  1087.4  1089.0  1089.5  1090.0
```



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

10279   KK  CP45-1
10280   KM      DIVERT FLOW AT STA 6375+20
10281   DT  DI45-1
10282   DI      0      51     156    1200    3130    4161    5509
10283   DQ      0      51     156     305     480     543     610

10284   KK   R45-1
10285   KM      ROUTE REMAINDER FROM CP45-1 TO CP45
10286   RS      1              -1       0
10287   RC    .04     .03     .04    1200   .0042
10288   RX    850     900     930     965    1000    1020    1030    1040
10289   RY   1086    1085    1084    1083    1083    1086    1090    1091

10290   KK     45
10291   KM      RUNOFF HYDROGRAPH FROM SUB-BASIN 45
10292   BA    .38
10293   LG    .17     .33    3.94     .34     .20
10294   UI    36.     64.    145.    190.    232.    293.    427.    384.    301.    244.
10295   UI   194.    148.     82.     60.     45.     36.     13.     11.     11.     11.
10296   UI    11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
10297   UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10298   KK   CP45
10299   KM      ADD HYDROGRAPHS AT CP45
10300   HC      2   14.36

10301   KK   SR45
10302   KM      STORAGE ROUTE THROUGH 9-36" CMP'S FROM STA 6379+84 TO STA 6390+50 ON
10303   KM      I-10.
10304   RS      1    STOR       0       0
10305   SV      0    1.84    5.95   18.55   23.27   29.04
10306   SQ      0      41     132     317    1462    3517
10307   SE  1081.1 1082.74  1084.0  1086.0  1086.5  1087.0

10308   KK   CP45
10309   KM      DIVERT FLOW AT STA 6390+50.
```

```
10310          DT    DI45
10311          DI       0      41     132     317    1462    3517
10312          DQ       0      41     132     317     362     392

10313          KK     R45
10314          KM        ROUTE REMAINDER FROM CP45 TO CP46-1.
10315          RS       1              -1       0
10316          RC     .04     .03     .04    1500   .0031
10317          RX     850     900     930     965    1000    1020    1030    1040
10318          RY    1083    1082    1081    1080    1080    1082    1083    1084

10319          KK    46-1
10320          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 46-1
10321          BA     .15
10322          LG     .19     .35    4.23     .39     .60
10323          UI     19.     60.    101.    133.    203.    208.    151.    111.     75.     37.
10324          UI     26.     16.      6.      6.      6.      0.      0.      0.      0.      0.
10325          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                                HEC-1 INPUT                                          PAGE236

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


10326          KK  CP46-1
10327          KM        ADD HYDROGRAPHS AT CP46-1
10328          HC       2   14.51

10329          KK  SR46-1
10330          KM        STORAGE ROUTE THROUGH 5-36 CMP'S FROM STA 6395+75 TO STA 6400+60 ON
10331          KM        I-10.
10332          RS       1    STOR       0       0
10333          SV       0    1.07    4.71     9.0    11.7   14.88   18.65   23.01
10334          SQ       0      39     128     183     199     610    1351    2310
10335          SE  1078.3  1080.0  1081.5  1082.5  1083.0  1083.5  1084.0  1084.5

10336          KK  CP46-1
10337          KM        DIVERT FLOW AT STA 6400+60.
10338          DT  DI46-1
10339          DI       0      39     128     183     199     610    1351    2310
10340          DQ       0      39     128     183     199     210     225     244

10341          KK   R46-1
10342          KM        ROUTE REMAINDER FROM CP46-1 TO CP46.
10343          RS       1              -1       0
10344          RC     .04     .03     .04    2355   .0057
10345          RX     700     900     930     965    1000    1020    1030    1040
10346          RY    1076  1075.5    1075    1074    1074    1078    1080    1082

10347          KK      46
10348          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 46
10349          BA     .85
10350          LG     .19     .34    4.25     .45     .40
10351          UI     61.     61.    184.    265.    322.    373.    441.    539.    741.    706.
10352          UI    567.    488.    409.    345.    291.    208.    129.    104.     94.     61.
10353          UI     61.     19.     19.     19.     19.     19.     19.     19.      0.      0.
10354          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10355          KK  I1CP46
10356          KM        ADD HYDROGRAPHS AT CP46
10357          HC       2   15.36

10358          KK      28
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10359    KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 28
10360    BA    .86
10361    LG    .15     .35    4.02     .52     .10
10362    UI    76.    119.    295.    392.    470.    578.    798.    929.    711.    587.
10363    UI   473.    381.    272.    153.    127.     89.     76.     24.     23.     23.
10364    UI    23.     23.      0.      0.      0.      0.      0.      0.      0.      0.
10365    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10366    KK    R28
10367    KM       ROUTE FLOW FROM CP28 TO CP30
10368    RS     2              -1
10369    RC   .03     .03     .05    2400    .027
10370    RX  1000    1001    1035    1050    1065    1075    1085    1095
10371    RY  1165    1165    1164    1162    1162    1164    1166    1168
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 LINE    ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


10372    KK     30
10373    KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 30
10374    BA    .28
10375    LG    .15     .35    3.27     .97     .20
10376    UI    36.    116.    193.    257.    400.    380.    277.    203.    132.     63.
10377    UI    45.     26.     11.     11.     11.      0.      0.      0.      0.      0.
10378    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10379    KK  I1CP30
10380    KM       ADD HYDROGRAPHS AT CP30
10381    HC      2

10382    KK     29
10383    KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 29
10384    BA    .22
10385    LG    .15     .35    3.52     .78     .00
10386    UI    31.    113.    176.    245.    370.    276.    199.    135.     64.     42.
10387    UI    23.     10.     10.     10.      0.      0.      0.      0.      0.      0.
10388    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10389    KK   SR29
10390    KM       STORAGE ROUTE THROUGH RETENTION BASIN AT CP29
10391    RS      1    STOR       0       0
10392    SV      0    0.99   12.73   23.45   36.25   50.68   54.76   59.33   83.20
10393    SQ      0       0       0       0       0       0       0      88    6226
10394    SE 1164.5    1166    1170    1172    1174    1176  1177.5    1178    1180

10395    KK    R29
10396    KM       ROUTE REMAINDER OF FLOW AT CP29 TO CP30
10397    RS      1              -1       0
10398    RC   .05     .03     .05    1200   .0021
10399    RX  1000    1042    1052    1060    1082    1090    1140    1170
10400    RY  1171    1170    1168    1166    1166    1168    1170    1172

10401    KK   CP30
10402    KM       ADD HYDROGRAPHS AT CP30
10403    HC      2

10404    KK    R30
10405    KM       ROUTE COMBINED HYDROGRAPHS AT CP30 TO CP31
10406    RS      4              -1       0
10407    RC   .03     .03     .05    6770   .0069
10408    RX  1000    1025    1045    1070    1095    1110    1200    1550
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10409          RY    1157    1156    1154    1152    1152    1154    1156    1158

10410          KK      31
10411          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 31
10412          BA     .71
10413          LG     .19     .35    3.76     .68     .20
10414          UI     60.     83.    224.    299.    358.    434.    565.    752.    613.    500.
10415          UI    413.    336.    268.    171.    105.     98.     60.     52.     18.     18.
10416          UI     18.     18.     18.      0.      0.      0.      0.      0.      0.      0.
10417          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                                HEC-1 INPUT                                          PAGE238

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


10418          KK    CP31
10419          KM        ADD HYDROGRAPHS AT CP31
10420          HC       2

10421          KK     R31
10422          KM        ROUTE COMBINED HYDROGRAPH AT CP31 TO CP46
10423          RS       5              -1       0
10424          RC     .03     .03     .05    5800   .0082
10425          RX    1000    1012    1024    1035    1045    1053    1065    1098
10426          RY    1093    1092    1090    1088    1088    1090    1092    1094

10427          KK    CP46
10428          KM        ADD HYDROGRAPHS AT CP46.
10429          HC       2   17.43

10430          KK    SR46
10431          KM        STORAGE ROUTE THROUGH 5-10'X4' BC'S AT STA 6419+30 ON I-10.
10432          RS       1    STOR       0       0
10433          SV       0    1.08    3.13    4.28    5.18    7.54   12.96
10434          SQ       0     730    1460    1680    1834    2090    2420
10435          SE  1065.4 1068.42 1070.53  1071.4  1072.0  1073.0  1074.3

10436          KK     R46
10437          KM        ROUTE REMAINDER OF FLOW AT CP46 TO CPWT4
10438          RS       2              -1       0
10439          RC     .03     .03     .05    6800   .0067
10440          RX     910     930     940     950    1000    1020    1200    1400
10441          RY    1065    1064    1064    1060    1060    1064    1064    1065

10442          KK  CP45-1
10443          KM        RETURN DIVERT AT  CP45-1
10444          DR  DI45-1

10445          KK  RD45-1
10446          KM        ROUTE DIVERTED FLOW FROM CP45-1 TO CPWT4
10447          RS       2              -1       0
10448          RC    .045     .03    .045    4100   .0067
10449          RX     910     940     970     990    1000    1020    1060    1100
10450          RY    1064    1063    1062    1060    1060    1062    1063    1064

10451          KK    CP45
10452          KM        RETURN DIVERT AT CP45
10453          DR    DI45

10454          KK    RD45
10455          KM        ROUTE DIVERTED FLOW FROM  CP45  TO CPWT4.
10456          RS       2              -1       0
```

```
10457        RC    .045     .03    .045    4200   .0067
10458        RX     910     940     970     990    1000    1020    1060    1100
10459        RY    1064    1063    1062    1060    1060    1062    1063    1064
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

10460        KK  I7CWT4
10461        KM        ADD HYDROGRAPHS AT CPWT4
10462        HC       2   14.36

10463        KK  CP46-1
10464        KM        RETURN DIVERT AT CP46-1
10465        DR  DI46-1

10466        KK  RD46-1
10467        KM        ROUTE DIVERTED FLOW FROM CP46-1 TO CPWT4
10468        RS       3              -1       0
10469        RC    .045     .03    .045    4900   .0067
10470        RX     910     940     970     990    1000    1020    1060    1100
10471        RY    1064    1063    1062    1060    1060    1062    1063    1064

10472        KK  I8CWT4
10473        KM        ADD HYDROGRAPHS AT CPWT4
10474        HC       2   14.51

10475        KK     WT4
10476        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN WT4
10477        BA     .77
10478        LG     .35     .35    4.17     .38     .40
10479        UI    108.    384.    604.    835.   1279.    973.    707.    488.    232.    153.
10480        UI     90.     33.     33.     33.      0.      0.      0.      0.      0.      0.
10481        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10482        KK  I9CWT4
10483        KM        ADD HYDROGRAPHS AT CPWT4
10484        HC       2   15.28

10485        KK  I10WT4
10486        KM        ADD HYDROGRAPHS AT CPWT4
10487        HC       2    18.2

10488        KK   CPWT4
10489        KM        ADD ENTIRE FLOW TOGETHER THAT GETS TO WHITE TANKS STRUCTURE NO 4.
10490        HC       2   18.57

10491        KK    RS47
10492        KM        STORAGE ROUTE TROUGH WHITE TANKS STRUCTURE NO. 4.
10493        RS       1    STOR       0       0
10494        SV       0    2.81      51     148     277     543    1269    1396    1690    2045
10495        SV    2246
10496        SQ       0       0       0       0       0       0       0     375    2600    6150
10497        SQ   14700
10498        SE     997    1000    1010    1020    1030    1040    1049    1050    1052    1054
10499        SE    1055
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

10500        KK  CP43-1
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```
10501          KM        RETURN DIVERT AT CP43-1
10502          DR  1D303A

10503          KK   R43-1
10504          KM        ROUTE REMAINDER FROM CP43-1 TO CP303A
10505          RS      48              -1       0
10506          RC    .035     .035    .035    5300   .0091
10507          RX    1000     1090    1170    1250    1380    1400    1450    1630
10508          RY    1077   1075.8  1076.5    1076    1076  1076.5    1076    1077

10509          KK  CP43-2
10510          KM        RETURN DIVERT AT CP43-2
10511          DR  2D303A

10512          KK   R43-2
10513          KM        ROUTE REMAINDER FROM CP43-2 TO CP303A
10514          RS       8              -1       0
10515          RC    .035     .035    .035    5300   .0091
10516          RX    1000     1090    1170    1250    1380    1400    1450    1630
10517          RY    1077   1075.8  1076.5    1076    1076  1076.5    1076    1077

10518          KK  CP43-3
10519          KM        RETURN DIVERT AT CP43-3
10520          DR  3D303A

10521          KK   R43-3
10522          KM        ROUTE REMAINDER FROM CP43-3 TO CP303A
10523          RS      13              -1       0
10524          RC    .035     .035    .035    4840   .0091
10525          RX    1000     1170    1240    1270    1440    1470    1490    1550
10526          RY    1069     1068  1068.5    1068    1068  1068.5  1067.8  1068.5

10527          KK    303A
10528          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 303A
10529          BA     .42
10530          LG     .35      .35    4.08     .36     .10
10531          UI     56.     182.    299.    400.    629.    559.    409.    297.    178.     95.
10532          UI     63.      32.     17.     17.     17.      0.      0.      0.      0.      0.
10533          UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

10534          KK  1C303A
10535          KM        ADD HYDROGRAPHS AT CP303A
10536          HC       4    1.48

10537          KK  CP303A
10538          KM        ADD HYDROGRAPHS AT CP303A
10539          HC       2   18.99
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 LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


10540          KK   R303A
10541          KM        ROUTE FLOW FROM CP303A TO CP304
10542          RS       3              -1
10543          RC    .025      .02    .025    5500   .0067
10544          RX    1000     1001    1015    1030    1055    1130    1490    2020
10545          RY    1041     1041    1040    1038    1038    1040    1042    1044

10546          KK     304
10547          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 304
10548          BA    1.10
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10549        LG    .35     .35    4.09     .36     .00
10550        UI   121.    293.    563.    724.    938.   1412.   1262.    968.    745.    562.
10551        UI   322.    205.    145.     98.     37.     37.     37.     37.      0.      0.
10552        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10553        KK   CP304
10554        KM        ADD HYDROGRAPHS AT CP304
10555        HC       2    2.58

10556        KK    R304
10557        KM        ROUTE FLOW FROM CP304 TO CP323
10558        RS       4              -1
10559        RC    .025    .025     .03    3280   .0018
10560        RX    1000    1001    1002    1090    1200    1270    1460    1750
10561        RY  1001.5  1001.5  1001.5    1001    1001    1002    1004    1006

10562        KK     323
10563        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 323
10564        BA     .15
10565        LG     .38     .28    3.95     .36     .00
10566        UI     17.     46.     85.    109.    148.    212.    163.    125.     94.     64.
10567        UI     32.     25.     17.      5.      5.      5.      5.      0.      0.      0.
10568        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10569        KK   CP323
10570        KM        ADD HYDROGRAPHS AT CP323
10571        HC       2    2.73

10572        KK   SR323
10573        KM        STORAGE ROUTE BEHIND THE ROOSEVELT CANAL AT CP323
10574        RS       1    STOR       0       0
10575        SV       0     .39   11.45   14.26   19.91
10576        SQ       0       0       0     128    2344
10577        SE   998.7    1000  1001.5  1001.8    1002

10578        KK    D323
10579*       KM        DIVERT FROM CP323 TO CP321
10580        DT   DI321
10581        DI       0     128    1976
10582        DQ       0      64     138
```



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

10583        KK    R323
10584        KM        ROUTE REMAINDER FROM CP323 TO CP324
10585        RS       9              -1
10586        RC    .075    .075    .075    3900   .0085
10587        RX    1000    1001    1002    1100    2055    2060    2069    2070
10588        RY     991     991     991     990     990     992     993     993

10589        KK     324
10590        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 324
10591        BA     .36
10592        LG     .50     .00    3.90     .44     .00
10593        UI     19.     19.     23.     65.     80.     94.    106.    118.    134.    151.
10594        UI    183.    235.    236.    196.    171.    153.    136.    119.    105.     92.
10595        UI     77.     55.     34.     33.     31.     25.     19.     19.     11.      6.
10596        UI      6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
10597        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
10598        KK   CP324
10599        KM        ADD HYDROGRAPHS AT CP324
10600        HC       2    3.09

10601        KK    R324
10602        KM        ROUTE FLOW FROM CP324 TO CP340
10603        RS       6              -1
10604        RC    .035    .035    .075    5280   .0078
10605        RX    1000    1001    1002    1030    1045    1770    2099    2100
10606        RY     933     933     933     932     932     934     935     935

10607        KK     340
10608        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 340
10609        BA     .48
10610        LG     .50     .00    4.06     .42     .00
10611        UI     23.     23.     23.     62.     85.    105.    118.    130.    143.    161.
10612        UI    179.    212.    264.    298.    254.    220.    197.    180.    159.    142.
10613        UI    126.    112.     97.     74.     53.     41.     39.     38.     28.     23.
10614        UI     23.     16.      7.      7.      7.      7.      7.      7.      7.      7.
10615        UI      7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
10616        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10617        KK   CP340
10618        KM        ADD HYDROGRAPHS AT CP340
10619        HC       2    3.57

10620        KK    R340
10621        KM        ROUTE FLOW FROM CP340 TO CP351
10622        RS       5              -1
10623        RC    .075     .03    .075    4370   .0067
10624        RX    1000    1001    1105    1110    1120    1780    2179    2180
10625        RY     911     911     910     909     909     910     911     911
```



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

10626        KK     351
10627        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 351
10628        BA     .76
10629        LG     .50     .00    3.82     .43     .00
10630        UI     41.     41.     55.    142.    175.    207.    232.    259.    296.    334.
10631        UI    428.    520.    480.    404.    355.    319.    277.    245.    212.    186.
10632        UI    141.     98.     73.     69.     65.     41.     41.     34.     13.     13.
10633        UI     13.     13.     13.     13.     13.     13.     13.      0.      0.      0.
10634        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10635        KK   CP351
10636        KM        ADD HYDROGRAHS AT CP351
10637        HC       2    4.33

10638        KK   SR351
10639        KM        STORAGE ROUTE THROUGH S.P.R.R. AT CP351
10640        RS       1    STOR       0       0
10641        SV       0      .8     4.8   10.88   13.66   28.52   90.59
10642        SQ       0     495     715    1245    1453    7983   39402
10643        SE   888.5   892.5     894   895.5     896     898     900

10644        KK    R351
10645        KM        ROUTE FLOW FROM CP351 TO CP352A
10646        RS      10              -1
10647        RC    .075     .05    .075    4210    .001
```

```
10648          RX    1000    1001    1010    1030    1050    1300    1650    1800
10649          RY    1093    1093    1092    1090    1090    1092    1094    1095

10650          KK    352A
10651          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 352A
10652          BA     .13
10653          LG     .50     .00    3.79     .42     .00
10654          UI      6.      6.      6.     13.     21.     25.     28.     32.     35.     38.
10655          UI     43.     47.     56.     69.     76.     64.     56.     50.     46.     42.
10656          UI     37.     34.     30.     27.     22.     17.     11.     10.     10.     10.
10657          UI      7.      6.      6.      4.      2.      2.      2.      2.      2.      2.
10658          UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
10659          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10660          KK  CP352A
10661          KM        ADD HYDROGRAPHS AT CP352A
10662          HC       2    4.46

10663          KK  SR352A
10664          KM        STORAGE ROUTE BEHIND BUCKEYE CANAL AT CP352A
10665          RS       1    STOR       0       0
10666          SV       0     .48    8.48   24.76   49.68
10667          SQ       0       0       0       0    1664
10668          SE   884.7     888     890   891.1     892
```



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


10669          KK   D352A
10670          KM        DIVERT FROM CP352A TO CP350
10671          DT   DI350
10672          DI       0     311    1498
10673          DQ       0      35     166

10674          KK   R352A
10675          KM        ROUTE REMAINDER FROM CP352A TO CP372
10676          RS      17              -1
10677          RC    .075    .075    .075    5460   .0042
10678          RX    1000    1001    1002    1260    1950    1988    1989    1990
10679          RY     880     875     875     874     874     875     875     880

10680          KK   CP372
10681          KM        ADD HYDROGRAPHS AT CP372
10682          HC       2   61.07

10683          KK    D372
10684          KM        DIVERT FROM CP372 TO CP371
10685          DT   DI371
10686          DI       0     923    2686
10687          DQ       0     785    2100

10688          KK   2D372
10689          KM        DIVERT FROM CP372 TO CP379
10690          DT   DI379
10691          DI       0     138     586
10692          DQ       0       0      92

10693          KK    R372
10694          KM        ROUTE REMAINDER FROM CP372 TO CP382
10695          RS       5              -1
10696          RC    .075    .075    .075     750   .0013
```

```
10697          RX    1000    1001    1240    1350    1680    1778    1779    1780
10698          RY    1070  1068.5    1068    1067    1067  1067.5  1067.5    1070

10699          KK     382
10700          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 382
10701          BA     .71
10702          LG     .50     .00    7.29     .21     .00
10703          UI     30.     30.     30.     49.    100.    118.    140.    154.    168.    182.
10704          UI    201.    223.    245.    293.    357.    387.    331.    291.    263.    242.
10705          UI    222.    197.    180.    162.    146.    130.    105.     85.     52.     52.
10706          UI     49.     49.     36.     30.     30.     30.     10.      9.      9.      9.
10707          UI      9.      9.      9.      9.      9.      9.      9.      9.      0.      0.
10708          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10709          KK   CP382
10710          KM        ADD HYDROGRAPHS AT CP382
10711          HC       2   61.78
```



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


10712          KK    R382
10713          KM        ROUTE FLOW FROM CP382 TO CP379
10714          RS      59              -1
10715          RC    .075    .075    .075    7170   .0008
10716          RX    1000    1001    1002    1280    2080    2348    2349    2350
10717          RY     862     862     862   860.5   860.5     861     861     861

10718          KK    D372
10719          KM        RETURN DIVERT AT CP372
10720          DR   DI379

10721          KK    R372
10722          KM        ROUTE FLOW FROM CP372 TO CP379
10723          RS      25              -1
10724          RC    .075    .075    .075    7490   .0009
10725          RX    1000    1001    1002    1280    2080    2348    2349    2350
10726          RY     865     862     862   860.5   860.5     861     861     865

10727          KK   1I379
10728          KM        ADD HYDROGRAPHS AT CP379
10729          HC       2   61.78

10730          KK    381A
10731          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 381A
10732          BA     .10
10733          LG     .50     .00    6.57     .29     .00
10734          UI      8.      9.     28.     37.     45.     53.     64.     89.     95.     74.
10735          UI     63.     52.     43.     34.     22.     14.     13.      8.      8.      3.
10736          UI      2.      2.      2.      2.      2.      0.      0.      0.      0.      0.
10737          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10738          KK  SR381A
10739          KM        STORAGE ROUTE THROUGH BERM AT CP381A
10740          RS       1    STOR       0       0
10741          SV       0   13.51   74.44   84.11  134.52
10742          SQ       0       0       0      11    1196
10743          SE   864.7     866   867.8     868     869

10744          KK   R381A
10745          KM        ROUTE FLOW FROM CP381A TO CP379
```

```
10746        RS      19              -1
10747        RC    .075    .075    .075    5620    .0011
10748        RX    1000    1001    1002    1280    2080    2348    2349    2350
10749        RY     862     862     862   860.5   860.5     861     861     861

10750        KK   2I379
10751        KM        ADD HYDROGRAPHS AT CP379
10752        HC       2   61.88
```



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


10753        KK     379
10754        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 379
10755        BA     .46
10756        LG     .50     .00    3.68     .46     .00
10757        UI     14.     14.     14.     14.     14.     41.     48.     53.     63.     67.
10758        UI     73.     77.     81.     87.     93.    101.    107.    116.    133.    158.
10759        UI    170.    182.    161.    145.    133.    124.    116.    110.    103.     95.
10760        UI     88.     82.     76.     70.     66.     60.     53.     40.     37.     25.
10761        UI     25.     24.     23.     23.     21.     14.     14.     14.     14.     14.
10762        UI      4.      4.      4.      4.      4.      4.      4.      4.      4.      4.
10763        UI      4.      4.      4.      4.      4.      4.      0.      0.      0.      0.
10764        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10765        KK   3I379
10766        KM        ADD HYDROGRAPHS AT CP379
10767        HC       2   62.24

10768        KK   D41A1
10769        KM        RETURN DIVERT AT CP41A1
10770        DR   1D303

10771        KK   R41A1
10772        KM        ROUTE FLOW FROM CP41A1 TO CP303
10773        RS      18              -1       0
10774        RC    .035    .035    .035    7180    .014
10775        RX    1000    1210    1450    1530    1620    1690    1849    1850
10776        RY    1106  1105.5    1106    1104    1104    1106    1107    1107

10777        KK   D41A2
10778        KM        RETURN DIVERT AT CP41A2
10779        DR   2D303

10780        KK   R41A2
10781        KM        ROUTE FLOW FROM CP41A2 TO CP303
10782        RS      19              -1       0
10783        RC    .035    .035    .035    7330    .014
10784        RX    1000    1210    1450    1530    1620    1690    1849    1850
10785        RY    1106  1105.5    1106    1104    1104    1106    1107    1107

10786        KK   1I303
10787        KM        ADD HYDROGRAPHS AT CP303
10788        HC       2     .05

10789        KK   D41A3
10790        KM        RETURN DIVERT AT CP41A3
10791        DR   3D303

10792        KK   R41A3
10793        KM        ROUTE FLOW FROM CP41A3 TO CP303
```

```
10794        RS     25              -1       0
10795        RC   .035    .035    .035    9360    .010
10796        RX   1000    1210    1450    1530    1620    1690    1849    1850
10797        RY   1106  1105.5    1106    1104    1104    1106    1107    1107
```



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

10798        KK   2I303
10799        KM        ADD HYDROGRAPHS AT CP303
10800        HC       2     .08

10801        KK    D41A
10802        KM        RETURN DIVERT AT CP41A
10803        DR   4D303

10804        KK    R41A
10805        KM        ROUTE FLOW FROM CP41A TO CP303
10806        RS     26              -1       0
10807        RC   .035    .035    .035    9360   .0095
10808        RX   1000    1210    1450    1530    1620    1690    1849    1850
10809        RY   1106  1105.5    1106    1104    1104    1106    1107    1107

10810        KK   3I303
10811        KM        ADD HYDROGRAPHS AT CP303
10812        HC       2     .13

10813        KK   D41-1
10814        KM        RETURN DIVERT AT CP41-1
10815        DR   5D303

10816        KK   R41-1
10817        KM        ROUTE FLOW FROM CP41-1 TO CP303
10818        RS     28              -1       0
10819        RC   .035    .035    .035    9200   .0079
10820        RX   1000    1300    1510    1660    1850    1890    1940    2100
10821        RY 1080.5    1079  1080.5    1080    1080    1081  1080.5    1081

10822        KK   4I303
10823        KM        ADD HYDROGRAPHS AT CP303
10824        HC       2     .28

10825        KK   D41-2
10826        KM        RETURN DIVERT AT CP41-2
10827        DR   6D303

10828        KK   R41-2
10829        KM        ROUTE FLOW FROM CP41-2 TO CP303
10830        RS     33              -1       0
10831        RC   .035    .035    .035    9360   .0065
10832        RX   1000    1300    1510    1660    1850    1890    1940    2100
10833        RY 1080.5    1079  1080.5    1080    1080    1081  1080.5    1081

10834        KK   5I303
10835        KM        ADD HYDROGRAPHS AT CP303
10836        HC       2     .38
```



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

```
10837        KK     D41
10838        KM        RETURN DIVERT AT CP41
10839        DR   7D303

10840        KK     R41
10841        KM        ROUTE FLOW FROM CP41 TO CP303
10842        RS      30              -1       0
10843        RC    .035    .035    .035    9830   .0056
10844        RX    1000    1300    1510    1660    1850    1890    1940    2100
10845        RY  1080.5    1079  1080.5    1080    1080    1081  1080.5    1081

10846        KK   6I303
10847        KM        ADD HYDROGRAPHS AT CP303
10848        HC       2     .96

10849        KK     303
10850        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 303
10851        BA    1.21
10852        LG     .35     .34    4.19     .39     .40
10853        UI     81.     81.    207.    332.    407.    470.    543.    636.    835.   1022.
10854        UI    868.    725.    631.    534.    457.    388.    290.    187.    141.    133.
10855        UI     92.     81.     54.     25.     25.     25.     25.     25.     25.     25.
10856        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
10857        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10858        KK   CP303
10859        KM        ADD HYDROGRAPHS AT CP303
10860        HC       2    2.17

10861        KK    R303
10862        KM        ROUTE FLOW FROM CP303 TO CP321
10863        RS       1              -1
10864        RC    .025    .025    .025     468   .0088
10865        RX    1000    1001    1002    1100    2570    2648    2649    2650
10866        RY    1019    1019    1019    1018    1018    1019    1019    1019

10867        KK     321
10868        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 321
10869        BA     .66
10870        LG     .35     .35    4.24     .39     .00
10871        UI    129.    476.    720.   1193.   1047.    707.    432.    188.    116.     34.
10872        UI     34.     34.      0.      0.      0.      0.      0.      0.      0.      0.
10873        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10874        KK   1I321
10875        KM        ADD HYDROGRAPHS AT CP321
10876        HC       2    2.83

10877        KK    D323
10878        KM        RETURN DIVERT AT CP323
10879        DR   DI321
```



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

10880        KK    R323
10881        KM        ROUTE FLOW FROM CP323 TO CP321
10882        RS       9              -1
10883        RC    .025    .025    .025    2500   .0008
10884        RX    1000    1001    1002    1020    1260    1410    1660    1730
10885        RY    1001    1001    1001    1000    1000    1002    1004    1006
```

```
10886          KK   CP321
10887          KM        ADD HYDROGRAPHS AT CP321
10888          HC       2    4.60

10889          KK   SR321
10890          KM        STORAGE ROUTE CP321 BEHIND ROOSEVELT CANAL
10891          RS       1    STOR       0       0
10892          SV       0   11.57   43.45   85.42
10893          SQ       0       0       0   10212
10894          SE   998.8    1000  1001.1    1002

10895          KK    R321
10896          KM        ROUTE FLOW FROM CP321 TO CP322
10897          RS       4              -1
10898          RC    .075    .035    .035    3900   .0064
10899          RX    1000    1001    1260    1570    1600    1618    1619    1620
10900          RY     995     995     994     992     992     993     993     993

10901          KK     322
10902          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 322
10903          BA     .34
10904          LG     .50     .00    4.13     .41     .00
10905          UI     17.     17.     17.     55.     69.     82.     94.    103.    115.    130.
10906          UI    149.    190.    224.    195.    167.    148.    135.    118.    105.     92.
10907          UI     82.     68.     50.     31.     30.     28.     24.     17.     17.     13.
10908          UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      0.
10909          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
10910          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10911          KK   CP322
10912          KM        ADD HYDROGRAPHS AT CP322
10913          HC       2    4.94

10914          KK    R322
10915          KM        ROUTE FLOW FROM CP322 TO CP339
10916          RS       3              -1
10917          RC    .035    .035    .075    5280   .0081
10918          RX    1000    1001    1002    1015    1070    1790    2099    2100
10919          RY     969     969     969     968     968     970     971     971

10920          KK     339
10921          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 339
10922          BA    1.00
10923          LG     .50     .00    4.08     .41     .00
10924          UI     40.     40.     40.     50.    131.    151.    181.    200.    219.    236.
10925          UI    256.    285.    308.    349.    433.    492.    504.    433.    384.    350.
10926          UI    323.    297.    266.    244.    221.    199.    184.    153.    115.     86.
```



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

10927          UI     70.     68.     65.     63.     40.     40.     40.     34.     12.     12.
10928          UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
10929          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
10930          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10931          KK   CP339
10932          KM        ADD HYDROGRAPHS AT CP339
10933          HC       2    5.94

10934          KK    R339
```

```
10935     KM        ROUTE FLOW FROM CP339 TO CP349
10936     RS      7              -1
10937     RC   .035    .035    .075    6550   .0053
10938     RX   1000    1001    1002    1020    1040    1820    2049    2050
10939     RY    907     907     907     906     906     908     909     909

10940     KK    349
10941     KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 349
10942     BA    .93
10943     LG    .50     .00    3.82     .44     .00
10944     UI    43.     43.     43.    110.    158.    193.    220.    243.    265.    296.
10945     UI   331.    377.    476.    556.    510.    436.    387.    353.    319.    282.
10946     UI   255.    223.    204.    166.    125.     82.     77.     71.     71.     43.
10947     UI    43.     43.     23.     13.     13.     13.     13.     13.     13.     13.
10948     UI    13.     13.     13.      0.      0.      0.      0.      0.      0.      0.
10949     UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10950     KK   CP349
10951     KM        ADD HYDROGRAPHS AT CP349
10952     HC      2    6.87

10953     KK   SR349
10954     KM        STORAGE ROUTE CP349 THROUGH S.P.R.R.
10955     RS      1    STOR       0       0
10956     SV      0       0    .085    5.76   14.59   29.99
10957     SQ      0       0     640    1680    2001    2916
10958     SE  889.1   890.9   894.1   896.1   897.1     898

10959     KK    R349
10960     KM        ROUTE FLOW FROM CP349 TO CP350
10961     RS      6              -1
10962     RC   .075     .05    .075    2960   .0024
10963     RX   1000    1001    1002    1100    1500    1620    1669    1670
10964     RY    900     890     890     889     889     890     890     900

10965     KK    350
10966     KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 350
10967     BA    .19
10968     LG    .50     .00    3.57     .47     .00
10969     UI     7.      7.      7.      7.     18.     24.     28.     32.     35.     38.
10970     UI    40.     44.     48.     52.     56.     66.     78.     90.     83.     73.
10971     UI    66.     60.     56.     53.     48.     43.     40.     37.     33.     31.
10972     UI    26.     20.     16.     12.     12.     11.     11.      9.      7.      7.
10973     UI     7.      6.      2.      2.      2.      2.      2.      2.      2.      2.
10974     UI     2.      2.      2.      2.      2.      0.      0.      0.      0.      0.
```



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

10975     UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10976     KK   1I350
10977     KM        ADD HYDROGRAPHS AT CP350
10978     HC      2    7.06

10979     KK   D352A
10980     KM        RETURN DIVERT AT CP352A
10981     DR   DI350

10982     KK   R352A
10983     KM        ROUTE FLOW FROM CP352A TO CP350
10984     RS     60              -1       0
```

```
10985        RC    .07     .07     .07    5400   .0004
10986        RX   1000    1001    1002    1100    1500    1620    1669    1670
10987        RY  890.5     890     890     889     889     890     890   890.5

10988        KK  CP350
10989        KM       ADD HYDROGRAPHS AT CP350
10990        HC      2    8.79

10991        KK  SR350
10992        KM       STORAGE ROUTE CP350 BEHIND BUCKEYE CANAL
10993        RS      1    STOR       0       0
10994        SV      0    4.41   24.14   68.62
10995        SQ      0       0       0    3900
10996        SE  886.8     888     889     890

10997        KK   R350
10998        KM       ROUTE FLOW FROM CP350 TO CP371
10999        RS      7              -1
11000        RC   .075    .035    .035    4400   .0037
11001        RX   1000    1001    1160    2700    2900    2917    2918    2920
11002        RY    881     881     880     878     878     879     879     879

11003        KK    371
11004        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 371
11005        BA    .93
11006        LG    .50     .00    5.97     .31     .00
11007        UI    27.     27.     27.     27.     27.     74.     92.    105.    121.    131.
11008        UI   141.    151.    159.    168.    180.    195.    208.    222.    248.    286.
11009        UI   326.    366.    337.    302.    276.    255.    238.    225.    213.    197.
11010        UI   182.    170.    160.    147.    136.    129.    115.    101.     79.     69.
11011        UI    48.     48.     47.     45.     45.     42.     27.     27.     27.     27.
11012        UI    27.     10.      8.      8.      8.      8.      8.      8.      8.      8.
11013        UI     8.      8.      8.      8.      8.      8.      8.      8.      0.      0.
11014        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

11015        KK  1I371
11016        KM       ADD HYDROGRAPHS AT CP371
11017        HC      2    9.72
```



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

11018        KK   D372
11019        KM       RETURN DIVERT AT CP372
11020        DR  DI371

11021        KK   R372
11022        KM       ROUTE FLOW FROM CP372 TO CP371
11023        RS     27              -1
11024        RC   .075    .075    .075    5300   .0009
11025        RX   1000    1001    1020    1200    1870    2020    2169    2170
11026        RY    870     865     864     863     863     864     865     870

11027        KK  CP371
11028        KM       ADD HYDROGRAPHS AT CP371
11029        HC      2    65.4

11030        KK   R371
11031        KM       ROUTE FLOW FROM CP371 TO CP379
11032        RS     21              -1
11033        RC   .075    .075    .075    3600   .0006
```

```
11034          RX    1000    1001    1002    1280    2080    2348    2349    2350
11035          RY     865     862     862   860.5   860.5     861     861     865

11036          KK   CP379
11037          KM        ADD HYDROGRAPHS AT CP379
11038          HC       2   65.96

11039          KK   SR379
11040          KM        STORAGE ROUTE CP379 BEHIND CANAL
11041          RS       1    STOR       0       0
11042          SV       0     .38    7.22   66.02
11043          SQ       0       0       0    4817
11044          SE   858.7     860   860.7     862

11045          KK  CPWTAF
11046          KM        ADD HYDROGRAPHS FOR WATERSHED CONTRIBUTING TO THIS POINT
11047          HC       2  183.74
11048          ZZ
```

1

SCHEMATIC DIAGRAM OF STREAM NETWORK

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

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

   26          1
               V
               V
   34        RCP1
               .
               .
   41          .          2
               .          .
               .          .
   50         CP2............
               V
               V
   53        RCP2
               .
               .
   60          .         3A
               .          V
               .          V
   67          .       RCP3A
               .          .
               .          .
   74          .          .          3
               .          .          .
               .          .          .
   81          .       I1CP3............
               .          .
               .          .
   84         CP3............
               .
               .
   91          .-------->    DCP3
   97        CP3
               V
               V
   94        RCP3
               .
               .
```

```
101          .          4
             .          .
             .          .
108          .          .          5
             .          .          .
             .          .          .
115          .        CP5...........
             .          V
             .          V
118          .        RCP5
             .          .
             .          .
125          .          .          6
             .          .          .
             .          .          .
131          .      I1CP7...........
             .          .
             .          .
134          .          .          7
             .          .          .
             .          .          .
140          .        CP7...........
             .          V
             .          V
143          .        RCP7
             .          .
             .          .
150          .          .          9
             .          .          .
             .          .          .
             .      I1CP9...........
             .          .
             .          .
160          .          .          8
             .          .          .
             .          .          .
167          .        CP9...........
             .          V
             .          V
170          .        RCP9
             .          .
             .          .
177          .          .         10
             .          .          .
             .          .          .
186          .     I1CP10...........
             .          .
             .          .
189       CP10...........
             .
             .
195          .-------->   DCP10
192       CP10
             V
             V
198       RCP10
             .
             .
205          .         12
             .          .
             .          .
213       CP12...........
```

```
            V
            V
216      RCP12
            .
            .
3           .        11
            .         V
            .         V
231         .      RCP11
            .         .
            .         .
238         .         .         13
            .         .          .
            .         .          .
246         .      CP13............
            .         V
            .         V
249         .      RCP13
            .         .
            .         .
256         .         .         14
            .         .          V
            .         .          V
263         .         .      RCP14
            .         .          .
            .         .          .
270         .         .          .         15
            .         .          .          .
            .         .          .          .
278         .         .    I1CP15............
            .         .          .
            .         .          .
281         .         .          .         16
            .         .          .          V
            .         .          .          V
289         .         .          .       SR16
            .         .          .          .
            .         .          .          .
295         .         .      CP15............
            .         .          V
            .         .          V
298         .         .      RCP15
            .         .          .
            .         .          .
305         .         .          .         17
            .         .          .          .
            .         .          .          .
313         .         .    I1CP17............
            .         .          .
            .         .          .
316         .      CP17............
            .         V
            .         V
319         .      RCP17
            .         .
            .         .
26          .         .        WT3
            .         .          .
            .         .          .
334         .    I1CWT3............
            .         .
            .         .
```

```
337     CPWT3............
            V
            V
340     SRWT3
            .
            .
353         .       101
            .         .
            .         .
360         .         .       102A
            .         .         .
            .         .         .
368         .     CP101............
            .         V
            .         V
371         .      R101
            .         .
            .         .
377         .         .       102
            .         .         .
            .         .         .
385         .     CP102............
            .         V
            .         V
388         .      R102
            .         .
            .         .
394         .         .       108
            .         .         .
            .         .         .
5           .     1I108............
            .         .
            .         .
408         .         .       103
            .         .         V
            .         .         V
417         .         .      R103
            .         .         .
            .         .         .
423         .     CP108............
            .         V
            .         V
426         .      R108
            .         .
            .         .
432         .         .       106
            .         .         V
            .         .         V
440         .         .      R106
            .         .         .
            .         .         .
446         .         .         .       107
            .         .         .         .
            .         .         .         .
456         .         .     CP107............
            .         .         V
            .         .         V
459         .         .      R107
            .         .         .
            .         .         .
465         .         .         .       115
            .         .         .         .
```

1

2A

```
475          1I115............
                 .
                 .
     2I115............
                 .
                 .
481          111
                 .
                 .
492              .-------->  DI119
490          D111
                 V
                 V
495          R111
                 .
                 .
501              .        104
                 .         V
                 .         V
508              .       R104
                 .         .
                 .         .
514              .         .        112
                 .         .         .
                 .         .         .
525              .       1I112............
                 .         .
                 .         .
     2I112............
                 .
                 .
531              .        105
                 .         V
                 .         V
538              .       R105
                 .         .
                 .         .
544          CP112............
                 .
                 .
549              .-------->  DI120
547          D112
                 .
                 .
554              .-------->  1D121A
552          D112
                 V
                 V
557          R112
                 .
                 .
563              .        113A
                 .         .
                 .         .
     CP113A............
                 .
                 .
578              .-------->  2D121A
576          D113A
                 V
                 V
```

2A

```
581   .         .       R113A
      .         .         .
      .         .         .
587   .         .         .        113
      .         .         .          .
      .         .         .          .
597   .         .       CP113............
      .         .         .
      .         .         .
602   .         .         .-------->   1D122
600   .         .       D113
      .         .         V
      .         .         V
605   .         .       R113
      .         .         .
      .         .         .
611   .         .         .        114
      .         .         .          .
      .         .         .          .
621   .         .       CP114............
      .         .         .
      .         .         .
626   .         .         .-------->   2D122
624   .         .       D114
      .         .         V
      .         .         V
629   .         .       R114
      .         .         .
      .         .         .
635   .       CP115............
      .         V
      .         V
638   .       R115
      .         .
      .         .
646   .         .         .<--------   1D122
644   .         .       D113
      .         .         V
      .         .         V
647   .         .       R113
      .         .         .
      .         .         .
655   .         .         .          .<--------   2D122
653   .         .         .       D114
      .         .         .          V
      .         .         .          V
656   .         .         .       R114
      .         .         .          .
      .         .         .          .
662   .         .         .          .        122
      .         .         .          .          .
      .         .         .          .          .
673   .         .       1I122........................
      .         .         .
      .         .         .
676   .       CP122............
      .         .
      .         .
681   .         .-------->   DI134
679   .       D122
      .         V
      .         V
```

2A

2B

```
686          .      R122
             .        .
             .        .
694          .        .          .<-------   DI119
             .        .       D111
             .        .          V
             .        .          V
695          .        .       R111
             .        .          .
             .        .          .
701          .        .          .        119
             .        .          .          .
             .        .          .          .
711          .        .      CP119............
             .        .          .
             .        .          .
716          .        .          .------->   DI128
714          .        .       D119
             .        .          V
             .        .          V
719          .        .       R119
             .        .          .
             .        .          .
725          .        .          .       119A
             .        .          .          .
             .        .          .          .
736          .        .     CP119A............
             .        .          .
             .        .          .
741          .        .          .------->   DI130
             .        .      D119A
             .        .          V
             .        .          V
746          .        .      R119A
             .        .          .
             .        .          .
752          .        .          .        120
             .        .          .          .
             .        .          .          .
763          .        .      1I120............
             .        .          .
             .        .          .
768          .        .          .          .<-------   DI120
766          .        .          .       D112
             .        .          .          V
             .        .          .          V
769          .        .          .       R112
             .        .          .          .
             .        .          .          .
775          .        .      CP120............
             .        .          V
             .        .          V
778          .        .       R120
             .        .          .
             .        .          .
             .        .          .          .<-------   DI128
             .        .          .       D119
             .        .          .          V
             .        .          .          V
787          .        .          .       R119
             .        .          .          .
             .        .          .          .
```

2B

```
793   .         .         .         .         128
      .         .         .         .           .
      .         .         .         .           .
802   .         .         .      CP128...........
      .         .         .         V
      .         .         .         V
805   .         .         .      R128
      .         .         .         .
      .         .         .         .
813   .         .         .         .           .<-------   DI130
811   .         .         .         .       D119A
      .         .         .         .           V
      .         .         .         .           V
814   .         .         .         .       R119A
      .         .         .         .           .
      .         .         .         .           .
820   .         .         .         .           .        130
      .         .         .         .           .          .
      .         .         .         .           .          .
831   .         .         .      1I130......................
      .         .         .         .
      .         .         .         .
834   .         .         .         .         129
      .         .         .         .           V
      .         .         .         .           V
843   .         .         .         .        R129
      .         .         .         .           .
      .         .         .         .           .
849   .         .      CP130......................
      .         .         .
      .         .         .
854   .         .         .-------->   DI144
852   .         .      D130
      .         .         V
      .         .         V
857   .         .      R130
      .         .         .
      .         .         .
863   .         .         .      131A
      .         .         .         .
      .         .         .         .
873   .         .      CP131A...........
      .         .         V
      .         .         V
876   .         .      R131A
      .         .         .
      .         .         .
882   .         .         .       131
      .         .         .         .
      .         .         .         .
892   .         .      1I131............
      .         .         .
      .         .         .
897   .         .         .         .<-------  1D121A
895   .         .         .      D112
      .         .         .         V
      .         .         .         V
898   .         .         .      R112
      .         .         .         .
      .         .         .         .
904   .         .         .         .        121A
      .         .         .         .           .
```

2B

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                .         .         .         .         .
913             .         .         .     1I121A............
                .         .         .         .
                .         .         .         .
                .         .         .         .         .<-------  2D121A
                .         .         .         .      D113A
                .         .         .         .         V
                .         .         .         .         V
919             .         .         .         .      R113A
                .         .         .         .         .
                .         .         .         .         .
925             .         .         .     CP121A............
                .         .         .         V
                .         .         .         V
928             .         .         .      R121A
                .         .         .         .
                .         .         .         .
934             .         .         .         .        121
                .         .         .         .         .
                .         .         .         .         .
943             .         .         .      CP121............
                .         .         .         V
                .         .         .         V
946             .         .         .       R121
                .         .         .         .
                .         .         .         .
952             .         .      CP131............
                .         .         .
                .         .         .
957             .         .         .------->   DI145
                .         .      D131
                .         .         V
                .         .         V
960             .         .      R131
                .         .         .
                .         .         .
966             .         .         .       132
                .         .         .         .
                .         .         .         .
976             .         .      CP132............
                .         .         V
                .         .         V
979             .         .      R132
                .         .         .
                .         .         .
985             .         .         .       133
                .         .         .         .
                .         .         .         .
995             .         .      1I133............
                .         .         .
                .         .         .
998             .      CP133............
                .      798 d.
                .         .
1003            .         .------->   DI146   290
                .      D133
                .         .
                .         .
1008            .         .------->   1D147   1
1006            .      D133
                .         V
                .         V   281
```

2B

```
1011        .      R133
            .        .
            .        .
1019        .        .          .<-------   DI134
1017        .        .      D122
            .        .        V
            .        .        V
1020        .        .      R122
            .        .        .
            .        .        .
1026        .        .        .        134
            .        .        .          .
            .        .        .          .
1036        .        .     1I134............
            .        .        .
            .        .        .
1039        .        .        .        123
            .        .        .          .
            .        .        .          .
1051        .        .        .          .------->   DI124
1049        .        .        .      D123
            .        .        .        V
            .        .        .        V
1054        .        .        .      R123
            .        .        .        .
            .        .        .        .
1060        .        .     2I134............
            .        .        .
            .        .        .
1063        .     CP134............
            .        .
            .        .
1068        .        .------->   2D147
1066        .     D134
            .       V
            .       V
1071        .     R134
            .        .
            .        .
1079        .        .          .<-------   DI124
1077        .        .      D123
            .        .        V
            .        .        V
1080        .        .      R123
            .        .        .
            .        .        .
1086        .        .        .        124
            .        .        .          .
            .        .        .          .
1097        .        .     CP124............
            .        .        .
            .        .        .
1102        .        .        .------->   DI136
1100        .        .      D124
            .        .        .
            .        .        .
1107        .        .        .------->   DI125
1105        .        .      D124
            .        .        V
            .        .        V
1110        .        .      R124
            .        .        .
```

2B

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                .         .         .
1116            .      1I135............
                .         .
                .         .
[illegible]9    .         .        135
                .         .         .
                .         .         .
1129            .      CP135............
                .         .
                .         .
1134            .         .-------->   DI148
1132            .      D135
                .         V
                .         V
1137            .      R135
                .         .
                .         .
1145            .         .         .<-------   DI136
1143            .         .      D124
                .         .         V
                .         .         V
1146            .         .      R124
                .         .         .
                .         .         .
1152            .         .         .        136
                .         .         .          .
                .         .         .          .
1162            .         .      1I136............
                .         .         .
                .         .         .
[illegible]5    .      CP136............
                .         V
                .         V
1168            .      R136
                .         .
                .         .
1174            .         .        137
                .         .         .
                .         .         .
1186            .      1I137............
                .         .
                .         .
1189            .         .      100A
                .         .         V
                .         .         V
1197            .         .      R100A
                .         .         .
                .         .         .
1203            .         .         .        100
                .         .         .          .
                .         .         .          .
1211            .         .      CP100............
                .         .         V
                .         .         V
1214            .         .      R100
[illegible]     .         .         .
                .         .         .
1220            .         .         .        109
                .         .         .          .
                .         .         .          .
1231            .         .      CP109............
                .         .         V
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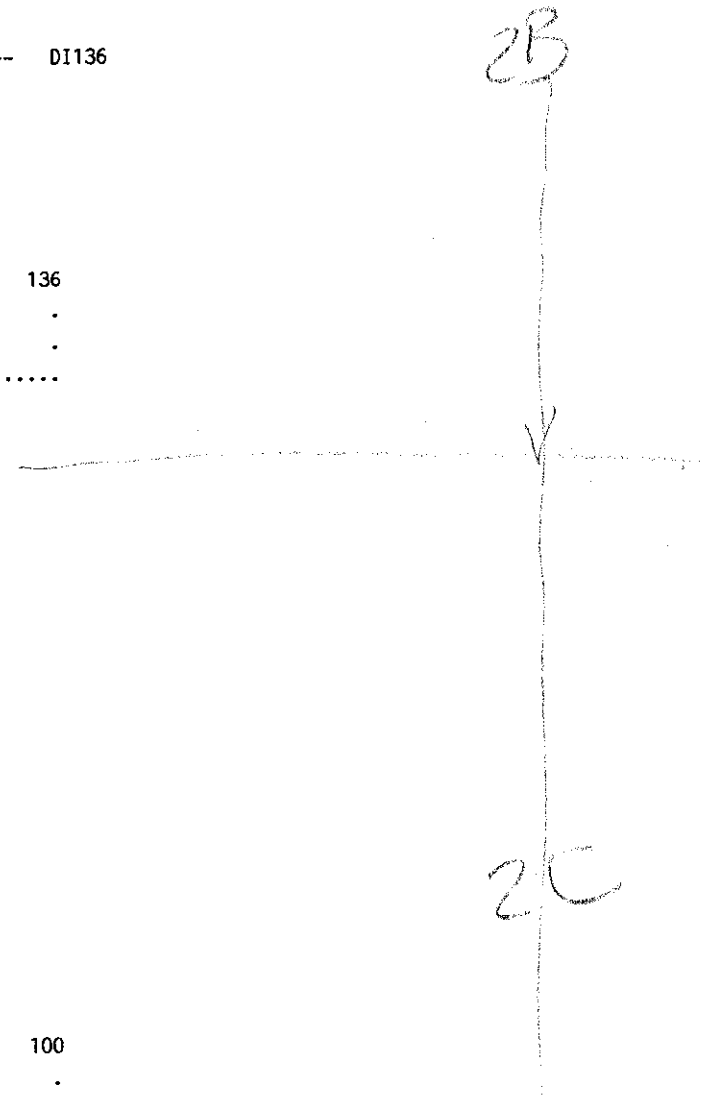

```
                 .         .         V
1234             .         .       R109
                 .         .         .
                 .         .         .
                 .         .         .          116
                 .         .         .            .
                 .         .         .            .
1252             .         .       CP116............
                 .         .         V
                 .         .         V
1255             .         .       R116
                 .         .         .
                 .         .         .
1261             .         .         .          110
                 .         .         .            V
                 .         .         .            V
1270             .         .         .         R110
                 .         .         .            .
                 .         .         .            .
1276             .         .         .            .          117
                 .         .         .            .            .
                 .         .         .            .            .
1285             .         .         .       1I117............
                 .         .         .            .
                 .         .         .            .
1288             .         .       2I117............
                 .         .         .
                 .         .         .
1291             .         .         .         117A
                 .         .         .            V
                 .         .         .            V
1300             .         .         .        R117A
                 .         .         .            .
                 .         .         .            .
1306             .         .       CP117............
                 .         .         V
                 .         .         V
1309             .         .       R117
                 .         .         .
                 .         .         .
1315             .         .         .          125
                 .         .         .            .
                 .         .         .            .
1323             .         .       1I125............
                 .         .         .
                 .         .         .
1328             .         .         .            .<-------   DI125
1326             .         .         .         D124
                 .         .         .            V
                 .         .         .            V
1329             .         .         .         R124
                 .         .         .            .
                 .         .         .            .
1335             .         .       CP125............
                 .         .         .
                 .         .         .
1340             .         .         .-------->   DI126
1338             .         .       D125
                 .         .         .
                 .         .         .
1345             .         .         .-------->   DI138
1343             .         .       D125
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2C

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          .          .          V
          .          .          V
1348      .          .       R125
          .          .          .
          .          .          .
          .     CP137............
          .          .
          .          .
1359      .          .-------->  DI149
1357      .       D137
          .          .
          .          .
1364      .          .-------->  DI153
1362      .       D137
          .          V
          .          V
1367      .       R137
          .          .
          .          .
1373      .          .        118
          .          .          V
          .          .          V
1382      .          .       R118
          .          .          .
          .          .          .
1388      .          .          .        126
          .          .          .          .
          .          .          .          .
1399      .          .      1I126............
          .          .          .
          .          .          .
          .          .          .<-------   DI126
1402      .          .          .       D125
          .          .          .          V
          .          .          .          V
1405      .          .          .       R125
          .          .          .          .
          .          .          .          .
1411      .          .      CP126............
          .          .          .
          .          .          .
1416      .          .          .-------->  DI139
1414      .          .       D126
          .          .          V
          .          .          V
1419      .          .       R126
          .          .          .
          .          .          .
1427      .          .          .          .<-------   DI138
1425      .          .          .       D125
          .          .          .          V
          .          .          .          V
1428      .          .          .       R125
          .          .          .          .
          .          .          .          .
          .          .          .          .        138
          .          .          .          .          .
          .          .          .          .          .
1445      .          .          .      1I138............
          .          .          .          .
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1448      .          .      2I138............
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2C

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        .        .        .
        .        .        .
1451    .     CP138.........
        .        .
        .        .
        .        .        .<-------   DI153
1454    .        .     D137
        .        .        V
        .        .        V
1457    .        .     R137
        .        .        .
        .        .        .
1463    .        .        .        153
        .        .        .          .
        .        .        .          .
1474    .        .     CP153.........
        .        .        .
        .        .        .
1477    .     CP138.........
        .        V
        .        V
1480    .     SR138
        .        .
        .        .
1488    .        .------->   DI154
1486    .     D138
        .        V
        .        V
1491    .     R138
        .        .
        .        .
1499    .        .        .<-------   DI154
1497    .        .     D138
        .        .        V
        .        .        V
1500    .        .     R138
        .        .        .
        .        .        .
1506    .        .        .        154
        .        .        .          .
        .        .        .          .
1514    .        .     CP154.........
        .        .        V
        .        .        V
1517    .        .     R154
        .        .        .
        .        .        .
1523    .        .        .        157
        .        .        .          .
        .        .        .          .
1531    .        .     1I157........
        .        .        .
        .        .        .
1534    .     2I157.........
        .        .
        .        .
        .        .      127
        .        .        V
        .        .        V
1543    .        .     R127
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        .        .        .
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1549    .       .       .       139
        .       .       .         .
        .       .       .         .
1559    .       .     1I139.............
        .       .       .
        .       .       .
1564    .       .       .           .<-------   DI139
1562    .       .       .       D126
        .       .       .         V
        .       .       .         V
1565    .       .       .       R126
        .       .       .         .
        .       .       .         .
1571    .       .     2I139.............
        .       .       .
        .       .       .
1574    .       .       .       140
        .       .       .         .
        .       .       .         .
1582    .       .     CP139.............
        .       .       V
        .       .       V
1585    .       .     SR139
        .       .       V
        .       .       V
1591    .       .     R139
        .       .       .
        .       .       .
1597    .       .       .       156
        .       .       .         .
        .       .       .         .
[illegible]06   .       .     CP156.............
        .       .       V
        .       .       V
1609    .       .     R156
        .       .       .
        .       .       .
1615    .     CP157.............
        .       V
        .       V
1618    .     R157
        .       .
        .       .
1624    .       .       172
        .       .       .
        .       .       .
1632    .     CP172.............
        .       V
        .       V
1635    .     R172
        .       .
        .       .
1641    .       .       173
        .       .       .
        .       .       .
[illegible]51   .     CP173.............
        .       .
        .       .
1654    .       .       156A
        .       .         V
        .       .         V
1661    .       .     R156A
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2D

2E

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                .         .         .
                .         .         .
1667            .         .         .         158
                .         .         .          .
                .         .         .          .
[illegible]7    .         .      1I158............
                .         .         .
                .         .         .
1680            .         .         .        158C
                .         .         .           V
                .         .         .           V
1688            .         .         .       R158C
                .         .         .          .
                .         .         .          .
1694            .         .         .          .        158B
                .         .         .          .          .
                .         .         .          .          .
1704            .         .         .     CP158B............
                .         .         .           V
                .         .         .           V
1707            .         .         .       R158B
                .         .         .          .
                .         .         .          .
1713            .         .         .          .        158A
                .         .         .          .          .
                .         .         .          .          .
1724            .         .         .     CP158A............
                .         .         .           V
                .         .         .           V
1727            .         .         .     SR158A
                .         .         .          .
                .         .         .          .
1735            .         .         .          .-------> DI158A
1733            .         .         .       D158A
                .         .         .           V
                .         .         .           V
1738            .         .         .       R158A
                .         .         .          .
                .         .         .          .
1744            .         .      CP158............
                .         .         V
                .         .         V
1747            .         .      R158
                .         .         .
                .         .         .
1753            .         .         .        173B
                .         .         .          .
                .         .         .          .
1762            .         .      CP173B............
                .         .         .
                .         .         .
1765            .         .         .        158E
                .         .         .           V
                .         .         .           V
1772            .         .         .       R158E
                .         .         .          .
                .         .         .          .
1778            .         .         .          .        158D
                .         .         .          .          .
                .         .         .          .          .
1785            .         .         .     RC158D............
                .         .         .           V
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                .         .         .         V
1788            .         .         .     RR158D
                .         .         .         .
                .         .         .         .
[illegible]6    .         .         .         .          .<-------  DI158A
[illegible]4    .         .         .         .      D158A
                .         .         .         .          .
                .         .         .         .          .
1797            .         .         .     RC158A............
                .         .         .         V
                .         .         .         V
1800            .         .         .     RR158A
                .         .         .         .
                .         .         .         .
1806            .         .     RC173B............
                .         .         .
                .         .         .
1809            .     RCP173............
                .         V
                .         V
1812            .      RR173
                .         .
                .         .
1818            .         .         171
                .         .           V
                .         .           V
1830            .         .        R171
                .         .           .
                .         .           .
1836            .         .         .       173A
                .         .         .         .
                .         .         .         .
1845            .         .     CP173A............
                .         .         .
                .         .         .
1848            .     RC173A............
                .         V
                .         V
1851            .     RR173A
                .         .
                .         .
1857            .         .         186
                .         .           V
                .         .           V
1868            .         .        R186
                .         .           .
                .         .           .
1874            .         .         .         187
                .         .         .           .
                .         .         .           .
1880            .         .     CP187............
                .         .         .
                .         .         .
1883            .     RCP187............
                .         V
                .         V
[illegible]6    .      RR187
                .         .
                .         .
1892            .         .         199
                .         .           V
                .         .           V
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2E

2F

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1902        .         .       R199
            .         .         .
            .         .         .
1908        .         .         .        200
            .         .         .          .
            .         .         .          .
1917        .         .      CP200............
            .         .         .
            .         .         .
1920        .      RCP200............
            .         V
            .         V
1923        .      RR200
            .         .
            .         .
1929        .         .       141
            .         .         V
            .         .         V
1936        .         .      R141
            .         .         .
            .         .         .
1942        .         .         .       141A
            .         .         .          .
            .         .         .          .
1949        .         .    CP141A............
            .         .         V
            .         .         V
1952        .         .     R141A
            .         .         .
            .         .         .
1958        .         .         .        142
            .         .         .          .
            .         .         .          .
1968        .         .      CP142............
            .         .         V
            .         .         V
1971        .         .      R142
            .         .         .
            .         .         .
1977        .         .         .        143
            .         .         .          .
            .         .         .          .
1987        .         .      CP143............
            .         .         V
            .         .         V
1990        .         .      R143
            .         .         .
            .         .         .
1998        .         .         .          .<-------   DI144
1996        .         .         .       D130
            .         .         .          V
            .         .         .          V
1999        .         .         .       R130
            .         .         .          .
            .         .         .          .
2005        .         .         .          .        144
            .         .         .          .          .
            .         .         .          .          .
2015        .         .         .      1I144............
            .         .         .          .
            .         .         .          .
2018        .         .      CP144............
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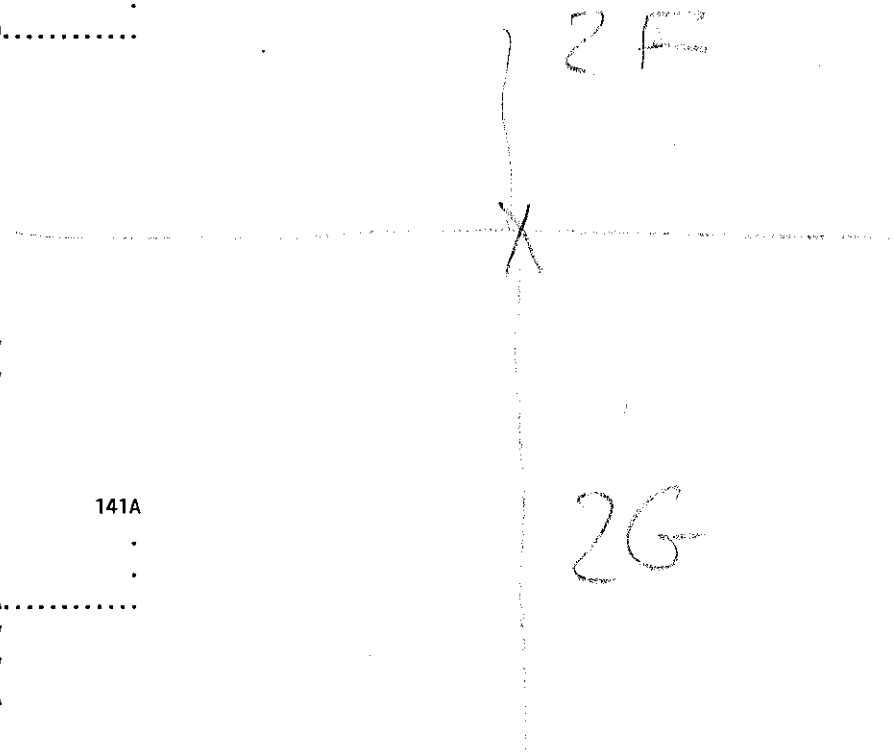

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        .         .         .
        .         .         .
2023    .         .         .-------->  D164A
2021    .         .      D144
        .         .         V
        .         .         V
2026    .         .      R144
        .         .         .
        .         .         .
2032    .         .         .       145A
        .         .         .          .
        .         .         .          .
2042    .         .   CP145A............
        .         .         V
        .         .         V
2045    .         .     R145A
        .         .         .
        .         .         .
2053    .         .         .          .<-------   DI145
2051    .         .         .       D131
        .         .         .          V
        .         .         .          V
2054    .         .         .       R131
        .         .         .          .
        .         .         .          .
2060    .         .         .          .         145
        .         .         .          .           .
        .         .         .          .           .
2070    .         .         .      1I145............
        .         .         .          .
        .         .         .          .
2073    .         .     CP145............
        .         .         .
        .         .         .
2078    .         .         .-------->  DI164
2076    .         .      D145
        .         .         .
        .         .         .
2083    .         .         .-------->  DI165
2081    .         .      D145
        .         .         V
        .         .         V
2086    .         .      R145
        .         .         .
        .         .         .
2094    .         .         .          .<-------   DI146
2092    .         .         .       D133
        .         .         .          V
        .         .         .          V
2095    .         .         .       R133
        .         .         .          .
        .         .         .          .
2101    .         .         .          .         146
        .         .         .          .           .
        .         .         .          .           .
2112    .         .         .      1I146............
        .         .         .          .
        .         .         .          .
2115    .         .     CP146............
        .         .         V
        .         .         V
2118    .         .      R146
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2G

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                .         .         .
                .         .         .
2124            .         .         .        159
                .         .         .          V
                .         .         .          V
                .         .         .       R159
                .         .         .          .
                .         .         .          .
2137            .         .         .          .         160
                .         .         .          .           .
                .         .         .          .           .
2145            .         .         .     CP160............
                .         .         .          V
                .         .         .          V
2148            .         .         .       R160
                .         .         .          .
                .         .         .          .
2154            .         .         .          .         161
                .         .         .          .           .
                .         .         .          .           .
2164            .         .         .     CP161............
                .         .         .          V
                .         .         .          V
2167            .         .         .       R161
                .         .         .          .
                .         .         .          .
2173            .         .         .          .         162
                .         .         .          .           V
                .         .         .          .           V
2181            .         .         .          .        R162
                .         .         .          .           .
                .         .         .          .           .
2187            .         .         .          .           .         163
                .         .         .          .           .           .
                .         .         .          .           .           .
2197            .         .         .          .      1I163............
                .         .         .          .           .
                .         .         .          .           .
2200            .         .         .     CP163............
                .         .         .          .
                .         .         .          .
2205            .         .         .          .-------> DI176A
2203            .         .         .       D163
                .         .         .          V
                .         .         .          V
2208            .         .         .       R163
                .         .         .          .
                .         .         .          .
2216            .         .         .          .           .<-------   D164A
2214            .         .         .          .        D144
                .         .         .          .           V
                .         .         .          .           V
2217            .         .         .          .        R144
                .         .         .          .           .
                .         .         .          .           .
2223            .         .         .          .           .         164A
                .         .         .          .           .           .
                .         .         .          .           .           .
2233            .         .         .          .     1I164A............
                .         .         .          .           .
                .         .         .          .           .
2236            .         .         .     CP164A............
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2G

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                .         .         .         V
                .         .         .         V
2239            .         .         .      R164A
                .         .         .         .
                .         .         .         .
5               .         .         .         .        164
                .         .         .         .          .
                .         .         .         .          .
2255            .         .         .      1I164............
                .         .         .         .
                .         .         .         .
2260            .         .         .         .          .<-------   DI164
2258            .         .         .         .       D145
                .         .         .         .          V
                .         .         .         .          V
2261            .         .         .         .       R145
                .         .         .         .          .
                .         .         .         .          .
2267            .         .         .      CP164............
                .         .         .         .
                .         .         .         .
2272            .         .         .         .-------->  DI177
2270            .         .         .       D164
                .         .         .         V
                .         .         .         V
2275            .         .         .       R164
                .         .         .         .
                .         .         .         .
2283            .         .         .         .          .<-------   DI165
2281            .         .         .         .       D145
                .         .         .         .          V
                .         .         .         .          V
2284            .         .         .         .       R145
                .         .         .         .          .
                .         .         .         .          .
2290            .         .         .         .          .        165
                .         .         .         .          .          .
                .         .         .         .          .          .
2301            .         .         .         .      1I165............
                .         .         .         .          .
                .         .         .         .          .
2304            .         .         .      2I165............
                .         .         .         .
                .         .         .         .
2307            .         .      CP165............
                .         .         V
                .         .         V
2310            .         .      R165
                .         .         .
                .         .         .
2318            .         .         .         .<-------  DI176A
2316            .         .         .       D163
                .         .         .         V
                .         .         .         V
2319            .         .         .       R163
                .         .         .         .
                .         .         .         .
2325            .         .         .         .       176A
                .         .         .         .          .
                .         .         .         .          .
2336            .         .         .      CP176A............
                .         .         .         .
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2G

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                .          .          .          .
2341            .          .          .          .-------->   DI191
2339            .          .          .      D176A
                .          .          .          V
                .          .          .          V
                .          .          .      R176A
                .          .          .          .
                .          .          .          .
2350            .          .          .          .        177A
                .          .          .          .          .
                .          .          .          .          .
2360            .          .          .     CP177A............
                .          .          .          V
                .          .          .          V
2363            .          .          .      R177A
                .          .          .          .
                .          .          .          .
2369            .          .          .          .        177
                .          .          .          .          .
                .          .          .          .          .
2379            .          .          .      1I177............
                .          .          .          .
                .          .          .          .
2384            .          .          .          .          .<-------   DI177
2382            .          .          .          .       D164
                .          .          .          .          V
                .          .          .          .          V
2385            .          .          .          .       R164
                .          .          .          .          .
                .          .          .          .          .
[illegible]     .          .          .     CP177............
                .          .          .          V
                .          .          .          V
2394            .          .          .       R177
                .          .          .          .
                .          .          .          .
2400            .          .          .          .        178
                .          .          .          .          .
                .          .          .          .          .
2410            .          .          .     CP178............
                .          .          .          V
                .          .          .          V
2413            .          .          .       R178
                .          .          .          .
                .          .          .          .
2419            .          .          .          .        179
                .          .          .          .          .
                .          .          .          .          .
2429            .          .          .     1I179............
                .          .          .          .
                .          .          .          .
2432            .          .     CP179............
                .          .          .
                .          .          .
2437            .          .          .-------->   DI193
[illegible]35   .          .      D179
                .          .          .
                .          .          .
2442            .          .          .-------->   DI194
2440            .          .      D179
                .          .          V
                .          .          V
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2G

2H

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2445        .         .       R179
            .         .         .
            .         .         .
2451        .         .         .        180
            .         .         .          .
            .         .         .          .
2462        .         .     1I180............
            .         .         .
            .         .         .
2467        .         .         .          .<-------   1D147
2465        .         .         .       D133
            .         .         .          V
            .         .         .          V
2468        .         .         .       R133
            .         .         .          .
            .         .         .          .
2474        .         .         .          .         147
            .         .         .          .           .
            .         .         .          .           .
2484        .         .         .     1I147............
            .         .         .          .
            .         .         .          .
2489        .         .         .          .           .<-------   2D147
2487        .         .         .          .        D134
            .         .         .          .           V
            .         .         .          .           V
2490        .         .         .          .        R134
            .         .         .          .           .
            .         .         .          .           .
2496        .         .         .     CP147 ............
            .         .         .          .
            .         .         .          .
2501        .         .         .          .-------->   DI166
2499        .         .         .       D147
            .         .         .          V
            .         .         .          V
2504        .         .         .       R147
            .         .         .          .
            .         .         .          .
2510        .         .         .          .         148
            .         .         .          .           .
            .         .         .          .           .
2520        .         .         .     1I148............
            .         .         .          .
            .         .         .          .
2525        .         .         .          .           .<-------   DI148
2523        .         .         .          .        D135
            .         .         .          .           V
            .         .         .          .           V
2526        .         .         .          .        R135
            .         .         .          .           .
            .         .         .          .           .
2532        .         .         .     CP148............
            .         .         .          .
            .         .         .          .
537         .         .         .          .-------->   DI150
35          .         .         .       D148
            .         .         .          V
            .         .         .          V
2540        .         .         .       R148
            .         .         .          .
            .         .         .          .
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2H

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2548    .       .       .       .       .<-------   DI166
2546    .       .       .       .     D147
        .       .       .       .       V
        .       .       .       .       V
9       .       .       .       .     R147
        .       .       .       .       .
        .       .       .       .       .
2555    .       .       .       .       .       166
        .       .       .       .       .         .
        .       .       .       .       .         .
2566    .       .       .       .   1I166............
        .       .       .       .       .
        .       .       .       .       .
2569    .       .       .   CP166............
        .       .       .       .
        .       .       .       .
2574    .       .       .       .------->   DI167
2572    .       .       .     D166
        .       .       .       V
        .       .       .       V
2577    .       .       .     R166
        .       .       .       .
        .       .       .       .
2583    .       .   CP180............
        .       .       .
        .       .       .
2588    .       .       .------->   1D195
2586    .       .     D180
        .       .       V
        .       .       V
1       .       .     R180
        .       .       .
        .       .       .
2597    .       .       .       181
        .       .       .       .
        .       .       .       .
2606    .       .   CP181............
        .       .       .
        .       .       .
2611    .       .       .------->   2D195
2609    .       .     D181
        .       .       V
        .       .       V
2614    .       .     R181
        .       .       .
        .       .       .
2620    .       .       .       182
        .       .       .       .
        .       .       .       .
2629    .       .   1I182............
        .       .       .
        .       .       .
2634    .       .       .       .<-------   DI150
2632    .       .       .     D148
        .       .       .       V
        .       .       .       V
5       .       .       .     R148
        .       .       .       .
        .       .       .       .
2641    .       .       .       .       150
        .       .       .       .         .
        .       .       .       .         .
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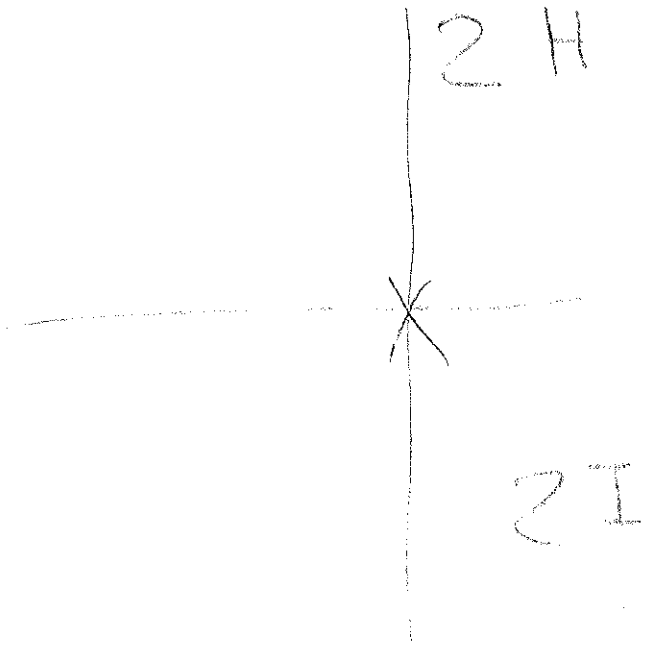

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2650   .   .   .   CP150............
       .   .   .      V
       .   .   .      V
2653   .   .   .   R150
       .   .   .      .
       .   .   .      .
2659   .   .   .      .        151
       .   .   .      .          .
       .   .   .      .          .
2668   .   .   .   1I151............
       .   .   .      .
       .   .   .      .
2673   .   .   .      .          .<-------   DI149
2671   .   .   .      .       D137
       .   .   .      .          V
       .   .   .      .          V
2674   .   .   .      .       R137
       .   .   .      .          .
       .   .   .      .          .
2680   .   .   .      .          .        149
       .   .   .      .          .          .
       .   .   .      .          .          .
2690   .   .   .      .      CP149............
       .   .   .      .          V
       .   .   .      .          V
2693   .   .   .      .       R149
       .   .   .      .          .
       .   .   .      .          .
2699   .   .   .   CP151............
       .   .   .      .
       .   .   .      .
[illegible]4   .   .   .      .-------->   1D168
2702   .   .   .   D151
       .   .   .      .
       .   .   .      .
2709   .   .   .      .-------->   DI152
2707   .   .   .   D151
       .   .   .      V
       .   .   .      V
2712   .   .   .   R151
       .   .   .      .
       .   .   .      .
2718   .   .   .      .        167
       .   .   .      .          .
       .   .   .      .          .
2729   .   .   .   1I167............
       .   .   .      .
       .   .   .      .
2734   .   .   .      .          .<-------   DI167
2732   .   .   .      .       D166
       .   .   .      .          V
       .   .   .      .          V
2735   .   .   .      .       R166
       .   .   .      .          .
       .   .   .      .          .
[illegible]41   .   .   .   CP167............
       .   .   .      .
       .   .   .      .
2746   .   .   .      .-------->   1D183
2744   .   .   .   D167
       .   .   .      .
       .   .   .      .
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2I

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2751    .       .       .       .-------->  2D168
2749    .       .       .     D167
        .       .       .       V
        .       .       .       V
        .       .       .     R167
        .       .       .       .
        .       .       .       .
2760    .       .       .       .       181A
        .       .       .       .         .
        .       .       .       .         .
2770    .       .       .   CP181A............
        .       .       .       .
        .       .       .       .
2775    .       .       .       .-------->  2D183
2773    .       .       .   D181A
        .       .       .       V
        .       .       .       V
2778    .       .       .   R181A
        .       .       .       .
        .       .       .       .
2784    .       .   CP182............
        .       .       .
        .       .       .
2789    .       .       .-------->  DI196
2787    .       .     D182
        .       .       V
        .       .       V
2792    .       .     R182
        .       .       .
        .       .       .
        .       .       .       .<--------  DI152
        .       .       .     D151
        .       .       .       V
        .       .       .       V
2801    .       .       .     R151
        .       .       .       .
        .       .       .       .
2807    .       .       .       .       152
        .       .       .       .         .
        .       .       .       .         .
2817    .       .       .   CP152............
        .       .       .       .
        .       .       .       .
2822    .       .       .       .-------->  1D169
2820    .       .       .     D152
        .       .       .       .
        .       .       .       .
2827    .       .       .       .-------->  DI155
2825    .       .       .     D152
        .       .       .       V
        .       .       .       V
2830    .       .       .     R152
        .       .       .       .
        .       .       .       .
2838    .       .       .       .         .<--------  1D168
        .       .       .       .       D151
        .       .       .       .         V
        .       .       .       .         V
2839    .       .       .       .       R151
        .       .       .       .         .
        .       .       .       .         .
2845    .       .       .       .         .       168
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2I

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                .         .         .         .         .         .
                .         .         .         .         .         .
2855            .         .         .         .      1I168...........
                .         .         .         .         .
                .         .         .         .         .
2860            .         .         .         .         .         .<-------   2D168
2858            .         .         .         .         .      D167
                .         .         .         .         .         V
                .         .         .         .         .         V
2861            .         .         .         .         .      R167
                .         .         .         .         .         .
                .         .         .         .         .         .
2867            .         .         .         .      2I168...........
                .         .         .         .         .
                .         .         .         .         .
2870            .         .         .      CP168...........
                .         .         .         .
                .         .         .         .
2875            .         .         .         .------->   2D169
2873            .         .         .      D168
                .         .         .         V
                .         .         .         V
2878            .         .         .      R168
                .         .         .         .
                .         .         .         .
2886            .         .         .         .         .<-------   1D183
2884            .         .         .         .      D167
                .         .         .         .         V
                .         .         .         .         V
2887            .         .         .         .      R167
                .         .         .         .         .
                .         .         .         .         .
2893            .         .         .         .         .      183
                .         .         .         .         .         .
                .         .         .         .         .         .
2901            .         .         .         .      1I183...........
                .         .         .         .         .
                .         .         .         .         .
2906            .         .         .         .         .         .<-------   2D183
2904            .         .         .         .         .      D181A
                .         .         .         .         .         V
                .         .         .         .         .         V
2907            .         .         .         .         .      R181A
                .         .         .         .         .         .
                .         .         .         .         .         .
2913            .         .         .         .      2I183...........
                .         .         .         .         .
                .         .         .         .         .
2916            .         .         .      CP183...........
                .         .         .         V
                .         .         .         V
2919            .         .         .      R183
                .         .         .         .
                .         .         .         .
2925            .         .         .         .      184
                .         .         .         .         .
                .         .         .         .         .
2935            .         .         .      1I184...........
                .         .         .         .
                .         .         .         .
2938            .         .      2I184...........
                .         .         .
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2I

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     .         .         .
2943 .         .         .          .<-------   DI155
2941 .         .         .       D152
     .         .         .         V
     .         .         .         V
     .         .         .       R152
     .         .         .         .
     .         .         .         .
2950 .         .         .         .        155
     .         .         .         .          .
     .         .         .         .          .
2959 .         .         .      CP155............
     .         .         .         V
     .         .         .         V
2962 .         .         .      R155
     .         .         .         .
     .         .         .         .
2970 .         .         .         .          .<-------   1D169
2968 .         .         .         .       D152
     .         .         .         .         V
     .         .         .         .         V
2971 .         .         .         .       R152
     .         .         .         .         .
     .         .         .         .         .
2977 .         .         .         .         .        169
     .         .         .         .         .          .
     .         .         .         .         .          .
2987 .         .         .         .      1I169............
     .         .         .         .         .
     .         .         .         .         .
     .         .         .      2I169............
     .         .         .         .
     .         .         .         .
2995 .         .         .         .          .<-------   2D169
2993 .         .         .         .       D168
     .         .         .         .         V
     .         .         .         .         V
2996 .         .         .         .       R168
     .         .         .         .         .
     .         .         .         .         .
3002 .         .         .      CP169............
     .         .         .         V
     .         .         .         V
3005 .         .         .      R169
     .         .         .         .
     .         .         .         .
3011 .         .      CP184............
     .         .         .
     .         .         .
3016 .         .         .-------> DI197
3014 .         .      D184
     .         .         .
     .         .         .
3021 .         .         .-------> DI198
3019 .         .      D184
     .         .         V
     .         .         V
3024 .         .      R184
     .         .         .
     .         .         .
3030 .         .         .      170
     .         .         .        V
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2 I

2 J

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                 .         .         .         V
3039             .         .         .       R170
                 .         .         .         .
                 .         .         .         .
[illegible]5     .         .         .         .         185
                 .         .         .         .           .
                 .         .         .         .           .
3055             .         .         .      1I185............
                 .         .         .         .
                 .         .         .         .
3058             .         .      CP185............
                 .         .         V
                 .         .         V
3061             .         .      R185
                 .         .         .
                 .         .         .
3069             .         .         .         .<-------   DI198
3067             .         .         .       D184
                 .         .         .         V
                 .         .         .         V
3070             .         .         .       R184
                 .         .         .         .
                 .         .         .         .
3076             .         .         .         .         198
                 .         .         .         .           .
                 .         .         .         .           .
3088             .         .         .      1I198............
                 .         .         .         .
                 .         .         .         .
3091             .         .      2I198............
[illegible]      .         .         .
                 .         .         .
3096             .         .         .         .<-------   DI197
3094             .         .         .       D184
                 .         .         .         V
                 .         .         .         V
3097             .         .         .       R184
                 .         .         .         .
                 .         .         .         .
3103             .         .         .         .         197
                 .         .         .         .           .
                 .         .         .         .           .
3115             .         .         .      CP197............
                 .         .         .         V
                 .         .         .         V
3118             .         .         .       R197
                 .         .         .         .
                 .         .         .         .
3124             .         .         .         .         203
                 .         .         .         .           .
                 .         .         .         .           .
3131             .         .         .      CP203............
                 .         .         .         .
                 .         .         .         .
3134             .         .      CP198............
                 .         .         V
                 .         .         V
[illegible]37    .         .      R198
                 .         .         .
                 .         .         .
3143             .         .         .       204
                 .         .         .         .
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2J

2K

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3150                1I204............
                                 .
                                 .
3                                .      174
                                 .       V
                                 .       V
3160                             .      R174
                                 .       .
                                 .       .
3166                             .       .        175
                                 .       .         .
                                 .       .         .
3175                             .       .         .-------> DI175A
3173                             .       .      D175
                                 .       .        V
                                 .       .        V
3178                             .       .      R175
                                 .       .         .
                                 .       .         .
3184                             .       .         .        176
                                 .       .         .         .
                                 .       .         .         .
3192                             .       .      1I176............
                                 .       .         .
                                 .       .         .
3195                             .      CP176............
                                 .       V
                                 .       V
3198                             .      R176
                                 .       .
                                 .       .
3206                             .       .         .<------- DI175A
3204                             .       .      D175
                                 .       .        V
                                 .       .        V
3207                             .       .      R175
                                 .       .         .
                                 .       .         .
3213                             .       .         .        175A
                                 .       .         .         .
                                 .       .         .         .
3221                             .       .      CP175A............
                                 .       .        V
                                 .       .        V
3224                             .       .      R175A
                                 .       .         .
                                 .       .         .
3232                             .       .         .
3230                             .       .         .         .<-------  DCP3
                                 .       .         .       CP3
                                 .       .         .        V
3233                             .       .         .        V
                                 .       .         .      RCP3
                                 .       .         .         .
                                 .       .         .         .
3239                             .       .      1I189............
                                 .       .         .
                                 .       .         .
3242                             .       .         .       189
                                 .       .         .         .
                                 .       .         .         .
3250                             .       .      CP189............
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2K

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                                  V
                                  V
3253                            R189
                                   .
                                   .
                                   .          190
                                   .           .
                                   .           .
3269                            CP190............
                                  V
                                  V
3272                            R190
                                   .
                                   .
3280                                .<-------   DI191
3278                                .        D176A
                                   .           V
                                   .           V
3281                                .        R176A
                                   .           .
                                   .           .
3287                        1I191........................
                                   .
                                   .
3290                                .         191
                                   .           .
                                   .           .
3301                        CP191............
                                   .
                                   .
                                   .-------->   DI208
    4                       CP191
                                  V
                                  V
3309                        R191
                                   .
                                   .
3315                                .        192A
                                   .           .
                                   .           .
3325                        CP192A............
                                  V
                                  V
3328                        R192A
                                   .
                                   .
3334                                .         192
                                   .           .
                                   .           .
3344                        CP192............
                                   .
                                   .
3349                                .-------->   DI209
3347                        D192
                                   .
                                   .
    4                               .-------->   DI210
3352                        D192
                                  V
                                  V
3357                        R192
                                   .
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2K

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                .         .         .         .
3363            .         .         .         .        193
                .         .         .         .          .
                .         .         .         .          .
[illegible]4    .         .         .      1I193...........
                .         .         .         .
                .         .         .         .
3379            .         .         .         .          .<-------   DI193
3377            .         .         .         .       D179
                .         .         .         .          V
                .         .         .         .          V
3380            .         .         .         .       R179
                .         .         .         .          .
                .         .         .         .          .
3386            .         .         .      CP193...........
                .         .         .         .
                .         .         .         .
3391            .         .         .         .------->   DI212
3389            .         .         .      D193
                .         .         .         V
                .         .         .         V
3394            .         .         .      R193
                .         .         .         .
                .         .         .         .
3402            .         .         .         .          .<-------   DI194
3400            .         .         .         .       D179
                .         .         .         .          V
                .         .         .         .          V
3403            .         .         .         .       R179
                .         .         .         .          .
                .         .         .         .          .
[illegible]09   .         .         .         .          .        194
                .         .         .         .          .          .
                .         .         .         .          .          .
3420            .         .         .         .      1I194...........
                .         .         .         .          .
                .         .         .         .          .
3423            .         .         .      CP194...........
                .         .         .         V
                .         .         .         V
3426            .         .         .      R194
                .         .         .         .
                .         .         .         .
3434            .         .         .         .          .<-------   1D195
3432            .         .         .         .       D180
                .         .         .         .          V
                .         .         .         .          V
3435            .         .         .         .       R180
                .         .         .         .          .
                .         .         .         .          .
3441            .         .         .         .          .        195
                .         .         .         .          .          .
                .         .         .         .          .          .
3453            .         .         .         .      1I195...........
                .         .         .         .          .
                .         .         .         .          .
[illegible]3    .         .         .         .          .          .<-------   2D195
3456            .         .         .         .          .       D181
                .         .         .         .          .          V
                .         .         .         .          .          V
3459            .         .         .         .          .       R181
                .         .         .         .          .          .
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2K

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        .         .         .         .         .         .
3465    .         .         .     CP195.......................
        .         .         .         .
        .         .         .         .
[illegible]0    .         .         .         .-------->   1D201
[illegible]8    .         .         .     D195
        .         .         .         V
        .         .         .         V
3473    .         .         .     R195
        .         .         .         .
        .         .         .         .
3481    .         .         .         .           .<-------   DI196
3479    .         .         .         .       D182
        .         .         .         .         V
        .         .         .         .         V
3482    .         .         .         .       R182
        .         .         .         .         .
        .         .         .         .         .
3488    .         .         .         .         .         196
        .         .         .         .         .          .
        .         .         .         .         .          .
3498    .         .         .         .      1I196............
        .         .         .         .         .
        .         .         .         .         .
3501    .         .         .     CP196............
        .         .         .         .
        .         .         .         .
3506    .         .         .         .-------->   1D226
3504    .         .         .     D196
        .         .         .         V
        .         .         .         V
[illegible]09    .         .         .     R196
        .         .         .         .
        .         .         .         .
3515    .         .         .         .         202
        .         .         .         .          .
        .         .         .         .          .
3527    .         .         .     CP202............
        .         .         .         .
        .         .         .         .
3532    .         .         .         .-------->   2D226
3530    .         .         .     D202
        .         .         .         V
        .         .         .         V
3535    .         .         .     R202
        .         .         .         .
        .         .         .         .
3541    .         .     CP204............
        .         .         V
        .         .         V
3544    .         .     R204
        .         .         .
        .         .         .
3550    .         .         .       205
        .         .         .         .
        .         .         .         .
[illegible]6    .         .     CP205............
        .         .         V
        .         .         V
3559    .         .     R205
        .         .         .
        .         .         .
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3565   .        .        .        206
       .        .        .         .
       .        .        .         .
3572   .        .     CP206.........
       .        .        .
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3575   .     RCP206.........
       .        V
       .        V
3578   .     RR206
       .        .
       .        .
3584   .        .     228A
       .        .        .
       .        .        .
3591   .     RC228A.........
       .        V
       .        V
3594   .     RR228A
       .        .
       .        .
3602   .        .------->  DR228A
3600   .     DR228A
       .        .
       .        .
3607   .        .        .<-------   DCP10
3605   .        .     CP10
       .        .        V
       .        .        V
3608   .        .     R10
       .        .        .
       .        .        .
3614   .        .        .        188
       .        .        .         .
       .        .        .         .
3621   .        .     CP188.........
       .        .        V
       .        .        V
3624   .        .     R188
       .        .        .
       .        .        .
3630   .        .        .        207A
       .        .        .         .
       .        .        .         .
3637   .        .     CP207A.........
       .        .        V
       .        .        V
3640   .        .     R207A
       .        .        .
       .        .        .
3646   .        .        .        214
       .        .        .         .
       .        .        .         .
3653   .        .     CP214.........
       .        .        V
       .        .        V
3656   .        .     R214
       .        .        .
       .        .        .
3662   .        .        .        215A
       .        .        .          V
       .        .        .          V
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2K

3

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3670   .      .      .      R215A
       .      .      .        .
       .      .      .        .
3676   .      .      .        .        215
       .      .      .        .          .
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3683   .      .      .      1I215............
       .      .      .        .
       .      .      .        .
3686   .      .    CP215............
       .      .      V
       .      .      V
3689   .      .    R215
       .      .      .
       .      .      .
3695   .      .      .        233
       .      .      .        .
       .      .      .        .
3703   .      .    CP233............
       .      .      V
       .      .      V
3706   .      .    R233
       .      .      .
       .      .      .
3712   .      .      .        216
       .      .      .         V
       .      .      .         V
3721   .      .      .       R216
       .      .      .        .
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       .      .      .        .        234
       .      .      .        .          .
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3737   .      .      .      1I234............
       .      .      .        .
       .      .      .        .
3740   .      .    CP234............
       .      .      .
       .      .      .
3745   .      .      .-------->   1D248
3743   .      .    D234
       .      .      V
       .      .      V
3748   .      .    R234
       .      .      .
       .      .      .
3754   .      .      .        207
       .      .      .        .
       .      .      .        .
3767   .      .      .        .-------->   2D208
3765   .      .      .       D207
       .      .      .         V
       .      .      .         V
3770   .      .      .       R207
       .      .      .        .
       .      .      .        .
       .      .      .        .        217
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       .      .      .        .          .
3786   .      .      .      CP217............
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3791    .       .       .       .-------->  DI218
3789    .       .       .     D217
        .       .       .       V
        .       .       .       V
        .       .       .     R217
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        .       .       .       .
3800    .       .       .       .       235
        .       .       .       .         .
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3811    .       .       .    1I235............
        .       .       .       .
        .       .       .       .
3814    .       .    CP235............
        .       .       .
        .       .       .
3819    .       .       .-------->  2D248
3817    .       .     D235
        .       .       V
        .       .       V
3822    .       .     R235
        .       .       .
        .       .       .
3830    .       .       .       .<--------  DI208
3828    .       .       .     D191
        .       .       .       V
        .       .       .       V
3831    .       .       .     R191
        .       .       .       .
        .       .       .       .
        .       .       .       .       208
        .       .       .       .         .
        .       .       .       .         .
3848    .       .       .    1I208............
        .       .       .       .
        .       .       .       .
3853    .       .       .       .         .<--------  2D208
3851    .       .       .       .       D207
        .       .       .       .         V
        .       .       .       .         V
3854    .       .       .       .       R207
        .       .       .       .         .
        .       .       .       .         .
3860    .       .       .    CP208............
        .       .       .       .
        .       .       .       .
3865    .       .       .       .-------->  1D219
3863    .       .       .     D208
        .       .       .       .
        .       .       .       .
3870    .       .       .       .-------->  DI209A
3868    .       .       .     D208
        .       .       .       V
        .       .       .       V
3873    .       .       .     R208
        .       .       .       .
        .       .       .       .
3879    .       .       .       .       218
        .       .       .       .         .
        .       .       .       .         .
3890    .       .       .    1I218............
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3895                                  .<-------   DI218
3893                                D217
                                      V
                                      V
                                    R217
                                      .
                                      .
3902                  CP218............
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3907                                  .------->   DI237
3905                  D218
                                      .
                                      .
3912                                  .------->   2D219
3910                  D218
                                      V
                                      V
3915                  R218
                                      .
                                      .
3921                                  .         236
                                      .           .
                                      .           .
3932                  1I236............
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                                      .
3935              CP236............
                                      .
                                      .
                                  .------->   DI249
3938              D236
                                      .
                                      .
3945                              .------->   1D250
3943              D236
                                      V
                                      V
3948              R236
                                      .
                                      .
3954                  209A
                                      .
                                      .
3966                                  .           .<-------   DI209A
3964                                  .         D208
                                      .           V
                                      .           V
3967                                  .         R208
                                      .           .
                                      .           .
3973                  CP209A...........
                                      .
                                      .
                                      .------->   1D220
                      D209A
                                      .
                                      .
3983                                  .------->   2D209
3981                  D209A
                                      V
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                 .         .         .         V
3986             .         .         .       R209A
                 .         .         .         .
                 .         .         .         .
[illegible]4     .         .         .         .           .<-------   1D219
[illegible]2     .         .         .         .       D208
                 .         .         .         .         V
                 .         .         .         .         V
3995             .         .         .         .       R208
                 .         .         .         .         .
                 .         .         .         .         .
4001             .         .         .         .         .         219
                 .         .         .         .         .           .
                 .         .         .         .         .           .
4011             .         .         .         .     1I219............
                 .         .         .         .         .
                 .         .         .         .         .
4014             .         .         .       2I219............
                 .         .         .         .
                 .         .         .         .
4019             .         .         .         .           .<-------   2D219
4017             .         .         .         .       D218
                 .         .         .         .         V
                 .         .         .         .         V
4020             .         .         .         .       R218
                 .         .         .         .         .
                 .         .         .         .         .
4026             .         .         .       CP219............
                 .         .         .         .
                 .         .         .         .
[illegible]1     .         .         .         .-------->  DI238
[illegible]29    .         .         .       D219
                 .         .         .         .
                 .         .         .         .
4036             .         .         .         .-------->  2D220
4034             .         .         .       D219
                 .         .         .         V
                 .         .         .         V
4039             .         .         .       R219
                 .         .         .         .
                 .         .         .         .
4047             .         .         .         .           .<-------   DI237
4045             .         .         .         .       D218
                 .         .         .         .         V
                 .         .         .         .         V
4048             .         .         .         .       R218
                 .         .         .         .         .
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4054             .         .         .         .         .         237
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                 .         .         .         .         .           .
4065             .         .         .         .     1I237............
                 .         .         .         .         .
                 .         .         .         .         .
4068             .         .         .       2I237............
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4071             .         .     CP237............
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4076             .         .         .-------->  2D250
4074             .         .     D237
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4081            .       .-------> 1D250A
4079            .     D237
                .       V
                .       V
4084            .     R237
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4092            .       .<-------   DI209
4090            .     1D192
                .       V
                .       V
4093            .     R192
                .       .
                .       .
4099            .       .         209
                .       .           .
                .       .           .
4109            .     1I209............
                .       .
                .       .
4114            .       .           .<-------   2D209
4112            .       .       D209A
                .       .           V
                .       .           V
4115            .       .       R209A
                .       .           .
                .       .           .
121             .     CP209............
                .       .
                .       .
4126            .       .------->   1D221
4124            .     D209
                .       .
                .       .
4131            .       .------->   2D210
4129            .     D209
                .       V
                .       V
4134            .     R209
                .       .
                .       .
4142            .       .           .<-------   1D220
4140            .       .       D209A
                .       .           V
                .       .           V
4143            .       .       R209A
                .       .           .
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4149            .       .           .         220
                .       .           .           .
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4159            .       .       1I220............
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2               .     2I220............
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4167            .       .           .<-------   2D220
4165            .       .       D219
                .       .           V
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                                  .          V
4168                              .        R219
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                                  .      CP220............
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4179                              .-------> DI239
4177                              .      D220
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4184                              .-------> 2D221
4182                              .      D220
                                  .        V
                                  .        V
4187                              .      R220
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4195                              .          .<-------  DI238
4193                              .        D219
                                  .          V
                                  .          V
4196                              .        R219
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4202                              .          .        238
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4212                              .        1I238............
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                                  .      2I238............
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4218                           CP238............
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                                  .
4223                              .-------> 2D250A
4221                           D238
                                  .
                                  .
4228                              .-------> 1D251
4226                           D238
                                  V
                                  V
4231                           R238
                                  .
                                  .
4239                              .<-------  DI210
4237                              .      2D192
                                  .        V
                                  .        V
4240                              .      R192
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                                  .        210
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4256                              .      1I210............
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4261                              .          .<-------  2D210
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4259   .    .    .    .    D209
       .    .    .    .      V
       .    .    .    .      V
4262   .    .    .    .    R209
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       .    .    .    .      .
4268   .    .    .  CP210............
       .    .    .    V
       .    .    .    V
4271   .    .    .  R210
       .    .    .    .
       .    .    .    .
4279   .    .    .    .      .<-------   1D221
4277   .    .    .    .    D209
       .    .    .    .      V
       .    .    .    .      V
4280   .    .    .    .    R209
       .    .    .    .      .
       .    .    .    .      .
4286   .    .    .    .      .        221
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4296   .    .    .    .   1I221............
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       .    .    .    .      .
4299   .    .    .  2I221............
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       .    .    .    .
4304   .    .    .    .      .<-------   2D221
4302   .    .    .    .    D220
       .    .    .    .      V
       .    .    .    .      V
4305   .    .    .    .    R220
       .    .    .    .      .
       .    .    .    .      .
4311   .    .    .  CP221............
       .    .    .    V
       .    .    .    V
4314   .    .    .  R221
       .    .    .    .
       .    .    .    .
4322   .    .    .    .      .<-------   DI239
4320   .    .    .    .    D220
       .    .    .    .      V
       .    .    .    .      V
4323   .    .    .    .    R220
       .    .    .    .      .
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4329   .    .    .    .      .        239
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4339   .    .    .    .   1I239............
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4342   .    .    .  2I239............
       .    .    .    .
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4345   .    .  CP239............
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4350   .    .    .-------> 2D251
4348   .    .  D239
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                 .         .         V
                 .         .         V
4353             .         .       R239
                 .         .         .
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                 .         .         .        240
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                 .         .         .          .
4369             .         .       CP240............
                 .         .         V
                 .         .         V
4372             .         .       R240
                 .         .         .
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4378             .         .         .        213
                 .         .         .          V
                 .         .         .          V
4386             .         .         .       R213
                 .         .         .          .
                 .         .         .          .
4392             .         .         .          .        212
                 .         .         .          .          .
                 .         .         .          .          .
4406             .         .         .          .          .          .<-------   DI212
4404             .         .         .          .          .       D193
                 .         .         .          .          .          V
                 .         .         .          .          .          V
4407             .         .         .          .          .       R193
                 .         .         .          .          .          .
                 .         .         .          .          .          .
                 .         .         .          .       1I212............
                 .         .         .          .          V
                 .         .         .          .          V
4416             .         .         .          .      SR212
                 .         .         .          .          .
                 .         .         .          .          .
4422             .         .         .      CP212............
                 .         .         .          V
                 .         .         .          V
4425             .         .         .       R212
                 .         .         .          .
                 .         .         .          .
4431             .         .         .          .        211
                 .         .         .          .          V
                 .         .         .          .          V
4441             .         .         .          .       R211
                 .         .         .          .          .
                 .         .         .          .          .
4447             .         .         .          .          .       221A
                 .         .         .          .          .          .
                 .         .         .          .          .          .
4458             .         .         .          .      1I221A............
                 .         .         .          .          V
                 .         .         .          .          V
4461             .         .         .          .      SR221A
                 .         .         .          .          .
                 .         .         .          .          .
4467             .         .         .      CP221A............
                 .         .         .          V
                 .         .         .          V
4470             .         .         .      R221A
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4476                                  222
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8                                CP222............
                                       V
                                       V
4491                             R222
                                        .
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4499                                    .<-------   2D226
4497                                 D202
                                        V
                                        V
4500                                 R202
                                        .
                                        .
4506                                    .         226
                                        .           .
                                        .           .
4513                                 1I226............
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4518                                    .           .<-------   1D226
4516                                    .        D196
                                        .           .
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4519                                 CP226............
                                        V
                                        V
2                                    SR226
                                        V
                                        V
4528                                 R226
                                        .
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4536                                    .           .<-------   1D201
4534                                    .        D195
                                        .           V
                                        .           V
4537                                    .        R195
                                        .           .
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4543                                    .           .         201
                                        .           .           .
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4550                                    .       CP201............
                                        .           V
                                        .           V
4553                                    .        R201
                                        .           .
                                        .           .
4559                                    .           .         223
                                        .           .           .
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7                                       .       1I223............
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4570                                 CP223............
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                                        .
4575                                    .-------->  DI225
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4573  .         .         .         .         D223
      .         .         .         .           V
      .         .         .         .           V
4578  .         .         .         .         R223
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      .         .         .         .           .
4584  .         .         .         .           .         224
      .         .         .         .           .           .
      .         .         .         .           .           .
4591  .         .         .         .       CP224............
      .         .         .         .           V
      .         .         .         .           V
4594  .         .         .         .         R224
      .         .         .         .           .
      .         .         .         .           .
4600  .         .         .         .           .         241
      .         .         .         .           .           .
      .         .         .         .           .           .
4608  .         .         .         .       1I241............
      .         .         .         .           .
      .         .         .         .           .
4611  .         .         .       2I241............
      .         .         .         .
      .         .         .         .
4614  .         .     CP241............
      .         .         V
      .         .         V
4617  .         .     SR241
      .         .         V
      .         .         V
      .         .       R241
      .         .         .
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4629  .         .         .       253
      .         .         .         .
      .         .         .         .
4639  .         .     1I253............
      .         .         .
      .         .         .
4642  .         .         .       253A
      .         .         .         V
      .         .         .         V
4649  .         .         .       R253A
      .         .         .         .
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4655  .         .     2I253............
      .         .         .
      .         .         .
4658  .         .         .       247
      .         .         .         .
      .         .         .         .
4670  .         .         .         .-------->   DI261
4668  .         .         .       D247
      .         .         .         V
      .         .         .         V
      .         .         .       R247
      .         .         .         .
      .         .         .         .
4679  .         .         .         .         248
      .         .         .         .           .
      .         .         .         .           .
4692  .         .         .         .           .         .<-------   1D248
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4690   .         .         .         .         .         D234
       .         .         .         .         .           V
       .         .         .         .         .           V
4693   .         .         .         .         .         R234
       .         .         .         .         .           .
       .         .         .         .         .           .
4699   .         .         .         .      1I248............
       .         .         .         .         .
       .         .         .         .         .
4702   .         .         .     2I248............
       .         .         .         .
       .         .         .         .
4707   .         .         .         .         .<-------   2D248
4705   .         .         .         .      D235
       .         .         .         .         V
       .         .         .         .         V
4708   .         .         .         .      R235
       .         .         .         .         .
       .         .         .         .         .
4714   .         .         .     CP248............
       .         .         .         .
       .         .         .         .
4719   .         .         .         .------->   DI262
4717   .         .         .      D248
       .         .         .         V
       .         .         .         V
4722   .         .         .      R248
       .         .         .         .
       .         .         .         .
4728   .         .         .         .        249
       .         .         .         .         .
       .         .         .         .         .
4739   .         .         .     1I249............
       .         .         .         .
       .         .         .         .
4744   .         .         .         .         .<-------   DI249
4742   .         .         .         .      D236
       .         .         .         .         V
       .         .         .         .         V
4745   .         .         .         .      R236
       .         .         .         .         .
       .         .         .         .         .
4751   .         .         .     CP249............
       .         .         .         .
       .         .         .         .
4756   .         .         .         .------->   DI264
4754   .         .         .      D249
       .         .         .         V
       .         .         .         V
4759   .         .         .      R249
       .         .         .         .
       .         .         .         .
4767   .         .         .         .         .<-------   1D250
4765   .         .         .         .      D236
       .         .         .         .         V
       .         .         .         .         V
4768   .         .         .         .      R236
       .         .         .         .         .
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4774   .         .         .         .         .         250
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4784                                  1I250............
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4789                                    .                .<-------   2D250
47                                      .            D237
                                        .              V
                                        .              V
4790                                    .            R237
                                        .              .
                                        .              .
4796                                  2I250............
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                                        .
4799                            CP250............
                                    V
                                    V
4802                             R250
                                    .
                                    .
4810                                    .          .<-------  1D250A
4808                                  D237
                                        V
                                        V
4811                                  R237
                                        .
                                        .
4817                                    .            250A
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4828                                 1I250A............
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4833                                    .                .<-------  2D250A
4831                                    .            D238
                                        .              V
                                        .              V
4834                                    .            R238
                                        .              .
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4840                                 2I250A............
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4843                            CP250A............
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4848                                    .-------> DI265A
4846                             D250A
                                        .
                                        .
4853                                    .------->  1D266
4851                            D250A
                                    V
                                    V
4856                            R250A
                                        .
                                        .
64                                      .          .<-------   1D251
4862                                  D238
                                        V
                                        V
4865                                  R238
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4871            .         .         .         .         .       251
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[illegible]1    .         .         .         .     1I251............
                .         .         .         .         .
                .         .         .         .         .
4886            .         .         .         .         .         .<-------   2D251
4884            .         .         .         .         .      D239
                .         .         .         .         .         V
                .         .         .         .         .         V
4887            .         .         .         .         .      R239
                .         .         .         .         .         .
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4893            .         .         .         .     2I251............
                .         .         .         .         .
                .         .         .         .         .
4896            .         .         .     CP251............
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                .         .         .         .
4901            .         .         .         .-------->   2D266
4899            .         .         .     D251
                .         .         .         V
                .         .         .         V
4904            .         .         .     R251
                .         .         .         .
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4910            .         .         .         .       252
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[illegible]0    .         .         .     CP252............
                .         .         .         .
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4925            .         .         .         .-------->   DI267
4923            .         .         .     D252
                .         .         .         V
                .         .         .         V
4928            .         .         .     R252
                .         .         .         .
                .         .         .         .
4934            .         .     CP253............
                .         .         V
                .         .         V
4937            .         .     SR253
                .         .         V
                .         .         V
4943            .         .      R253
                .         .         .
                .         .         .
4949            .         .         .      268
                .         .         .         .
                .         .         .         .
4960            .         .     1I268............
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                .         .         .
[illegible]65   .         .         .         .<-------   1D266
[illegible]63   .         .         .     D250A
                .         .         .         V
                .         .         .         V
4966            .         .         .     R250A
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4972    .       .       .       .       266
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4983    .       .       .   1I266............
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        .       .       .       .
4988    .       .       .       .         .<-------   2D266
4986    .       .       .       .     D251
        .       .       .       .       V
        .       .       .       .       V
4989    .       .       .       .     R251
        .       .       .       .         .
        .       .       .       .         .
4995    .       .       .   CP266............
        .       .       .       .
        .       .       .       .
5000    .       .       .       .------->   DI283
4998    .       .       .   D266
        .       .       .     V
        .       .       .     V
5003    .       .       .   R266
        .       .       .       .
        .       .       .       .
5011    .       .       .       .         .<-------   DI267
5009    .       .       .       .     D252
        .       .       .       .       V
        .       .       .       .       V
5012    .       .       .       .     R252
        .       .       .       .         .
        .       .       .       .         .
8       .       .       .       .         .       267
        .       .       .       .         .         .
        .       .       .       .         .         .
5028    .       .       .       .   1I267............
        .       .       .       .         .
        .       .       .       .         .
5031    .       .       .   CP267............
        .       .       .       .
        .       .       .       .
5036    .       .       .       .------->   DI284
5034    .       .       .   D267
        .       .       .     V
        .       .       .     V
5039    .       .       .   R267
        .       .       .       .
        .       .       .       .
5045    .       .   CP268............
        .       .     V
        .       .     V
5048    .       .   SR268
        .       .     V
        .       .     V
5054    .       .   R268
        .       .       .
        .       .       .
60      .       .       .   286
        .       .       .     .
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5070    .       .   1I286............
        .       .       .
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5073    .       .       .   288
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                .         .         .         V
                .         .         .         V
5084            .         .         .       R288
                .         .         .         .
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[illegible]0    .         .      CP286............
                .         .         V
                .         .         V
5093            .         .      R286
                .         .         .
                .         .         .
5099            .         .         .       287
                .         .         .         .
                .         .         .         .
5108            .         .      1I287............
                .         .         .
                .         .         .
5113            .         .         .         .<-------   DI283
5111            .         .         .       D266
                .         .         .         V
                .         .         .         V
5114            .         .         .       R266
                .         .         .         .
                .         .         .         .
5120            .         .         .         .         283
                .         .         .         .           .
                .         .         .         .           .
5130            .         .         .      CP283............
                .         .         .         V
                .         .         .         V
[illegible]3    .         .         .       R283
                .         .         .         .
                .         .         .         .
5139            .         .         .         .        285B
                .         .         .         .           .
                .         .         .         .           .
5146            .         .         .     CP285B............
                .         .         .         V
                .         .         .         V
5149            .         .         .     SR285B
                .         .         .         .
                .         .         .         .
5157            .         .         .         .-------->  DI297
5155            .         .         .      D285B
                .         .         .         V
                .         .         .         V
5160            .         .         .      R285B
                .         .         .         .
                .         .         .         .
5168            .         .         .         .           .<-------   DI284
5166            .         .         .         .        D267
                .         .         .         .           V
                .         .         .         .           V
5169            .         .         .         .        R267
                .         .         .         .           .
                .         .         .         .           .
[illegible]5    .         .         .         .           .         284
                .         .         .         .           .           .
                .         .         .         .           .           .
5185            .         .         .         .      CP284............
                .         .         .         .           V
                .         .         .         .           V
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5188   .        .        .        .      SR284
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5194   .        .        .        .      R284
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5200   .        .        .        .        .        285A
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5207   .        .        .        .    1I285A............
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5210   .        .        .   CP285A............
       .        .        .       V
       .        .        .       V
5213   .        .        .   SR285A
       .        .        .       .
       .        .        .       .
5221   .        .        .       .-------->  1D297A
5219   .        .        .    D285A
       .        .        .       V
       .        .        .       V
5224   .        .        .    R285A
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5230   .        .        .       .        285
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5237   .        .        .    CP285............
       .        .        .       V
       .        .        .       V
240    .        .        .    SR285
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5248   .        .        .       .-------->  2D297A
5246   .        .        .    D285
       .        .        .       V
       .        .        .       V
5251   .        .        .    R285
       .        .        .       .
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5257   .        .   CP287............
       .        .       V
       .        .       V
5260   .        .   SR287
       .        .       V
       .        .       V
5266   .        .    R287
       .        .       .
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5272   .        .        .     298
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5282   .        .   CP298............
       .        .       V
       .        .       V
5285   .        .   SR298
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5291   .        .    R298
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5297    .       .       .       316
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5308    .       .     CP316............
        .       .       V
        .       .       V
5311    .       .     R316
        .       .       .
        .       .       .
5317    .       .       .       334
        .       .       .        .
        .       .       .        .
5327    .       .     1I334............
        .       .       .
        .       .       .
5332    .       .       .        .<-------  2D297A
5330    .       .       .      D285
        .       .       .        V
        .       .       .        V
5333    .       .       .      R285
        .       .       .        .
        .       .       .        .
5341    .       .       .        .          .<-------  1D297A
5339    .       .       .        .      D285A
        .       .       .        .          V
        .       .       .        .          V
5342    .       .       .        .      R285A
        .       .       .        .          .
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5348    .       .       .        .          .       297A
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5357    .       .       .        .     1I297A............
        .       .       .        .          .
        .       .       .        .          .
5360    .       .       .    CP297A............
        .       .       .        V
        .       .       .        V
5363    .       .       .     R297A
        .       .       .        .
        .       .       .        .
5369    .       .       .        .        315
        .       .       .        .          .
        .       .       .        .          .
5380    .       .       .    CP315............
        .       .       .        V
        .       .       .        V
5383    .       .       .     R315
        .       .       .        .
        .       .       .        .
5389    .       .     CP334............
        .       .       V
        .       .       V
5392    .       .     R334
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        .       .       .
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        .       .       .        .
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5407    .       .     CP335............
        .       .       V
        .       .       V
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5410    .       .       R335
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5416    .       .       .       299
        .       .       .        V
        .       .       .        V
5426    .       .       .       R299
        .       .       .        .
        .       .       .        .
5432    .       .       .        .       317
        .       .       .        .        .
        .       .       .        .        .
5443    .       .       .       CP317............
        .       .       .        V
        .       .       .        V
5446    .       .       .       R317
        .       .       .        .
        .       .       .        .
5452    .       .       .        .       300
        .       .       .        .        V
        .       .       .        .        V
5461    .       .       .        .       R300
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5467    .       .       .        .        .       318
        .       .       .        .        .        .
        .       .       .        .        .        .
5476    .       .       .        .      CP318............
        .       .       .        .        V
        .       .       .        .        V
        .       .       .        .       R318
        .       .       .        .        .
        .       .       .        .        .
5485    .       .       .        .        .       301
        .       .       .        .        .        V
        .       .       .        .        .        V
5492    .       .       .        .        .       R301
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5498    .       .       .        .        .        .       319
        .       .       .        .        .        .        .
        .       .       .        .        .        .        .
5506    .       .       .        .        .      CP319............
        .       .       .        .        .        V
        .       .       .        .        .        V
5509    .       .       .        .        .       R319
        .       .       .        .        .        .
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5515    .       .       .        .        .        .       337
        .       .       .        .        .        .        .
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5522    .       .       .        .      CP337........................
        .       .       .        .        V
        .       .       .        .        V
5525    .       .       .        .      SR337
        .       .       .        .        .
        .       .       .        .        .
5533    .       .       .        .        .-------->   DI367
5531    .       .       .        .      D337
        .       .       .        .        V
        .       .       .        .        V
5536    .       .       .        .      R337
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5542            .         .         .      1I336.........
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                .         .         .
5548            .         .         .       336
                .         .         .         .
                .         .         .         .
5562            .         .     CP336.........
                .         .         V
                .         .         V
5565            .         .     SR336
                .         .         .
                .         .         .
5571            .         .         .      336A
                .         .         .         .
                .         .         .         .
5585            .         .    CP336A.........
                .         .         V
                .         .         V
5588            .         .     R336A
                .         .         .
                .         .         .
5594            .         .         .      364A
                .         .         .         .
                .         .         .         .
5601            .         .    1I364A.........
                .         .         .
                .         .         .
5604            .         .         .      336B
                .         .         .         V
                .         .         .         V
5610            .         .         .     SR336B
                .         .         .         V
                .         .         .         V
5616            .         .         .     R336B
                .         .         .         .
                .         .         .         .
5622            .         .    CP364A.........
                .         .         .
                .         .         .
5627            .         .         .-------> DI363
5625            .         .     D364A
                .         .         V
                .         .         V
5630            .         .     R364A
                .         .         .
                .         .         .
5636            .         .         .       365
                .         .         .         V
                .         .         .         V
5645            .         .         .      R365
                .         .         .         .
                .         .         .         .
5651            .         .         .         .       364
                .         .         .         .         .
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5661            .         .         .     1I364.........
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5664            .         .      CP364............
                .         .         V
                .         .         V
[illegible]7    .         .      SR364
                .         .         .
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5675            .         .         .-------> DIGILA
5673            .         .      D364
                .         .         V
                .         .         V
5678            .         .      R364
                .         .         .
                .         .         .
5686            .         .         .          .<-------   DI363
5684            .         .         .      D364A
                .         .         .          V
                .         .         .          V
5687            .         .         .      R364A
                .         .         .          .
                .         .         .          .
5693            .         .         .          .         363
                .         .         .          .           .
                .         .         .          .           .
5704            .         .         .      1I363............
                .         .         .          .
                .         .         .          .
5707            .         .      2I363............
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                .         .         .
[illegible]0    .         .         .       314
                .         .         .         V
                .         .         .         V
5720            .         .         .      R314
                .         .         .          .
                .         .         .          .
5726            .         .         .          .         333
                .         .         .          .           .
                .         .         .          .           .
5736            .         .         .      CP333............
                .         .         .          V
                .         .         .          V
5739            .         .         .      R333
                .         .         .          .
                .         .         .          .
5745            .         .         .          .        348A
                .         .         .          .           .
                .         .         .          .           .
5753            .         .         .     CP348A............
                .         .         .          V
                .         .         .          V
5756            .         .         .     R348A
                .         .         .          .
                .         .         .          .
5762            .         .         .          .        348B
[illegible]     .         .         .          .           .
                .         .         .          .           .
[illegible]73   .         .         .     CP348B............
                .         .         .          V
                .         .         .          V
5776            .         .         .     SR348B
                .         .         .          V
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                 .         .         .         V
5782             .         .         .      R348B
                 .         .         .         .
                 .         .         .         .
[illegible]8     .         .      3I363............
                 .         .         .
                 .         .         .
5791             .         .         .       348
                 .         .         .         V
                 .         .         .         V
5800             .         .         .      SR348
                 .         .         .         .
                 .         .         .         .
5808             .         .         .         .-------->   DI347
5806             .         .         .      D348
                 .         .         .         V
                 .         .         .         V
5811             .         .         .      R348
                 .         .         .         .
                 .         .         .         .
5817             .         .      CP363............
                 .         .         V
                 .         .         V
5820             .         .      R363
                 .         .         .
                 .         .         .
5826             .         .         .       362
                 .         .         .         .
                 .         .         .         .
[illegible]835   .         .      1I362............
                 .         .         .
                 .         .         .
5838             .         .         .       265
                 .         .         .         V
                 .         .         .         V
5849             .         .         .      R265
                 .         .         .         .
                 .         .         .         .
5857             .         .         .         .          .<-------  DI265A
5855             .         .         .         .      D250A
                 .         .         .         .          V
                 .         .         .         .          V
5858             .         .         .         .      R250A
                 .         .         .         .          .
                 .         .         .         .          .
5864             .         .         .         .          .        265A
                 .         .         .         .          .          .
                 .         .         .         .          .          .
5874             .         .         .         .      1I265A............
                 .         .         .         .          .
                 .         .         .         .          .
5877             .         .         .      CP265A............
                 .         .         .         V
                 .         .         .         V
5880             .         .         .      R265A
                 .         .         .         .
                 .         .         .         .
[illegible]86    .         .         .         .        281
                 .         .         .         .          .
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5897             .         .         .      CP281............
                 .         .         .         V
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                 .         .         .         V
5900             .         .         .       SR281
                 .         .         .         .
                 .         .         .         .
08               .         .         .         .-------->   DI280
5                .         .         .       D281
                 .         .         .         V
                 .         .         .         V
5911             .         .         .       R281
                 .         .         .         .
                 .         .         .         .
5917             .         .         .         .         282
                 .         .         .         .           .
                 .         .         .         .           .
5924             .         .         .       CP282............
                 .         .         .         V
                 .         .         .         V
5927             .         .         .       SR282
                 .         .         .         V
                 .         .         .         V
5933             .         .         .       R282
                 .         .         .         .
                 .         .         .         .
5939             .         .         .         .         232
                 .         .         .         .           V
                 .         .         .         .           V
5947             .         .         .         .         R232
                 .         .         .         .           .
                 .         .         .         .           .
5953             .         .         .         .           .         246
                 .         .         .         .           .           .
                 .         .         .         .           .           .
5961             .         .         .         .       CP246............
                 .         .         .         .           V
                 .         .         .         .           V
5964             .         .         .         .       R246
                 .         .         .         .           .
                 .         .         .         .           .
5970             .         .         .         .           .         260
                 .         .         .         .           .           .
                 .         .         .         .           .           .
5977             .         .         .         .       CP260............
                 .         .         .         .           V
                 .         .         .         .           V
5980             .         .         .         .       R260
                 .         .         .         .           .
                 .         .         .         .           .
5986             .         .         .         .           .         273
                 .         .         .         .           .           .
                 .         .         .         .           .           .
5994             .         .         .         .       CP273............
                 .         .         .         .           V
                 .         .         .         .           V
5997             .         .         .         .       SR273
                 .         .         .         .           .
                 .         .         .         .           .
6                .         .         .         .           .-------->   DI292
03               .         .         .         .       D273
                 .         .         .         .           V
                 .         .         .         .           V
6008             .         .         .         .       R273
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6014                                              .        261
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[illegible]7                                      .          .          .<-------   DI261
[illegible]5                                      .          .       D247
                                                  .          .          V
                                                  .          .          V
6028                                              .          .       R247
                                                  .          .          .
                                                  .          .          .
6034                                              .      CP261............
                                                  .          .
                                                  .          .
6039                                              .          .-------->  DI277
6037                                              .       D261
                                                  .          V
                                                  .          V
6042                                              .       R261
                                                  .          .
                                                  .          .
6048                                              .          .        274
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6060                                              .      1I274............
                                                  .          .
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6063                                          CP274............
                                                 V
                                                 V
[illegible]6                                  SR274
                                                 .
                                                 .
6074                                             .-------->  2D292
6072                                          D274
                                                 V
                                                 V
6077                                          R274
                                                 .
                                                 .
6083                                             .        275
                                                 .          .
                                                 .          .
6091                                          CP275............
                                                 V
                                                 V
6094                                          SR275
                                                 .
                                                 .
6102                                             .-------->  1D293
6100                                          D275
                                                 V
                                                 V
6105                                          R275
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                                                 .
[illegible]1                                     .        276
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6121                                          CP276............
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                                                 V
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6124                                SR276
                                      .
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6132                                  .-------> 2D293
                                  D276
                                     V
                                     V
6135                              R276
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6143                                  .          .<-------   DI262
6141                                  .       D248
                                      .          V
                                      .          V
6144                                  .       R248
                                      .          .
                                      .          .
6150                                  .          .         262
                                      .          .           .
                                      .          .           .
6161                                  .      CP262............
                                      .          .
                                      .          .
6166                                  .          .-------> 1D278
6164                                  .       D262
                                      .          .
                                      .          .
6171                                  .          .-------> DI263
6169                                  .       D262
                                      .          V
                                      .          V
4                                     .       R262
                                      .          .
                                      .          .
6182                                  .          .           .<-------   DI277
6180                                  .          .        D261
                                      .          .          V
                                      .          .          V
6183                                  .          .        R261
                                      .          .           .
                                      .          .           .
6189                                  .          .           .         277
                                      .          .           .           .
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6199                                  .          .       1I277............
                                      .          .           .
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6202                                  .      2I277............
                                      .          .
                                      .          .
6205                              CP277............
                                     V
                                     V
6208                              SR277
                                      .
                                      .
6                                     .-------> 3D293
4                                 D277
                                     V
                                     V
6219                              R277
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6225                                  279D
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                                CP279D............
                                     V
                                     V
6235                            SR279D
                                        .
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6243                                    .-------->   1D294
6241                             D279D
                                     V
                                     V
6246                             R279D
                                        .
                                        .
6252                                    .         279C
                                        .           .
                                        .           .
6259                            CP279C............
                                     V
                                     V
6262                            SR279C
                                        .
                                        .
6270                                    .-------->   2D294
6268                             D279C
                                     V
                                     V
                                 R279C
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6279                                    .         279B
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6286                            CP279B............
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6289                            SR279B
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6297                                    .-------->   1D294A
6295                             D279B
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6300                             R279B
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6306                                    .         279A
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6313                            CP279A............
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6324                                    .-------->   2D294A
6322                             D279A
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6327   .        .        .        .     R279A
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6345   .        .        .        .       .         .<-------   DI263
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6346   .        .        .        .       .       R262
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6362   .        .        .        .       .      CP263............
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6367   .        .        .        .       .         .-------->  2D278
6365   .        .        .        .       .       D263
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       .        .        .        .       .         V
6370   .        .        .        .       .       R263
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6378   .        .        .        .       .         .           .<-------   DI264
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6379   .        .        .        .       .         .         R249
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6398   .        .        .        .       .      CP264............
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6401   .        .        .        .       .       R264
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6409   .        .        .        .       .         .           .<-------   1D278
6407   .        .        .        .       .         .         D262
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6410   .        .        .        .       .         .         R262
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6418   .        .        .        .       .         .           .           .<-------   2D278
6416   .        .        .        .       .         .           .         D263
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6419   .        .        .        .       .         .           .         R263
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6462   .        .        .        .        .-------->  3D294A
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6465   .        .        .        .      R279
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6484   .        .        .        .        .        .        .<-------   DI280
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6485   .        .        .        .        .        .     R281
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6497   .        .        .        .     SR280
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6503   .        .        .        .      R280
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6518   .        .        .        .     CP280A............
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6527   .        .        .        .     R280A
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6772          .          .          .          .       CP297............
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6775          .          .          .          .       SR297
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6781          .          .          .          .        R297
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6798          .          .          .          .       CP313............
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6845          .          .          .          .          .<-------   DI347
6843          .          .          .          .        D348
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6846          .          .          .          .        R348
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6914    .       .          .     1I225............
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6957    .       .          .         .       R242A
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6963    .       .          .     CP242............
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6972    .       .          .         .        243B
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6981    .       .          .     CP243B............
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7007             .        227 331
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7027             .          .        R228 372
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7033             .          .          .        229 724
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7107    .       .       .       .         .       D229
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7123    .       .       .       .         .       1I230............
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7129    .       .       .       .         .         .     R230A
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7135    .       .       .       .         .       CP230............
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7138    .       .       .       .         .       R230
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7147    .       .       .       .       D244
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7172    .       .       .     R243
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7533            .         .         .         .         .         269
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                .         .         .         .         .           .
7543            .         .         .         .    CP269............
                .         .         .         .         V
                .         .         .         .         V
7546            .         .         .         .     SR269
                .         .         .         .         V
                .         .         .         .         V
7552            .         .         .         .      R269
                .         .         .         .         .
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                .         .         .         .         .         288A
                .         .         .         .         .           .
                .         .         .         .         .           .
7569            .         .         .         .   CP288A............
                .         .         .         .         V
                .         .         .         .         V
7572            .         .         .         .     R288A
                .         .         .         .         .
                .         .         .         .         .
7578            .         .         .         .         .         287A
                .         .         .         .         .           .
                .         .         .         .         .           .
7587            .         .         .         .   CP287A............
                .         .         .         .         V
                .         .         .         .         V
7590            .         .         .         .    SR287A
                .         .         .         .         V
                .         .         .         .         V
7596            .         .         .         .     R287A
                .         .         .         .         .
                .         .         .         .         .
7602            .         .         .         .         .         288B
                .         .         .         .         .           V
                .         .         .         .         .           V
7613            .         .         .         .         .        R288B
                .         .         .         .         .           .
                .         .         .         .         .           .
7619            .         .         .         .         .           .         287B
                .         .         .         .         .           .           .
                .         .         .         .         .           .           .
7627            .         .         .         .         .      1I287B............
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7630                CP287B............
                       V
                       V
                    SR287B
                       V
                       V
7639                R287B
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7647                   .<-------   DI256
7645                D257
                       V
                       V
7648                R257
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7654                   .        256
                       .          .
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7664                CP256............
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7669                   .-------->  DI271A
7667                D256
                       V
                       V
7672                R256
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                       .        255
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7685                CP255............
                       V
                       V
7688                R255
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7694                   .        271
                       .          .
                       .          .
7705                1I271............
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                       .
7710                   .          .<-------  DI271A
7708                   .       D256
                       .          V
                       .          V
7711                   .       R256
                       .          .
                       .          .
7717                   .          .       271A
                       .          .          .
                       .          .          .
                       .     CP271A............
                       .          V
                       .          V
7731                   .     SR271A
                       .          V
                       .          V
7737                   .     R271A
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                .         .         .         .         .         .         .
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7743            .         .         .         .         .      CP271............
                .         .         .         .         .         V
                .         .         .         .         .         V
 6              .         .         .         .         .      SR271
                .         .         .         .         .         .
                .         .         .         .         .         .
7754            .         .         .         .         .         .-------->   DI289
7752            .         .         .         .         .       D271
                .         .         .         .         .         V
                .         .         .         .         .         V
7757            .         .         .         .         .       R271
                .         .         .         .         .         .
                .         .         .         .         .         .
7763            .         .         .         .         .         .        254A
                .         .         .         .         .         .          V
                .         .         .         .         .         .          V
7770            .         .         .         .         .         .       R254A
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7776            .         .         .         .         .         .          .         270
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7783            .         .         .         .         .         .       1I270............
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7786            .         .         .         .         .      CP270............
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                .         .         .         .         .         V
 9              .         .         .         .         .      SR270
                .         .         .         .         .         V
                .         .         .         .         .         V
7795            .         .         .         .         .       R270
                .         .         .         .         .         .
                .         .         .         .         .         .
7803            .         .         .         .         .         .          .<-------   DI289
7801            .         .         .         .         .         .        D271
                .         .         .         .         .         .          V
                .         .         .         .         .         .          V
7804            .         .         .         .         .         .        R271
                .         .         .         .         .         .          .
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7810            .         .         .         .         .      1I289............
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7813            .         .         .         .         .         .         289
                .         .         .         .         .         .          .
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7826            .         .         .         .         .      CP289............
                .         .         .         .         .         V
                .         .         .         .         .         V
7829            .         .         .         .         .       R289
                .         .         .         .         .         .
                .         .         .         .         .         .
 35             .         .         .         .         .         .        287C
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7844            .         .         .         .         .     1I287C............
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7847            .         .         .         .      CP287C............
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                 .         .         .         .         V
7850             .         .         .         .      SR287C
                 .         .         .         .         V
                 .         .         .         .         V
[illegible]      .         .         .         .      R287C
                 .         .         .         .         .
                 .         .         .         .         .
7862             .         .         .         .         .        289A
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                 .         .         .         .         .          V
7873             .         .         .         .         .       R289A
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7879             .         .         .         .         .          .        287D
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7888             .         .         .         .         .      1I287D............
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7891             .         .         .         .      CP287D............
                 .         .         .         .         V
                 .         .         .         .         V
7894             .         .         .         .      SR287D
                 .         .         .         .         V
                 .         .         .         .         V
7900             .         .         .         .      R287D
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[illegible]03    .         .         .      1RC302............
                 .         .         .         .
                 .         .         .         .
7908             .         .         .         .         .<-------   DI302
7906             .         .         .         .      D278E
                 .         .         .         .         V
                 .         .         .         .         V
7909             .         .         .         .      R287E
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                 .         .         .         .         .
7915             .         .         .         .         .        302
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                 .         .         .         .         .          .
7922             .         .         .         .      CP302............
                 .         .         .         .         V
                 .         .         .         .         V
7925             .         .         .         .      SR302
                 .         .         .         .         .
                 .         .         .         .         .
7933             .         .         .         .         .------->   DI320
7931             .         .         .         .      D302
                 .         .         .         .         .
                 .         .         .         .         .
7936             .         .         .      RCP302............
                 .         .         .         V
                 .         .         .         V
[illegible]9     .         .         .      RR302
                 .         .         .         .
                 .         .         .         .
7947             .         .         .         .         .<-------   DI320
7945             .         .         .         .      D302
                 .         .         .         .         V
                 .         .         .         .         V
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7948                                  R302
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7954                                    .          320
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7962                                  CP320............
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                                        V
7965                                  SR320
                                        .
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7973                                    .-------> DI338A
7971                                  D320
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7976                            RCP320............
                                      V
                                      V
7979                            RR320
                                      .
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7987                                    .<------- DI338A
7985                                  D320
                                        V
                                        V
7988                                  R320
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7994                                    .          338A
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8002                                  CP338A...........
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                                        V
8005                                  SR338A
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                                        V
8011                                  R338A
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8017                                    .          338
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8025                                  CP338............
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8028                            RCP338............
                                      V
                                      V
8031                            RR338
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8037                                  367
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 4                              1RC367............
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8049                                    .<------- DI367
8047                                  D337
                                        V
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8050                              R337
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[redacted]3                  RCP367............
                                     V
                                     V
8056                          RR367
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8062                                 .        370
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8069                         RCP370............
                                     V
                                     V
8072                          RR370
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8078                                 .        369
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8085                         RCP369............
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                                     V
8088                          RR369
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8094                                 .        366
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[redacted]04                                  R366
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8110                                 .          .        368
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8122                                 .      CP368............
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8125                                 .      SR368
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8131                         RCP368............
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8134                          RR368
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8142                                 .          .<-------  DIGILA
8140                                 .      D364
                                     .          .
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8143                         RCP364............
                                     V
                                     V
[redacted]6                   RR364
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8152                     RCP378............
                                 V
                                 V
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8155    .       .       RR378
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8161    .       .         .       377A
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8171    .       .     RC377A............
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        .       .         V
8174    .       .     RR377A
        .       .         .
        .       .         .
8180    .       .         .        361
        .       .         .          V
        .       .         .          V
8191    .       .         .      SR361
        .       .         .          V
        .       .         .          V
8197    .       .         .       R361
        .       .         .         .
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8203    .       .         .         .          377
        .       .         .         .            .
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8211    .       .         .      CP377............
        .       .         .          V
        .       .         .          V
8214    .       .         .      SR377
        .       .         .          V
        .       .         .          V
        0       .         .       R377
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        .       .         .         .
8226    .       .         .         .          377B
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8238    .       .         .     CP337B............
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        .       .         .         .
8241    .       .     RC377B............
        .       .         V
        .       .         V
8244    .       .     RR377B
        .       .         .
        .       .         .
8250    .       .         .        387
        .       .         .         .
        .       .         .         .
8260    .       .     RCP387............
        .       .         V
        .       .         V
8263    .       .     RR387
        .       .         .
        .       .         .
8269    .       .         .        386
        .       .         .         .
        .       .         .         .
8280    .       .     RCP386...........
        .       .         V
        .       .         V
8283    .       .     RR386
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                .         .         .
8289            .         .         .        383A
                .         .         .          .
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[illegible]9    .         .     RC383A.........
                .         .         V
                .         .         V
8302            .         .     RR383A
                .         .         .
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8308            .         .         .         383
                .         .         .          .
                .         .         .          .
8317            .         .     RCP383.........
                .         .         V
                .         .         V
8320            .         .      RR383
                .         .         .
                .         .         .
8326            .         .         .        381B
                .         .         .          .
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8335            .         .     RC381B.........
                .         .         V
                .         .         V
8338            .         .     RR381B
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8344            .         .         .         381
                .         .         .           V
                .         .         .           V
[illegible]54   .         .         .       SR381
                .         .         .           V
                .         .         .           V
8360            .         .         .        R381
                .         .         .          .
                .         .         .          .
8366            .         .         .          .         380
                .         .         .          .           .
                .         .         .          .           .
8375            .         .         .       CP380.........
                .         .         .          .
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8378            .         .     RCP380.........
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                .         .         .
8383            .         .         .          .<-------   DI292
8381            .         .         .        D273
                .         .         .           V
                .         .         .           V
8384            .         .         .        R273
                .         .         .          .
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8390            .         .         .          .         292
                .         .         .          .           .
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[illegible]8    .         .         .       1I292.........
                .         .         .          .
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8403            .         .         .          .           .<-------   2D292
8401            .         .         .          .         D274
                .         .         .          .           V
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                                  V
8404                            R274
                                   .
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0                        CP292............
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8415                               .-------> 1D306
8413                     D292
                            V
                            V
8418                     R292
                                   .
                                   .
8426                               .<-------   1D293
8424                            D275
                                   V
                                   V
8427                            R275
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8435                               .           .<-------   2D293
8433                               .        D276
                                   .           V
                                   .           V
8436                               .        R276
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8442                            1I293............
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45                                 .         293
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8454                            2I293............
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8459                               .           .<-------   3D293
8457                               .        D277
                                   .           V
                                   .           V
8460                               .        R277
                                   .           .
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8466                            3I293............
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8469                     CP293............
                            V
                            V
8472                     SR293
                            V
                            V
8478                      R293
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4                                  .        293A
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8492                     CP293A...........
                            V
                            V
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8495          .          .          .      SR293A
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8503          .          .          .          .-------->   2D306
[illegible]1  .          .          .      D293A
              .          .          .          V
              .          .          .          V
8506          .          .          .      R293A
              .          .          .          .
              .          .          .          .
8514          .          .          .          .          .<-------   1D294
8512          .          .          .          .      D279D
              .          .          .          .          V
              .          .          .          .          V
8515          .          .          .          .      R279D
              .          .          .          .          .
              .          .          .          .          .
8523          .          .          .          .          .          .<-------   2D294
8521          .          .          .          .          .      D279C
              .          .          .          .          .          V
              .          .          .          .          .          V
8524          .          .          .          .          .      R279C
              .          .          .          .          .          .
              .          .          .          .          .          .
8530          .          .          .          .      1I294............
              .          .          .          .          .
              .          .          .          .          .
8533          .          .          .          .          .        294
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[illegible]0  .          .          .          .      CP294............
              .          .          .          .          V
              .          .          .          .          V
8543          .          .          .          .      SR294
              .          .          .          .          V
              .          .          .          .          V
8549          .          .          .          .       R294
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8555          .          .          .          .          .        309
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8566          .          .          .          .      1I309............
              .          .          .          .          .
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8569          .          .          .      CP309............
              .          .          .          V
              .          .          .          V
8572          .          .          .       R309
              .          .          .          .
              .          .          .          .
8578          .          .          .          .        328
              .          .          .          .          .
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8588          .          .          .      CP328............
              .          .          .          V
              .          .          .          V
8591          .          .          .       R328
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8597          .          .          .          .        344
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8608            .         .         .     CP344.........
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`3              .         .         .         .         .<-------   1D306
.1              .         .         .         .       D292
                .         .         .         .         V
                .         .         .         .         V
8614            .         .         .         .       R292
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8622            .         .         .         .         .           .<-------   2D306
8620            .         .         .         .         .       D293A
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                .         .         .         .         .           V
8623            .         .         .         .         .       R293A
                .         .         .         .         .           .
                .         .         .         .         .           .
8629            .         .         .         .       1I306.........
                .         .         .         .         .
                .         .         .         .         .
8632            .         .         .         .         .         306
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8642            .         .         .         .       CP306.........
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                .         .         .         .         V
8645            .         .         .         .       SR306
                .         .         .         .         V
                .         .         .         .         V
51              .         .         .         .       R306
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8657            .         .         .         .         .         308
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8666            .         .         .         .       CP308.........
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                .         .         .         .         V
8669            .         .         .         .       R308
                .         .         .         .         .
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8675            .         .         .         .         .         327
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8685            .         .         .         .       CP327.........
                .         .         .         .         V
                .         .         .         .         V
8688            .         .         .         .       R327
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8694            .         .         .         .         .         343
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8704            .         .         .         .       1IC343........
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8707            .         .         .     CP343.........
                .         .         .         V
                .         .         .         V
8710            .         .         .       R343
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8727 SR356

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8733 R356

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8752 307

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8760 R307

8766 326

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8785 342A

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8798 R342A

8804 354

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V

V

8815 SR354

V

V

8821 R354

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8838 R310

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8844                                  329
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8856                          R329
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8862                                  345
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8872                          CP345............
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8875                          R345
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8881                                  357
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8890                          CP357............
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8893                                  346
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8902                                  R346
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8908                                       .          359
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8916                                  1I359............
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8919                          2I359............
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8924                                       .<-------  DI346C
8922                                  D346A
                                       V
                                       V
8925                                  R346A
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8931                                       .          346C
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8939                                  CP346C...........
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                                       V
8942                                  SR346C
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8948                                       .          346B
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8959                                  CP346B...........
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8962             .         .         .         .         .     SR346B
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                 .         .         .         .         .     D346B
                 .         .         .         .         .         V
                 .         .         .         .         .         V
8973             .         .         .         .         .     R346B
                 .         .         .         .         .         .
                 .         .         .         .         .         .
8979             .         .         .         .     CP359............
                 .         .         .         .         V
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9830   .    .    .    .    .     CP41A
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9835   .    .    .    .    .      R41A
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9857   .    .    .    .    .    CP41-1
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10181   .       .       .       .       .-------> DI43
10179   .       .       .       .     CP43
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10193   .       .       .       .       .       RD43-4
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10202   .       .       .       .       .         .       RD43-5
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10208   .       .       .       .       .       I1CWT4............
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[illegible]3    .       .       .       .       .         .         .<------- DI43-6
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                                           V
10301                                    SR45
                                           .
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10310                                      .-------> DI45
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23

24

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10308                                  CP45
                                         V
                                         V
10313                                  R45
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10319                                    .        46-1
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10326                                  CP46-1............
                                         V
                                         V
10329                                  SR46-1
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10338                                    .-------->  DI46-1
10336                                  CP46-1
                                         V
                                         V
10341                                  R46-1
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10347                                    .          46
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10355                                  I1CP46............
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10358                                    .          28
                                         .           V
                                         .           V
                                         .          R28
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10372                                    .           .          30
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10379                                    .       I1CP30............
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10382                                    .           .          29
                                         .           .           V
                                         .           .           V
10389                                    .           .         SR29
                                         .           .           V
                                         .           .           V
10395                                    .           .          R29
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10401                                    .        CP30............
                                         .           V
                                         .           V
10404                                    .          R30
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10410                                    .           .          31
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10418                                    .        CP31............
                                         .           V
                                         .           V
10421                                    .          R31
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24

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10427                                                        CP46............
                                                                V
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                                                             SR46
                                                                V
                                                                V
10436                                                         R46 <------
                                                                .
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10444                                                                   .<-------  DI45-1
10442                                                                CP45-1
                                                                        V
                                                                        V
10445                                                                RD45-1
                                                                        .
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10453                                                                   .          .<-------    DI45
10451                                                                   .        CP45
                                                                        .          V
                                                                        .          V
10454                                                                   .        RD45
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                                                                        .          .
10460                                                                RD45-1
                                                                        .
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10465                                                                   .          .<-------  DI46-1
10463                                                                   .      CP46-1
                                                                        .          V
                                                                        .          V
10466                                                                   .      RD46-1
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10472                                                                RD46-1
                                                                        .
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10475                                                                   .        WT4
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                                                                        .          .
10482                                                                RD46-1
                                                                        .
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10485                                                        I10WT4............
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                                                                .
10488                                                   CPWT4...........      Whole Tanks # 4
                                                           V
                                                           V
10491                                                   RS47
                                                           .
                                                           .
10502                                                           .<-------  1D303A
10500                                                        CP43-1
                                                                V
                                                                V
10503                                                        R43-1
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10511                                                                   .<-------  2D303A
10509                                                                CP43-2
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24

25

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                                                                  V
                                                                  V
10512                                                          R43-2
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.0                                                                .<-------  3D303A
10518                                                          CP43-3
                                                                  V
                                                                  V
10521                                                          R43-3
                                                                  .
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10527                                                                .        303A
                                                                  .          .
                                                                  .          .
10534                                                   1C303A.....................................
                                                                  .
                                                                  .
10537                                                CP303A............
                                                          V
                                                          V
10540                                                R303A
                                                          .
                                                          .
10546                                                          .        304
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10553                                                CP304............
                                                          V
                                                          V
6                                                    R304
                                                          .
                                                          .
10562                                                          .        323
                                                                  .
                                                                  .
10569                                                CP323............
                                                          V
                                                          V
10572                                                SR323
                                                          .
                                                          .
10580                                                          .-------->  DI321
10578                                                D323
                                                          V
                                                          V
10583                                                R323
                                                          .
                                                          .
10589                                                          .        324
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10598                                                CP324............
                                                          V
                                                          V
01                                                   R324
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10607                                                          .        340
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10617                                                CP340............
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25

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                 .         .         .         .         V
                 .         .         .         .         V
10620            .         .         .         .       R340
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[illegible]6     .         .         .         .         .         351
                 .         .         .         .         .           .
                 .         .         .         .         .           .
10635            .         .         .         .     CP351............
                 .         .         .         .         V
                 .         .         .         .         V
10638            .         .         .         .     SR351
                 .         .         .         .         V
                 .         .         .         .         V
10644            .         .         .         .       R351
                 .         .         .         .         .
                 .         .         .         .         .
10650            .         .         .         .         .         352A
                 .         .         .         .         .           .
                 .         .         .         .         .           .
10660            .         .         .         .    CP352A............
                 .         .         .         .         V
                 .         .         .         .         V
10663            .         .         .         .    SR352A
                 .         .         .         .         .
                 .         .         .         .         .
10671            .         .         .         .         .-------->   DI350
10669            .         .         .         .     D352A
                 .         .         .         .         V
                 .         .         .         .         V
[illegible]4     .         .         .         .     R352A
                 .         .         .         .         .
                 .         .         .         .         .
10680            .         .         .     CP372............
                 .         .         .         .
                 .         .         .         .
10685            .         .         .         .-------->   DI371
10683            .         .         .      D372
                 .         .         .         .
                 .         .         .         .
10690            .         .         .         .-------->   DI379
10688            .         .         .     2D372
                 .         .         .         V
                 .         .         .         V
10693            .         .         .      R372
                 .         .         .         .
                 .         .         .         .
10699            .         .         .         .       382
                 .         .         .         .         .
                 .         .         .         .         .
10709            .         .         .     CP382............
                 .         .         .         V
                 .         .         .         V
10712            .         .         .      R382
                 .         .         .         .
                 .         .         .         .
[illegible]0     .         .         .         .         .<--------   DI379
10718            .         .         .         .       D372
                 .         .         .         .         V
                 .         .         .         .         V
10721            .         .         .         .       R372
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10727            .         .         .   1I379............
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                 .         .         .         .
[illegible]0     .         .         .         .       381A
                 .         .         .         .         V
                 .         .         .         .         V
10738            .         .         .         .     SR381A
                 .         .         .         .         V
                 .         .         .         .         V
10744            .         .         .         .     R381A
                 .         .         .         .         .
                 .         .         .         .         .
10750            .         .         .   2I379............
                 .         .         .         .
                 .         .         .         .
10753            .         .         .         .       379
                 .         .         .         .         .
                 .         .         .         .         .
10765            .         .         .   3I379............
                 .         .         .         .
                 .         .         .         .
10770            .         .         .         .         .<-------   1D303
10768            .         .         .         .     D41A1
                 .         .         .         .         V
                 .         .         .         .         V
10771            .         .         .         .     R41A1
                 .         .         .         .         .
                 .         .         .         .         .
10779            .         .         .         .         .         .<-------   2D303
[illegible]7     .         .         .         .         .     D41A2
                 .         .         .         .         .         V
                 .         .         .         .         .         V
10780            .         .         .         .         .     R41A2
                 .         .         .         .         .         .
                 .         .         .         .         .         .
10786            .         .         .         .     1I303............
                 .         .         .         .         .
                 .         .         .         .         .
10791            .         .         .         .         .         .<-------   3D303
10789            .         .         .         .         .     D41A3
                 .         .         .         .         .         V
                 .         .         .         .         .         V
10792            .         .         .         .         .     R41A3
                 .         .         .         .         .         .
                 .         .         .         .         .         .
10798            .         .         .         .     2I303............
                 .         .         .         .         .
                 .         .         .         .         .
10803            .         .         .         .         .         .<-------   4D303
10801            .         .         .         .         .     D41A
                 .         .         .         .         .         V
                 .         .         .         .         .         V
10804            .         .         .         .         .     R41A
                 .         .         .         .         .         .
                 .         .         .         .         .         .
[illegible]0     .         .         .         .     3I303............
                 .         .         .         .         .
                 .         .         .         .         .
10815            .         .         .         .         .         .<-------   5D303
10813            .         .         .         .         .     D41-1
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                                                  V
10816                                          R41-1
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[redacted]2                                 4I303............
                                                   .
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10827                                              .<-------   6D303
10825                                          D41-2
                                                   V
                                                   V
10828                                          R41-2
                                                   .
                                                   .
10834                                       5I303............
                                                   .
                                                   .
10839                                              .<-------   7D303
10837                                           D41
                                                   V
                                                   V
10840                                           R41
                                                   .
                                                   .
10846                                       6I303............
                                                   .
                                                   .
10849                                           303
                                                   .
                                                   .
[redacted]58                                CP303............
                                                   V
                                                   V
10861                                        R303
                                                   .
                                                   .
10867                                           321
                                                   .
                                                   .
10874                                       1I321............
                                                   .
                                                   .
10879                                              .<-------   DI321
10877                                          D323
                                                   V
                                                   V
10880                                          R323
                                                   .
                                                   .
10886                                       CP321............
                                                   V
                                                   V
10889                                       SR321
                                                   V
                                                   V
[redacted]895                                R321
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10901                                           322
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10911                                       CP322............
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                 .         .         .         .         V
                 .         .         .         .         V
10914            .         .         .         .       R322
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[illegible]0     .         .         .         .         .         339
                 .         .         .         .         .           .
                 .         .         .         .         .           .
10931            .         .         .         .     CP339............
                 .         .         .         .         V
                 .         .         .         .         V
10934            .         .         .         .       R339
                 .         .         .         .         .
                 .         .         .         .         .
10940            .         .         .         .         .         349
                 .         .         .         .         .           .
                 .         .         .         .         .           .
10950            .         .         .         .     CP349............
                 .         .         .         .         V
                 .         .         .         .         V
10953            .         .         .         .     SR349
                 .         .         .         .         V
                 .         .         .         .         V
10959            .         .         .         .       R349
                 .         .         .         .         .
                 .         .         .         .         .
10965            .         .         .         .         .         350
                 .         .         .         .         .           .
                 .         .         .         .         .           .
10976            .         .         .         .     1I350............
[illegible]      .         .         .         .         .
                 .         .         .         .         .
10981            .         .         .         .         .           .<-------   DI350
10979            .         .         .         .         .       D352A
                 .         .         .         .         .           V
                 .         .         .         .         .           V
10982            .         .         .         .         .       R352A
                 .         .         .         .         .           .
                 .         .         .         .         .           .
10988            .         .         .         .     CP350............
                 .         .         .         .         V
                 .         .         .         .         V
10991            .         .         .         .     SR350
                 .         .         .         .         V
                 .         .         .         .         V
10997            .         .         .         .       R350
                 .         .         .         .         .
                 .         .         .         .         .
11003            .         .         .         .         .         371
                 .         .         .         .         .           .
                 .         .         .         .         .           .
11015            .         .         .         .     1I371............
                 .         .         .         .         .
                 .         .         .         .         .
11020            .         .         .         .         .           .<-------   DI371
[illegible]18    .         .         .         .         .       D372
[illegible]      .         .         .         .         .           V
                 .         .         .         .         .           V
11021            .         .         .         .         .       R372
                 .         .         .         .         .           .
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11027            .         .         .         .     CP371............
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26

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                .         .         .         .         V
                .         .         .         .         V
11030           .         .         .         .       R371
                .         .         .         .         .
                .         .         .         .         .
[illegible]6    .         .         .      CP379.........
                .         .         .         V
                .         .         .         V
11039           .         .         .      SR379
                .         .         .         .
                .         .         .         .
11045           .         .      CPWTAF.........
```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*            FEBRUARY 1981             *
*          REVISED 01 JUN 88           *
*                                      *
*  RUN DATE  10/28/1991  TIME  12:36:40 *
*                                      *
****************************************
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****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*  THE HYDROLOGIC ENGINEERING CENTER   *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 551-1748             *
*                                      *
****************************************
```

FINAL HYDROLOGY RUN FOR WHITE TANKS ADMS ---- ENTIRE WATERSHED
100-YEAR, 24-HOUR STORM WTADMS.24

```
  9 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        300  NUMBER OF HYDROGRAPH ORDINATES
                   NDDATE      2   0  ENDING DATE
                   NDTIME       0055  ENDING TIME
                    ICENT         19  CENTURY MARK

              COMPUTATION INTERVAL     .08 HOURS
                   TOTAL TIME BASE   24.92 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
```

11 JD INDEX STORM NO. 1

STRM 4.03 PRECIPITATION DEPTH

TRDA .00 TRANSPOSITION DRAINAGE AREA

PI PRECIPITATION PATTERN

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

22 JD INDEX STORM NO. 2

STRM 3.99 PRECIPITATION DEPTH

TRDA 10.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
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.00	.00	.00	.00						

23 JD INDEX STORM NO. 3

STRM 3.83 PRECIPITATION DEPTH

TRDA 50.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

24 JD INDEX STORM NO. 4

STRM 3.76 PRECIPITATION DEPTH

TRDA 100.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03

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
1 HYDROGRAPH AT	1	1342.	12.50	175.	50.	48.	1.94		
2 HYDROGRAPH AT	2	1174.	12.75	206.	58.	56.	1.82		
3 HYDROGRAPH AT	3	828.	12.33	83.	21.	20.	.81		
4 HYDROGRAPH AT	3A	296.	12.33	29.	7.	7.	.29		
5 HYDROGRAPH AT	4	339.	12.25	26.	7.	6.	.30		
6 HYDROGRAPH AT	5	716.	12.25	65.	18.	18.	.72		
7 HYDROGRAPH AT	6	591.	12.08	41.	12.	11.	.45		
8 HYDROGRAPH AT	7	390.	12.08	28.	8.	8.	.31		
9 HYDROGRAPH AT	8	704.	12.33	73.	21.	20.	.81		
10 HYDROGRAPH AT	9	1096.	12.42	127.	36.	35.	1.40		
11 HYDROGRAPH AT	10	1173.	12.75	201.	52.	50.	2.02		
12 HYDROGRAPH AT	11	1313.	12.50	165.	44.	43.	1.56		
13 HYDROGRAPH AT	12	1149.	12.58	156.	40.	39.	1.38		
14 HYDROGRAPH AT	13	1170.	12.42	137.	34.	33.	1.30		
15 HYDROGRAPH AT	14	1163.	12.33	130.	37.	35.	1.47		
16 HYDROGRAPH AT	15	1039.	12.42	117.	32.	30.	1.26		
17 HYDROGRAPH AT	16	1255.	12.42	155.	43.	41.	1.13		
18 HYDROGRAPH AT	17	929.	12.25	110.	27.	26.	1.07		
19 HYDROGRAPH AT	18	923.	12.17	73.	21.	20.	.81		
20 HYDROGRAPH AT	19	622.	12.42	71.	20.	19.	.79		
21 HYDROGRAPH AT	20	861.	12.33	97.	27.	26.	1.07		
22 HYDROGRAPH AT	21	688.	12.42	74.	20.	19.	.79		
23 HYDROGRAPH AT	22	525.	12.25	50.	14.	13.	.57		
24 HYDROGRAPH AT	22A	764.	12.25	69.	18.	17.	.50		
25 HYDROGRAPH AT	23	289.	12.08	18.	5.	5.	.16		
26 HYDROGRAPH AT	24	207.	12.25	18.	5.	4.	.14		
27 HYDROGRAPH AT	25	500.	12.33	50.	12.	12.	.46		
28 HYDROGRAPH AT	26	943.	12.50	115.	30.	29.	1.16		
29 HYDROGRAPH AT	27	999.	12.42	110.	28.	27.	1.00		
30 HYDROGRAPH AT	28	747.	12.50	89.	22.	22.	.86		
31 HYDROGRAPH AT	29	228.	12.25	18.	5.	4.	.22		
32 HYDROGRAPH AT	30	244.	12.33	21.	5.	5.	.28		
33 HYDROGRAPH AT	31	525.	12.50	63.	16.	15.	.71		
34 HYDROGRAPH AT	32	956.	12.42	117.	33.	32.	1.29		
35 HYDROGRAPH AT	33	643.	12.25	59.	17.	16.	.65		
36 HYDROGRAPH AT	34	361.	12.25	33.	9.	9.	.36		
37 HYDROGRAPH AT	35	400.	12.25	35.	10.	10.	.39		
38 HYDROGRAPH AT	36	193.	12.25	16.	4.	4.	.24		
39 HYDROGRAPH AT	37	672.	12.42	85.	24.	23.	.95		
40 HYDROGRAPH AT	38	715.	12.25	64.	17.	17.	.76		
41 HYDROGRAPH AT	39	588.	12.50	74.	18.	18.	.77		
42 HYDROGRAPH AT	40	525.	12.25	48.	13.	13.	.52		
43 HYDROGRAPH AT	41A1	48.	12.00	3.	1.	1.	.02		
44 HYDROGRAPH AT	41A2	60.	12.00	3.	1.	1.	.03		
45 HYDROGRAPH AT	41A3	69.	12.00	4.	1.	1.	.03		
46 HYDROGRAPH AT	41A	91.	12.08	5.	1.	1.	.05		
47 HYDROGRAPH AT	41-1	208.	12.17	14.	3.	3.	.15		
48 HYDROGRAPH AT	41-2	143.	12.17	9.	2.	2.	.10		
49 HYDROGRAPH AT	41	567.	12.42	64.	16.	16.	.58		
50 HYDROGRAPH AT	42	1029.	12.50	131.	33.	32.	1.18		
51 HYDROGRAPH AT	43-1	76.	12.08	5.	1.	1.	.04		
52 HYDROGRAPH AT	43-2	19.	12.00	1.	0.	0.	.01		
53 HYDROGRAPH AT	43-3	107.	12.00	6.	1.	1.	.05		
54 HYDROGRAPH AT	43-4	64.	12.00	3.	1.	1.	.03		
55 HYDROGRAPH AT	43-5	43.	12.00	2.	1.	1.	.02		
56 HYDROGRAPH AT	43-6	45.	12.00	2.	1.	1.	.02		

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
57	HYDROGRAPH AT	43-7	45.	12.00	2.	1.	1.	.02		
58	HYDROGRAPH AT	43-8	23.	12.00	1.	0.	0.	.01		
59	HYDROGRAPH AT	43	23.	12.00	1.	0.	0.	.01		
60	HYDROGRAPH AT	44	300.	12.25	25.	6.	6.	.22		
61	HYDROGRAPH AT	45-1	143.	12.08	9.	2.	2.	.08		
62	HYDROGRAPH AT	45	401.	12.42	48.	12.	12.	.38		
63	HYDROGRAPH AT	46-1	184.	12.25	18.	4.	4.	.15		
64	HYDROGRAPH AT	46	651.	12.58	94.	24.	23.	.85		
65	HYDROGRAPH AT	WT3	413.	12.50	54.	14.	13.	.44		
66	HYDROGRAPH AT	WT4	997.	12.25	88.	22.	21.	.77		
67	HYDROGRAPH AT	100	283.	12.58	45.	11.	11.	.26		
68	HYDROGRAPH AT	100A	212.	12.50	31.	8.	7.	.18		
69	HYDROGRAPH AT	101	233.	12.25	22.	5.	5.	.16		
70	HYDROGRAPH AT	102	135.	12.42	17.	4.	4.	.10		
71	HYDROGRAPH AT	102A	525.	12.58	73.	18.	18.	.51		
72	HYDROGRAPH AT	103	286.	12.92	55.	14.	13.	.37		
73	HYDROGRAPH AT	104	236.	12.17	20.	5.	5.	.15		
74	HYDROGRAPH AT	105	354.	12.25	34.	9.	8.	.21		
75	HYDROGRAPH AT	106	871.	12.50	111.	28.	27.	.77		
76	HYDROGRAPH AT	107	398.	13.08	88.	22.	21.	.60		
77	HYDROGRAPH AT	108	478.	13.25	117.	29.	28.	.79		
78	HYDROGRAPH AT	109	536.	13.25	140.	35.	34.	.85		
79	HYDROGRAPH AT	110	270.	12.83	51.	13.	12.	.31		
80	HYDROGRAPH AT	111	443.	12.67	71.	18.	17.	.50		
81	HYDROGRAPH AT	112	534.	13.33	138.	34.	33.	.97		
82	HYDROGRAPH AT	113	431.	13.08	117.	29.	28.	.50		
83	HYDROGRAPH AT	113A	409.	13.08	106.	27.	26.	.50		
84	HYDROGRAPH AT	114	326.	13.00	84.	21.	20.	.38		
85	HYDROGRAPH AT	115	379.	13.08	89.	22.	22.	.49		
86	HYDROGRAPH AT	116	575.	13.50	166.	41.	40.	1.02		
87	HYDROGRAPH AT	117	335.	12.83	63.	17.	16.	.41		
88	HYDROGRAPH AT	117A	195.	12.83	38.	9.	9.	.21		
89	HYDROGRAPH AT	118	126.	12.83	23.	6.	6.	.15		
90	HYDROGRAPH AT	119	600.	13.17	143.	36.	34.	.86		
91	HYDROGRAPH AT	119A	356.	13.17	91.	23.	22.	.47		
92	HYDROGRAPH AT	120	397.	13.25	106.	27.	26.	.54		
93	HYDROGRAPH AT	121A	324.	12.92	60.	15.	14.	.50		
93	HYDROGRAPH AT	121	325.	12.92	60.	15.	14.	.50		
94	HYDROGRAPH AT	122	552.	13.33	146.	37.	35.	.89		
95	HYDROGRAPH AT	123	338.	13.00	74.	18.	18.	.44		
96	HYDROGRAPH AT	124	355.	13.33	97.	24.	23.	.57		
97	HYDROGRAPH AT	125	1044.	12.50	134.	33.	32.	1.00		
98	HYDROGRAPH AT	126	562.	13.33	146.	36.	35.	.95		
99	HYDROGRAPH AT	127	469.	12.08	42.	12.	11.	.22		
100	HYDROGRAPH AT	128	312.	12.92	59.	15.	14.	.41		
101	HYDROGRAPH AT	129	378.	12.67	61.	16.	15.	.43		
102	HYDROGRAPH AT	130	647.	13.25	172.	43.	41.	1.00		
103	HYDROGRAPH AT	131	355.	13.08	79.	20.	19.	.49		
104	HYDROGRAPH AT	131A	354.	13.08	79.	20.	19.	.49		
105	HYDROGRAPH AT	132	271.	13.00	56.	14.	13.	.41		
106	HYDROGRAPH AT	133	328.	13.08	71.	18.	17.	.49		
107	HYDROGRAPH AT	134	334.	13.08	73.	18.	18.	.50		
108	HYDROGRAPH AT	135	315.	13.17	72.	18.	17.	.49		
109	HYDROGRAPH AT	136	315.	13.08	69.	17.	17.	.46		
110	HYDROGRAPH AT	137	307.	13.42	85.	21.	20.	.54		
111	HYDROGRAPH AT	138	587.	13.33	155.	39.	37.	1.00		

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
112 HYDROGRAPH AT	139	338.	13.08	77.	19.	19.	.47		
113 HYDROGRAPH AT	140	194.	12.67	32.	8.	8.	.18		
114 HYDROGRAPH AT	141	460.	12.33	47.	12.	11.	.47		
115 HYDROGRAPH AT	141A	202.	12.17	14.	4.	3.	.14		
116 HYDROGRAPH AT	142	351.	13.00	74.	18.	18.	.51		
117 HYDROGRAPH AT	143	354.	13.00	75.	19.	18.	.50		
118 HYDROGRAPH AT	144	351.	13.00	74.	18.	18.	.51		
119 HYDROGRAPH AT	145	328.	13.08	72.	18.	17.	.48		
120 HYDROGRAPH AT	145A	327.	13.08	73.	18.	18.	.49		
121 HYDROGRAPH AT	146	548.	13.17	130.	33.	31.	.90		
122 HYDROGRAPH AT	147	342.	13.00	72.	18.	17.	.50		
123 HYDROGRAPH AT	148	328.	13.00	71.	18.	17.	.48		
124 HYDROGRAPH AT	149	312.	13.08	68.	17.	16.	.48		
125 HYDROGRAPH AT	150	193.	12.75	33.	8.	8.	.23		
126 HYDROGRAPH AT	151	208.	12.75	36.	9.	9.	.25		
127 HYDROGRAPH AT	152	284.	12.92	58.	15.	14.	.35		
128 HYDROGRAPH AT	153	112.	13.33	30.	7.	7.	.20		
129 HYDROGRAPH AT	154	171.	12.58	26.	7.	6.	.17		
130 HYDROGRAPH AT	155	250.	12.75	47.	12.	11.	.26		
131 HYDROGRAPH AT	156	252.	12.75	46.	12.	12.	.30		
132 HYDROGRAPH AT	156A	508.	12.17	46.	13.	13.	.31		
133 HYDROGRAPH AT	157	946.	12.58	150.	37.	36.	.89		
134 HYDROGRAPH AT	158	494.	13.08	108.	29.	28.	.97		
135 HYDROGRAPH AT	158A	114.	13.25	26.	6.	6.	.38		
136 HYDROGRAPH AT	158B	483.	13.00	104.	28.	27.	.67		
137 HYDROGRAPH AT	158C	105.	12.58	17.	4.	4.	.09		
138 HYDROGRAPH AT	158D	560.	12.25	55.	15.	15.	.37		
139 HYDROGRAPH AT	158E	767.	12.17	70.	20.	19.	.45		
140 HYDROGRAPH AT	159	531.	12.33	51.	13.	12.	.58		
141 HYDROGRAPH AT	160	432.	12.42	47.	12.	11.	.39		
142 HYDROGRAPH AT	161	294.	13.00	58.	14.	14.	.50		
143 HYDROGRAPH AT	162	268.	12.50	34.	8.	8.	.25		
144 HYDROGRAPH AT	163	551.	12.92	112.	28.	27.	.75		
145 HYDROGRAPH AT	164	363.	13.08	81.	20.	20.	.49		
146 HYDROGRAPH AT	164A	365.	13.08	82.	20.	20.	.49		
147 HYDROGRAPH AT	165	548.	13.25	133.	33.	32.	.90		
148 HYDROGRAPH AT	166	533.	13.33	142.	36.	34.	.98		
149 HYDROGRAPH AT	167	528.	13.33	141.	35.	34.	.97		
150 HYDROGRAPH AT	168	340.	13.17	79.	20.	19.	.51		
151 HYDROGRAPH AT	169	368.	13.17	89.	22.	21.	.51		
152 HYDROGRAPH AT	170	301.	12.67	53.	14.	13.	.29		
153 HYDROGRAPH AT	171	409.	13.42	115.	29.	28.	.70		
154 HYDROGRAPH AT	172	122.	12.58	18.	5.	4.	.12		
155 HYDROGRAPH AT	173	198.	13.00	39.	10.	9.	.31		
156 HYDROGRAPH AT	173A	191.	12.75	34.	8.	8.	.20		
157 HYDROGRAPH AT	173B	88.	12.83	14.	4.	3.	.20		
158 HYDROGRAPH AT	174	612.	12.25	55.	14.	13.	.45		
159 HYDROGRAPH AT	175	375.	12.25	34.	9.	8.	.28		
160 HYDROGRAPH AT	175A	362.	12.50	42.	10.	10.	.47		
161 HYDROGRAPH AT	176	701.	12.42	79.	20.	19.	.67		
162 HYDROGRAPH AT	176A	378.	13.25	92.	23.	22.	.62		
163 HYDROGRAPH AT	177	336.	13.08	73.	18.	18.	.49		
164 HYDROGRAPH AT	177A	334.	13.08	73.	18.	17.	.49		
165 HYDROGRAPH AT	178	298.	13.08	64.	16.	15.	.44		
166 HYDROGRAPH AT	179	333.	13.08	76.	19.	18.	.46		
167 HYDROGRAPH AT	180	574.	13.33	154.	39.	37.	.99		

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
168 HYDROGRAPH AT	181	283.	12.92	54.	14.	13.	.37		
169 HYDROGRAPH AT	181A	249.	13.17	57.	14.	14.	.39		
170 HYDROGRAPH AT	182	212.	12.75	35.	9.	9.	.24		
171 HYDROGRAPH AT	183	258.	12.42	31.	8.	8.	.21		
172 HYDROGRAPH AT	184	531.	13.17	124.	31.	30.	.79		
173 HYDROGRAPH AT	185	465.	13.08	103.	26.	25.	.69		
174 HYDROGRAPH AT	186	187.	13.25	48.	12.	12.	.33		
175 HYDROGRAPH AT	187	81.	12.00	5.	1.	1.	.35		
176 HYDROGRAPH AT	188	240.	12.25	19.	5.	5.	.19		
177 HYDROGRAPH AT	189	521.	12.42	57.	14.	14.	.51		
178 HYDROGRAPH AT	190	657.	12.92	128.	32.	31.	.86		
179 HYDROGRAPH AT	191	610.	13.25	149.	37.	36.	.99		
180 HYDROGRAPH AT	192	346.	13.08	75.	19.	18.	.50		
181 HYDROGRAPH AT	192A	345.	13.08	75.	19.	18.	.50		
182 HYDROGRAPH AT	193	545.	13.25	132.	33.	32.	.91		
183 HYDROGRAPH AT	194	535.	13.42	144.	36.	35.	.99		
184 HYDROGRAPH AT	195	256.	13.50	72.	18.	17.	.49		
185 HYDROGRAPH AT	196	313.	13.00	68.	17.	17.	.47		
186 HYDROGRAPH AT	197	524.	13.50	150.	38.	36.	1.00		
187 HYDROGRAPH AT	198	494.	13.42	140.	35.	34.	.91		
188 HYDROGRAPH AT	199	74.	13.08	16.	4.	4.	.11		
189 HYDROGRAPH AT	200	231.	12.67	37.	9.	9.	.29		
190 HYDROGRAPH AT	201	420.	12.33	44.	11.	11.	.34		
191 HYDROGRAPH AT	202	258.	13.42	73.	18.	18.	.48		
192 HYDROGRAPH AT	203	162.	12.25	14.	4.	3.	.11		
193 HYDROGRAPH AT	204	381.	12.25	32.	8.	8.	.27		
194 HYDROGRAPH AT	205	125.	12.08	8.	2.	2.	.06		
195 HYDROGRAPH AT	206	188.	12.17	14.	3.	3.	.12		
196 HYDROGRAPH AT	207	619.	13.25	153.	38.	37.	1.00		
197 HYDROGRAPH AT	207A	469.	12.42	48.	12.	12.	.50		
198 HYDROGRAPH AT	208	632.	13.17	149.	37.	36.	1.00		
199 HYDROGRAPH AT	209	336.	13.08	73.	18.	17.	.50		
200 HYDROGRAPH AT	209A	335.	13.08	75.	19.	18.	.50		
201 HYDROGRAPH AT	210	296.	13.08	64.	16.	16.	.46		
202 HYDROGRAPH AT	211	309.	13.08	69.	17.	17.	.49		
203 HYDROGRAPH AT	212	279.	13.42	77.	19.	19.	.54		
204 HYDROGRAPH AT	213	373.	12.50	46.	12.	11.	.35		
205 HYDROGRAPH AT	214	208.	12.25	18.	5.	4.	.16		
206 HYDROGRAPH AT	215	419.	12.33	44.	11.	11.	.35		
207 HYDROGRAPH AT	215A	497.	12.42	55.	14.	13.	.45		
208 HYDROGRAPH AT	216	366.	12.92	69.	17.	17.	.51		
209 HYDROGRAPH AT	217	350.	13.00	76.	19.	18.	.49		
210 HYDROGRAPH AT	218	624.	13.25	153.	38.	37.	1.00		
211 HYDROGRAPH AT	219	343.	13.08	76.	19.	18.	.50		
212 HYDROGRAPH AT	220	335.	13.08	75.	19.	18.	.50		
213 HYDROGRAPH AT	221	303.	13.08	69.	17.	17.	.48		
214 HYDROGRAPH AT	221A	175.	13.25	43.	11.	10.	.31		
215 HYDROGRAPH AT	222	541.	13.58	172.	48.	46.	1.10		
216 HYDROGRAPH AT	223	1763.	12.42	327.	110.	106.	1.26		
217 HYDROGRAPH AT	224	1054.	12.33	109.	27.	26.	.80		
218 HYDROGRAPH AT	225	460.	12.42	59.	15.	15.	.43		
219 HYDROGRAPH AT	225A	441.	12.42	50.	12.	12.	.37		
220 HYDROGRAPH AT	226	1573.	12.33	192.	54.	52.	1.18		
221 HYDROGRAPH AT	227	331.	12.25	30.	8.	7.	.23		
222 HYDROGRAPH AT	228	361.	12.33	36.	9.	9.	.28		
223 HYDROGRAPH AT	228A	125.	12.17	8.	2.	2.	.08		

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
224 HYDROGRAPH AT	229	724.	12.17	61.	16.	15.	.51		
225 HYDROGRAPH AT	230	56.	12.33	6.	1.	1.	.04		
226 HYDROGRAPH AT	230A	292.	12.17	21.	5.	5.	.18		
227 HYDROGRAPH AT	231	265.	12.42	28.	7.	7.	.35		
228 HYDROGRAPH AT	232	1006.	12.42	109.	27.	26.	.93		
229 HYDROGRAPH AT	233	496.	12.42	56.	14.	13.	.50		
230 HYDROGRAPH AT	234	347.	13.17	81.	20.	19.	.53		
231 HYDROGRAPH AT	235	303.	13.17	71.	18.	17.	.47		
232 HYDROGRAPH AT	236	582.	13.25	146.	37.	35.	1.00		
233 HYDROGRAPH AT	237	300.	13.25	73.	18.	18.	.50		
234 HYDROGRAPH AT	238	314.	13.17	72.	18.	17.	.50		
235 HYDROGRAPH AT	239	313.	13.08	69.	17.	17.	.48		
236 HYDROGRAPH AT	240	282.	13.00	57.	14.	14.	.40		
237 HYDROGRAPH AT	241	1436.	12.50	176.	44.	42.	1.51		
238 HYDROGRAPH AT	242	965.	12.67	143.	36.	34.	1.14		
239 HYDROGRAPH AT	242A	161.	12.08	10.	3.	2.	.09		
240 HYDROGRAPH AT	243	298.	12.33	34.	8.	8.	.24		
241 HYDROGRAPH AT	243A	253.	12.42	31.	8.	8.	.22		
242 HYDROGRAPH AT	243B	64.	12.67	10.	3.	3.	.07		
243 HYDROGRAPH AT	244	200.	12.58	28.	7.	7.	.19		
244 HYDROGRAPH AT	244A	486.	12.17	36.	9.	9.	.31		
245 HYDROGRAPH AT	245	181.	13.17	41.	10.	10.	.40		
246 HYDROGRAPH AT	246	670.	12.50	84.	21.	20.	.75		
247 HYDROGRAPH AT	247	330.	13.08	76.	19.	18.	.50		
248 HYDROGRAPH AT	248	592.	13.25	152.	38.	37.	1.00		
249 HYDROGRAPH AT	249	571.	13.25	143.	36.	35.	1.00		
250 HYDROGRAPH AT	250	316.	13.08	71.	18.	17.	.49		
251 HYDROGRAPH AT	250A	308.	13.17	74.	18.	18.	.51		
252 HYDROGRAPH AT	251	313.	13.17	72.	18.	17.	.50		
253 HYDROGRAPH AT	252	326.	13.17	76.	19.	18.	.50		
254 HYDROGRAPH AT	253	641.	13.17	148.	37.	36.	1.00		
255 HYDROGRAPH AT	253A	291.	12.33	29.	7.	7.	.25		
256 HYDROGRAPH AT	254	556.	12.58	81.	20.	20.	.59		
257 HYDROGRAPH AT	254A	443.	12.08	40.	11.	11.	.22		
258 HYDROGRAPH AT	255	1512.	12.25	152.	41.	40.	.94		
259 HYDROGRAPH AT	256	326.	13.00	72.	18.	17.	.43		
260 HYDROGRAPH AT	257	217.	13.42	62.	16.	15.	.34		
261 HYDROGRAPH AT	258	334.	12.42	37.	9.	9.	.38		
262 HYDROGRAPH AT	258A	150.	12.25	13.	3.	3.	.12		
263 HYDROGRAPH AT	259	242.	12.25	18.	5.	4.	.20		
264 HYDROGRAPH AT	260	536.	12.33	56.	15.	14.	.50		
265 HYDROGRAPH AT	261	264.	13.17	62.	16.	15.	.41		
266 HYDROGRAPH AT	262	616.	13.25	149.	37.	36.	1.03		
267 HYDROGRAPH AT	263	328.	13.08	72.	18.	17.	.50		
268 HYDROGRAPH AT	264	337.	13.00	70.	18.	17.	.50		
269 HYDROGRAPH AT	265	118.	13.33	31.	8.	8.	.22		
270 HYDROGRAPH AT	265A	627.	13.08	137.	34.	33.	.95		
271 HYDROGRAPH AT	266	181.	13.33	48.	12.	12.	.33		
272 HYDROGRAPH AT	267	335.	13.17	79.	20.	19.	.50		
273 HYDROGRAPH AT	268	589.	13.25	147.	37.	35.	.95		
274 HYDROGRAPH AT	269	491.	13.00	101.	25.	24.	.66		
275 HYDROGRAPH AT	270	446.	12.25	49.	14.	13.	.30		
276 HYDROGRAPH AT	271	377.	13.25	96.	24.	23.	.57		
277 HYDROGRAPH AT	271A	95.	13.33	25.	6.	6.	.16		
278 HYDROGRAPH AT	271B	109.	12.83	20.	5.	5.	.15		
279 HYDROGRAPH AT	271C	263.	12.17	22.	5.	5.	.18		

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
280 HYDROGRAPH AT	272	231.	12.25	18.	4.	4.	.20		
281 HYDROGRAPH AT	273	671.	12.42	75.	19.	18.	.65		
282 HYDROGRAPH AT	274	329.	13.50	94.	23.	23.	.66		
283 HYDROGRAPH AT	275	136.	12.42	17.	4.	4.	.11		
284 HYDROGRAPH AT	276	187.	13.00	38.	10.	9.	.26		
284 HYDROGRAPH AT	281	487.	13.25	122.	31.	29.	.85		
285 HYDROGRAPH AT	277	570.	13.08	127.	32.	31.	.91		
286 HYDROGRAPH AT	278	537.	13.33	138.	35.	34.	1.00		
287 HYDROGRAPH AT	279	79.	12.25	7.	2.	2.	.05		
288 HYDROGRAPH AT	279A	89.	12.33	10.	3.	2.	.07		
289 HYDROGRAPH AT	279B	46.	12.25	4.	1.	1.	.03		
290 HYDROGRAPH AT	279C	78.	12.25	8.	2.	2.	.05		
291 HYDROGRAPH AT	279D	33.	12.17	3.	1.	1.	.02		
292 HYDROGRAPH AT	280	340.	13.33	89.	22.	21.	.61		
293 HYDROGRAPH AT	280A	53.	12.75	9.	2.	2.	.06		
295 HYDROGRAPH AT	282	161.	12.33	17.	4.	4.	.12		
296 HYDROGRAPH AT	283	102.	13.08	23.	6.	6.	.16		
297 HYDROGRAPH AT	284	326.	13.17	76.	19.	18.	.52		
298 HYDROGRAPH AT	285	56.	12.33	6.	1.	1.	.04		
299 HYDROGRAPH AT	285A	82.	12.33	9.	2.	2.	.06		
300 HYDROGRAPH AT	285B	83.	12.33	9.	2.	2.	.06		
301 HYDROGRAPH AT	286	473.	13.08	109.	27.	26.	.70		
302 HYDROGRAPH AT	287	223.	12.67	36.	9.	9.	.23		
303 HYDROGRAPH AT	287A	331.	12.83	68.	17.	16.	.34		
304 HYDROGRAPH AT	287B	127.	12.50	18.	4.	4.	.10		
305 HYDROGRAPH AT	287C	270.	12.67	57.	14.	14.	.23		
306 HYDROGRAPH AT	287D	239.	12.67	39.	10.	9.	.23		
307 HYDROGRAPH AT	287E	194.	12.58	28.	7.	7.	.20		
308 HYDROGRAPH AT	288	160.	13.25	44.	11.	10.	.22		
309 HYDROGRAPH AT	288A	607.	13.33	188.	47.	46.	.83		
310 HYDROGRAPH AT	288B	179.	13.42	54.	14.	13.	.26		
311 HYDROGRAPH AT	289	519.	13.83	189.	48.	46.	1.00		
312 HYDROGRAPH AT	289A	326.	13.17	77.	19.	18.	.50		
313 HYDROGRAPH AT	290	413.	12.67	64.	16.	15.	.55		
314 HYDROGRAPH AT	291	454.	13.25	112.	28.	27.	.99		
315 HYDROGRAPH AT	292	1004.	12.50	131.	35.	33.	.96		
316 HYDROGRAPH AT	293	679.	12.67	113.	29.	28.	.77		
317 HYDROGRAPH AT	293A	76.	12.50	10.	3.	2.	.07		
318 HYDROGRAPH AT	294	274.	12.17	24.	6.	6.	.18		
319 HYDROGRAPH AT	294A	368.	12.25	34.	8.	8.	.26		
320 HYDROGRAPH AT	295	419.	12.25	41.	10.	10.	.31		
321 HYDROGRAPH AT	295A	114.	12.08	8.	2.	2.	.06		
322 HYDROGRAPH AT	296	565.	13.00	117.	29.	28.	.81		
323 HYDROGRAPH AT	297	240.	13.17	55.	14.	13.	.38		
324 HYDROGRAPH AT	297A	206.	12.92	39.	10.	9.	.27		
325 HYDROGRAPH AT	298	591.	13.00	122.	30.	29.	.84		
326 HYDROGRAPH AT	299	289.	13.00	61.	15.	15.	.40		
327 HYDROGRAPH AT	300	353.	12.83	66.	16.	16.	.39		
328 HYDROGRAPH AT	301	535.	12.17	46.	12.	12.	.30		
329 HYDROGRAPH AT	302	242.	12.17	21.	5.	5.	.15		
330 HYDROGRAPH AT	303	910.	12.67	138.	35.	33.	1.21		
331 HYDROGRAPH AT	303A	531.	12.25	49.	12.	12.	.42		
332 HYDROGRAPH AT	304	1221.	12.33	128.	32.	31.	1.10		
333 HYDROGRAPH AT	305	666.	13.00	141.	35.	34.	.92		
334 HYDROGRAPH AT	306	367.	12.92	71.	18.	17.	.49		
335 HYDROGRAPH AT	307	219.	12.58	30.	8.	7.	.21		

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
336 HYDROGRAPH AT	308	270.	12.75	46.	12.	11.	.32		
337 HYDROGRAPH AT	309	666.	13.17	157.	39.	38.	1.07		
338 HYDROGRAPH AT	310	183.	12.58	28.	7.	7.	.19		
339 HYDROGRAPH AT	311	420.	13.33	107.	27.	26.	.73		
340 HYDROGRAPH AT	311A	241.	12.92	46.	12.	11.	.31		
341 HYDROGRAPH AT	312	423.	13.17	97.	24.	23.	.66		
342 HYDROGRAPH AT	313	258.	13.17	62.	16.	15.	.43		
343 HYDROGRAPH AT	314	293.	13.00	61.	15.	15.	.42		
344 HYDROGRAPH AT	315	278.	13.25	68.	17.	16.	.47		
345 HYDROGRAPH AT	316	512.	13.17	122.	31.	29.	.82		
346 HYDROGRAPH AT	317	341.	13.25	82.	21.	20.	.57		
347 HYDROGRAPH AT	318	581.	12.67	97.	27.	26.	.62		
348 HYDROGRAPH AT	319	577.	12.50	84.	23.	23.	.54		
349 HYDROGRAPH AT	320	677.	12.42	88.	25.	24.	.64		
350 HYDROGRAPH AT	321	942.	12.17	74.	18.	18.	.66		
351 HYDROGRAPH AT	322	261.	12.92	51.	13.	12.	.34		
352 HYDROGRAPH AT	323	181.	12.33	18.	5.	4.	.15		
353 HYDROGRAPH AT	324	279.	12.83	53.	13.	13.	.36		
354 HYDROGRAPH AT	325	294.	13.25	74.	18.	18.	.49		
355 HYDROGRAPH AT	325A	404.	13.08	88.	22.	21.	.61		
356 HYDROGRAPH AT	326	373.	13.00	79.	20.	19.	.54		
357 HYDROGRAPH AT	327	373.	13.00	77.	19.	18.	.53		
358 HYDROGRAPH AT	328	521.	12.92	103.	26.	25.	.76		
359 HYDROGRAPH AT	329	496.	12.83	89.	23.	22.	.63		
360 HYDROGRAPH AT	330	467.	12.83	87.	23.	22.	.59		
361 HYDROGRAPH AT	331	489.	13.08	109.	28.	27.	.75		
362 HYDROGRAPH AT	332	353.	13.17	84.	21.	21.	.56		
363 HYDROGRAPH AT	333	388.	13.08	84.	21.	20.	.58		
364 HYDROGRAPH AT	334	452.	13.00	95.	24.	23.	.64		
365 HYDROGRAPH AT	335	277.	12.92	54.	13.	13.	.35		
366 HYDROGRAPH AT	336	552.	13.92	206.	57.	55.	1.28		
367 HYDROGRAPH AT	336A	149.	14.00	54.	14.	13.	.37		
368 HYDROGRAPH AT	336B	168.	12.00	9.	2.	2.	.08		
369 HYDROGRAPH AT	337	744.	12.25	84.	25.	24.	.49		
370 HYDROGRAPH AT	338	260.	12.58	38.	9.	9.	.31		
371 HYDROGRAPH AT	338A	736.	12.42	87.	24.	23.	.77		
372 HYDROGRAPH AT	339	625.	13.17	150.	38.	36.	1.00		
373 HYDROGRAPH AT	340	348.	13.00	72.	18.	17.	.48		
374 HYDROGRAPH AT	341	506.	13.08	113.	28.	27.	.79		
375 HYDROGRAPH AT	342	327.	12.83	60.	15.	14.	.39		
376 HYDROGRAPH AT	342A	240.	13.17	56.	14.	13.	.38		
377 HYDROGRAPH AT	343	323.	13.17	74.	19.	18.	.51		
378 HYDROGRAPH AT	344	343.	13.33	88.	22.	21.	.61		
379 HYDROGRAPH AT	345	296.	13.00	63.	16.	15.	.43		
380 HYDROGRAPH AT	346	403.	12.75	68.	17.	16.	.51		
381 HYDROGRAPH AT	346A	110.	13.00	23.	6.	6.	.16		
382 HYDROGRAPH AT	346B	159.	13.25	39.	10.	9.	.27		
383 HYDROGRAPH AT	346C	135.	12.50	17.	4.	4.	.12		
384 HYDROGRAPH AT	347	671.	13.08	148.	38.	36.	1.02		
385 HYDROGRAPH AT	348	283.	12.75	50.	12.	12.	.34		
386 HYDROGRAPH AT	348A	229.	12.58	32.	8.	8.	.22		
387 HYDROGRAPH AT	348B	355.	13.33	92.	23.	22.	.66		
388 HYDROGRAPH AT	349	654.	13.00	137.	34.	33.	.93		
389 HYDROGRAPH AT	350	106.	13.33	27.	7.	7.	.19		
390 HYDROGRAPH AT	351	607.	12.83	113.	28.	27.	.76		
391 HYDROGRAPH AT	352	150.	12.75	26.	7.	6.	.18		

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
392	HYDROGRAPH AT	352A	89.	13.08	20.	5.	5.	.13		
393	HYDROGRAPH AT	353	183.	12.75	32.	8.	8.	.22		
394	HYDROGRAPH AT	354	315.	12.58	45.	11.	11.	.31		
395	HYDROGRAPH AT	355	85.	12.92	18.	4.	4.	.10		
396	HYDROGRAPH AT	355A	46.	12.50	6.	1.	1.	.04		
397	HYDROGRAPH AT	356	346.	12.58	51.	13.	12.	.35		
398	HYDROGRAPH AT	357	132.	12.67	20.	5.	5.	.14		
399	HYDROGRAPH AT	358	119.	13.17	29.	7.	7.	.19		
400	HYDROGRAPH AT	359	104.	12.58	14.	4.	3.	.10		
401	HYDROGRAPH AT	360	168.	13.00	36.	9.	9.	.25		
402	HYDROGRAPH AT	361	138.	13.17	33.	8.	8.	.21		
403	HYDROGRAPH AT	362	339.	12.83	63.	16.	15.	.42		
404	HYDROGRAPH AT	363	360.	13.25	91.	23.	22.	.63		
405	HYDROGRAPH AT	364	559.	13.00	115.	29.	28.	.78		
406	HYDROGRAPH AT	364A	99.	12.25	9.	2.	2.	.07		
407	HYDROGRAPH AT	365	272.	12.83	47.	12.	11.	.38		
408	HYDROGRAPH AT	366	289.	13.00	61.	15.	15.	.44		
409	HYDROGRAPH AT	367	240.	12.08	16.	4.	4.	.15		
410	HYDROGRAPH AT	368	367.	13.58	111.	28.	27.	.83		
411	HYDROGRAPH AT	369	133.	12.25	11.	3.	3.	.15		
412	HYDROGRAPH AT	370	61.	12.33	5.	1.	1.	.07		
413	HYDROGRAPH AT	371	487.	13.67	154.	39.	37.	.93		
414	HYDROGRAPH AT	372	796.	13.75	262.	66.	63.	1.62		
415	HYDROGRAPH AT	373	386.	12.75	68.	17.	16.	.43		
416	HYDROGRAPH AT	374	459.	13.50	137.	34.	33.	.76		
417	HYDROGRAPH AT	375	262.	13.42	74.	19.	18.	.41		
418	HYDROGRAPH AT	376	344.	13.00	75.	19.	18.	.42		
419	HYDROGRAPH AT	377	120.	12.42	15.	4.	4.	.09		
420	HYDROGRAPH AT	377A	188.	13.00	39.	10.	9.	.27		
421	HYDROGRAPH AT	377B	58.	13.58	18.	5.	4.	.12		
422	HYDROGRAPH AT	378	349.	13.42	95.	24.	23.	.78		
422	HYDROGRAPH AT	379	220.	13.58	67.	17.	16.	.46		
423	HYDROGRAPH AT	380	188.	12.83	37.	9.	9.	.20		
424	HYDROGRAPH AT	381	184.	12.92	39.	10.	9.	.21		
425	HYDROGRAPH AT	381A	115.	12.58	17.	4.	4.	.10		
426	HYDROGRAPH AT	381B	67.	12.75	12.	3.	3.	.07		
427	HYDROGRAPH AT	382	539.	13.17	136.	34.	33.	.71		
428	HYDROGRAPH AT	383	154.	12.92	31.	8.	8.	.18		
429	HYDROGRAPH AT	383A	122.	13.00	27.	7.	7.	.16		
430	HYDROGRAPH AT	384	262.	12.83	55.	14.	13.	.29		
431	HYDROGRAPH AT	385	298.	13.17	77.	19.	19.	.39		
432	HYDROGRAPH AT	386	222.	13.25	57.	14.	14.	.35		
433	HYDROGRAPH AT	387	205.	13.00	44.	11.	11.	.25		
434	2 COMBINED AT	CP2	2284.	12.75	370.	100.	96.	3.76		
435	2 COMBINED AT	I1CP3	997.	12.42	110.	28.	27.	1.10		
436	2 COMBINED AT	CP3	2245.	12.92	468.	119.	115.	4.86		
437	2 COMBINED AT	CP5	1053.	12.25	90.	25.	24.	1.02		
438	2 COMBINED AT	I1CP7	1289.	12.17	130.	35.	34.	1.47		
439	2 COMBINED AT	CP7	1668.	12.17	158.	43.	41.	1.78		
440	2 COMBINED AT	I1CP9	2527.	12.33	277.	74.	71.	3.18		
441	2 COMBINED AT	CP9	3227.	12.33	350.	94.	91.	3.99		
442	2 COMBINED AT	I1CP10	3816.	12.75	525.	133.	129.	6.01		
443	2 COMBINED AT	CP10	5141.	12.75	911.	230.	222.	10.87		
444	2 COMBINED AT	CP12	4125.	12.83	861.	217.	209.	12.25		
445	2 COMBINED AT	CP13	1743.	12.58	301.	78.	76.	2.86		
446	2 COMBINED AT	I1CP15	1920.	12.50	246.	68.	66.	2.73		

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
447	2 COMBINED AT	CP15	1920.	12.50	246.	68.	66.	3.86		
448	2 COMBINED AT	I1CP17	1738.	12.75	321.	80.	77.	4.93		
449	2 COMBINED AT	CP17	3428.	12.75	621.	158.	153.	7.79		
450	2 COMBINED AT	I1CWT3	3605.	12.83	668.	167.	161.	8.23		
451	2 COMBINED AT	CPWT3	6649.	12.92	1450.	362.	349.	20.48		
452	2 COMBINED AT	CP19	1353.	12.33	144.	40.	39.	1.60		
453	2 COMBINED AT	I1CP21	1933.	12.42	217.	60.	58.	2.39		
454	2 COMBINED AT	CP21	1933.	12.42	217.	60.	58.	3.46		
455	2 COMBINED AT	I1C22A	1111.	12.33	120.	31.	30.	1.07		
456	2 COMBINED AT	CP22A	1108.	12.33	119.	31.	30.	4.69		
457	2 COMBINED AT	CP23	288.	12.08	55.	17.	16.	3.62		
458	2 COMBINED AT	I1CP25	1414.	12.42	169.	44.	42.	5.15		
459	2 COMBINED AT	CP25	1414.	12.42	169.	44.	42.	5.29		
460	2 COMBINED AT	I1CP27	1648.	12.50	225.	57.	55.	2.16		
461	2 COMBINED AT	CP27	3011.	12.50	350.	88.	85.	7.45		
462	2 COMBINED AT	I1CP30	879.	12.50	110.	28.	27.	1.14		
463	2 COMBINED AT	CP30	879.	12.50	110.	28.	27.	1.36		
464	2 COMBINED AT	CP31	1258.	12.58	173.	43.	42.	2.07		
465	2 COMBINED AT	CP33	1003.	12.25	91.	26.	25.	1.01		
466	2 COMBINED AT	I1CP35	1297.	12.25	127.	36.	35.	1.40		
467	2 COMBINED AT	CP35	2155.	12.33	243.	69.	67.	2.69		
468	2 COMBINED AT	I1CP36	2217.	12.42	258.	73.	70.	2.93		
469	2 COMBINED AT	CP36	2886.	12.42	343.	97.	93.	3.88		
470	2 COMBINED AT	CP38	3253.	12.42	407.	113.	109.	4.64		
471	2 COMBINED AT	I1CP39	3708.	12.58	427.	112.	108.	5.41		
472	2 COMBINED AT	CP39	6110.	12.67	765.	197.	190.	12.86		
473	2 COMBINED AT	CP41A2	60.	12.00	3.	1.	1.	.05		
474	2 COMBINED AT	CP41A3	86.	12.08	5.	1.	1.	.08		
475	2 COMBINED AT	CP41A	91.	12.08	5.	1.	1.	.13		
476	2 COMBINED AT	CP41-1	208.	12.17	14.	3.	3.	.28		
477	2 COMBINED AT	CP41-2	143.	12.17	12.	3.	3.	.38		
478	2 COMBINED AT	CP41	567.	12.42	64.	16.	16.	.68		
479	2 COMBINED AT	I1CP42	1454.	12.50	179.	46.	44.	1.70		
480	2 COMBINED AT	CP42	7140.	12.67	934.	241.	232.	14.56		
481	2 COMBINED AT	CP43-1	465.	12.58	42.	11.	10.	1.00		
482	2 COMBINED AT	CP43-2	19.	12.00	1.	0.	0.	1.01		
483	2 COMBINED AT	CP43-3	107.	12.00	6.	1.	1.	1.06		
484	2 COMBINED AT	CP43-4	64.	12.00	3.	1.	1.	1.09		
485	2 COMBINED AT	CP43-5	43.	12.00	2.	1.	1.	1.11		
486	2 COMBINED AT	CP43-6	45.	12.00	2.	1.	1.	1.13		
487	2 COMBINED AT	CP43-7	45.	12.00	2.	1.	1.	1.15		
488	2 COMBINED AT	CP43-8	23.	12.00	1.	0.	0.	1.16		
489	2 COMBINED AT	I1CP43	22.	12.00	1.	0.	0.	1.17		
490	2 COMBINED AT	CP43	6786.	12.83	799.	206.	198.	13.90		
491	2 COMBINED AT	CP45-1	1440.	12.92	90.	22.	22.	13.98		
492	2 COMBINED AT	CP45	1030.	13.08	101.	25.	24.	14.36		
493	2 COMBINED AT	CP46-1	316.	13.25	33.	8.	8.	14.51		
494	2 COMBINED AT	I1CP46	637.	12.58	92.	23.	22.	15.36		
495	2 COMBINED AT	CP46	1737.	12.67	259.	65.	63.	17.43		
496	2 COMBINED AT	I1CWT4	27.	12.67	5.	1.	1.	.05		
497	2 COMBINED AT	I2CWT4	29.	12.67	8.	2.	2.	.07		
498	2 COMBINED AT	I3CWT4	41.	12.58	10.	3.	2.	.09		
499	2 COMBINED AT	I4CWT4	46.	12.58	11.	3.	3.	.10		
500	2 COMBINED AT	I5CWT4	323.	12.25	36.	9.	9.	.32		
501	2 COMBINED AT	I6CWT4	4057.	13.00	747.	195.	187.	14.12		
502	2 COMBINED AT	I7CWT4	552.	13.25	120.	30.	29.	14.36		

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
503 2 COMBINED AT	I8CWT4	618.	13.25	153.	38.	37.	14.51		
504 2 COMBINED AT	I9CWT4	1048.	12.25	237.	60.	57.	15.28		
505 2 COMBINED AT	I10WT4	2009.	13.00	491.	123.	119.	18.20		
506 2 COMBINED AT	CPWT4	6026.	13.00	1228.	316.	304.	18.57		
507 2 COMBINED AT	CP100	283.	12.58	70.	19.	18.	.44		
508 2 COMBINED AT	CP101	635.	12.50	95.	24.	23.	.67		
509 2 COMBINED AT	CP102	753.	12.50	112.	28.	27.	.77		
510 2 COMBINED AT	CP107	1044.	12.75	199.	50.	48.	1.37		
511 2 COMBINED AT	1I108	999.	12.58	228.	57.	55.	1.56		
512 2 COMBINED AT	CP108	1158.	12.75	283.	71.	68.	1.93		
513 2 COMBINED AT	CP109	535.	13.25	184.	53.	51.	1.29		
514 2 COMBINED AT	1I112	534.	13.33	157.	40.	38.	1.12		
515 2 COMBINED AT	2I112	765.	13.33	202.	51.	49.	1.62		
516 2 COMBINED AT	CP112	790.	13.33	236.	59.	57.	1.83		
517 2 COMBINED AT	CP113A	560.	13.08	183.	46.	45.	2.33		
518 2 COMBINED AT	CP113	556.	13.08	284.	73.	71.	2.83		
519 2 COMBINED AT	CP114	376.	13.08	140.	36.	35.	3.21		
520 2 COMBINED AT	1I115	1313.	13.17	288.	72.	69.	1.86		
521 2 COMBINED AT	2I115	2429.	13.17	570.	143.	137.	3.79		
522 2 COMBINED AT	CP115	2705.	13.17	688.	173.	167.	7.00		
523 2 COMBINED AT	CP116	892.	13.75	331.	93.	90.	2.31		
524 2 COMBINED AT	1I117	359.	13.33	114.	30.	29.	.72		
525 2 COMBINED AT	2I117	1104.	13.83	439.	122.	118.	3.03		
526 2 COMBINED AT	CP117	1172.	13.75	476.	131.	127.	3.24		
527 2 COMBINED AT	CP119	706.	13.17	169.	42.	41.	1.36		
528 2 COMBINED AT	CP119A	533.	13.25	161.	40.	39.	1.83		
529 2 COMBINED AT	1I120	895.	13.33	266.	67.	64.	2.37		
530 2 COMBINED AT	CP120	1056.	13.33	342.	86.	83.	4.20		
531 2 COMBINED AT	1I121A	465.	12.92	137.	35.	33.	2.33		
532 2 COMBINED AT	CP121A	465.	12.92	146.	37.	36.	2.83		
533 2 COMBINED AT	CP121	708.	13.00	205.	52.	50.	3.33		
534 3 COMBINED AT	1I122	571.	14.33	357.	99.	96.	4.10		
535 2 COMBINED AT	CP122	2976.	13.58	1041.	273.	263.	7.89		
536 2 COMBINED AT	CP124	665.	13.33	171.	43.	41.	1.01		
537 2 COMBINED AT	1I125	1148.	14.08	598.	164.	158.	4.24		
538 2 COMBINED AT	CP125	1318.	14.08	654.	178.	171.	5.25		
539 2 COMBINED AT	1I126	563.	13.33	169.	42.	41.	1.10		
540 2 COMBINED AT	CP126	856.	13.33	381.	101.	98.	6.35		
541 2 COMBINED AT	CP128	537.	13.25	158.	39.	38.	1.77		
542 3 COMBINED AT	1I130	715.	14.42	323.	82.	79.	3.24		
543 3 COMBINED AT	CP130	1703.	13.42	724.	184.	178.	5.54		
544 2 COMBINED AT	CP131A	1102.	13.58	553.	143.	138.	6.03		
545 2 COMBINED AT	1I131	1274.	13.58	621.	163.	157.	6.52		
546 2 COMBINED AT	CP131	1909.	13.50	822.	215.	207.	8.52		
547 2 COMBINED AT	CP132	460.	13.58	208.	56.	54.	8.93		
548 2 COMBINED AT	1I133	579.	13.42	270.	74.	71.	9.42		
549 2 COMBINED AT	CP133	725.	14.33	354.	101.	97.	14.48		
550 2 COMBINED AT	1I134	2655.	14.00	980.	262.	252.	8.39		
551 2 COMBINED AT	2I134	2655.	14.00	980.	262.	252.	8.83		
552 2 COMBINED AT	CP134	2847.	14.00	1106.	298.	287.	15.42		
553 2 COMBINED AT	1I135	885.	14.17	391.	112.	107.	15.63		
554 2 COMBINED AT	CP135	970.	14.08	449.	129.	124.	16.48		
555 2 COMBINED AT	1I136	315.	13.08	139.	39.	37.	1.47		
556 2 COMBINED AT	CP136	931.	14.92	523.	154.	148.	16.94		
557 2 COMBINED AT	1I137	907.	13.50	590.	174.	167.	17.12		
558 2 COMBINED AT	CP137	1306.	14.50	795.	230.	221.	21.72		

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
559	2 COMBINED AT	1I138	586.	13.33	312.	93.	90.	6.25		
560	2 COMBINED AT	2I138	613.	13.42	385.	113.	109.	7.35		
561	2 COMBINED AT	CP138	934.	15.58	596.	184.	177.	23.82		
562	2 COMBINED AT	CP138	1329.	15.50	812.	261.	252.	24.02		
563	2 COMBINED AT	1I139	521.	13.33	119.	31.	30.	.69		
564	2 COMBINED AT	2I139	832.	13.83	399.	111.	107.	7.04		
565	2 COMBINED AT	CP139	843.	13.83	429.	119.	115.	7.22		
566	2 COMBINED AT	CP141A	540.	12.33	61.	15.	15.	.62		
567	2 COMBINED AT	CP142	692.	12.50	134.	34.	32.	1.13		
568	2 COMBINED AT	CP143	992.	13.00	209.	52.	50.	1.63		
569	2 COMBINED AT	1I144	858.	13.83	316.	79.	76.	6.05		
570	2 COMBINED AT	CP144	1398.	13.67	524.	131.	126.	7.68		
571	2 COMBINED AT	CP145A	1467.	13.25	563.	141.	136.	8.17		
572	2 COMBINED AT	1I145	1590.	14.00	708.	190.	183.	9.00		
573	2 COMBINED AT	CP145	2946.	14.00	1263.	330.	318.	11.63		
574	2 COMBINED AT	1I146	629.	13.25	259.	72.	69.	15.02		
575	2 COMBINED AT	CP146	1441.	14.08	813.	229.	221.	18.49		
576	2 COMBINED AT	1I147	337.	13.00	118.	36.	35.	14.62		
577	2 COMBINED AT	CP147	2010.	14.42	818.	229.	220.	15.92		
578	2 COMBINED AT	CP148	323.	13.00	134.	35.	34.	17.46		
578	2 COMBINED AT	1I148	323.	13.00	85.	22.	21.	16.40		
579	2 COMBINED AT	CP149	533.	13.58	316.	93.	89.	22.20		
580	2 COMBINED AT	CP150	196.	12.75	51.	13.	13.	17.69		
581	2 COMBINED AT	1I151	312.	12.92	85.	22.	21.	17.94		
582	2 COMBINED AT	CP151	638.	13.75	388.	114.	110.	23.66		
583	2 COMBINED AT	CP152	320.	13.25	170.	48.	46.	24.01		
584	2 COMBINED AT	CP153	423.	16.17	246.	78.	75.	21.92		
585	2 COMBINED AT	CP154	845.	16.33	529.	175.	168.	24.19		
586	2 COMBINED AT	CP155	243.	12.75	45.	11.	11.	24.27		
587	2 COMBINED AT	CP156	829.	14.25	462.	130.	125.	7.52		
588	2 COMBINED AT	1I157	919.	12.58	526.	204.	196.	25.08		
589	2 COMBINED AT	2I157	1258.	17.17	798.	289.	279.	25.08		
590	2 COMBINED AT	CP157	1771.	17.00	1228.	411.	396.	26.25		
591	2 COMBINED AT	1I158	497.	13.08	148.	42.	40.	1.28		
592	2 COMBINED AT	CP158	557.	14.17	219.	62.	60.	2.42		
593	2 COMBINED AT	RC158A	578.	13.25	125.	35.	34.	1.96		
593	2 COMBINED AT	CP158A	577.	13.17	145.	39.	37.	1.14		
593	2 COMBINED AT	CP158B	483.	13.00	119.	33.	31.	.76		
593	2 COMBINED AT	CP160	955.	12.42	98.	25.	24.	.97		
593	2 COMBINED AT	RC158D	1149.	12.33	125.	35.	34.	.82		
594	2 COMBINED AT	CP161	1032.	12.58	156.	39.	38.	1.47		
595	2 COMBINED AT	1I163	726.	13.00	146.	36.	35.	1.00		
596	2 COMBINED AT	CP163	1575.	13.00	301.	75.	72.	2.47		
597	2 COMBINED AT	1I164A	364.	13.08	104.	28.	27.	8.17		
598	2 COMBINED AT	CP164A	1865.	13.17	403.	103.	99.	10.64		
599	2 COMBINED AT	1I164	2141.	13.25	480.	123.	119.	11.13		
600	2 COMBINED AT	CP164	2141.	13.25	790.	202.	194.	15.08		
601	2 COMBINED AT	1I165	858.	15.17	434.	124.	119.	12.53		
602	2 COMBINED AT	2I165	2031.	13.67	1106.	298.	287.	15.98		
603	2 COMBINED AT	CP165	3187.	15.08	1882.	520.	501.	22.84		
604	2 COMBINED AT	1I166	1837.	15.58	799.	253.	243.	16.90		
605	2 COMBINED AT	CP166	1975.	15.58	902.	281.	271.	18.44		
606	2 COMBINED AT	1I167	589.	13.42	263.	78.	76.	24.63		
607	2 COMBINED AT	CP167	1870.	15.92	1044.	336.	324.	25.61		
608	2 COMBINED AT	1I168	330.	13.17	144.	50.	49.	24.17		
609	2 COMBINED AT	2I168	330.	13.17	188.	64.	62.	26.12		

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
610 2 COMBINED AT	CP168	515.	13.50	351.	112.	108.	26.47		
611 2 COMBINED AT	1I169	357.	13.17	86.	22.	21.	24.52		
612 2 COMBINED AT	2I169	359.	13.83	131.	33.	32.	25.13		
613 2 COMBINED AT	CP169	491.	13.83	201.	58.	56.	27.24		
614 2 COMBINED AT	CP172	1768.	17.08	1227.	413.	398.	26.37		
615 2 COMBINED AT	CP173	1753.	17.42	1224.	419.	404.	26.68		
616 2 COMBINED AT	RCP173	1826.	17.33	1460.	512.	493.	30.12		
617 2 COMBINED AT	CP173B	496.	14.58	229.	65.	63.	2.62		
618 2 COMBINED AT	RC173B	880.	14.58	354.	99.	96.	3.44		
619 2 COMBINED AT	CP173A	421.	13.58	148.	37.	36.	.90		
620 2 COMBINED AT	RC173A	1822.	17.42	1563.	545.	525.	31.02		
621 2 COMBINED AT	CP175A	687.	12.42	76.	19.	18.	.75		
622 2 COMBINED AT	1I176	700.	12.42	79.	20.	19.	.95		
623 2 COMBINED AT	CP176	792.	12.50	134.	34.	32.	1.40		
624 2 COMBINED AT	CP176A	378.	13.25	92.	23.	22.	3.09		
625 2 COMBINED AT	CP177A	581.	13.17	165.	41.	40.	3.58		
626 2 COMBINED AT	1I177	814.	13.33	237.	59.	57.	4.07		
627 2 COMBINED AT	CP177	902.	13.75	321.	82.	79.	16.68		
628 2 COMBINED AT	CP178	993.	13.42	382.	97.	94.	17.12		
629 2 COMBINED AT	1I179	1156.	13.58	448.	116.	111.	17.58		
630 2 COMBINED AT	CP179	3923.	14.17	2252.	630.	606.	25.34		
631 2 COMBINED AT	1I180	1796.	14.33	1228.	384.	370.	26.33		
632 2 COMBINED AT	CP180	1797.	14.33	1286.	401.	386.	30.29		
633 2 COMBINED AT	CP181	292.	14.75	221.	73.	70.	30.66		
633 2 COMBINED AT	CP181A	1200.	16.25	766.	265.	255.	26.00		
634 2 COMBINED AT	1I182	204.	12.75	34.	8.	8.	30.90		
635 2 COMBINED AT	CP182	903.	16.58	611.	221.	213.	38.46		
636 2 COMBINED AT	1I183	527.	16.42	253.	77.	74.	25.82		
637 2 COMBINED AT	2I183	797.	16.42	395.	124.	120.	26.21		
638 2 COMBINED AT	CP183	1078.	16.42	654.	209.	201.	27.07		
639 2 COMBINED AT	1I184	1051.	17.50	656.	231.	222.	27.86		
640 2 COMBINED AT	2I184	1467.	17.50	944.	332.	319.	40.32		
641 2 COMBINED AT	CP184	1574.	17.50	1104.	388.	373.	41.09		
642 2 COMBINED AT	1I185	487.	13.58	154.	39.	38.	.98		
643 2 COMBINED AT	CP185	552.	13.67	312.	113.	109.	42.07		
644 2 COMBINED AT	CP187	173.	13.67	52.	13.	13.	.68		
645 2 COMBINED AT	RCP187	1801.	17.75	1570.	549.	529.	31.70		
646 2 COMBINED AT	CP188	1457.	12.83	212.	53.	51.	11.08		
647 2 COMBINED AT	1I189	650.	12.67	135.	34.	33.	5.61		
648 2 COMBINED AT	CP189	940.	12.58	192.	48.	46.	6.12		
649 2 COMBINED AT	CP190	1336.	13.08	319.	80.	77.	6.98		
650 3 COMBINED AT	1I191	1774.	13.25	451.	113.	109.	10.07		
651 2 COMBINED AT	CP191	2358.	13.25	593.	149.	144.	12.18		
657 2 COMBINED AT	CP192A	1140.	13.50	177.	44.	43.	12.68		
658 2 COMBINED AT	CP192	1241.	13.75	251.	63.	60.	13.18		
659 2 COMBINED AT	1I193	596.	13.25	156.	39.	38.	14.09		
660 2 COMBINED AT	CP193	2347.	14.50	1229.	312.	301.	36.34		
661 2 COMBINED AT	1I194	514.	13.42	138.	35.	33.	31.19		
662 2 COMBINED AT	CP194	875.	13.50	740.	197.	189.	37.33		
663 2 COMBINED AT	1I195	1482.	15.58	1056.	336.	324.	35.64		
664 3 COMBINED AT	CP195	2559.	15.50	1800.	602.	580.	43.14		
665 2 COMBINED AT	1I196	439.	17.42	313.	124.	119.	38.93		
666 2 COMBINED AT	CP196	945.	17.42	806.	349.	336.	51.75		
667 2 COMBINED AT	CP197	611.	18.42	457.	182.	175.	42.09		
668 2 COMBINED AT	1I198	609.	19.17	440.	169.	163.	42.00		
669 2 COMBINED AT	2I198	846.	19.25	693.	271.	261.	42.98		

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
670 2 COMBINED AT	CP198	1418.	19.17	1137.	450.	433.	44.09		
671 2 COMBINED AT	CP200	231.	12.67	53.	13.	13.	.40		
672 2 COMBINED AT	RCP200	1786.	18.08	1550.	552.	532.	32.10		
672 2 COMBINED AT	CP201	2025.	15.67	1298.	385.	371.	43.48		
673 2 COMBINED AT	CP202	565.	13.42	388.	181.	174.	52.23		
674 2 COMBINED AT	CP203	598.	18.92	456.	179.	172.	42.20		
675 2 COMBINED AT	1I204	1413.	19.25	1136.	453.	436.	44.36		
676 2 COMBINED AT	CP204	1721.	19.25	1453.	626.	603.	58.13		
677 2 COMBINED AT	CP205	1721.	19.33	1453.	627.	604.	58.19		
678 2 COMBINED AT	CP206	1722.	19.33	1453.	629.	606.	58.31		
679 2 COMBINED AT	RCP206	3249.	16.67	2901.	1156.	1114.	68.69		
680 2 COMBINED AT	CP207A	1450.	13.00	259.	65.	62.	11.58		
681 2 COMBINED AT	1I208	1921.	13.25	631.	160.	154.	13.18		
682 2 COMBINED AT	CP208	2175.	13.33	746.	188.	182.	14.18		
683 2 COMBINED AT	CP209A	1706.	13.58	519.	131.	126.	14.68		
684 2 COMBINED AT	1I209	1026.	14.08	295.	74.	71.	13.68		
685 2 COMBINED AT	CP209	1285.	14.08	373.	93.	90.	16.18		
686 2 COMBINED AT	1I210	292.	13.08	64.	16.	15.	13.64		
687 2 COMBINED AT	CP210	304.	13.08	123.	31.	30.	16.58		
688 2 COMBINED AT	1I212	1344.	15.50	636.	168.	162.	36.88		
689 2 COMBINED AT	CP212	1350.	15.58	658.	172.	166.	37.23		
690 2 COMBINED AT	CP214	1392.	13.08	276.	69.	67.	11.74		
691 2 COMBINED AT	1I215	874.	12.42	99.	25.	24.	.80		
692 2 COMBINED AT	CP215	1484.	12.42	373.	93.	90.	12.54		
693 2 COMBINED AT	CP217	372.	13.08	111.	28.	27.	1.49		
694 2 COMBINED AT	1I218	614.	13.25	152.	38.	37.	15.18		
695 2 COMBINED AT	CP218	669.	13.25	189.	47.	46.	15.67		
696 2 COMBINED AT	1I219	629.	14.75	321.	92.	89.	14.68		
697 2 COMBINED AT	2I219	1239.	14.67	553.	151.	145.	15.18		
698 2 COMBINED AT	CP219	1270.	14.58	565.	154.	148.	16.67		
699 2 COMBINED AT	1I220	650.	14.42	276.	70.	68.	15.18		
700 2 COMBINED AT	2I220	1115.	14.50	415.	106.	102.	16.68		
701 2 COMBINED AT	CP220	1241.	14.58	476.	121.	117.	18.17		
702 2 COMBINED AT	1I221	490.	15.33	202.	59.	56.	16.66		
703 2 COMBINED AT	2I221	707.	15.25	323.	89.	86.	[illegible]		
704 2 COMBINED AT	1I221A	276.	14.17	109.	28.	27			
704 2 COMBINED AT	CP221	1018.	15.17	450.	122.				
705 2 COMBINED AT	CP221A	1377.	16.17	713.	19[illegible]				
706 2 COMBINED AT	CP222	1380.	16.50	769.					
707 2 COMBINED AT	1I223	2054.	16.33	1344.					
708 2 COMBINED AT	CP223	2523.	16.33	1806.					
709 2 COMBINED AT	CP224	2453.	16.50	1745.					
710 2 COMBINED AT	1I225	520.	12.42	119.					
711 2 COMBINED AT	CP225	959.	12.42	168.					
712 2 COMBINED AT	1I226	1483.	12.33	180.					
713 2 COMBINED AT	CP226	1483.	12.33	572.	23[illegible]				
714 2 COMBINED AT	RC228A	3236.	16.83	2897.	1142.				
715 3 COMBINED AT	CP229	863.	12.33	127.	32.				
716 2 COMBINED AT	CP230A	530.	12.25	95.	24.				
717 2 COMBINED AT	1I230	227.	12.42	33.	8.				
718 2 COMBINED AT	CP230	672.	12.42	114.	29.				
719 2 COMBINED AT	CP231	279.	12.50	53.	13.				
720 2 COMBINED AT	CP233	1685.	12.58	427.	107.				
721 2 COMBINED AT	1I234	689.	13.08	150.	37.		[illegible]		
722 2 COMBINED AT	CP234	2084.	12.83	572.	143.		14.08		
723 2 COMBINED AT	1I235	483.	13.42	144.	36.	35.	1.96		

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

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
724 2 COMBINED AT	CP235	1467.	13.42	486.	122.	117.	16.04		
725 2 COMBINED AT	1I236	710.	13.33	187.	47.	45.	16.67		
726 2 COMBINED AT	CP236	1222.	13.58	425.	108.	104.	26.34		
727 2 COMBINED AT	1I237	513.	13.92	195.	51.	49.	16.17		
728 2 COMBINED AT	2I237	519.	13.92	275.	74.	72.	17.17		
729 2 COMBINED AT	CP237	993.	13.83	500.	132.	128.	27.84		
730 2 COMBINED AT	1I238	843.	15.17	453.	130.	126.	17.17		
731 2 COMBINED AT	2I238	918.	15.25	477.	137.	132.	18.67		
732 2 COMBINED AT	CP238	1226.	15.25	751.	213.	205.	30.34		
733 2 COMBINED AT	1I239	701.	15.75	319.	96.	93.	18.65		
734 2 COMBINED AT	2I239	1547.	16.25	757.	217.	209.	19.59		
735 2 COMBINED AT	CP239	2367.	16.17	1410.	406.	391.	31.76		
736 2 COMBINED AT	CP240	634.	16.50	552.	191.	184.	32.16		
737 2 COMBINED AT	1I241	2429.	16.92	1743.	680.	655.	56.98		
738 2 COMBINED AT	2I241	3693.	17.08	2453.	907.	874.	59.77		
739 2 COMBINED AT	CP241	4243.	17.08	2889.	1083.	1044.	78.75		
740 2 COMBINED AT	1I242	1000.	12.67	213.	80.	77.	1.94		
741 2 COMBINED AT	CP242	1049.	12.58	223.	83.	80.	2.03		
742 2 COMBINED AT	CP243B	1111.	12.67	233.	85.	82.	2.10		
743 2 COMBINED AT	CP243A	1261.	12.67	263.	93.	89.	2.32		
744 2 COMBINED AT	CP244A	485.	12.17	49.	13.	12.	1.51		
745 2 COMBINED AT	1I243	338.	12.42	63.	16.	16.	1.98		
746 2 COMBINED AT	CP243	1460.	12.67	324.	108.	104.	4.30		
747 2 COMBINED AT	1I244	582.	12.42	78.	20.	19.	1.70		
748 2 COMBINED AT	CP244	1195.	12.50	192.	48.	47.	1.74		
749 3 COMBINED AT	1I245	1056.	13.25	252.	64.	62.	2.14		
750 2 COMBINED AT	CP245	1860.	13.17	574.	171.	164.	5.05		
751 2 COMBINED AT	RCP245	3300.	17.58	2987.	1219.	1174.	73.82		
752 2 COMBINED AT	CP246	1239.	12.58	193.	48.	46.	1.68		
754 2 COMBINED AT	1I248	1313.	13.42	372.	93.	90.	15.08		
755 2 COMBINED AT	2I248	1602.	13.50	446.	112.	108.	15.58		
756 2 COMBINED AT	CP248	2174.	13.67	679.	170.	164.	17.54		
757 2 COMBINED AT	1I249	559.	13.25	188.	47.	45.	18.54		
758 2 COMBINED AT	CP249	694.	14.00	262.	66.	63.	28.84		
759 2 COMBINED AT	1I250	308.	16.08	145.	45.	43.	26.83		
760 2 COMBINED AT	2I250	411.	16.08	231.	67.	64.	28.33		
761 2 COMBINED AT	CP250	909.	14.42	466.	126.	121.	30.83		
762 2 COMBINED AT	1I250A	314.	14.50	180.	46.	44.	328.35		
763 2 COMBINED AT	2I250A	366.	14.58	214.	55.	53.	30.85		
764 2 COMBINED AT	CP250A	1254.	14.58	675.	180.	173.	33.84		
765 2 COMBINED AT	1I251	301.	13.17	87.	30.	29.	30.84		
766 2 COMBINED AT	2I251	1711.	16.50	937.	258.	249.	32.26		
767 2 COMBINED AT	CP251	2394.	16.50	1543.	424.	408.	35.76		
768 2 COMBINED AT	CP252	439.	16.83	325.	96.	92.	36.26		
769 2 COMBINED AT	1I253	4123.	17.67	2883.	1105.	1064.	79.75		
770 2 COMBINED AT	2I253	4122.	17.67	2883.	1111.	1070.	80.00		
771 2 COMBINED AT	CP253	4121.	17.67	2888.	1114.	1073.	84.50		
772 2 COMBINED AT	CP255	1512.	12.25	183.	50.	48.	1.84		
773 2 COMBINED AT	CP256	325.	13.00	95.	24.	23.	.90		
774 2 COMBINED AT	RCP258	3295.	17.75	2986.	1193.	1149.	74.20		
775 2 COMBINED AT	CP259	243.	12.25	20.	5.	5.	.32		
776 2 COMBINED AT	CP260	1336.	12.75	249.	63.	61.	2.18		
777 2 COMBINED AT	CP261	264.	13.17	62.	16.	15.	.91		
778 2 COMBINED AT	CP262	2219.	13.83	770.	194.	187.	18.57		
779 2 COMBINED AT	CP263	1071.	14.08	423.	108.	104.	19.07		
780 2 COMBINED AT	1I264	324.	13.00	91.	23.	22.	29.34		

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
781 2 COMBINED AT	CP264	412.	14.33	212.	54.	52.	30.87		
782 2 COMBINED AT	1I265A	601.	13.08	132.	33.	32.	34.79		
783 2 COMBINED AT	CP265A	604.	13.08	161.	40.	39.	35.01		
784 2 COMBINED AT	1I266	256.	15.42	93.	23.	23.	34.17		
785 2 COMBINED AT	CP266	1964.	16.75	1341.	369.	355.	36.09		
786 2 COMBINED AT	1I267	485.	13.67	353.	109.	105.	36.76		
787 2 COMBINED AT	CP267	2106.	16.92	1534.	434.	418.	37.09		
788 2 COMBINED AT	1I268	4088.	18.00	2880.	1128.	1086.	85.45		
789 2 COMBINED AT	CP268	4703.	17.92	3270.	1269.	1222.	86.28		
790 2 COMBINED AT	CP269	491.	13.00	172.	45.	44.	1.25		
791 2 COMBINED AT	1I270	521.	12.33	89.	25.	24.	.52		
792 2 COMBINED AT	CP270	520.	12.33	92.	26.	25.	3.09		
793 2 COMBINED AT	1I271	1104.	13.50	265.	72.	69.	2.41		
794 2 COMBINED AT	CP271A	284.	13.42	86.	22.	21.	.59		
794 2 COMBINED AT	CP271	1104.	13.50	330.	93.	90.	2.57		
795 2 COMBINED AT	CP271B	109.	12.83	54.	15.	14.	.49		
796 2 COMBINED AT	CP271C	263.	12.17	68.	20.	19.	.79		
796 2 COMBINED AT	1I271C	263.	12.17	67.	20.	19.	.67		
797 2 COMBINED AT	1I272	116.	12.42	12.	3.	3.	.32		
798 2 COMBINED AT	2I272	304.	12.25	29.	7.	7.	.52		
799 2 COMBINED AT	CP272	304.	12.25	39.	14.	13.	1.19		
800 2 COMBINED AT	RCP272	3287.	18.08	2984.	1149.	1107.	75.39		
801 2 COMBINED AT	CP273	1407.	12.83	323.	82.	79.	2.83		
802 2 COMBINED AT	1I274	465.	13.58	134.	33.	32.	1.57		
803 2 COMBINED AT	CP274	687.	13.17	178.	45.	43.	4.40		
804 2 COMBINED AT	CP275	135.	12.42	17.	4.	4.	4.51		
805 2 COMBINED AT	CP276	186.	13.00	38.	9.	9.	4.77		
806 2 COMBINED AT	1I277	569.	13.08	127.	38.	36.	1.82		
807 2 COMBINED AT	2I277	556.	13.08	274.	76.	74.	19.48		
808 2 COMBINED AT	CP277	606.	13.17	279.	78.	75.	24.25		
809 2 COMBINED AT	1I278	1291.	15.50	537.	139.	134.	19.07		
810 2 COMBINED AT	2I278	1645.	15.50	723.	191.	184.	30.87		
811 2 COMBINED AT	CP278	1660.	15.42	793.	224.	216.	31.87		
812 2 COMBINED AT	CP279D	32.	12.17	3.	1.	1.	24.27		
813 2 COMBINED AT	CP279C	76.	12.25	8.	2.	2.	24.32		
814 2 COMBINED AT	CP279B	45.	12.25	4.	1.	1.	24.32		
815 2 COMBINED AT	CP279A	88.	12.42	12.	3.	3.	24.42		
816 2 COMBINED AT	1I279	76.	12.25	7.	2.	2.	24.47		
817 2 COMBINED AT	CP279	1632.	15.58	788.	224.	216.	36.14		
818 2 COMBINED AT	1I280	358.	13.33	104.	26.	25.	36.47		
819 2 COMBINED AT	CP280	826.	16.17	419.	117.	112.	43.77		
820 2 COMBINED AT	CP280A	585.	17.58	389.	119.	114.	43.83		
821 2 COMBINED AT	CP281	742.	13.92	270.	70.	67.	35.86		
822 2 COMBINED AT	CP282	669.	14.17	252.	65.	63.	35.98		
823 2 COMBINED AT	CP283	231.	17.33	154.	48.	47.	36.25		
824 2 COMBINED AT	CP284	1266.	17.58	990.	300.	289.	37.61		
825 2 COMBINED AT	CP285B	229.	17.58	154.	50.	48.	36.31		
826 2 COMBINED AT	1I285A	1257.	17.83	958.	283.	273.	37.67		
827 2 COMBINED AT	CP285A	1259.	17.83	958.	283.	273.	37.89		
828 2 COMBINED AT	CP285	1007.	18.00	719.	190.	183.	37.93		
829 2 COMBINED AT	1I286	4662.	18.50	3264.	1225.	1180.	86.98		
830 2 COMBINED AT	CP286	4662.	18.50	3264.	1235.	1190.	87.20		
831 2 COMBINED AT	1I287	4644.	18.67	3261.	1231.	1186.	87.43		
832 2 COMBINED AT	CP287	5319.	18.58	3724.	1362.	1312.	88.27		
833 2 COMBINED AT	CP287A	618.	13.83	249.	64.	62.	2.42		
834 2 COMBINED AT	1I287B	163.	14.17	68.	18.	17.	.36		

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
835	2 COMBINED AT	CP287B	212.	14.25	107.	44.	42.	2.78		
836	2 COMBINED AT	1I287C	599.	16.83	391.	144.	139.	4.32		
837	2 COMBINED AT	CP287C	649.	16.83	430.	167.	161.	7.10		
838	2 COMBINED AT	1I287D	293.	14.00	111.	29.	28.	.73		
839	2 COMBINED AT	CP287D	382.	19.58	345.	149.	143.	7.83		
840	2 COMBINED AT	CP287E	199.	12.58	129.	39.	37.	1.74		
841	2 COMBINED AT	RC287E	3256.	19.17	2973.	1033.	995.	77.13		
842	2 COMBINED AT	CP288A	606.	13.33	188.	48.	46.	2.08		
843	2 COMBINED AT	1I289	598.	16.17	296.	88.	84.	3.09		
844	2 COMBINED AT	CP289	660.	16.17	387.	135.	130.	4.09		
845	2 COMBINED AT	RCP290	3278.	18.33	2980.	1127.	1086.	75.94		
846	2 COMBINED AT	CP291	453.	13.25	120.	32.	31.	1.54		
847	2 COMBINED AT	1I292	1237.	12.75	408.	105.	101.	3.79		
848	2 COMBINED AT	CP292	1704.	13.25	586.	150.	144.	5.36		
849	2 COMBINED AT	1I293	150.	14.25	45.	11.	11.	4.77		
850	2 COMBINED AT	3I293	751.	12.75	419.	116.	112.	25.02		
850	2 COMBINED AT	2I293	677.	12.67	156.	40.	38.	5.54		
851	2 COMBINED AT	CP293	1408.	13.50	693.	185.	178.	25.98		
852	2 COMBINED AT	CP293A	1367.	14.08	668.	181.	174.	26.05		
853	2 COMBINED AT	1I294	56.	13.08	10.	3.	2.	24.32		
854	2 COMBINED AT	CP294	264.	12.17	33.	8.	8.	24.50		
855	2 COMBINED AT	1I294A	730.	15.92	432.	141.	135.	36.40		
856	2 COMBINED AT	2I294A	730.	15.92	432.	141.	136.	36.40		
857	2 COMBINED AT	CP294A	730.	15.92	439.	144.	139.	36.40		
858	2 COMBINED AT	CP295	722.	16.08	447.	151.	145.	36.71		
859	3 COMBINED AT	CP296	674.	18.83	485.	191.	184.	44.76		
860	2 COMBINED AT	CP297	230.	13.17	152.	60.	57.	36.69		
861	2 COMBINED AT	1I297A	246.	18.25	238.	102.	98.	38.16		
862	2 COMBINED AT	CP297A	519.	18.33	432.	153.	148.	38.20		
863	2 COMBINED AT	CP298	4446.	19.83	3602.	1348.	1299.	89.11		
864	2 COMBINED AT	CP302	241.	12.17	22.	10.	9.	1.89		
865	2 COMBINED AT	1RC302	3282.	19.33	3009.	1018.	982.	85.71		
866	2 COMBINED AT	RCP302	3291.	19.42	3019.	1026.	989.	85.71		
867	2 COMBINED AT	1I303	25.	13.58	5.	1.	1.	.05		
868	2 COMBINED AT	2I303	27.	13.67	9.	2.	2.	.08		
869	2 COMBINED AT	3I303	32.	14.42	14.	4.	3.	.13		
870	2 COMBINED AT	4I303	65.	14.25	25.	6.	6.	.28		
871	2 COMBINED AT	5I303	90.	14.50	35.	9.	9.	.38		
872	2 COMBINED AT	6I303	132.	14.50	60.	16.	15.	.96		
873	2 COMBINED AT	CP303	911.	12.67	192.	50.	49.	2.17		
874	4 COMBINED AT	1C303A	530.	12.25	97.	24.	24.	1.48		
875	2 COMBINED AT	CP303A	516.	12.25	94.	24.	23.	18.99		
876	2 COMBINED AT	CP304	1646.	12.42	225.	56.	54.	2.58		
877	2 COMBINED AT	1I306	873.	13.83	360.	95.	92.	26.05		
878	2 COMBINED AT	CP306	974.	13.00	414.	109.	105.	26.54		
879	2 COMBINED AT	CP308	1063.	13.25	448.	118.	114.	26.86		
880	2 COMBINED AT	1I309	645.	13.17	152.	38.	37.	25.57		
881	2 COMBINED AT	CP309	1190.	15.25	590.	185.	178.	27.37		
882	2 COMBINED AT	CP311	721.	13.00	533.	175.	169.	37.44		
883	2 COMBINED AT	CP311A	270.	12.92	54.	14.	13.	.37		
884	2 COMBINED AT	CP312	645.	20.00	476.	200.	193.	45.42		
885	2 COMBINED AT	CP313	247.	13.17	59.	15.	14.	37.12		
886	2 COMBINED AT	CP315	510.	19.92	427.	162.	156.	38.67		
887	2 COMBINED AT	CP316	4438.	20.17	3599.	1333.	1284.	89.93		
888	2 COMBINED AT	CP317	341.	13.25	141.	36.	34.	.97		
889	2 COMBINED AT	CP318	580.	12.67	156.	43.	41.	1.01		

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
890	2 COMBINED AT	CP319	578.	12.50	127.	36.	34.	.84		
891	2 COMBINED AT	CP320	675.	12.42	88.	25.	24.	2.53		
892	2 COMBINED AT	RCP320	3313.	19.75	3044.	990.	956.	86.35		
893	2 COMBINED AT	1I321	1309.	12.25	264.	69.	66.	2.83		
894	2 COMBINED AT	CP321	1309.	12.25	306.	80.	77.	4.60		
895	2 COMBINED AT	CP322	1104.	13.00	265.	71.	68.	4.94		
896	2 COMBINED AT	CP323	1600.	12.58	242.	61.	59.	2.73		
897	2 COMBINED AT	CP324	1180.	13.25	221.	57.	55.	3.09		
898	2 COMBINED AT	CP325	880.	13.33	205.	51.	50.	1.41		
899	2 COMBINED AT	CP326	533.	13.08	109.	27.	26.	.75		
900	2 COMBINED AT	CP327	1232.	13.50	513.	136.	131.	27.39		
901	2 COMBINED AT	CP328	1086.	16.50	583.	202.	195.	28.13		
902	2 COMBINED AT	CP329	663.	12.83	117.	30.	29.	.82		
903	2 COMBINED AT	1I330	983.	13.08	582.	195.	188.	38.03		
904	2 COMBINED AT	CP330	1446.	13.08	931.	407.	392.	48.59		
905	2 COMBINED AT	1I331	632.	21.25	473.	201.	194.	46.17		
906	2 COMBINED AT	CP331	632.	21.25	473.	214.	206.	46.54		
907	2 COMBINED AT	CP332	388.	13.75	139.	35.	34.	37.68		
908	2 COMBINED AT	CP333	388.	13.08	137.	36.	35.	1.00		
909	2 COMBINED AT	1I334	4432.	20.33	3596.	1330.	1281.	90.57		
910	2 COMBINED AT	CP334	4915.	20.33	4007.	1473.	1419.	91.31		
911	2 COMBINED AT	CP335	4906.	20.58	4005.	1457.	1403.	91.66		
912	2 COMBINED AT	1I336	311.	13.83	138.	36.	34.	33.31		
913	2 COMBINED AT	2I336	4899.	20.75	4010.	1468.	1414.	94.97		
914	2 COMBINED AT	CP336	4899.	20.75	4013.	1519.	1463.	96.25		
915	3 COMBINED AT	CP337	1120.	12.83	357.	103.	99.	2.34		
916	2 COMBINED AT	CP336A	4897.	20.83	4012.	1527.	1471.	96.62		
917	2 COMBINED AT	CP337B	58.	13.58	17.	5.	4.	.42		
918	2 COMBINED AT	CP338A	734.	12.42	86.	24.	23.	3.30		
919	2 COMBINED AT	CP338	852.	12.67	124.	33.	32.	3.61		
920	2 COMBINED AT	RCP338	3302.	20.42	3039.	918.	887.	87.43		
921	2 COMBINED AT	CP339	1396.	13.33	402.	108.	104.	5.94		
922	2 COMBINED AT	CP340	1090.	13.67	284.	75.	72.	3.57		
923	2 COMBINED AT	CP341	518.	13.92	199.	50.	48.	1.40		
924	2 COMBINED AT	CP342	858.	13.75	263.	66.	64.	1.80		
925	2 COMBINED AT	CP342A	625.	13.58	164.	41.	40.	1.13		
925	2 COMBINED AT	1IC343	1315.	13.75	581.	154.	148.	27.90		
926	2 COMBINED AT	CP343	1821.	13.83	1093.	368.	355.	30.59		
927	2 COMBINED AT	CP344	974.	17.33	580.	216.	208.	28.74		
928	2 COMBINED AT	CP345	756.	13.17	179.	45.	44.	1.25		
929	2 COMBINED AT	CP346A	1404.	13.50	935.	402.	387.	48.59		
930	2 COMBINED AT	CP346B	1268.	14.25	879.	369.	355.	38.58		
931	2 COMBINED AT	CP346C	1244.	14.08	878.	373.	359.	38.31		
932	2 COMBINED AT	1I347	641.	13.08	268.	71.	68.	38.70		
933	2 COMBINED AT	2I347	635.	13.08	300.	88.	84.	52.64		
934	2 COMBINED AT	CP347	635.	13.08	300.	88.	84.	52.98		
935	2 COMBINED AT	CP348A	379.	13.42	165.	44.	42.	1.22		
936	2 COMBINED AT	CP348B	667.	13.42	253.	67.	65.	1.88		
937	2 COMBINED AT	CP349	1430.	13.83	514.	141.	136.	6.87		
938	2 COMBINED AT	1I350	1417.	14.25	532.	148.	143.	7.06		
939	2 COMBINED AT	CP350	1417.	14.25	532.	155.	150.	8.79		
940	2 COMBINED AT	CP351	1053.	14.00	386.	103.	99.	4.33		
941	2 COMBINED AT	CP352	1238.	14.33	486.	130.	126.	3.60		
942	2 COMBINED AT	CP352A	925.	14.75	391.	107.	103.	4.46		
943	2 COMBINED AT	1I353	488.	14.58	216.	58.	56.	1.62		
944	2 COMBINED AT	CP353	1291.	13.92	478.	124.	120.	3.42		

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
945 2 COMBINED AT	CP354	604.	13.92	206.	52.	51.	1.44		
946 2 COMBINED AT	1I355	1740.	14.50	1053.	350.	338.	31.04		
947 2 COMBINED AT	2I355	2031.	14.75	1238.	399.	385.	32.48		
948 2 COMBINED AT	CP355	2031.	14.75	1448.	614.	591.	48.68		
950 2 COMBINED AT	CP356	1792.	14.08	1095.	377.	363.	30.94		
951 2 COMBINED AT	CP357	750.	13.42	199.	50.	49.	1.39		
952 2 COMBINED AT	CP358	896.	18.00	829.	263.	253.	41.02		
953 2 COMBINED AT	1I359	404.	13.00	82.	21.	20.	.61		
954 2 COMBINED AT	2I359	1036.	13.33	281.	71.	68.	2.00		
955 2 COMBINED AT	CP359	1281.	14.42	776.	341.	328.	40.58		
956 2 COMBINED AT	1I360	789.	15.83	652.	263.	254.	40.83		
957 2 COMBINED AT	CP360	1026.	15.83	851.	342.	329.	40.83		
958 2 COMBINED AT	1I362	4387.	22.33	3542.	1222.	1177.	101.20		
959 2 COMBINED AT	CP362	4372.	22.42	3568.	1296.	1248.	119.10		
960 2 COMBINED AT	1I363	1777.	21.67	1455.	505.	486.	97.40		
961 2 COMBINED AT	2I363	4372.	22.00	3587.	1233.	1188.	98.56		
961 2 COMBINED AT	3I363	4392.	22.00	3610.	1294.	1246.	100.44		
962 2 COMBINED AT	CP363	4392.	22.00	3610.	1305.	1257.	100.78		
963 2 COMBINED AT	1I364	558.	13.00	157.	41.	39.	1.16		
964 2 COMBINED AT	CP364	3110.	21.17	2554.	970.	934.	97.93		
965 2 COMBINED AT	RCP364	3727.	21.92	2791.	905.	875.	133.69		
966 2 COMBINED AT	1I364A	4895.	20.92	4011.	1514.	1459.	96.69		
967 2 COMBINED AT	CP364A	4895.	20.92	4011.	1516.	1461.	96.77		
968 2 COMBINED AT	1RC367	3300.	20.58	3034.	893.	862.	89.88		
969 2 COMBINED AT	RCP367	3325.	20.58	3058.	986.	953.	89.88		
969 2 COMBINED AT	CP368	367.	13.58	150.	43.	41.	1.27		
970 2 COMBINED AT	RCP368	3332.	21.58	2698.	833.	805.	91.41		
971 2 COMBINED AT	RCP369	3313.	21.42	2769.	828.	800.	90.14		
972 2 COMBINED AT	RCP370	3320.	20.92	3008.	913.	882.	89.99		
973 2 COMBINED AT	1I371	1499.	14.83	595.	179.	173.	9.72		
975 2 COMBINED AT	CP371	1698.	20.67	1315.	556.	536.	65.40		
976 3 COMBINED AT	1I372	1929.	19.42	1515.	502.	483.	55.96		
977 2 COMBINED AT	2I372	2007.	19.42	1554.	530.	510.	56.61		
978 2 COMBINED AT	CP372	2124.	19.42	1616.	602.	580.	61.07		
979 2 COMBINED AT	1I373	1770.	15.92	1354.	520.	501.	49.11		
980 2 COMBINED AT	CP373	1770.	15.92	1354.	520.	501.	49.15		
981 2 COMBINED AT	1I374	1658.	16.92	1333.	500.	482.	49.91		
982 2 COMBINED AT	2I374	1783.	16.83	1376.	516.	497.	50.32		
983 2 COMBINED AT	CP374	1870.	16.83	1405.	533.	513.	50.74		
986 2 COMBINED AT	CP377	120.	12.42	15.	4.	4.	.30		
987 2 COMBINED AT	RC377A	7914.	23.42	5218.	1661.	1603.	156.34		
988 2 COMBINED AT	RC377B	7907.	23.58	4986.	1541.	1487.	156.76		
989 2 COMBINED AT	CP378	4349.	23.25	3184.	1038.	1000.	119.88		
990 2 COMBINED AT	RCP378	7917.	23.25	5339.	1716.	1656.	156.07		
991 2 COMBINED AT	1I379	332.	16.75	189.	70.	67.	61.78		
992 2 COMBINED AT	2I379	332.	16.75	189.	70.	67.	61.88		
993 2 COMBINED AT	3I379	337.	16.75	189.	86.	82.	62.24		
994 2 COMBINED AT	CP379	1797.	21.67	1425.	551.	531.	65.96		
995 2 COMBINED AT	CP380	188.	12.83	44.	13.	13.	.41		
996 2 COMBINED AT	RCP380	7874.	24.75	3565.	1000.	966.	158.18		
997 2 COMBINED AT	RC381B	7878.	24.67	3817.	1058.	1022.	157.77		
998 2 COMBINED AT	CP382	556.	13.17	275.	128.	123.	61.78		
999 2 COMBINED AT	RCP383	7882.	24.50	4063.	1127.	1088.	157.70		
1000 2 COMBINED AT	RC383A	7887.	24.33	4308.	1218.	1175.	157.52		
1001 2 COMBINED AT	CP384	269.	14.33	122.	33.	32.	.65		
1002 2 COMBINED AT	RCP386	7890.	24.25	4401.	1256.	1213.	157.36		

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
1003 2 COMBINED AT	RCP387	7894.	24.08	4537.	1312.	1266.	157.01		
1004 2 COMBINED AT	CPWTAF	9330.	24.92	4819.	1487.	1435.	183.74		
1010 DIVERSION TO	DCP3	490.	12.92	60.	15.	14.	4.86		
1011 DIVERSION TO	DCP10	1486.	12.75	193.	48.	46.	10.87		
1012 DIVERSION TO	DI43	1441.	12.92	80.	20.	19.	13.90		
1013 DIVERSION TO	DI43-4	21.	12.17	3.	1.	1.	1.09		
1014 DIVERSION TO	DI43-5	19.	12.17	2.	1.	1.	1.11		
1015 DIVERSION TO	DI43-6	6.	12.17	2.	1.	1.	1.13		
1016 DIVERSION TO	DI43-7	20.	12.08	2.	1.	1.	1.15		
1017 DIVERSION TO	DI43-8	12.	12.08	1.	0.	0.	1.16		
1018 DIVERSION TO	DI45-1	325.	13.00	35.	9.	9.	13.98		
1019 DIVERSION TO	DI45	330.	13.17	85.	21.	21.	14.36		
1020 DIVERSION TO	DI46-1	118.	13.42	33.	8.	8.	14.51		
1021 DIVERSION TO	DI119	166.	12.67	26.	7.	6.	.50		
1022 DIVERSION TO	DI120	263.	13.33	79.	20.	19.	1.83		
1023 DIVERSION TO	1D121A	263.	13.33	79.	20.	19.	1.83		
1024 DIVERSION TO	2D121A	58.	13.08	9.	2.	2.	2.33		
1025 DIVERSION TO	1D122	442.	13.08	226.	58.	56.	2.83		
1026 DIVERSION TO	2D122	96.	13.08	20.	5.	5.	3.21		
1027 DIVERSION TO	DI124	338.	13.00	74.	18.	18.	.44		
1028 DIVERSION TO	DI125	200.	13.33	56.	14.	14.	1.01		
1029 DIVERSION TO	DI126	439.	14.08	218.	59.	57.	5.25		
1030 DIVERSION TO	DI128	410.	13.17	98.	25.	24.	1.36		
1031 DIVERSION TO	DI130	0.	.08	0.	0.	0.	1.83		
1032 DIVERSION TO	DI134	2643.	13.58	949.	243.	234.	7.89		
1033 DIVERSION TO	DI136	308.	13.33	87.	22.	21.	1.01		
1034 DIVERSION TO	DI138	439.	14.08	218.	59.	57.	5.25		
1035 DIVERSION TO	DI139	685.	13.33	305.	81.	78.	6.35		
1036 DIVERSION TO	DI144	795.	13.42	242.	61.	58.	5.54		
1037 DIVERSION TO	DI145	1550.	13.50	665.	172.	166.	8.52		
1038 DIVERSION TO	DI146	290.	14.33	141.	40.	39.	14.48		
1039 DIVERSION TO	1D147	145.	14.33	71.	20.	19.	14.48		
1040 DIVERSION TO	2D147	2060.	14.00	741.	193.	186.	15.42		
1041 DIVERSION TO	DI148	172.	14.08	52.	13.	13.	16.48		
1042 DIVERSION TO	DI149	435.	14.50	265.	76.	74.	21.72		
1043 DIVERSION TO	DI150	49.	13.00	20.	5.	5.	17.46		
1044 DIVERSION TO	DI152	205.	13.75	122.	34.	33.	23.66		
1045 DIVERSION TO	DI153	435.	14.50	265.	76.	74.	21.72		
1046 DIVERSION TO	DI154	849.	15.75	529.	172.	166.	24.02		
1047 DIVERSION TO	DI155	0.	.08	0.	0.	0.	24.01		
1048 DIVERSION TO	DI158A	0.	.08	0.	0.	0.	1.14		
1050 DIVERSION TO	DI164	991.	14.00	315.	79.	76.	11.63		
1051 DIVERSION TO	DI165	868.	14.00	365.	91.	88.	11.63		
1052 DIVERSION TO	DI166	1943.	14.42	801.	224.	216.	15.92		
1053 DIVERSION TO	DI167	1753.	15.58	831.	263.	253.	18.44		
1054 DIVERSION TO	1D168	205.	13.75	122.	34.	33.	23.66		
1055 DIVERSION TO	2D168	117.	15.92	51.	14.	13.	25.61		
1056 DIVERSION TO	1D169	0.	.08	0.	0.	0.	24.01		
1057 DIVERSION TO	2D169	140.	13.50	84.	26.	25.	26.47		
1058 DIVERSION TO	DI175A	375.	12.25	34.	9.	8.	.28		
1059 DIVERSION TO	DI176A	0.	.08	0.	0.	0.	2.47		
1060 DIVERSION TO	DI177	294.	13.25	93.	24.	23.	15.08		
1061 DIVERSION TO	1D183	532.	15.92	256.	69.	67.	25.61		
1062 DIVERSION TO	2D183	274.	16.25	150.	47.	46.	26.00		
1063 DIVERSION TO	DI191	0.	.08	0.	0.	0.	3.09		
1064 DIVERSION TO	DI193	2291.	14.17	1121.	280.	270.	25.34		

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
1065	DIVERSION TO	DI194	0.	.08	0.	0.	0.	25.34		
1066	DIVERSION TO	1D195	1507.	14.33	1086.	340.	328.	30.29		
1067	DIVERSION TO	2D195	292.	14.75	221.	73.	70.	30.66		
1068	DIVERSION TO	DI196	450.	16.58	309.	112.	108.	38.46		
1069	DIVERSION TO	DI197	629.	17.50	441.	155.	149.	41.09		
1070	DIVERSION TO	DI198	629.	17.50	441.	155.	149.	41.09		
1071	DIVERSION TO	1D201	2050.	15.50	1302.	375.	361.	43.14		
1072	DIVERSION TO	DI208	1339.	12.83	490.	123.	119.	12.18		
1073	DIVERSION TO	2D208	476.	13.25	118.	29.	28.	1.00		
1074	DIVERSION TO	DI209A	1541.	13.33	447.	112.	108.	14.18		
1075	DIVERSION TO	DI209	1110.	13.75	225.	56.	54.	13.18		
1076	DIVERSION TO	2D209	288.	13.58	82.	20.	20.	14.68		
1077	DIVERSION TO	DI210	0.	.08	0.	0.	0.	13.18		
1078	DIVERSION TO	2D210	222.	14.08	60.	15.	14.	16.18		
1079	DIVERSION TO	DI212	1536.	14.50	600.	150.	145.	36.34		
1080	DIVERSION TO	DI218	91.	13.08	38.	9.	9.	1.49		
1081	DIVERSION TO	1D219	626.	13.33	297.	76.	73.	14.18		
1082	DIVERSION TO	2D219	58.	13.25	13.	3.	3.	15.67		
1083	DIVERSION TO	1D220	636.	13.58	204.	52.	50.	14.68		
1084	DIVERSION TO	2D220	156.	14.58	64.	16.	16.	16.67		
1085	DIVERSION TO	1D221	550.	14.08	170.	43.	41.	16.18		
1086	DIVERSION TO	2D221	407.	14.58	131.	33.	32.	18.17		
1087	DIVERSION TO	DI225	60.	8.75	60.	53.	51.	54.67		
1088	DIVERSION TO	1D226	600.	17.42	475.	182.	175.	51.75		
1089	DIVERSION TO	2D226	0.	.08	0.	0.	0.	52.23		
1090	DIVERSION TO	DR228A	3212.	17.58	2894.	1064.	1025.	68.77		
1091	DIVERSION TO	1D230	187.	12.33	28.	7.	7.	1.02		
1092	DIVERSION TO	2D230	464.	12.25	81.	20.	20.	1.20		
1093	DIVERSION TO	DI231	172.	12.33	25.	6.	6.	1.02		
1094	DIVERSION TO	DI237	420.	13.25	131.	33.	32.	15.67		
1095	DIVERSION TO	DI238	893.	14.58	408.	114.	110.	16.67		
1096	DIVERSION TO	DI239	733.	14.58	319.	82.	79.	18.17		
1097	DIVERSION TO	DI245	1116.	12.50	162.	40.	39.	1.74		
1098	DIVERSION TO	1D248	990.	12.83	225.	56.	54.	14.08		
1099	DIVERSION TO	2D248	770.	13.42	237.	59.	57.	16.04		
1100	DIVERSION TO	DI249	325.	13.58	78.	20.	19.	26.34		
1101	DIVERSION TO	1D250	403.	13.58	116.	29.	28.	26.34		
1102	DIVERSION TO	2D250	301.	13.83	88.	22.	21.	27.84		
1103	DIVERSION TO	1D250A	306.	13.83	129.	32.	31.	27.84		
1104	DIVERSION TO	2D250A	57.	15.25	20.	5.	5.	30.34		
1105	DIVERSION TO	1D251	160.	15.25	56.	14.	13.	30.34		
1106	DIVERSION TO	2D251	1731.	16.17	888.	228.	220.	31.76		
1107	DIVERSION TO	DI256	119.	13.42	23.	6.	6.	.34		
1108	DIVERSION TO	DI259	19.	12.25	1.	0.	0.	.12		
1109	DIVERSION TO	DI261	0.	.08	0.	0.	0.	.50		
1110	DIVERSION TO	DI262	1955.	13.67	630.	158.	152.	17.54		
1111	DIVERSION TO	DI263	1024.	13.83	356.	90.	87.	18.57		
1112	DIVERSION TO	DI264	77.	14.00	24.	6.	6.	28.84		
1113	DIVERSION TO	DI265A	3.	14.58	1.	0.	0.	33.84		
1114	DIVERSION TO	1D266	276.	14.58	48.	12.	12.	33.84		
1115	DIVERSION TO	2D266	1948.	16.50	1264.	346.	333.	35.76		
1116	DIVERSION TO	DI267	415.	16.83	309.	91.	88.	36.26		
1117	DIVERSION TO	DI271A	211.	13.00	62.	16.	15.	.90		
1118	DIVERSION TO	DI272	122.	12.25	12.	3.	3.	.12		
1119	DIVERSION TO	DI277	98.	13.17	22.	5.	5.	.91		
1120	DIVERSION TO	1D278	676.	13.83	256.	64.	62.	18.57		

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
1121	DIVERSION TO	2D278	731.	14.08	297.	76.	73.	19.07		
1122	DIVERSION TO	DI280	55.	14.00	20.	5.	5.	35.86		
1123	DIVERSION TO	DI283	236.	16.75	153.	43.	42.	36.09		
1124	DIVERSION TO	DI284	1285.	16.92	973.	284.	273.	37.09		
1125	DIVERSION TO	DI289	887.	13.75	287.	78.	75.	2.57		
1126	DIVERSION TO	DI291	186.	12.92	16.	4.	4.	.55		
1127	DIVERSION TO	DI292	979.	12.92	278.	71.	68.	2.83		
1128	DIVERSION TO	2D292	682.	13.17	178.	45.	43.	4.40		
1129	DIVERSION TO	1D293	90.	12.67	17.	4.	4.	4.51		
1130	DIVERSION TO	2D293	89.	13.00	28.	7.	7.	4.77		
1131	DIVERSION TO	3D293	583.	13.25	279.	78.	75.	24.25		
1132	DIVERSION TO	1D294	31.	12.25	3.	1.	1.	24.27		
1133	DIVERSION TO	2D294	45.	12.50	8.	2.	2.	24.32		
1134	DIVERSION TO	1D294A	10.	12.25	2.	0.	0.	24.32		
1135	DIVERSION TO	2D294A	67.	12.58	12.	3.	3.	24.42		
1136	DIVERSION TO	3D294A	738.	15.67	433.	133.	128.	36.14		
1137	DIVERSION TO	DI297	220.	17.83	153.	50.	48.	36.31		
1138	DIVERSION TO	1D297A	246.	17.83	238.	94.	91.	37.89		
1139	DIVERSION TO	2D297A	274.	18.08	195.	52.	50.	37.93		
1140	DIVERSION TO	DI302	14.	20.58	13.	4.	4.	1.74		
1141	DIVERSION TO	1D303	23.	12.17	3.	1.	1.	.02		
1142	DIVERSION TO	2D303	24.	12.00	2.	0.	0.	.05		
1143	DIVERSION TO	3D303	24.	12.25	5.	1.	1.	.08		
1144	DIVERSION TO	4D303	23.	12.25	5.	1.	1.	.13		
1145	DIVERSION TO	5D303	45.	12.33	11.	3.	3.	.28		
1146	DIVERSION TO	6D303	33.	12.50	12.	3.	3.	.38		
1147	DIVERSION TO	7D303	47.	12.50	26.	7.	6.	.68		
1148	DIVERSION TO	1D303A	282.	12.83	42.	11.	10.	1.00		
1149	DIVERSION TO	D164A	117.	13.67	33.	8.	8.	7.68		
1149	DIVERSION TO	2D303A	10.	12.17	1.	0.	0.	1.01		
1150	DIVERSION TO	3D303A	23.	12.17	5.	1.	1.	1.06		
1151	DIVERSION TO	1D306	894.	13.25	300.	78.	75.	5.36		
1152	DIVERSION TO	2D306	140.	14.17	65.	17.	17.	26.05		
1153	DIVERSION TO	DI320	0.	.08	0.	0.	0.	1.89		
1154	DIVERSION TO	DI321	122.	12.58	45.	11.	11.	2.73		
1155	DIVERSION TO	DI338A	0.	.08	0.	0.	0.	2.53		
1156	DIVERSION TO	DI346C	1273.	13.50	880.	384.	370.	48.59		
1157	DIVERSION TO	DI347	0.	.08	0.	0.	0.	.34		
1158	DIVERSION TO	DI350	100.	14.92	39.	11.	10.	4.46		
1159	DIVERSION TO	DI360	315.	14.25	210.	86.	83.	38.58		
1160	DIVERSION TO	DI363	1782.	20.92	1458.	547.	527.	96.77		
1161	DIVERSION TO	DIGILA	470.	21.17	405.	167.	161.	97.93		
1162	DIVERSION TO	DI367	373.	13.50	335.	103.	99.	2.34		
1163	DIVERSION TO	DI371	1681.	19.42	1302.	492.	474.	61.07		
1164	DIVERSION TO	DI379	63.	19.42	36.	10.	10.	61.07		
1165	ROUTED TO	SRWT3	0.	.08	0.	0.	0.	20.48	1197.48	17.58
1166	ROUTED TO	SR16	0.	.08	0.	0.	0.	1.13	1215.39	24.92
1167	ROUTED TO	SR20	0.	.08	0.	0.	0.	1.07	1456.94	24.92
1168	ROUTED TO	SR21	191.	13.25	40.	12.	11.	3.46	1347.09	14.67
1169	ROUTED TO	SR23	0.	.08	0.	0.	0.	3.62	1279.06	24.92
1170	ROUTED TO	SR24	0.	.08	0.	0.	0.	.14	1217.43	13.25
1171	ROUTED TO	SR25	1374.	12.50	146.	37.	36.	5.29	1214.98	12.50
1172	ROUTED TO	SR27	1642.	12.50	205.	52.	50.	2.16	1214.44	12.50
1173	ROUTED TO	SR29	0.	.08	0.	0.	0.	.22	1168.31	13.17
1174	ROUTED TO	SR38	3220.	12.50	357.	93.	90.	4.64	1300.13	12.50
1176	ROUTED TO	SR41A1	23.	12.17	3.	1.	1.	.02	1135.75	12.17

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
1177	ROUTED TO	SR41A2	60.	12.00	3.	1.	1.	.05	1135.66	12.08
1178	ROUTED TO	SR41A3	24.	12.25	5.	1.	1.	.08	1131.18	12.25
1179	ROUTED TO	SR41A	23.	12.25	5.	1.	1.	.13	1126.26	12.25
1180	ROUTED TO	SR41-1	148.	12.33	14.	3.	3.	.28	1116.03	12.33
1181	ROUTED TO	SR41-2	33.	12.50	12.	3.	3.	.38	1101.42	12.42
1182	ROUTED TO	SR41	531.	12.50	64.	16.	16.	.68	1100.02	12.58
1183	ROUTED TO	SR42	6601.	12.75	797.	205.	198.	14.56	1102.23	12.83
1184	ROUTED TO	SR43-1	282.	12.83	42.	11.	10.	1.00	1094.94	12.83
1185	ROUTED TO	SR43-2	10.	12.17	1.	0.	0.	1.01	1093.36	12.17
1186	ROUTED TO	SR43-3	23.	12.17	5.	1.	1.	1.06	1093.79	12.17
1187	ROUTED TO	SR43-4	21.	12.17	3.	1.	1.	1.09	1094.17	12.17
1188	ROUTED TO	SR43-5	19.	12.17	2.	1.	1.	1.11	1091.68	12.17
1189	ROUTED TO	SR43-6	6.	12.17	2.	1.	1.	1.13	1089.99	12.17
1190	ROUTED TO	SR43-7	20.	12.08	2.	1.	1.	1.15	1089.50	12.08
1191	ROUTED TO	SR43-8	12.	12.08	1.	0.	0.	1.16	1086.51	12.08
1192	ROUTED TO	SR43	5503.	12.92	799.	206.	198.	13.90	1092.87	13.00
1193	ROUTED TO	SR45-1	1428.	13.00	90.	22.	22.	13.98	1086.77	13.08
1194	ROUTED TO	SR45	815.	13.17	101.	25.	24.	14.36	1084.85	13.25
1195	ROUTED TO	SR46-1	118.	13.42	33.	8.	8.	14.51	1080.94	12.50
1196	ROUTED TO	SR46	1705.	12.75	259.	65.	63.	17.43	1070.76	12.75
1197	ROUTED TO	RS47	0.	.08	0.	0.	0.	18.57	1040.07	24.92
1198	ROUTED TO	SR138	1327.	15.75	812.	261.	252.	24.02	1048.81	15.75
1199	ROUTED TO	SR139	835.	13.92	428.	118.	114.	7.22	1047.83	14.00
1200	ROUTED TO	SR158A	304.	13.75	78.	20.	20.	1.14	1115.42	13.83
1201	ROUTED TO	SR212	1337.	15.58	626.	161.	155.	36.88	1080.12	15.67
1202	ROUTED TO	SR221A	271.	14.25	95.	24.	23.	.80	1079.02	14.33
1203	ROUTED TO	SR225	84.	13.42	81.	47.	45.	.80	1063.81	13.50
1204	ROUTED TO	SR226	534.	13.08	493.	225.	217.	53.41	1077.10	18.50
1205	ROUTED TO	SR241	4245.	17.08	2888.	1083.	1043.	78.75	1048.40	17.08
1206	ROUTED TO	SR253	4102.	17.75	2881.	1101.	1061.	84.50	1026.53	17.75
1207	ROUTED TO	SR258	0.	.08	0.	0.	0.	.38	969.35	13.67
1208	ROUTED TO	SR259	0.	.08	0.	0.	0.	.32	1010.21	14.08
1209	ROUTED TO	SR268	4695.	18.00	3267.	1242.	1196.	86.28	1012.11	18.08
1210	ROUTED TO	SR269	36.	16.75	17.	5.	5.	1.25	1011.90	24.58
1211	ROUTED TO	SR270	468.	12.42	85.	22.	21.	3.09	1012.77	12.42
1212	ROUTED TO	SR271	904.	13.75	290.	79.	76.	2.57	1014.73	13.83
1213	ROUTED TO	SR271A	284.	13.42	86.	22.	21.	.59	1018.30	13.42
1214	ROUTED TO	SR271C	69.	17.42	26.	6.	6.	.79	1011.57	17.75
1215	ROUTED TO	SR272	0.	.08	0.	0.	0.	1.19	977.27	24.00
1216	ROUTED TO	SR273	1398.	12.92	323.	82.	79.	2.83	1057.40	13.00
1217	ROUTED TO	SR274	682.	13.17	178.	45.	43.	4.40	1045.57	13.25
1218	ROUTED TO	SR275	90.	12.67	17.	4.	4.	4.51	1039.57	12.67
1219	ROUTED TO	SR276	186.	13.00	38.	9.	9.	4.77	1036.06	13.00
1220	ROUTED TO	SR277	583.	13.25	279.	78.	75.	24.25	1025.94	13.25
1221	ROUTED TO	SR279A	67.	12.58	12.	3.	3.	24.42	1015.68	12.58
1222	ROUTED TO	SR279B	47.	12.25	4.	1.	1.	24.32	1020.09	12.25
1223	ROUTED TO	SR279C	45.	12.50	8.	2.	2.	24.32	1021.39	12.50
1224	ROUTED TO	SR279D	32.	12.25	3.	1.	1.	24.27	1023.59	12.25
1225	ROUTED TO	SR279	1634.	15.67	788.	224.	216.	36.14	1015.15	15.75
1226	ROUTED TO	SR280A	583.	17.67	385.	108.	104.	43.83	1008.92	17.75
1227	ROUTED TO	SR280	594.	16.83	390.	117.	112.	43.77	1009.52	16.92
1228	ROUTED TO	SR281	732.	14.00	259.	66.	64.	35.86	1008.53	14.00
1229	ROUTED TO	SR282	562.	14.58	252.	65.	63.	35.98	1002.91	14.58
1230	ROUTED TO	SR284	1259.	17.67	959.	282.	271.	37.61	1011.20	17.75
1231	ROUTED TO	SR285A	1259.	17.83	958.	283.	273.	37.89	1006.58	17.83
1232	ROUTED TO	SR285B	225.	17.75	154.	50.	48.	36.31	1009.07	17.92

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
1233 ROUTED TO	SR285	1007.	18.08	719.	190.	183.	37.93	1003.61	18.08
1234 ROUTED TO	SR287	4450.	19.58	3604.	1346.	1296.	88.27	994.06	19.67
1235 ROUTED TO	SR287A	55.	14.00	55.	27.	26.	2.42	980.87	16.58
1236 ROUTED TO	SR287B	65.	18.75	61.	25.	24.	2.78	979.95	19.67
1237 ROUTED TO	SR287C	376.	19.17	340.	125.	120.	7.10	978.78	19.58
1238 ROUTED TO	SR287D	67.	24.92	62.	25.	24.	7.83	981.50	24.92
1239 ROUTED TO	SR287E	14.	20.58	13.	4.	4.	1.74	985.23	20.25
1240 ROUTED TO	SR290	319.	12.92	64.	16.	15.	.55	996.51	12.92
1241 ROUTED TO	SR291	128.	14.33	115.	32.	31.	1.54	982.80	14.33
1242 ROUTED TO	SR293	1394.	13.58	683.	181.	174.	25.98	1007.92	13.67
1243 ROUTED TO	SR293A	1360.	14.17	641.	171.	165.	26.05	1006.10	14.25
1244 ROUTED TO	SR294	0.	.08	0.	0.	0.	24.50	977.26	18.17
1245 ROUTED TO	SR294A	729.	15.92	439.	142.	137.	36.40	1008.08	16.00
1246 ROUTED TO	SR297	0.	.08	0.	0.	0.	36.69	956.46	24.92
1247 ROUTED TO	SR298	4443.	19.92	3600.	1338.	1289.	89.11	980.27	19.92
1248 ROUTED TO	SR302	39.	12.58	21.	9.	9.	1.89	975.84	12.58
1249 ROUTED TO	SR305	615.	13.17	132.	33.	32.	.92	1003.66	13.17
1250 ROUTED TO	SR306	973.	13.50	414.	107.	103.	26.54	1005.48	13.00
1251 ROUTED TO	SR320	51.	13.25	45.	21.	20.	2.53	959.87	13.17
1252 ROUTED TO	SR321	931.	12.75	224.	58.	56.	4.60	1001.17	12.75
1253 ROUTED TO	SR323	1578.	12.58	219.	55.	53.	2.73	1001.91	12.58
1254 ROUTED TO	SR336	4897.	20.83	4012.	1515.	1459.	96.25	934.34	20.83
1255 ROUTED TO	SR336B	101.	12.17	9.	2.	2.	.08	923.48	12.17
1256 ROUTED TO	SR337	373.	13.50	335.	103.	99.	2.34	958.33	13.50
1257 ROUTED TO	SR338A	646.	12.50	86.	24.	23.	3.30	943.54	12.50
1258 ROUTED TO	SR346B	1271.	14.25	879.	367.	353.	38.58	908.81	14.33
1259 ROUTED TO	SR346C	1220.	14.25	871.	360.	347.	38.31	910.03	14.25
1260 ROUTED TO	SR347	611.	13.17	300.	88.	84.	52.98	908.16	13.17
1261 ROUTED TO	SR348	280.	12.83	49.	12.	12.	.34	908.40	12.83
1262 ROUTED TO	SR348B	645.	13.58	253.	67.	65.	1.88	914.58	13.67
1263 ROUTED TO	SR349	1416.	13.92	514.	141.	136.	6.87	895.06	14.00
1264 ROUTED TO	SR350	1374.	14.42	503.	143.	138.	8.79	889.29	14.42
1265 ROUTED TO	SR351	1003.	14.08	386.	103.	99.	4.33	894.17	14.25
1266 ROUTED TO	SR352	1144.	14.67	461.	121.	117.	3.60	892.88	14.67
1267 ROUTED TO	SR352A	897.	14.92	354.	95.	91.	4.46	891.48	15.00
1268 ROUTED TO	SR353	1288.	13.92	478.	124.	120.	3.42	898.37	16.67
1269 ROUTED TO	SR354	539.	14.17	206.	52.	51.	1.44	895.18	14.25
1270 ROUTED TO	SR355	1824.	15.25	1365.	544.	524.	48.68	895.16	15.33
1271 ROUTED TO	SR355A	0.	.08	0.	0.	0.	.04	892.56	13.92
1272 ROUTED TO	SR356	1775.	14.17	1069.	355.	342.	30.94	899.68	14.17
1273 ROUTED TO	SR358	860.	20.92	791.	219.	211.	41.02	895.47	21.33
1274 ROUTED TO	SR359	803.	15.33	655.	271.	261.	40.58	901.91	15.50
1275 ROUTED TO	SR360	940.	16.25	841.	323.	311.	40.83	895.21	16.42
1276 ROUTED TO	SR361	0.	.08	0.	0.	0.	.21	896.66	16.58
1277 ROUTED TO	SR362	4363.	22.50	3557.	1250.	1204.	119.10	902.86	22.67
1278 ROUTED TO	SR364	3110.	21.17	2554.	961.	926.	97.93	912.34	21.25
1279 ROUTED TO	SR368	221.	14.25	133.	39.	37.	1.27	917.77	14.25
1280 ROUTED TO	SR377	0.	.08	0.	0.	0.	.30	892.51	13.83
1281 ROUTED TO	SR379	1769.	21.83	1408.	538.	518.	65.96	861.15	22.17
1282 ROUTED TO	SR381	78.	13.58	16.	4.	4.	.21	866.93	13.67
1283 ROUTED TO	SR381A	0.	.08	0.	0.	0.	.10	865.43	14.50

.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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25 JD INDEX STORM NO. 5

STRM 3.70 PRECIPITATION DEPTH

TRDA 200.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

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.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
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*** FDKRUT WARNING TIME STEP CALCULATION FAILED TO CONVERGE. STABILITY PROBLEMS MAY RESULT

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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		1319							
+		1	(1342.)	12.50	175.	50.	48.	1.94		
	ROUTED TO									
+		RCP1	1114.	12.75	165.	42.	40.	1.94		
+									1430.41	12.83
	HYDROGRAPH AT		1331							
+		2	1174.	12.75	206.	58.	56.	1.82		
	2 COMBINED AT									
+		CP2	2284.	12.75	370.	100.	96.	3.76		
	ROUTED TO									
+		RCP2	2048.	12.92	358.	92.	88.	3.76		
+									1300.30	12.92
	HYDROGRAPH AT		313							
+		3A	296.	12.33	29.	7.	7.	.29		
	ROUTED TO									
+		RCP3A	229.	12.58	27.	7.	7.	.29		
									1285.89	12.58
	HYDROGRAPH AT		863							
+		3	828.	12.33	83.	21.	20.	.81		
	2 COMBINED AT									
+		I1CP3	997.	12.42	110.	28.	27.	1.10		
	2 COMBINED AT									
+		CP3	2245.	12.92	468.	119.	115.	4.86		
	DIVERSION TO									
+		DCP3	490.	12.92	60.	15.	14.	4.86		
	HYDROGRAPH AT									
+		CP3	1755.	12.92	408.	104.	100.	4.86		
	ROUTED TO									
+		RCP3	1647.	13.08	391.	98.	94.	4.86		
+									1247.36	13.08
	HYDROGRAPH AT		396							
+		4	339.	12.25	26.	7.	6.	.30		
	HYDROGRAPH AT		727							
+		5	716.	12.25	65.	18.	18.	.72		
	2 COMBINED AT									
+		CP5	1053.	12.25	90.	25.	24.	1.02		
	ROUTED TO									
+		RCP5	973.	12.33	89.	24.	23.	1.02		
+									2802.38	12.33

	HYDROGRAPH AT		946						
+		6	591.	12.08	41.	12.	11.	.45	
	2 COMBINED AT								
+		I1CP7	1289.	12.17	130.	35.	34.	1.47	
	HYDROGRAPH AT		494						
+		7	390.	12.08	28.	8.	8.	.31	
	2 COMBINED AT								
+		CP7	1668.	12.17	158.	43.	41.	1.78	
	ROUTED TO								
+		RCP7	1435.	12.33	151.	38.	36.	1.78	
+									1839.32 12.33
	HYDROGRAPH AT		1402.						
+		9	1096.	12.42	127.	36.	35.	1.40	
	2 COMBINED AT								
+		I1CP9	2527.	12.33	277.	74.	71.	3.18	
	HYDROGRAPH AT		896						
+		8	704.	12.33	73.	21.	20.	.81	
	2 COMBINED AT								
+		CP9	3227.	12.33	350.	94.	91.	3.99	
	ROUTED TO								
		RCP9	2648.	12.75	326.	81.	78.	3.99	
+									1311.10 12.75
	HYDROGRAPH AT		1357						
+		10	1173.	12.75	201.	52.	50.	2.02	
	2 COMBINED AT								
+		I1CP10	3816.	12.75	525.	133.	129.	6.01	
	2 COMBINED AT								
+		CP10	5141.	12.75	911.	230.	222.	10.87	
	DIVERSION TO								
+		DCP10	1486.	12.75	193.	48.	46.	10.87	
	HYDROGRAPH AT								
+		CP10	3655.	12.75	718.	182.	175.	10.87	
	ROUTED TO								
+		RCP10	3503.	12.92	711.	178.	171.	10.87	
+									1216.25 12.92
	HYDROGRAPH AT		[illegible]						
+		12	1149.	12.58	156.	40.	39.	1.38	
	2 COMBINED AT								
		CP12	4125.	12.83	861.	217.	209.	12.25	
	ROUTED TO								
+		RCP12	3696.	13.08	822.	205.	198.	12.25	
+									1198.97 13.08

HYDROGRAPH AT		1553							
+	11	1313.	12.50	165.	44.	43.	1.56		
ROUTED TO									
	RCP11	1011.	12.75	164.	44.	43.	1.56		
+								1224.45	12.83
HYDROGRAPH AT		1223							
+	13	1170.	12.42	137.	34.	33.	1.30		
2 COMBINED AT									
+	CP13	1743.	12.58	301.	78.	76.	2.86		
ROUTED TO									
+	RCP13	1719.	12.67	301.	78.	75.	2.86		
+								1198.03	12.67
HYDROGRAPH AT		1598							
+	14	1163.	12.33	130.	37.	35.	1.47		
ROUTED TO									
+	RCP14	1041.	12.58	130.	37.	35.	1.47		
+								1290.08	12.58
HYDROGRAPH AT		1232							
+	15	1039.	12.42	117.	32.	30.	1.26		
2 COMBINED AT									
+	I1CP15	1920.	12.50	246.	68.	66.	2.73		
HYDROGRAPH AT		1220							
+	16	1255.	12.42	155.	43.	41.	1.13		
ROUTED TO									
+	SR16	0.	.08	0.	0.	0.	1.13		
+								1215.39	24.92
2 COMBINED AT									
+	CP15	1920.	12.50	246.	68.	66.	3.86		
ROUTED TO									
+	RCP15	1453.	12.83	211.	53.	51.	3.86		
+								1227.65	12.83
HYDROGRAPH AT		1036							
+	17	929.	12.25	110.	27.	26.	1.07		
2 COMBINED AT									
+	I1CP17	1738.	12.75	321.	80.	77.	4.93		
2 COMBINED AT									
+	CP17	3428.	12.75	621.	158.	153.	7.79		
ROUTED TO									
+	RCP17	3377.	12.83	614.	154.	148.	7.79		
								1187.27	12.83
HYDROGRAPH AT		383							
+	WT3	413.	12.50	54.	14.	13.	.44		
2 COMBINED AT									
+	I1CWT3	3605.	12.83	668.	167.	161.	8.23		

	2 COMBINED AT								
+		CPWT3	6649.	12.92	1450.	362.	349.	20.48	
	ROUTED TO								
+		SRWT3	0.	.08	0.	0.	0.	20.48	
+									1197.48 17.58
	HYDROGRAPH AT								
+		101	233.	12.25	22.	5.	5.	.16	
	HYDROGRAPH AT								
+		102A	525.	12.58	73.	18.	18.	.51	
	2 COMBINED AT								
+		CP101	635.	12.50	95.	24.	23.	.67	
	ROUTED TO								
+		R101	629.	12.50	95.	24.	23.	.67	
+									1317.48 12.50
	HYDROGRAPH AT								
+		102	135.	12.42	17.	4.	4.	.10	
	2 COMBINED AT								
+		CP102	753.	12.50	112.	28.	27.	.77	
	ROUTED TO								
+		R102	763.	12.58	112.	28.	27.	.77	
									1286.98 12.58
	HYDROGRAPH AT								
+		108	478.	13.25	117.	29.	28.	.79	
	2 COMBINED AT								
+		1I108	999.	12.58	228.	57.	55.	1.56	
	HYDROGRAPH AT								
+		103	286.	12.92	55.	14.	13.	.37	
	ROUTED TO								
+		R103	267.	13.08	55.	14.	13.	.37	
+									1281.21 13.17
	2 COMBINED AT								
+		CP108	1158.	12.75	283.	71.	68.	1.93	
	ROUTED TO								
+		R108	1123.	13.25	283.	71.	68.	1.93	
+									1259.74 13.25
	HYDROGRAPH AT								
+		106	871.	12.50	111.	28.	27.	.77	
	ROUTED TO								
		R106	778.	12.67	111.	28.	27.	.77	
									1290.40 12.67
	HYDROGRAPH AT								
+		107	398.	13.08	88.	22.	21.	.60	
	2 COMBINED AT								

+		CP107	1044.	12.75	199.	50.	48.	1.37	
	ROUTED TO	R107	948.	13.17	199.	50.	48.	1.37	
									1259.52 13.25
	HYDROGRAPH AT								
+		115	379.	13.08	89.	22.	22.	.49	
	2 COMBINED AT								
+		1I115	1313.	13.17	288.	72.	69.	1.86	
	2 COMBINED AT								
+		2I115	2429.	13.17	570.	143.	137.	3.79	
	HYDROGRAPH AT								
+		111	443.	12.67	71.	18.	17.	.50	
	DIVERSION TO								
+		DI119	166.	12.67	26.	7.	6.	.50	
	HYDROGRAPH AT								
+		D111	276.	12.67	45.	11.	11.	.50	
	ROUTED TO								
+		R111	232.	13.33	45.	11.	11.	.50	
+									1306.78 13.33
	HYDROGRAPH AT								
		104	236.	12.17	20.	5.	5.	.15	
	ROUTED TO								
+		R104	89.	14.67	20.	5.	5.	.15	
+									1318.23 14.75
	HYDROGRAPH AT								
+		112	534.	13.33	138.	34.	33.	.97	
	2 COMBINED AT								
+		1I112	534.	13.33	157.	40.	38.	1.12	
	2 COMBINED AT								
+		2I112	765.	13.33	202.	51.	49.	1.62	
	HYDROGRAPH AT								
+		105	354.	12.25	34.	9.	8.	.21	
	ROUTED TO								
+		R105	316.	12.42	34.	9.	8.	.21	
+									1303.60 12.42
	2 COMBINED AT								
+		CP112	790.	13.33	236.	59.	57.	1.83	
	DIVERSION TO								
		DI120	263.	13.33	79.	20.	19.	1.83	
	HYDROGRAPH AT								
+		D112	527.	13.33	158.	40.	38.	1.83	
	DIVERSION TO								
+		1D121A	263.	13.33	79.	20.	19.	1.83	

	HYDROGRAPH AT								
+		D112	264.	13.33	79.	20.	19.	1.83	
	ROUTED TO								
+		R112	241.	13.75	79.	20.	19.	1.83	
+									1284.61 13.83
	HYDROGRAPH AT								
+		113A	409.	13.08	106.	27.	26.	.50	
	2 COMBINED AT								
+		CP113A	560.	13.08	183.	46.	45.	2.33	
	DIVERSION TO								
+		2D121A	58.	13.08	9.	2.	2.	2.33	
	HYDROGRAPH AT								
+		D113A	502.	13.08	174.	44.	42.	2.33	
	ROUTED TO								
+		R113A	444.	15.00	173.	44.	42.	2.33	
+									1277.22 15.00
	HYDROGRAPH AT								
+		113	431.	13.08	117.	29.	28.	.50	
	2 COMBINED AT								
+		CP113	556.	13.08	284.	73.	71.	2.83	
	DIVERSION TO								
+		1D122	442.	13.08	226.	58.	56.	2.83	
	HYDROGRAPH AT								
+		D113	114.	13.08	58.	15.	14.	2.83	
	ROUTED TO								
+		R113	106.	13.50	58.	15.	14.	2.83	
+									1260.36 13.50
	HYDROGRAPH AT								
+		114	326.	13.00	84.	21.	20.	.38	
	2 COMBINED AT								
+		CP114	376.	13.08	140.	36.	35.	3.21	
	DIVERSION TO								
+		2D122	96.	13.08	20.	5.	5.	3.21	
	HYDROGRAPH AT								
+		D114	280.	13.08	120.	31.	30.	3.21	
	ROUTED TO								
+		R114	278.	13.17	119.	31.	30.	3.21	
+									1251.32 13.17
	2 COMBINED AT								
+		CP115	2705.	13.17	688.	173.	167.	7.00	
	ROUTED TO								
+		R115	2541.	13.67	686.	173.	167.	7.00	
+									1240.60 13.67

	HYDROGRAPH AT								
+		D113	442.	13.08	226.	58.	56.	2.83	
	ROUTED TO								
+		R113	393.	14.50	220.	58.	56.	2.83	
+									1246.09 14.50
	HYDROGRAPH AT								
+		D114	96.	13.08	20.	5.	5.	3.21	
	ROUTED TO								
+		R114	74.	15.08	20.	5.	5.	3.21	
+									1245.41 15.25
	HYDROGRAPH AT								
+		122	552.	13.33	146.	37.	35.	.89	
	3 COMBINED AT								
+		1I122	571.	14.33	357.	99.	96.	4.10	
	2 COMBINED AT								
+		CP122	2976.	13.58	1041.	273.	263.	7.89	
	DIVERSION TO								
+		DI134	2643.	13.58	949.	243.	234.	7.89	
	HYDROGRAPH AT								
+		D122	332.	13.58	94.	29.	28.	7.89	
	ROUTED TO								
+		R122	308.	14.42	93.	28.	27.	7.89	
+									1218.70 14.50
	HYDROGRAPH AT								
+		D111	166.	12.67	26.	7.	6.	.50	
	ROUTED TO								
+		R111	136.	13.33	26.	7.	6.	.50	
+									1300.65 13.42
	HYDROGRAPH AT								
+		119	600.	13.17	143.	36.	34.	.86	
	2 COMBINED AT								
+		CP119	706.	13.17	169.	42.	41.	1.36	
	DIVERSION TO								
+		DI128	410.	13.17	98.	25.	24.	1.36	
	HYDROGRAPH AT								
+		D119	296.	13.17	70.	18.	17.	1.36	
	ROUTED TO								
+		R119	270.	13.58	70.	18.	17.	1.36	
									1289.28 13.67
	HYDROGRAPH AT								
+		119A	356.	13.17	91.	23.	22.	.47	
	2 COMBINED AT								
+		CP119A	533.	13.25	161.	40.	39.	1.83	

	DIVERSION TO								
+		DI130	0.	.08	0.	0.	0.	1.83	
	HYDROGRAPH AT								
+		D119A	533.	13.25	161.	40.	39.	1.83	
	ROUTED TO								
+		R119A	531.	13.50	161.	40.	39.	1.83	
+									1277.42 13.50
	HYDROGRAPH AT								
+		120	397.	13.25	106.	27.	26.	.54	
	2 COMBINED AT								
+		1I120	895.	13.33	266.	67.	64.	2.37	
	HYDROGRAPH AT								
+		D112	263.	13.33	79.	20.	19.	1.83	
	ROUTED TO								
+		R112	239.	13.83	78.	20.	19.	1.83	
+									1281.02 13.83
	2 COMBINED AT								
+		CP120	1056.	13.33	342.	86.	83.	4.20	
	ROUTED TO								
+		R120	1023.	13.92	341.	86.	83.	4.20	
									1262.77 13.92
	HYDROGRAPH AT								
+		D119	410.	13.17	98.	25.	24.	1.36	
	ROUTED TO								
+		R119	383.	13.50	98.	25.	24.	1.36	
+									1288.25 13.50
	HYDROGRAPH AT								
+		128	312.	12.92	59.	15.	14.	.41	
	2 COMBINED AT								
+		CP128	537.	13.25	158.	39.	38.	1.77	
	ROUTED TO								
+		R128	538.	14.42	157.	39.	38.	1.77	
+									1266.46 14.50
	HYDROGRAPH AT								
+		D119A	0.	.08	0.	0.	0.	1.83	
	ROUTED TO								
+		R119A	0.	.08	0.	0.	0.	1.83	
+									1266.00 .00
	HYDROGRAPH AT								
		130	647.	13.25	172.	43.	41.	1.00	
	3 COMBINED AT								
+		1I130	715.	14.42	323.	82.	79.	3.24	
	HYDROGRAPH AT								

+		129	378.	12.67	61.	16.	15.	.43	
	ROUTED TO								
		R129	315.	13.25	61.	16.	15.	.43	
									1264.94 13.33
	3 COMBINED AT								
+		CP130	1703.	13.42	724.	184.	178.	5.54	
	DIVERSION TO								
+		DI144	795.	13.42	242.	61.	58.	5.54	
	HYDROGRAPH AT								
+		D130	908.	13.42	481.	124.	119.	5.54	
	ROUTED TO								
+		R130	907.	13.75	480.	124.	119.	5.54	
+									1231.00 13.67
	HYDROGRAPH AT								
+		131A	354.	13.08	79.	20.	19.	.49	
	2 COMBINED AT								
+		CP131A	1102.	13.58	553.	143.	138.	6.03	
	ROUTED TO								
+		R131A	1098.	13.75	552.	143.	138.	6.03	
+									1231.13 13.75
	HYDROGRAPH AT								
		131	355.	13.08	79.	20.	19.	.49	
	2 COMBINED AT								
+		1I131	1274.	13.58	621.	163.	157.	6.52	
	HYDROGRAPH AT								
+		D112	263.	13.33	79.	20.	19.	1.83	
	ROUTED TO								
+		R112	247.	13.67	78.	20.	19.	1.83	
+									1260.84 13.67
	HYDROGRAPH AT								
+		121A	324.	12.92	60.	15.	14.	.50	
	2 COMBINED AT								
+		1I121A	465.	12.92	137.	35.	33.	2.33	
	HYDROGRAPH AT								
+		D113A	58.	13.08	9.	2.	2.	2.33	
	ROUTED TO								
+		R113A	40.	14.25	9.	2.	2.	2.33	
+									1276.14 14.25
	2 COMBINED AT								
		CP121A	465.	12.92	146.	37.	36.	2.83	
	ROUTED TO								
+		R121A	434.	13.08	146.	37.	36.	2.83	
+									1277.29 13.08

	HYDROGRAPH AT								
+		121	325.	12.92	60.	15.	14.	.50	
	2 COMBINED AT								
		CP121	708.	13.00	205.	52.	50.	3.33	
	ROUTED TO								
+		R121	642.	13.50	202.	52.	50.	3.33	
+									1238.99 13.50
	2 COMBINED AT								
+		CP131	1909.	13.50	822.	215.	207.	8.52	
	DIVERSION TO								
+		DI145	1550.	13.50	665.	172.	166.	8.52	
	HYDROGRAPH AT								
+		D131	359.	13.50	157.	42.	41.	8.52	
	ROUTED TO								
+		R131	352.	13.83	157.	42.	41.	8.52	
+									1219.27 13.83
	HYDROGRAPH AT								
+		132	271.	13.00	56.	14.	13.	.41	
	2 COMBINED AT								
+		CP132	460.	13.58	208.	56.	54.	8.93	
	ROUTED TO								
		R132	451.	13.92	206.	56.	54.	8.93	
+									1212.90 14.00
	HYDROGRAPH AT								
+		133	328.	13.08	71.	18.	17.	.49	
	2 COMBINED AT								
+		1I133	579.	13.42	270.	74.	71.	9.42	
	2 COMBINED AT								
+		CP133	725.	14.33	354.	101.	97.	14.48	
	DIVERSION TO								
+		DI146	290.	14.33	141.	40.	39.	14.48	
	HYDROGRAPH AT								
+		D133	435.	14.33	213.	61.	59.	14.48	
	DIVERSION TO								
+		1D147	145.	14.33	71.	20.	19.	14.48	
	HYDROGRAPH AT								
+		D133	291.	14.33	142.	41.	39.	14.48	
	ROUTED TO								
		R133	281.	14.58	142.	40.	39.	14.48	
									1201.03 14.67
	HYDROGRAPH AT								
+		D122	2643.	13.58	949.	243.	234.	7.89	
	ROUTED TO								

+		R122	2572.	14.00	941.	243.	234.	7.89	
+								1210.05	14.00
	HYDROGRAPH AT	134	334.	13.08	73.	18.	18.	.50	
	2 COMBINED AT								
+		1I134	2655.	14.00	980.	262.	252.	8.39	
	HYDROGRAPH AT								
+		123	338.	13.00	74.	18.	18.	.44	
	DIVERSION TO								
+		DI124	338.	13.00	74.	18.	18.	.44	
	HYDROGRAPH AT								
+		D123	0.	.08	0.	0.	0.	.44	
	ROUTED TO								
+		R123	0.	.08	0.	0.	0.	.44	
+								1208.00	.00
	2 COMBINED AT								
+		2I134	2655.	14.00	980.	262.	252.	8.83	
	2 COMBINED AT								
+		CP134	2847.	14.00	1106.	298.	287.	15.42	
	DIVERSION TO								
		2D147	2060.	14.00	741.	193.	186.	15.42	
	HYDROGRAPH AT								
+		D134	787.	14.00	365.	105.	101.	15.42	
	ROUTED TO								
+		R134	771.	14.17	365.	105.	101.	15.42	
+								1190.27	14.17
	HYDROGRAPH AT								
+		D123	338.	13.00	74.	18.	18.	.44	
	ROUTED TO								
+		R123	311.	13.33	74.	18.	18.	.44	
+								1210.86	13.33
	HYDROGRAPH AT								
+		124	355.	13.33	97.	24.	23.	.57	
	2 COMBINED AT								
+		CP124	665.	13.33	171.	43.	41.	1.01	
	DIVERSION TO								
+		DI136	308.	13.33	87.	22.	21.	1.01	
	HYDROGRAPH AT								
		D124	356.	13.33	83.	21.	20.	1.01	
	DIVERSION TO								
+		DI125	200.	13.33	56.	14.	14.	1.01	
	HYDROGRAPH AT								
+		D124	157.	13.33	27.	7.	6.	1.01	

	ROUTED TO								
+	R124	129.	14.00	27.	7.	6.	1.01		
								1194.64	14.08
	2 COMBINED AT								
+	1I135	885.	14.17	391.	112.	107.	15.63		
	HYDROGRAPH AT								
+	135	315.	13.17	72.	18.	17.	.49		
	2 COMBINED AT								
+	CP135	970.	14.08	449.	129.	124.	16.48		
	DIVERSION TO								
+	DI148	172.	14.08	52.	13.	13.	16.48		
	HYDROGRAPH AT								
+	D135	798.	14.08	396.	116.	112.	16.48		
	ROUTED TO								
+	R135	781.	14.33	395.	115.	111.	16.48		
+								1177.48	14.33
	HYDROGRAPH AT								
+	D124	308.	13.33	87.	22.	21.	1.01		
	ROUTED TO								
+	R124	297.	14.92	81.	22.	21.	1.01		
								1192.36	15.00
	HYDROGRAPH AT								
+	136	315.	13.08	69.	17.	17.	.46		
	2 COMBINED AT								
+	1I136	315.	13.08	139.	39.	37.	1.47		
	2 COMBINED AT								
+	CP136	931.	14.92	523.	154.	148.	16.94		
	ROUTED TO								
+	R136	868.	15.25	520.	153.	147.	16.94		
+								1164.99	15.33
	HYDROGRAPH AT								
+	137	307.	13.42	85.	21.	20.	.54		
	2 COMBINED AT								
+	1I137	907.	13.50	590.	174.	167.	17.12		
	HYDROGRAPH AT								
+	100A	212.	12.50	31.	8.	7.	.18		
	ROUTED TO								
+	R100A	101.	14.83	30.	8.	7.	.18		
								1278.43	14.92
	HYDROGRAPH AT								
+	100	283.	12.58	45.	11.	11.	.26		
	2 COMBINED AT								
+	CP100	283.	12.58	70.	19.	18.	.44		

	ROUTED TO								
+		R100	150.	14.75	61.	18.	17.	.44	
								1278.54	14.83
	HYDROGRAPH AT								
+		109	536.	13.25	140.	35.	34.	.85	
	2 COMBINED AT								
+		CP109	535.	13.25	184.	53.	51.	1.29	
	ROUTED TO								
+		R109	475.	14.00	178.	52.	50.	1.29	
+								1242.88	14.00
	HYDROGRAPH AT								
+		116	575.	13.50	166.	41.	40.	1.02	
	2 COMBINED AT								
+		CP116	892.	13.75	331.	93.	90.	2.31	
	ROUTED TO								
+		R116	885.	14.00	330.	93.	89.	2.31	
+								1219.42	14.00
	HYDROGRAPH AT								
+		110	270.	12.83	51.	13.	12.	.31	
	ROUTED TO								
		R110	228.	13.50	51.	13.	12.	.31	
								1222.54	13.58
	HYDROGRAPH AT								
+		117	335.	12.83	63.	17.	16.	.41	
	2 COMBINED AT								
+		1I117	359.	13.33	114.	30.	29.	.72	
	2 COMBINED AT								
+		2I117	1104.	13.83	439.	122.	118.	3.03	
	HYDROGRAPH AT								
+		117A	195.	12.83	38.	9.	9.	.21	
	ROUTED TO								
+		R117A	182.	13.08	38.	9.	9.	.21	
+								1212.58	13.08
	2 COMBINED AT								
+		CP117	1172.	13.75	476.	131.	127.	3.24	
	ROUTED TO								
+		R117	1148.	14.08	474.	131.	126.	3.24	
+								1197.61	14.08
	HYDROGRAPH AT								
		125	1044.	12.50	134.	33.	32.	1.00	
	2 COMBINED AT								
+		1I125	1148.	14.08	598.	164.	158.	4.24	
	HYDROGRAPH AT								

+		D124	200.	13.33	56.	14.	14.	1.01		
	ROUTED TO									
		R124	189.	13.83	56.	14.	14.	1.01		
									1194.82	13.83
	2 COMBINED AT									
+		CP125	1318.	14.08	654.	178.	171.	5.25		
	DIVERSION TO									
+		DI126	439.	14.08	218.	59.	57.	5.25		
	HYDROGRAPH AT									
+		D125	879.	14.08	436.	119.	114.	5.25		
	DIVERSION TO									
+		DI138	439.	14.08	218.	59.	57.	5.25		
	HYDROGRAPH AT									
+		D125	440.	14.08	218.	59.	57.	5.25		
	ROUTED TO									
+		R125	428.	14.58	215.	59.	57.	5.25		
+									1170.61	14.58
	2 COMBINED AT									
+		CP137	1306.	14.50	795.	230.	221.	21.72		
	DIVERSION TO									
		DI149	435.	14.50	265.	76.	74.	21.72		
	HYDROGRAPH AT									
+		D137	870.	14.50	530.	153.	147.	21.72		
	DIVERSION TO									
+		DI153	435.	14.50	265.	76.	74.	21.72		
	HYDROGRAPH AT									
+		D137	435.	14.50	265.	77.	74.	21.72		
	ROUTED TO									
+		R137	421.	15.58	259.	75.	72.	21.72		
+									1157.37	15.58
	HYDROGRAPH AT									
+		118	126.	12.83	23.	6.	6.	.15		
	ROUTED TO									
+		R118	101.	14.00	23.	6.	6.	.15		
+									1190.36	14.00
	HYDROGRAPH AT									
+		126	562.	13.33	146.	36.	35.	.95		
	2 COMBINED AT									
		1I126	563.	13.33	169.	42.	41.	1.10		
	HYDROGRAPH AT									
+		D125	439.	14.08	218.	59.	57.	5.25		
	ROUTED TO									
+		R125	433.	14.25	216.	59.	57.	5.25		

							1177.89	14.33
2 COMBINED AT	CP126	856.	13.33	381.	101.	98.	6.35	
DIVERSION TO	DI139	685.	13.33	305.	81.	78.	6.35	
HYDROGRAPH AT	D126	171.	13.33	76.	20.	20.	6.35	
ROUTED TO	R126	162.	14.33	75.	20.	19.	6.35	1160.50 14.50
HYDROGRAPH AT	D125	439.	14.08	218.	59.	57.	5.25	
ROUTED TO	R125	419.	15.75	198.	55.	53.	5.25	1170.49 15.83
HYDROGRAPH AT	138	587.	13.33	155.	39.	37.	1.00	
2 COMBINED AT	1I138	586.	13.33	312.	93.	90.	6.25	
2 COMBINED AT	2I138	613.	13.42	385.	113.	109.	7.35	
2 COMBINED AT	CP138	934.	15.58	596.	184.	177.	23.82	
HYDROGRAPH AT	D137	435.	14.50	265.	76.	74.	21.72	
ROUTED TO	R137	421.	16.17	245.	71.	68.	21.72	1155.48 16.17
HYDROGRAPH AT	153	112.	13.33	30.	7.	7.	.20	
2 COMBINED AT	CP153	423.	16.17	246.	78.	75.	21.92	
2 COMBINED AT	CP138	1329.	15.50	812.	261.	252.	24.02	
ROUTED TO	SR138	1327.	15.75	812.	261.	252.	24.02	1048.81 15.75
DIVERSION TO	DI154	849.	15.75	529.	172.	166.	24.02	
HYDROGRAPH AT	D138	477.	15.75	283.	89.	86.	24.02	
ROUTED TO	R138	468.	16.67	280.	86.	83.	24.02	

+								1136.74	16.75
	HYDROGRAPH AT								
		D138	849.	15.75	529.	172.	166.	24.02	
	ROUTED TO								
+		R138	845.	16.33	528.	168.	162.	24.02	
+								1145.75	16.42
	HYDROGRAPH AT								
+		154	171.	12.58	26.	7.	6.	.17	
	2 COMBINED AT								
+		CP154	845.	16.33	529.	175.	168.	24.19	
	ROUTED TO								
+		R154	829.	17.25	526.	167.	161.	24.19	
+								1137.20	17.42
	HYDROGRAPH AT								
+		157	946.	12.58	150.	37.	36.	.89	
	2 COMBINED AT								
+		1I157	919.	12.58	526.	204.	196.	25.08	
	2 COMBINED AT								
+		2I157	1258.	17.17	798.	289.	279.	25.08	
	HYDROGRAPH AT								
		127	469.	12.08	42.	12.	11.	.22	
	ROUTED TO								
+		R127	255.	13.42	42.	12.	11.	.22	
+								1154.58	13.42
	HYDROGRAPH AT								
+		139	338.	13.08	77.	19.	19.	.47	
	2 COMBINED AT								
+		1I139	521.	13.33	119.	31.	30.	.69	
	HYDROGRAPH AT								
+		D126	685.	13.33	305.	81.	78.	6.35	
	ROUTED TO								
+		R126	660.	14.42	297.	80.	77.	6.35	
+								1154.96	14.33
	2 COMBINED AT								
+		2I139	832.	13.83	399.	111.	107.	7.04	
	HYDROGRAPH AT								
+		140	194.	12.67	32.	8.	8.	.18	
	2 COMBINED AT								
		CP139	843.	13.83	429.	119.	115.	7.22	
	ROUTED TO								
+		SR139	835.	13.92	428.	118.	114.	7.22	
+								1047.83	14.00
	ROUTED TO								

+	R139	819.	14.25	427.	118.	113.	7.22		
+								1144.21	14.33
HYDROGRAPH AT									
	156	252.	12.75	46.	12.	12.	.30		
2 COMBINED AT									
+	CP156	829.	14.25	462.	130.	125.	7.52		
ROUTED TO									
+	R156	792.	15.58	455.	126.	122.	7.52		
+								1132.59	15.67
2 COMBINED AT									
+	CP157	1771.	17.00	1228.	411.	396.	26.25		
ROUTED TO									
+	R157	1768.	17.08	1227.	409.	394.	26.25		
+								1115.58	17.17
HYDROGRAPH AT									
+	172	122.	12.58	18.	5.	4.	.12		
2 COMBINED AT									
+	CP172	1768.	17.08	1227.	413.	398.	26.37		
ROUTED TO									
+	R172	1754.	17.42	1224.	410.	395.	26.37		
+								1108.96	17.50
HYDROGRAPH AT									
+	173	198.	13.00	39.	10.	9.	.31		
2 COMBINED AT									
+	CP173	1753.	17.42	1224.	419.	404.	26.68		
HYDROGRAPH AT									
+	156A	508.	12.17	46.	13.	13.	.31		
ROUTED TO									
+	R156A	184.	14.17	45.	13.	13.	.31		
+								1116.32	14.33
HYDROGRAPH AT									
+	158	494.	13.08	108.	29.	28.	.97		
2 COMBINED AT									
+	1I158	497.	13.08	148.	42.	40.	1.28		
HYDROGRAPH AT									
+	158C	105.	12.58	17.	4.	4.	.09		
ROUTED TO									
+	R158C	53.	14.33	16.	4.	4.	.09		
+								1060.33	14.42
HYDROGRAPH AT									
+	158B	483.	13.00	104.	28.	27.	.67		
2 COMBINED AT									
+	CP158B	483.	13.00	119.	33.	31.	.76		

	ROUTED TO								
+		R158B	465.	13.17	119.	32.	31.	.76	
+									1123.67	13.17
	HYDROGRAPH AT								
		158A	114.	13.25	26.	6.	6.	.38	
	2 COMBINED AT								
+		CP158A	577.	13.17	145.	39.	37.	1.14	
	ROUTED TO								
+		SR158A	304.	13.75	78.	20.	20.	1.14	
+									1115.42	13.83
	DIVERSION TO								
+		DI158A	0.	.08	0.	0.	0.	1.14	
	HYDROGRAPH AT								
+		D158A	304.	13.75	78.	20.	20.	1.14	
	ROUTED TO								
+		R158A	298.	14.08	76.	20.	19.	1.14	
+									1115.49	14.25
	2 COMBINED AT								
+		CP158	557.	14.17	219.	62.	60.	2.42	
	ROUTED TO								
+		R158	494.	14.67	217.	61.	59.	2.42	
									1111.31	13.50
	HYDROGRAPH AT								
+		173B	88.	12.83	14.	4.	3.	.20	
	2 COMBINED AT								
+		CP173B	496.	14.58	229.	65.	63.	2.62	
	HYDROGRAPH AT								
+		158E	767.	12.17	70.	20.	19.	.45	
	ROUTED TO								
+		R158E	679.	12.42	70.	20.	19.	.45	
+									1150.10	12.33
	HYDROGRAPH AT								
+		158D	560.	12.25	55.	15.	15.	.37	
	2 COMBINED AT								
+		RC158D	1149.	12.33	125.	35.	34.	.82	
	ROUTED TO								
+		RR158D	578.	13.25	125.	35.	34.	.82	
+									1125.26	13.25
	HYDROGRAPH AT								
		D158A	0.	.08	0.	0.	0.	1.14	
	2 COMBINED AT								
+		RC158A	578.	13.25	125.	35.	34.	1.96	
	ROUTED TO								
+		RR158A	385.	14.50	125.	35.	33.	1.96	

+								1100.17	14.50
	2 COMBINED AT	RC173B	880.	14.58	354.	99.	96.	3.44	
+	2 COMBINED AT	RCP173	1826.	17.33	1460.	512.	493.	30.12	
+	ROUTED TO	RR173	1819.	17.50	1454.	510.	491.	30.12	
+								1091.68	17.58
+	HYDROGRAPH AT	171	409.	13.42	115.	29.	28.	.70	
+	ROUTED TO	R171	388.	13.67	115.	29.	28.	.70	
+								1102.78	13.67
+	HYDROGRAPH AT	173A	191.	12.75	34.	8.	8.	.20	
+	2 COMBINED AT	CP173A	421.	13.58	148.	37.	36.	.90	
+	2 COMBINED AT	RC173A	1822.	17.42	1563.	545.	525.	31.02	
	ROUTED TO	RR173A	1802.	17.75	1536.	537.	517.	31.02	
								1082.67	17.92
+	HYDROGRAPH AT	186	187.	13.25	48.	12.	12.	.33	
+	ROUTED TO	R186	173.	13.67	48.	12.	12.	.33	
+								1094.85	13.67
+	HYDROGRAPH AT	187	81.	12.00	5.	1.	1.	.35	
+	2 COMBINED AT	CP187	173.	13.67	52.	13.	13.	.68	
+	2 COMBINED AT	RCP187	1801.	17.75	1570.	549.	529.	31.70	
+	ROUTED TO	RR187	1787.	18.08	1542.	540.	520.	31.70	
+								1070.67	18.25
+	HYDROGRAPH AT	199	74.	13.08	16.	4.	4.	.11	
+	ROUTED TO	R199	65.	13.67	16.	4.	4.	.11	
								1076.16	13.67
+	HYDROGRAPH AT	200	231.	12.67	37.	9.	9.	.29	

	DIVERSION TO								
+		DI197	629.	17.50	441.	155.	149.	41.09	
	HYDROGRAPH AT								
+		D184	945.	17.50	663.	233.	224.	41.09	
	DIVERSION TO								
+		DI198	629.	17.50	441.	155.	149.	41.09	
	HYDROGRAPH AT								
+		D184	316.	17.50	222.	78.	75.	41.09	
	ROUTED TO								
+		R184	310.	17.92	221.	76.	73.	41.09	
+									1092.84 18.08
	HYDROGRAPH AT								
+		170	301.	12.67	53.	14.	13.	.29	
	ROUTED TO								
+		R170	237.	13.75	52.	14.	13.	.29	
+									1100.46 13.75
	HYDROGRAPH AT								
+		185	465.	13.08	103.	26.	25.	.69	
	2 COMBINED AT								
+		1I185	487.	13.58	154.	39.	38.	.98	
	2 COMBINED AT								
+		CP185	552.	13.67	312.	113.	109.	42.07	
	ROUTED TO								
+		R185	426.	15.25	292.	103.	99.	42.07	
+									1083.78 15.25
	HYDROGRAPH AT								
+		D184	629.	17.50	441.	155.	149.	41.09	
	ROUTED TO								
+		R184	609.	19.17	439.	136.	131.	41.09	
+									1083.86 19.33
	HYDROGRAPH AT								
+		198	494.	13.42	140.	35.	34.	.91	
	2 COMBINED AT								
+		1I198	609.	19.17	440.	169.	163.	42.00	
	2 COMBINED AT								
+		2I198	846.	19.25	693.	271.	261.	42.98	
	HYDROGRAPH AT								
+		D184	629.	17.50	441.	155.	149.	41.09	
	ROUTED TO								
+		R184	612.	18.33	440.	146.	141.	41.09	
+									1086.53 18.50
	HYDROGRAPH AT								
+		197	524.	13.50	150.	38.	36.	1.00	

	2 COMBINED AT								
+		CP200	231.	12.67	53.	13.	13.	.40	
	2 COMBINED AT								
		RCP200	1786.	18.08	1550.	552.	532.	32.10	
	ROUTED TO								
+		RR200	1780.	18.25	1538.	546.	526.	32.10	
+									1060.67 18.42
	HYDROGRAPH AT								
+		141	460.	12.33	47.	12.	11.	.47	
	ROUTED TO								
+		R141	456.	12.42	47.	12.	11.	.47	
+									1189.25 12.42
	HYDROGRAPH AT								
+		141A	202.	12.17	14.	4.	3.	.14	
	2 COMBINED AT								
+		CP141A	540.	12.33	61.	15.	15.	.62	
	ROUTED TO								
+		R141A	504.	12.50	61.	15.	15.	.62	
+									1271.42 12.50
	HYDROGRAPH AT								
+		142	351.	13.00	74.	18.	18.	.51	
	2 COMBINED AT								
+		CP142	692.	12.50	134.	34.	32.	1.13	
	ROUTED TO								
+		R142	656.	12.92	134.	34.	32.	1.13	
+									1246.39 12.92
	HYDROGRAPH AT								
+		143	354.	13.00	75.	19.	18.	.50	
	2 COMBINED AT								
+		CP143	992.	13.00	209.	52.	50.	1.63	
	ROUTED TO								
+		R143	973.	13.08	209.	52.	50.	1.63	
+									1234.07 13.08
	HYDROGRAPH AT								
+		D130	795.	13.42	242.	61.	58.	5.54	
	ROUTED TO								
+		R130	772.	14.00	242.	61.	58.	5.54	
+									1239.17 14.00
	HYDROGRAPH AT								
		144	351.	13.00	74.	18.	18.	.51	
	2 COMBINED AT								
+		1I144	858.	13.83	316.	79.	76.	6.05	
	2 COMBINED AT								
+		CP144	1398.	13.67	524.	131.	126.	7.68	

	DIVERSION TO								
+		D164A	117.	13.67	33.	8.	8.	7.68	
	HYDROGRAPH AT								
		D144	1281.	13.67	492.	123.	119.	7.68	
	ROUTED TO								
+		R144	1264.	13.92	491.	123.	119.	7.68	
+									1215.64 13.92
	HYDROGRAPH AT								
+		145A	327.	13.08	73.	18.	18.	.49	
	2 COMBINED AT								
+		CP145A	1467.	13.25	563.	141.	136.	8.17	
	ROUTED TO								
+		R145A	1440.	13.50	562.	141.	136.	8.17	
+									1215.73 13.50
	HYDROGRAPH AT								
+		D131	1550.	13.50	665.	172.	166.	8.52	
	ROUTED TO								
+		R131	1510.	14.08	659.	172.	166.	8.52	
+									1213.66 14.08
	HYDROGRAPH AT								
+		145	328.	13.08	72.	18.	17.	.48	
	2 COMBINED AT								
+		1I145	1590.	14.00	708.	190.	183.	9.00	
	2 COMBINED AT								
+		CP145	2946.	14.00	1263.	330.	318.	11.63	
	DIVERSION TO								
+		DI164	991.	14.00	315.	79.	76.	11.63	
	HYDROGRAPH AT								
+		D145	1954.	14.00	948.	251.	242.	11.63	
	DIVERSION TO								
+		DI165	868.	14.00	365.	91.	88.	11.63	
	HYDROGRAPH AT								
+		D145	1086.	14.00	583.	160.	154.	11.63	
	ROUTED TO								
+		R145	1076.	14.25	580.	159.	154.	11.63	
+									1187.85 14.33
	HYDROGRAPH AT								
+		D133	290.	14.33	141.	40.	39.	14.48	
	ROUTED TO								
+		R133	273.	14.83	140.	40.	39.	14.48	
+									1186.76 14.92
	HYDROGRAPH AT								
+		146	548.	13.17	130.	33.	31.	.90	

	2 COMBINED AT								
+		1I146	629.	13.25	259.	72.	69.	15.02	
	2 COMBINED AT								
+		CP146	1441.	14.08	813.	229.	221.	18.49	
	ROUTED TO								
+		R146	1423.	14.50	809.	228.	219.	18.49	
+									1159.77 14.50
	HYDROGRAPH AT								
+		159	531.	12.33	51.	13.	12.	.58	
	ROUTED TO								
+		R159	525.	12.42	51.	13.	12.	.58	
+									1265.38 12.42
	HYDROGRAPH AT								
+		160	432.	12.42	47.	12.	11.	.39	
	2 COMBINED AT								
+		CP160	955.	12.42	98.	25.	24.	.97	
	ROUTED TO								
+		R160	847.	12.58	98.	25.	24.	.97	
+									1257.38 12.58
	HYDROGRAPH AT								
+		161	294.	13.00	58.	14.	14.	.50	
	2 COMBINED AT								
+		CP161	1032.	12.58	156.	39.	38.	1.47	
	ROUTED TO								
+		R161	877.	13.08	156.	39.	38.	1.47	
+									1221.36 13.08
	HYDROGRAPH AT								
+		162	268.	12.50	34.	8.	8.	.25	
	ROUTED TO								
+		R162	197.	13.17	34.	8.	8.	.25	
+									1220.78 13.17
	HYDROGRAPH AT								
+		163	551.	12.92	112.	28.	27.	.75	
	2 COMBINED AT								
+		1I163	726.	13.00	146.	36.	35.	1.00	
	2 COMBINED AT								
+		CP163	1575.	13.00	301.	75.	72.	2.47	
	DIVERSION TO								
		DI176A	0.	.08	0.	0.	0.	2.47	
	HYDROGRAPH AT								
+		D163	1575.	13.00	301.	75.	72.	2.47	
	ROUTED TO								
+		R163	1535.	13.17	301.	75.	72.	2.47	

+								1183.97	13.17
	HYDROGRAPH AT								
+		D144	117.	13.67	33.	8.	8.	7.68	
	ROUTED TO								
+		R144	100.	15.83	33.	8.	8.	7.68	
+								1202.22	16.00
	HYDROGRAPH AT								
+		164A	365.	13.08	82.	20.	20.	.49	
	2 COMBINED AT								
+		1I164A	364.	13.08	104.	28.	27.	8.17	
	2 COMBINED AT								
+		CP164A	1865.	13.17	403.	103.	99.	10.64	
	ROUTED TO								
+		R164A	1839.	13.25	403.	103.	99.	10.64	
+								1184.16	13.33
	HYDROGRAPH AT								
+		164	363.	13.08	81.	20.	20.	.49	
	2 COMBINED AT								
+		1I164	2141.	13.25	480.	123.	119.	11.13	
	HYDROGRAPH AT								
+		D145	991.	14.00	315.	79.	76.	11.63	
	ROUTED TO								
+		R145	969.	14.42	315.	79.	76.	11.63	
+								1185.16	14.42
	2 COMBINED AT								
+		CP164	2141.	13.25	790.	202.	194.	15.08	
	DIVERSION TO								
+		DI177	294.	13.25	93.	24.	23.	15.08	
	HYDROGRAPH AT								
+		D164	1822.	13.25	687.	176.	169.	15.08	
	ROUTED TO								
+		R164	1682.	13.67	683.	176.	169.	15.08	
+								1159.78	13.75
	HYDROGRAPH AT								
+		D145	868.	14.00	365.	91.	88.	11.63	
	ROUTED TO								
+		R145	843.	15.25	351.	91.	88.	11.63	
+								1175.88	15.33
	HYDROGRAPH AT								
		165	548.	13.25	133.	33.	32.	.90	
	2 COMBINED AT								
+		1I165	858.	15.17	434.	124.	119.	12.53	
	2 COMBINED AT								

+		2I165	2031.	13.67	1106.	298.	287.	15.98		
	2 COMBINED AT									
+		CP165	3187.	15.08	1882.	520.	501.	22.84		
	ROUTED TO									
+		R165	3090.	15.42	1873.	518.	499.	22.84		
+									1135.50	15.50
	HYDROGRAPH AT									
+		D163	0.	.08	0.	0.	0.	2.47		
	ROUTED TO									
+		R163	0.	.08	0.	0.	0.	2.47		
+									1196.00	.00
	HYDROGRAPH AT									
+		176A	378.	13.25	92.	23.	22.	.62		
	2 COMBINED AT									
+		CP176A	378.	13.25	92.	23.	22.	3.09		
	DIVERSION TO									
+		DI191	0.	.08	0.	0.	0.	3.09		
	HYDROGRAPH AT									
+		D176A	378.	13.25	92.	23.	22.	3.09		
	ROUTED TO									
+		R176A	351.	13.50	92.	23.	22.	3.09		
									1168.74	13.50
	HYDROGRAPH AT									
+		177A	334.	13.08	73.	18.	17.	.49		
	2 COMBINED AT									
+		CP177A	581.	13.17	165.	41.	40.	3.58		
	ROUTED TO									
+		R177A	576.	13.50	165.	41.	40.	3.58		
+									1168.94	13.50
	HYDROGRAPH AT									
+		177	336.	13.08	73.	18.	18.	.49		
	2 COMBINED AT									
+		1I177	814.	13.33	237.	59.	57.	4.07		
	HYDROGRAPH AT									
+		D164	294.	13.25	93.	24.	23.	15.08		
	ROUTED TO									
+		R164	258.	13.92	92.	24.	23.	15.08		
+									1159.16	14.00
	2 COMBINED AT									
		CP177	902.	13.75	321.	82.	79.	16.68		
	ROUTED TO									
+		R177	886.	13.92	320.	82.	79.	16.68		
+									1145.40	13.92

HYDROGRAPH AT									
+	178	298.	13.08	64.	16.	15.	.44		
2 COMBINED AT									
	CP178	993.	13.42	382.	97.	94.	17.12		
ROUTED TO									
+	R178	989.	13.92	380.	97.	94.	17.12		
+								1133.19	13.75
HYDROGRAPH AT									
+	179	333.	13.08	76.	19.	18.	.46		
2 COMBINED AT									
+	1I179	1156.	13.58	448.	116.	111.	17.58		
2 COMBINED AT									
+	CP179	3923.	14.17	2252.	630.	606.	25.34		
DIVERSION TO									
+	DI193	2291.	14.17	1121.	280.	270.	25.34		
HYDROGRAPH AT									
+	D179	1632.	14.17	1132.	349.	337.	25.34		
DIVERSION TO									
+	DI194	0.	.08	0.	0.	0.	25.34		
HYDROGRAPH AT									
+	D179	1632.	14.17	1132.	349.	337.	25.34		
ROUTED TO									
+	R179	1611.	14.50	1128.	348.	335.	25.34		
+								1120.56	14.50
HYDROGRAPH AT									
+	180	574.	13.33	154.	39.	37.	.99		
2 COMBINED AT									
+	1I180	1796.	14.33	1228.	384.	370.	26.33		
HYDROGRAPH AT									
+	D133	145.	14.33	71.	20.	19.	14.48		
ROUTED TO									
+	R133	132.	16.08	66.	18.	18.	14.48		
+								1187.83	16.17
HYDROGRAPH AT									
+	147	342.	13.00	72.	18.	17.	.50		
2 COMBINED AT									
+	1I147	337.	13.00	118.	36.	35.	14.62		
HYDROGRAPH AT									
	D134	2060.	14.00	741.	193.	186.	15.42		
ROUTED TO									
+	R134	1983.	14.42	736.	193.	186.	15.42		
+								1187.90	14.50
2 COMBINED AT									

+		CP147	2010.	14.42	818.	229.	220.	15.92	
	DIVERSION TO								
+		DI166	1943.	14.42	801.	224.	216.	15.92	
	HYDROGRAPH AT								
+		D147	66.	14.42	17.	4.	4.	15.92	
	ROUTED TO								
+		R147	49.	15.17	17.	4.	4.	15.92	
+									1158.29 15.42
	HYDROGRAPH AT								
+		148	328.	13.00	71.	18.	17.	.48	
	2 COMBINED AT								
+		1I148	323.	13.00	85.	22.	21.	16.40	
	HYDROGRAPH AT								
+		D135	172.	14.08	52.	13.	13.	16.48	
	ROUTED TO								
+		R135	156.	14.75	52.	13.	13.	16.48	
+									1170.63 14.83
	2 COMBINED AT								
+		CP148	323.	13.00	134.	35.	34.	17.46	
	DIVERSION TO								
+		DI150	49.	13.00	20.	5.	5.	17.46	
	HYDROGRAPH AT								
+		D148	274.	13.00	113.	29.	28.	17.46	
	ROUTED TO								
+		R148	195.	14.08	109.	29.	28.	17.46	
+									1152.44 14.08
	HYDROGRAPH AT								
+		D147	1943.	14.42	801.	224.	216.	15.92	
	ROUTED TO								
+		R147	1826.	15.58	794.	218.	210.	15.92	
+									1153.26 15.67
	HYDROGRAPH AT								
+		166	533.	13.33	142.	36.	34.	.98	
	2 COMBINED AT								
+		1I166	1837.	15.58	799.	253.	243.	16.90	
	2 COMBINED AT								
+		CP166	1975.	15.58	902.	281.	271.	18.44	
	DIVERSION TO								
		DI167	1753.	15.58	831.	263.	253.	18.44	
	HYDROGRAPH AT								
+		D166	223.	15.58	71.	18.	17.	18.44	
	ROUTED TO								
+		R166	207.	16.33	70.	18.	17.	18.44	

+								1124.78	16.42
	2 COMBINED AT								
+		CP180	1797.	14.33	1286.	401.	386.	30.29	
	DIVERSION TO								
+		1D195	1507.	14.33	1086.	340.	328.	30.29	
	HYDROGRAPH AT								
+		D180	290.	14.33	200.	60.	58.	30.29	
	ROUTED TO								
+		R180	285.	14.75	199.	60.	58.	30.29	
+								1113.20	14.75
	HYDROGRAPH AT								
+		181	283.	12.92	54.	14.	13.	.37	
	2 COMBINED AT								
+		CP181	292.	14.75	221.	73.	70.	30.66	
	DIVERSION TO								
+		2D195	292.	14.75	221.	73.	70.	30.66	
	HYDROGRAPH AT								
+		D181	0.	.08	0.	0.	0.	30.66	
	ROUTED TO								
+		R181	0.	.08	0.	0.	0.	30.66	
								1106.00	.00
	HYDROGRAPH AT								
+		182	212.	12.75	35.	9.	9.	.24	
	2 COMBINED AT								
+		1I182	204.	12.75	34.	8.	8.	30.90	
	HYDROGRAPH AT								
+		D148	49.	13.00	20.	5.	5.	17.46	
	ROUTED TO								
+		R148	40.	13.67	20.	5.	5.	17.46	
+								1152.31	13.83
	HYDROGRAPH AT								
+		150	193.	12.75	33.	8.	8.	.23	
	2 COMBINED AT								
+		CP150	196.	12.75	51.	13.	13.	17.69	
	ROUTED TO								
+		R150	172.	13.17	51.	13.	13.	17.69	
+								1144.49	13.17
	HYDROGRAPH AT								
		151	208.	12.75	36.	9.	9.	.25	
	2 COMBINED AT								
+		1I151	312.	12.92	85.	22.	21.	17.94	
	HYDROGRAPH AT								
+		D137	435.	14.50	265.	76.	74.	21.72	

	ROUTED TO								
+		R137	428.	14.75	263.	76.	73.	21.72	
+								1157.11	14.83
	HYDROGRAPH AT								
+		149	312.	13.08	68.	17.	16.	.48	
	2 COMBINED AT								
+		CP149	533.	13.58	316.	93.	89.	22.20	
	ROUTED TO								
+		R149	524.	13.92	314.	92.	89.	22.20	
+								1142.80	13.92
	2 COMBINED AT								
+		CP151	638.	13.75	388.	114.	110.	23.66	
	DIVERSION TO								
+		1D168	205.	13.75	122.	34.	33.	23.66	
	HYDROGRAPH AT								
+		D151	433.	13.75	266.	80.	77.	23.66	
	DIVERSION TO								
+		DI152	205.	13.75	122.	34.	33.	23.66	
	HYDROGRAPH AT								
+		D151	228.	13.75	144.	46.	44.	23.66	
	ROUTED TO								
+		R151	223.	14.42	142.	44.	43.	23.66	
+								1128.81	14.42
	HYDROGRAPH AT								
+		167	528.	13.33	141.	35.	34.	.97	
	2 COMBINED AT								
+		1I167	589.	13.42	263.	78.	76.	24.63	
	HYDROGRAPH AT								
+		D166	1753.	15.58	831.	263.	253.	18.44	
	ROUTED TO								
+		R166	1713.	15.92	829.	261.	251.	18.44	
+								1132.12	16.00
	2 COMBINED AT								
+		CP167	1870.	15.92	1044.	336.	324.	25.61	
	DIVERSION TO								
+		1D183	532.	15.92	256.	69.	67.	25.61	
	HYDROGRAPH AT								
+		D167	1339.	15.92	787.	267.	257.	25.61	
	DIVERSION TO								
+		2D168	117.	15.92	51.	14.	13.	25.61	
	HYDROGRAPH AT								
+		D167	1221.	15.92	736.	253.	244.	25.61	

	ROUTED TO								
+		R167	1200.	16.25	735.	251.	242.	25.61	
+								1119.43	16.33
	HYDROGRAPH AT								
+		181A	249.	13.17	57.	14.	14.	.39	
	2 COMBINED AT								
+		CP181A	1200.	16.25	766.	265.	255.	26.00	
	DIVERSION TO								
+		2D183	274.	16.25	150.	47.	46.	26.00	
	HYDROGRAPH AT								
+		D181A	925.	16.25	616.	217.	209.	26.00	
	ROUTED TO								
+		R181A	913.	16.58	614.	215.	207.	26.00	
+								1109.62	16.67
	2 COMBINED AT								
+		CP182	903.	16.58	611.	221.	213.	38.46	
	DIVERSION TO								
+		DI196	450.	16.58	309.	112.	108.	38.46	
	HYDROGRAPH AT								
+		D182	452.	16.58	303.	109.	105.	38.46	
	ROUTED TO								
		R182	438.	17.50	301.	105.	101.	38.46	
+								1101.06	17.58
	HYDROGRAPH AT								
+		D151	205.	13.75	122.	34.	33.	23.66	
	ROUTED TO								
+		R151	203.	14.08	121.	34.	33.	23.66	
+								1136.75	14.08
	HYDROGRAPH AT								
+		152	284.	12.92	58.	15.	14.	.35	
	2 COMBINED AT								
+		CP152	320.	13.25	170.	48.	46.	24.01	
	DIVERSION TO								
+		1D169	0.	.08	0.	0.	0.	24.01	
	HYDROGRAPH AT								
+		D152	320.	13.25	170.	48.	46.	24.01	
	DIVERSION TO								
+		DI155	0.	.08	0.	0.	0.	24.01	
	HYDROGRAPH AT								
		D152	320.	13.25	170.	48.	46.	24.01	
	ROUTED TO								
+		R152	312.	13.83	167.	48.	46.	24.01	
+								1122.90	13.83

	HYDROGRAPH AT								
+		D151	205.	13.75	122.	34.	33.	23.66	
	ROUTED TO								
		R151	199.	15.67	110.	31.	30.	23.66	
+									1134.32 15.75
	HYDROGRAPH AT								
+		168	340.	13.17	79.	20.	19.	.51	
	2 COMBINED AT								
+		1I168	330.	13.17	144.	50.	49.	24.17	
	HYDROGRAPH AT								
+		D167	117.	15.92	51.	14.	13.	25.61	
	ROUTED TO								
+		R167	113.	16.50	51.	14.	13.	25.61	
+									1120.32 16.58
	2 COMBINED AT								
+		2I168	330.	13.17	188.	64.	62.	26.12	
	2 COMBINED AT								
+		CP168	515.	13.50	351.	112.	108.	26.47	
	DIVERSION TO								
+		2D169	140.	13.50	84.	26.	25.	26.47	
	HYDROGRAPH AT								
		D168	375.	13.50	267.	86.	83.	26.47	
	ROUTED TO								
+		R168	369.	13.83	266.	85.	82.	26.47	
+									1113.29 13.83
	HYDROGRAPH AT								
+		D167	532.	15.92	256.	69.	67.	25.61	
	ROUTED TO								
+		R167	527.	16.42	253.	69.	67.	25.61	
+									1114.44 16.50
	HYDROGRAPH AT								
+		183	258.	12.42	31.	8.	8.	.21	
	2 COMBINED AT								
+		1I183	527.	16.42	253.	77.	74.	25.82	
	HYDROGRAPH AT								
+		D181A	274.	16.25	150.	47.	46.	26.00	
	ROUTED TO								
+		R181A	271.	16.42	150.	47.	46.	26.00	
+									1111.04 16.50
	2 COMBINED AT								
+		2I183	797.	16.42	395.	124.	120.	26.21	
	2 COMBINED AT								
+		CP183	1078.	16.42	654.	209.	201.	27.07	

	ROUTED TO								
+		R183	1052.	17.50	651.	201.	194.	27.07	
+								1098.99	17.58
	HYDROGRAPH AT								
+		184	531.	13.17	124.	31.	30.	.79	
	2 COMBINED AT								
+		1I184	1051.	17.50	656.	231.	222.	27.86	
	2 COMBINED AT								
+		2I184	1467.	17.50	944.	332.	319.	40.32	
	HYDROGRAPH AT								
+		D152	0.	.08	0.	0.	0.	24.01	
	ROUTED TO								
+		R152	0.	.08	0.	0.	0.	24.01	
+								1130.00	.00
	HYDROGRAPH AT								
+		155	250.	12.75	47.	12.	11.	.26	
	2 COMBINED AT								
+		CP155	243.	12.75	45.	11.	11.	24.27	
	ROUTED TO								
+		R155	189.	13.92	45.	11.	11.	24.27	
+								1116.26	13.92
	HYDROGRAPH AT								
+		D152	0.	.08	0.	0.	0.	24.01	
	ROUTED TO								
+		R152	0.	.08	0.	0.	0.	24.01	
+								1120.00	.00
	HYDROGRAPH AT								
+		169	368.	13.17	89.	22.	21.	.51	
	2 COMBINED AT								
+		1I169	357.	13.17	86.	22.	21.	24.52	
	2 COMBINED AT								
+		2I169	359.	13.83	131.	33.	32.	25.13	
	HYDROGRAPH AT								
+		D168	140.	13.50	84.	26.	25.	26.47	
	ROUTED TO								
+		R168	137.	14.00	83.	26.	25.	26.47	
+								1112.44	14.00
	2 COMBINED AT								
+		CP169	491.	13.83	201.	58.	56.	27.24	
	ROUTED TO								
+		R169	442.	14.50	198.	57.	55.	27.24	
+								1111.06	14.58
	2 COMBINED AT								
+		CP184	1574.	17.50	1104.	388.	373.	41.09	

	2 COMBINED AT								
+		CP197	611.	18.42	457.	182.	175.	42.09	
	ROUTED TO								
+		R197	598.	18.92	456.	176.	169.	42.09	
+									1078.90 19.00
	HYDROGRAPH AT								
+		203	162.	12.25	14.	4.	3.	.11	
	2 COMBINED AT								
+		CP203	598.	18.92	456.	179.	172.	42.20	
	2 COMBINED AT								
+		CP198	1418.	19.17	1137.	450.	433.	44.09	
	ROUTED TO								
+		R198	1413.	19.25	1136.	445.	429.	44.09	
+									1078.15 19.42
	HYDROGRAPH AT								
+		204	381.	12.25	32.	8.	8.	.27	
	2 COMBINED AT								
+		1I204	1413.	19.25	1136.	453.	436.	44.36	
	HYDROGRAPH AT								
+		174	612.	12.25	55.	14.	13.	.45	
	ROUTED TO								
+		R174	410.	12.75	55.	14.	13.	.45	
+									1218.33 12.83
	HYDROGRAPH AT								
+		175	375.	12.25	34.	9.	8.	.28	
	DIVERSION TO								
+		DI175A	375.	12.25	34.	9.	8.	.28	
	HYDROGRAPH AT								
+		D175	0.	.08	0.	0.	0.	.28	
	ROUTED TO								
+		R175	0.	.08	0.	0.	0.	.28	
+									1220.00 .00
	HYDROGRAPH AT								
+		176	701.	12.42	79.	20.	19.	.67	
	2 COMBINED AT								
+		1I176	700.	12.42	79.	20.	19.	.95	
	2 COMBINED AT								
+		CP176	792.	12.50	134.	34.	32.	1.40	
	ROUTED TO								
+		R176	708.	12.92	134.	34.	32.	1.40	
+									1163.16 12.92
	HYDROGRAPH AT								
+		D175	375.	12.25	34.	9.	8.	.28	

	ROUTED TO								
+		R175	342.	12.42	34.	9.	8.	.28	
+									1135.56 12.42
	HYDROGRAPH AT								
+		175A	362.	12.50	42.	10.	10.	.47	
	2 COMBINED AT								
+		CP175A	687.	12.42	76.	19.	18.	.75	
	ROUTED TO								
+		R175A	650.	12.67	76.	19.	18.	.75	
+									1234.19 12.67
	HYDROGRAPH AT								
+		CP3	490.	12.92	60.	15.	14.	4.86	
	ROUTED TO								
+		RCP3	379.	13.42	60.	15.	14.	4.86	
+									1259.15 13.50
	2 COMBINED AT								
+		1I189	650.	12.67	135.	34.	33.	5.61	
	HYDROGRAPH AT								
+		189	521.	12.42	57.	14.	14.	.51	
	2 COMBINED AT								
		CP189	940.	12.58	192.	48.	46.	6.12	
	ROUTED TO								
+		R189	792.	13.17	191.	48.	46.	6.12	
+									1207.32 13.17
	HYDROGRAPH AT								
+		190	657.	12.92	128.	32.	31.	.86	
	2 COMBINED AT								
+		CP190	1336.	13.08	319.	80.	77.	6.98	
	ROUTED TO								
+		R190	1280.	13.33	318.	80.	77.	6.98	
+									1177.87 13.42
	HYDROGRAPH AT								
+		D176A	0.	.08	0.	0.	0.	3.09	
	ROUTED TO								
+		R176A	0.	.08	0.	0.	0.	3.09	
+									1162.00 .00
	3 COMBINED AT								
+		1I191	1774.	13.25	451.	113.	109.	10.07	
	HYDROGRAPH AT								
		191	610.	13.25	149.	37.	36.	.99	
	2 COMBINED AT								
+		CP191	2358.	13.25	593.	149.	144.	12.18	
	DIVERSION TO								

+		DI208	1339.	12.83	490.	123.	119.	12.18		
	HYDROGRAPH AT									
+		CP191	1019.	13.25	103.	26.	25.	12.18		
	ROUTED TO									
+		R191	933.	13.50	103.	26.	25.	12.18		
+									1143.41	13.58
	HYDROGRAPH AT									
+		192A	345.	13.08	75.	19.	18.	.50		
	2 COMBINED AT									
+		CP192A	1140.	13.50	177.	44.	43.	12.68		
	ROUTED TO									
+		R192A	1098.	13.75	177.	44.	43.	12.68		
+									1143.54	13.83
	HYDROGRAPH AT									
+		192	346.	13.08	75.	19.	18.	.50		
	2 COMBINED AT									
+		CP192	1241.	13.75	251.	63.	60.	13.18		
	DIVERSION TO									
+		DI209	1110.	13.75	225.	56.	54.	13.18		
	HYDROGRAPH AT									
+		D192	131.	13.75	26.	7.	6.	13.18		
	DIVERSION TO									
+		DI210	0.	.08	0.	0.	0.	13.18		
	HYDROGRAPH AT									
+		D192	131.	13.75	26.	7.	6.	13.18		
	ROUTED TO									
+		R192	124.	14.00	26.	7.	6.	13.18		
+									1117.40	14.08
	HYDROGRAPH AT									
+		193	545.	13.25	132.	33.	32.	.91		
	2 COMBINED AT									
+		1I193	596.	13.25	156.	39.	38.	14.09		
	HYDROGRAPH AT									
+		D179	2291.	14.17	1121.	280.	270.	25.34		
	ROUTED TO									
+		R179	2255.	14.58	1120.	280.	270.	25.34		
+									1114.35	14.58
	2 COMBINED AT									
		CP193	2347.	14.50	1229.	312.	301.	36.34		
	DIVERSION TO									
+		DI212	1536.	14.50	600.	150.	145.	36.34		
	HYDROGRAPH AT									
+		D193	812.	14.50	629.	162.	156.	36.34		

	ROUTED TO								
+		R193	799.	15.42	625.	162.	156.	36.34	
+									1101.12 15.42
	HYDROGRAPH AT								
+		D179	0.	.08	0.	0.	0.	25.34	
	ROUTED TO								
+		R179	0.	.08	0.	0.	0.	25.34	
+									1108.00 .00
	HYDROGRAPH AT								
+		194	535.	13.42	144.	36.	35.	.99	
	2 COMBINED AT								
+		1I194	514.	13.42	138.	35.	33.	31.19	
	2 COMBINED AT								
+		CP194	875.	13.50	740.	197.	189.	37.33	
	ROUTED TO								
+		R194	859.	13.67	739.	197.	189.	37.33	
+									1092.41 13.67
	HYDROGRAPH AT								
+		D180	1507.	14.33	1086.	340.	328.	30.29	
	ROUTED TO								
+		R180	1474.	15.58	1056.	321.	309.	30.29	
									1100.12 15.58
	HYDROGRAPH AT								
+		195	256.	13.50	72.	18.	17.	.49	
	2 COMBINED AT								
+		1I195	1482.	15.58	1056.	336.	324.	35.64	
	HYDROGRAPH AT								
+		D181	292.	14.75	221.	73.	70.	30.66	
	ROUTED TO								
+		R181	288.	15.00	221.	72.	70.	30.66	
+									1099.97 15.00
	3 COMBINED AT								
+		CP195	2559.	15.50	1800.	602.	580.	43.14	
	DIVERSION TO								
+		1D201	2050.	15.50	1302.	375.	361.	43.14	
	HYDROGRAPH AT								
+		D195	509.	15.00	498.	227.	219.	43.14	
	ROUTED TO								
		R195	509.	15.58	498.	226.	218.	43.14	
									1077.63 15.58
	HYDROGRAPH AT								
+		D182	450.	16.58	309.	112.	108.	38.46	
	ROUTED TO								

+		R182	439.	17.42	307.	107.	104.	38.46		
+									1096.54	17.50
	HYDROGRAPH AT									
		196	313.	13.00	68.	17.	17.	.47		
	2 COMBINED AT									
+		1I196	439.	17.42	313.	124.	119.	38.93		
	2 COMBINED AT									
+		CP196	945.	17.42	806.	349.	336.	51.75		
	DIVERSION TO									
+		1D226	600.	17.42	475.	182.	175.	51.75		
	HYDROGRAPH AT									
+		D196	345.	17.42	331.	167.	161.	51.75		
	ROUTED TO									
+		R196	344.	17.67	331.	164.	158.	51.75		
+									1073.80	17.75
	HYDROGRAPH AT									
+		202	258.	13.42	73.	18.	18.	.48		
	2 COMBINED AT									
+		CP202	565.	13.42	388.	181.	174.	52.23		
	DIVERSION TO									
+		2D226	0.	.08	0.	0.	0.	52.23		
	HYDROGRAPH AT									
+		D202	565.	13.42	388.	181.	174.	52.23		
	ROUTED TO									
+		R202	557.	13.58	387.	178.	172.	52.23		
+									1077.80	13.58
	2 COMBINED AT									
+		CP204	1721.	19.25	1453.	626.	603.	58.13		
	ROUTED TO									
+		R204	1721.	19.33	1453.	625.	602.	58.13		
+									1073.06	19.42
	HYDROGRAPH AT									
+		205	125.	12.08	8.	2.	2.	.06		
	2 COMBINED AT									
+		CP205	1721.	19.33	1453.	627.	604.	58.19		
	ROUTED TO									
+		R205	1722.	19.33	1453.	626.	603.	58.19		
+									1072.06	19.42
	HYDROGRAPH AT									
		206	188.	12.17	14.	3.	3.	.12		
	2 COMBINED AT									
+		CP206	1722.	19.33	1453.	629.	606.	58.31		
	2 COMBINED AT									

+		RCP206	3249.	16.67	2901.	1156.	1114.	68.69		
	ROUTED TO									
		RR206	3236.	16.83	2897.	1140.	1098.	68.69		
									1061.11	16.92
	HYDROGRAPH AT									
+		228A	125.	12.17	8.	2.	2.	.08		
	2 COMBINED AT									
+		RC228A	3236.	16.83	2897.	1142.	1100.	68.77		
	ROUTED TO									
+		RR228A	3212.	17.58	2894.	1064.	1025.	68.77		
+									1051.20	17.67
	DIVERSION TO									
+		DR228A	3212.	17.58	2894.	1064.	1025.	68.77		
	HYDROGRAPH AT									
+		DR228A	0.	.08	0.	0.	0.	68.77		
	HYDROGRAPH AT									
+		CP10	1486.	12.75	193.	48.	46.	10.87		
	ROUTED TO									
+		R10	1454.	12.83	193.	48.	46.	10.87		
+									1227.02	12.83
	HYDROGRAPH AT									
		188	240.	12.25	19.	5.	5.	.19		
	2 COMBINED AT									
+		CP188	1457.	12.83	212.	53.	51.	11.08		
	ROUTED TO									
+		R188	1412.	13.00	212.	53.	51.	11.08		
+									1211.91	13.00
	HYDROGRAPH AT									
+		207A	469.	12.42	48.	12.	12.	.50		
	2 COMBINED AT									
+		CP207A	1450.	13.00	259.	65.	62.	11.58		
	ROUTED TO									
+		R207A	1391.	13.08	259.	65.	62.	11.58		
+									1172.74	13.17
	HYDROGRAPH AT									
+		214	208.	12.25	18.	5.	4.	.16		
	2 COMBINED AT									
+		CP214	1392.	13.08	276.	69.	67.	11.74		
	ROUTED TO									
		R214	1367.	13.17	276.	69.	67.	11.74		
+									1058.30	13.25
	HYDROGRAPH AT									
+		215A	497.	12.42	55.	14.	13.	.45		

	ROUTED TO								
+		R215A	477.	12.50	55.	14.	13.	.45	
								1154.10	12.50
	HYDROGRAPH AT								
		215	419.	12.33	44.	11.	11.	.35	
	2 COMBINED AT								
+		1I215	874.	12.42	99.	25.	24.	.80	
	2 COMBINED AT								
+		CP215	1484.	12.42	373.	93.	90.	12.54	
	ROUTED TO								
+		R215	1371.	12.67	373.	93.	90.	12.54	
+								1041.25	12.67
	HYDROGRAPH AT								
+		233	496.	12.42	56.	14.	13.	.50	
	2 COMBINED AT								
+		CP233	1685.	12.58	427.	107.	103.	13.04	
	ROUTED TO								
+		R233	1598.	12.75	426.	107.	103.	13.04	
+								1027.88	12.75
	HYDROGRAPH AT								
+		216	366.	12.92	69.	17.	17.	.51	
	ROUTED TO								
+		R216	350.	13.08	69.	17.	17.	.51	
+								1027.34	13.08
	HYDROGRAPH AT								
+		234	347.	13.17	81.	20.	19.	.53	
	2 COMBINED AT								
+		1I234	689.	13.08	150.	37.	36.	1.04	
	2 COMBINED AT								
+		CP234	2084.	12.83	572.	143.	138.	14.08	
	DIVERSION TO								
+		1D248	990.	12.83	225.	56.	54.	14.08	
	HYDROGRAPH AT								
+		D234	1094.	12.83	347.	87.	84.	14.08	
	ROUTED TO								
+		R234	1000.	13.42	347.	87.	84.	14.08	
+								1016.66	13.33
	HYDROGRAPH AT								
+		207	619.	13.25	153.	38.	37.	1.00	
	DIVERSION TO								
+		2D208	476.	13.25	118.	29.	28.	1.00	
	HYDROGRAPH AT								
+		D207	143.	13.25	35.	9.	9.	1.00	

	ROUTED TO								
+		R207	122.	13.92	35.	9.	9.	1.00	
+									1150.58	13.92
	HYDROGRAPH AT								
		217	350.	13.00	76.	19.	18.	.49	
	2 COMBINED AT								
+		CP217	372.	13.08	111.	28.	27.	1.49	
	DIVERSION TO								
+		DI218	91.	13.08	38.	9.	9.	1.49	
	HYDROGRAPH AT								
+		D217	281.	13.08	73.	18.	18.	1.49	
	ROUTED TO								
+		R217	258.	13.58	73.	18.	18.	1.49	
+									1015.05	13.67
	HYDROGRAPH AT								
+		235	303.	13.17	71.	18.	17.	.47	
	2 COMBINED AT								
+		1I235	483.	13.42	144.	36.	35.	1.96	
	2 COMBINED AT								
+		CP235	1467.	13.42	486.	122.	117.	16.04	
	DIVERSION TO								
		2D248	770.	13.42	237.	59.	57.	16.04	
	HYDROGRAPH AT								
+		D235	697.	13.42	249.	63.	60.	16.04	
	ROUTED TO								
+		R235	680.	13.83	247.	63.	60.	16.04	
+									1095.14	13.83
	HYDROGRAPH AT								
+		D191	1339.	12.83	490.	123.	119.	12.18	
	ROUTED TO								
+		R191	1339.	13.83	488.	123.	119.	12.18	
+									1143.57	13.75
	HYDROGRAPH AT								
+		208	632.	13.17	149.	37.	36.	1.00	
	2 COMBINED AT								
+		1I208	1921.	13.25	631.	160.	154.	13.18	
	HYDROGRAPH AT								
+		D207	476.	13.25	118.	29.	28.	1.00	
	ROUTED TO								
		R207	428.	13.75	118.	29.	28.	1.00	
+									1052.97	13.75
	2 COMBINED AT								
+		CP208	2175.	13.33	746.	188.	182.	14.18	

	DIVERSION TO								
+		1D219	626.	13.33	297.	76.	73.	14.18	
	HYDROGRAPH AT								
		D208	1549.	13.33	449.	113.	109.	14.18	
	DIVERSION TO								
+		DI209A	1541.	13.33	447.	112.	108.	14.18	
	HYDROGRAPH AT								
+		D208	8.	13.33	2.	1.	0.	14.18	
	ROUTED TO								
+		R208	8.	14.17	2.	1.	0.	14.18	
+									1122.11 14.25
	HYDROGRAPH AT								
+		218	624.	13.25	153.	38.	37.	1.00	
	2 COMBINED AT								
+		1I218	614.	13.25	152.	38.	37.	15.18	
	HYDROGRAPH AT								
+		D217	91.	13.08	38.	9.	9.	1.49	
	ROUTED TO								
+		R217	86.	13.83	38.	9.	9.	1.49	
+									1118.54 13.83
	2 COMBINED AT								
		CP218	669.	13.25	189.	47.	46.	15.67	
	DIVERSION TO								
+		DI237	420.	13.25	131.	33.	32.	15.67	
	HYDROGRAPH AT								
+		D218	249.	13.25	57.	14.	14.	15.67	
	DIVERSION TO								
+		2D219	58.	13.25	13.	3.	3.	15.67	
	HYDROGRAPH AT								
+		D218	191.	13.25	44.	11.	11.	15.67	
	ROUTED TO								
+		R218	178.	13.50	44.	11.	11.	15.67	
+									1096.64 13.58
	HYDROGRAPH AT								
+		236	582.	13.25	146.	37.	35.	1.00	
	2 COMBINED AT								
+		1I236	710.	13.33	187.	47.	45.	16.67	
	2 COMBINED AT								
		CP236	1222.	13.58	425.	108.	104.	26.34	
	DIVERSION TO								
+		DI249	325.	13.58	78.	20.	19.	26.34	
	HYDROGRAPH AT								
+		D236	898.	13.58	346.	88.	85.	26.34	

	DIVERSION TO								
+		1D250	403.	13.58	116.	29.	28.	26.34	
	HYDROGRAPH AT								
		D236	495.	13.58	230.	59.	57.	26.34	
	ROUTED TO								
+		R236	491.	13.67	230.	59.	57.	26.34	
+									1077.12 13.75
	HYDROGRAPH AT								
+		209A	335.	13.08	75.	19.	18.	.50	
	HYDROGRAPH AT								
+		D208	1541.	13.33	447.	112.	108.	14.18	
	ROUTED TO								
+		R208	1516.	13.67	446.	112.	108.	14.18	
+									1126.96 13.75
	2 COMBINED AT								
+		CP209A	1706.	13.58	519.	131.	126.	14.68	
	DIVERSION TO								
+		1D220	636.	13.58	204.	52.	50.	14.68	
	HYDROGRAPH AT								
+		D209A	1070.	13.58	315.	79.	76.	14.68	
	DIVERSION TO								
+		2D209	288.	13.58	82.	20.	20.	14.68	
	HYDROGRAPH AT								
+		D209A	782.	13.58	233.	59.	56.	14.68	
	ROUTED TO								
+		R209A	769.	14.00	232.	59.	56.	14.68	
+									1113.06 14.08
	HYDROGRAPH AT								
+		D208	626.	13.33	297.	76.	73.	14.18	
	ROUTED TO								
+		R208	613.	14.83	277.	74.	71.	14.18	
+									1114.48 14.83
	HYDROGRAPH AT								
+		219	343.	13.08	76.	19.	18.	.50	
	2 COMBINED AT								
+		1I219	629.	14.75	321.	92.	89.	14.68	
	2 COMBINED AT								
+		2I219	1239.	14.67	553.	151.	145.	15.18	
	HYDROGRAPH AT								
+		D218	58.	13.25	13.	3.	3.	15.67	
	ROUTED TO								
+		R218	51.	14.00	13.	3.	3.	15.67	
+									1096.10 14.00

	2 COMBINED AT								
+		CP219	1270.	14.58	565.	154.	148.	16.67	
	DIVERSION TO								
		DI238	893.	14.58	408.	114.	110.	16.67	
	HYDROGRAPH AT								
+		D219	376.	14.58	156.	40.	38.	16.67	
	DIVERSION TO								
+		2D220	156.	14.58	64.	16.	16.	16.67	
	HYDROGRAPH AT								
+		D219	220.	14.58	92.	24.	23.	16.67	
	ROUTED TO								
+		R219	202.	15.50	91.	24.	23.	16.67	
+									1086.42 15.50
	HYDROGRAPH AT								
+		D218	420.	13.25	131.	33.	32.	15.67	
	ROUTED TO								
+		R218	379.	14.00	129.	33.	32.	15.67	
+									1086.56 14.00
	HYDROGRAPH AT								
+		237	300.	13.25	73.	18.	18.	.50	
	2 COMBINED AT								
+		1I237	513.	13.92	195.	51.	49.	16.17	
	2 COMBINED AT								
+		2I237	519.	13.92	275.	74.	72.	17.17	
	2 COMBINED AT								
+		CP237	993.	13.83	500.	132.	128.	27.84	
	DIVERSION TO								
+		2D250	301.	13.83	88.	22.	21.	27.84	
	HYDROGRAPH AT								
+		D237	692.	13.83	412.	110.	106.	27.84	
	DIVERSION TO								
+		1D250A	306.	13.83	129.	32.	31.	27.84	
	HYDROGRAPH AT								
+		D237	386.	13.83	283.	78.	75.	27.84	
	ROUTED TO								
+		R237	385.	13.92	283.	78.	75.	27.84	
+									1064.65 13.92
	HYDROGRAPH AT								
		1D192	1110.	13.75	225.	56.	54.	13.18	
	ROUTED TO								
+		R192	968.	14.08	224.	56.	54.	13.18	
+									1111.03 14.17

	HYDROGRAPH AT								
+		209	336.	13.08	73.	18.	17.	.50	
	2 COMBINED AT								
		1I209	1026.	14.08	295.	74.	71.	13.68	
	HYDROGRAPH AT								
+		D209A	288.	13.58	82.	20.	20.	14.68	
	ROUTED TO								
+		R209A	284.	13.92	82.	20.	20.	14.68	
+									1112.55 14.00
	2 COMBINED AT								
+		CP209	1285.	14.08	373.	93.	90.	16.18	
	DIVERSION TO								
+		1D221	550.	14.08	170.	43.	41.	16.18	
	HYDROGRAPH AT								
+		D209	735.	14.08	202.	51.	49.	16.18	
	DIVERSION TO								
+		2D210	222.	14.08	60.	15.	14.	16.18	
	HYDROGRAPH AT								
+		D209	513.	14.08	142.	36.	34.	16.18	
	ROUTED TO								
+		R209	476.	14.58	142.	36.	34.	16.18	
									1090.79 14.67
	HYDROGRAPH AT								
+		D209A	636.	13.58	204.	52.	50.	14.68	
	ROUTED TO								
+		R209A	609.	14.50	204.	52.	50.	14.68	
+									1107.04 14.50
	HYDROGRAPH AT								
+		220	335.	13.08	75.	19.	18.	.50	
	2 COMBINED AT								
+		1I220	650.	14.42	276.	70.	68.	15.18	
	2 COMBINED AT								
+		2I220	1115.	14.50	415.	106.	102.	16.68	
	HYDROGRAPH AT								
+		D219	156.	14.58	64.	16.	16.	16.67	
	ROUTED TO								
+		R219	155.	14.75	64.	16.	16.	16.67	
+									1080.93 14.75
	2 COMBINED AT								
		CP220	1241.	14.58	476.	121.	117.	18.17	
	DIVERSION TO								
+		DI239	733.	14.58	319.	82.	79.	18.17	
	HYDROGRAPH AT								

+		D220	508.	14.58	157.	40.	38.	18.17	
	DIVERSION TO								
+		2D221	407.	14.58	131.	33.	32.	18.17	
	HYDROGRAPH AT								
+		D220	102.	14.58	26.	6.	6.	18.17	
	ROUTED TO								
+		R220	91.	15.50	25.	6.	6.	18.17	
+									1032.34 15.58
	HYDROGRAPH AT								
+		D219	893.	14.58	408.	114.	110.	16.67	
	ROUTED TO								
+		R219	835.	15.17	405.	113.	109.	16.67	
+									1033.11 15.25
	HYDROGRAPH AT								
+		238	314.	13.17	72.	18.	17.	.50	
	2 COMBINED AT								
+		1I238	843.	15.17	453.	130.	126.	17.17	
	2 COMBINED AT								
+		2I238	918.	15.25	477.	137.	132.	18.67	
	2 COMBINED AT								
+		CP238	1226.	15.25	751.	213.	205.	30.34	
	DIVERSION TO								
+		2D250A	57.	15.25	20.	5.	5.	30.34	
	HYDROGRAPH AT								
+		D238	1170.	15.25	731.	208.	200.	30.34	
	DIVERSION TO								
+		1D251	160.	15.25	56.	14.	13.	30.34	
	HYDROGRAPH AT								
+		D238	1009.	15.25	676.	194.	187.	30.34	
	ROUTED TO								
+		R238	986.	15.58	674.	194.	187.	30.34	
+									1059.53 15.67
	HYDROGRAPH AT								
+		2D192	0.	.08	0.	0.	0.	13.18	
	ROUTED TO								
+		R192	0.	.08	0.	0.	0.	13.18	
+									1112.00 .00
	HYDROGRAPH AT								
+		210	296.	13.08	64.	16.	16.	.46	
	2 COMBINED AT								
+		1I210	292.	13.08	64.	16.	15.	13.64	
	HYDROGRAPH AT								
+		D209	222.	14.08	60.	15.	14.	16.18	

	ROUTED TO								
+		R209	211.	14.42	60.	15.	14.	16.18	
+								1098.58	14.50
	2 COMBINED AT								
+		CP210	304.	13.08	123.	31.	30.	16.58	
	ROUTED TO								
+		R210	275.	14.00	123.	31.	30.	16.58	
+								1082.51	13.92
	HYDROGRAPH AT								
+		D209	550.	14.08	170.	43.	41.	16.18	
	ROUTED TO								
+		R209	483.	15.33	158.	42.	40.	16.18	
+								1090.46	15.50
	HYDROGRAPH AT								
+		221	303.	13.08	69.	17.	17.	.48	
	2 COMBINED AT								
+		1I221	490.	15.33	202.	59.	56.	16.66	
	2 COMBINED AT								
+		2I221	707.	15.25	323.	89.	86.	17.06	
	HYDROGRAPH AT								
+		D220	407.	14.58	131.	33.	32.	18.17	
	ROUTED TO								
+		R220	395.	14.83	131.	33.	32.	18.17	
+								1078.66	14.92
	2 COMBINED AT								
+		CP221	1018.	15.17	450.	122.	118.	19.11	
	ROUTED TO								
+		R221	922.	16.33	449.	122.	117.	19.11	
+								1070.28	16.42
	HYDROGRAPH AT								
+		D220	733.	14.58	319.	82.	79.	18.17	
	ROUTED TO								
+		R220	701.	15.83	299.	79.	76.	18.17	
+								1070.49	15.83
	HYDROGRAPH AT								
+		239	313.	13.08	69.	17.	17.	.48	
	2 COMBINED AT								
+		1I239	701.	15.75	319.	96.	93.	18.65	
	2 COMBINED AT								
		2I239	1547.	16.25	757.	217.	209.	19.59	
	2 COMBINED AT								
+		CP239	2367.	16.17	1410.	406.	391.	31.76	
	DIVERSION TO								

+		2D251	1731.	16.17	888.	228.	220.	31.76		
	HYDROGRAPH AT									
+		D239	636.	16.17	522.	178.	172.	31.76		
	ROUTED TO									
+		R239	634.	16.50	521.	178.	171.	31.76		
+									1055.80	16.42
	HYDROGRAPH AT									
+		240	282.	13.00	57.	14.	14.	.40		
	2 COMBINED AT									
+		CP240	634.	16.50	552.	191.	184.	32.16		
	ROUTED TO									
+		R240	633.	16.67	551.	190.	183.	32.16		
+									1051.97	16.67
	HYDROGRAPH AT									
+		213	373.	12.50	46.	12.	11.	.35		
	ROUTED TO									
+		R213	225.	13.42	46.	12.	11.	.35		
+									1075.36	13.42
	HYDROGRAPH AT									
+		212	279.	13.42	77.	19.	19.	.54		
	HYDROGRAPH AT									
		D193	1536.	14.50	600.	150.	145.	36.34		
	ROUTED TO									
+		R193	1327.	15.50	596.	150.	145.	36.34		
+									1095.69	15.58
	2 COMBINED AT									
+		1I212	1344.	15.50	636.	168.	162.	36.88		
	ROUTED TO									
+		SR212	1337.	15.58	626.	161.	155.	36.88		
+									1080.12	15.67
	2 COMBINED AT									
+		CP212	1350.	15.58	658.	172.	166.	37.23		
	ROUTED TO									
+		R212	1323.	16.17	651.	172.	165.	37.23		
+									1077.40	16.25
	HYDROGRAPH AT									
+		211	309.	13.08	69.	17.	17.	.49		
	ROUTED TO									
+		R211	220.	14.33	68.	17.	17.	.49		
									1080.98	14.33
	HYDROGRAPH AT									
+		221A	175.	13.25	43.	11.	10.	.31		
	2 COMBINED AT									
+		1I221A	276.	14.17	109.	28.	27.	.80		

	ROUTED TO								
+		SR221A	271.	14.25	95.	24.	23.	.80	
+								1079.02	14.33
	2 COMBINED AT								
+		CP221A	1377.	16.17	713.	194.	187.	38.03	
	ROUTED TO								
+		R221A	1358.	16.50	711.	193.	186.	38.03	
+								1075.76	16.67
	HYDROGRAPH AT								
+		222	541.	13.58	172.	48.	46.	1.10	
	2 COMBINED AT								
+		CP222	1380.	16.50	769.	238.	229.	39.13	
	ROUTED TO								
+		R222	1342.	17.08	766.	236.	228.	39.13	
+								1052.66	17.25
	HYDROGRAPH AT								
+		D202	0.	.08	0.	0.	0.	52.23	
	ROUTED TO								
+		R202	0.	.08	0.	0.	0.	52.23	
+								1078.00	.00
	HYDROGRAPH AT								
		226	1573.	12.33	192.	54.	52.	1.18	
	2 COMBINED AT								
+		1I226	1483.	12.33	180.	51.	49.	53.41	
	HYDROGRAPH AT								
+		D196	600.	17.42	475.	182.	175.	51.75	
	2 COMBINED AT								
+		CP226	1483.	12.33	572.	233.	224.	53.41	
	ROUTED TO								
+		SR226	534.	13.08	493.	225.	217.	53.41	
+								1077.10	18.50
	ROUTED TO								
+		R226	523.	20.50	492.	205.	198.	53.41	
+								1074.39	20.75
	HYDROGRAPH AT								
+		D195	2050.	15.50	1302.	375.	361.	43.14	
	ROUTED TO								
+		R195	2025.	15.67	1298.	375.	361.	43.14	
+								1087.93	15.67
	HYDROGRAPH AT								
+		201	420.	12.33	44.	11.	11.	.34	
	2 COMBINED AT								
+		CP201	2025.	15.67	1298.	385.	371.	43.48	

	ROUTED TO								
+		R201	2002.	16.33	1295.	384.	370.	43.48	
+									1074.92	16.33
	HYDROGRAPH AT								
+		223	1763.	12.42	327.	110.	106.	1.26	
	2 COMBINED AT								
+		1I223	2054.	16.33	1344.	488.	471.	44.74	
	2 COMBINED AT								
+		CP223	2523.	16.33	1806.	690.	665.	54.67	
	DIVERSION TO								
+		DI225	60.	8.75	60.	53.	51.	54.67	
	HYDROGRAPH AT								
+		D223	2463.	16.33	1746.	637.	614.	54.67	
	ROUTED TO								
+		R223	2453.	16.50	1745.	630.	607.	54.67	
+									1064.63	16.58
	HYDROGRAPH AT								
+		224	1054.	12.33	109.	27.	26.	.80	
	2 COMBINED AT								
+		CP224	2453.	16.50	1745.	655.	631.	55.47	
	ROUTED TO								
+		R224	2429.	16.92	1743.	639.	616.	55.47	
+									1052.92	17.00
	HYDROGRAPH AT								
+		241	1436.	12.50	176.	44.	42.	1.51	
	2 COMBINED AT								
+		1I241	2429.	16.92	1743.	680.	655.	56.98	
	2 COMBINED AT								
+		2I241	3693.	17.08	2453.	907.	874.	59.77	
	2 COMBINED AT								
+		CP241	4243.	17.08	2889.	1083.	1044.	78.75	
	ROUTED TO								
+		SR241	4245.	17.08	2888.	1083.	1043.	78.75	
+									1048.40	17.08
	ROUTED TO								
+		R241	4124.	17.67	2883.	1070.	1031.	78.75	
+									1029.33	17.67
	HYDROGRAPH AT								
+		253	641.	13.17	148.	37.	36.	1.00	
	2 COMBINED AT								
+		1I253	4123.	17.67	2883.	1105.	1064.	79.75	
	HYDROGRAPH AT								
+		253A	291.	12.33	29.	7.	7.	.25	

	ROUTED TO								
+		R253A	190.	13.08	29.	7.	7.	.25	
+									1025.72 13.17
	2 COMBINED AT								
		2I253	4122.	17.67	2883.	1111.	1070.	80.00	
	HYDROGRAPH AT								
+		247	330.	13.08	76.	19.	18.	.50	
	DIVERSION TO								
+		DI261	0.	.08	0.	0.	0.	.50	
	HYDROGRAPH AT								
+		D247	330.	13.08	76.	19.	18.	.50	
	ROUTED TO								
+		R247	303.	13.50	76.	19.	18.	.50	
+									1094.68 13.50
	HYDROGRAPH AT								
+		248	592.	13.25	152.	38.	37.	1.00	
	HYDROGRAPH AT								
+		D234	990.	12.83	225.	56.	54.	14.08	
	ROUTED TO								
+		R234	841.	13.67	225.	56.	54.	14.08	
+									1100.99 13.67
	2 COMBINED AT								
		1I248	1313.	13.42	372.	93.	90.	15.08	
	2 COMBINED AT								
+		2I248	1602.	13.50	446.	112.	108.	15.58	
	HYDROGRAPH AT								
+		D235	770.	13.42	237.	59.	57.	16.04	
	ROUTED TO								
+		R235	726.	14.00	237.	59.	57.	16.04	
+									1100.96 14.00
	2 COMBINED AT								
+		CP248	2174.	13.67	679.	170.	164.	17.54	
	DIVERSION TO								
+		DI262	1955.	13.67	630.	158.	152.	17.54	
	HYDROGRAPH AT								
+		D248	218.	13.67	49.	12.	12.	17.54	
	ROUTED TO								
+		R248	205.	14.33	49.	12.	12.	17.54	
+									1080.91 14.42
	HYDROGRAPH AT								
+		249	571.	13.25	143.	36.	35.	1.00	
	2 COMBINED AT								
+		1I249	559.	13.25	188.	47.	45.	18.54	

	HYDROGRAPH AT								
+		D236	325.	13.58	78.	20.	19.	26.34	
	ROUTED TO								
		R236	320.	13.83	78.	20.	19.	26.34	
									1072.95 13.92
	2 COMBINED AT								
+		CP249	694.	14.00	262.	66.	63.	28.84	
	DIVERSION TO								
+		DI264	77.	14.00	24.	6.	6.	28.84	
	HYDROGRAPH AT								
+		D249	616.	14.00	238.	60.	57.	28.84	
	ROUTED TO								
+		R249	611.	14.25	238.	60.	57.	28.84	
+									1059.12 14.08
	HYDROGRAPH AT								
+		D236	403.	13.58	116.	29.	28.	26.34	
	ROUTED TO								
+		R236	308.	16.08	105.	28.	27.	26.34	
+									1070.34 16.17
	HYDROGRAPH AT								
+		250	316.	13.08	71.	18.	17.	.49	
	2 COMBINED AT								
+		1I250	308.	16.08	145.	45.	43.	26.83	
	HYDROGRAPH AT								
+		D237	301.	13.83	88.	22.	21.	27.84	
	ROUTED TO								
+		R237	277.	14.58	87.	22.	21.	27.84	
+									1058.74 14.58
	2 COMBINED AT								
+		2I250	411.	16.08	231.	67.	64.	28.33	
	2 COMBINED AT								
+		CP250	909.	14.42	466.	126.	121.	30.83	
	ROUTED TO								
+		R250	899.	14.67	466.	126.	121.	30.83	
+									1051.46 14.67
	HYDROGRAPH AT								
+		D237	306.	13.83	129.	32.	31.	27.84	
	ROUTED TO								
+		R237	296.	14.58	129.	32.	31.	27.84	
									1050.67 14.58
	HYDROGRAPH AT								
+		250A	308.	13.17	74.	18.	18.	.51	
	2 COMBINED AT								
+		1I250A	314.	14.50	180.	46.	44.	328.35	

	HYDROGRAPH AT								
+		D238	57.	15.25	20.	5.	5.	30.34		
	ROUTED TO								
+		R238	56.	15.58	20.	5.	5.	30.34		
+									1050.91	15.67
	2 COMBINED AT								
+		2I250A	366.	14.58	214.	55.	53.	30.85		
	2 COMBINED AT								
+		CP250A	1254.	14.58	675.	180.	173.	33.84		
	DIVERSION TO								
+		DI265A	3.	14.58	1.	0.	0.	33.84		
	HYDROGRAPH AT								
+		D250A	1251.	14.58	674.	180.	173.	33.84		
	DIVERSION TO								
+		1D266	276.	14.58	48.	12.	12.	33.84		
	HYDROGRAPH AT								
+		D250A	975.	14.58	626.	168.	161.	33.84		
	ROUTED TO								
+		R250A	971.	14.75	625.	167.	161.	33.84		
+									1041.97	14.83
	HYDROGRAPH AT								
+		D238	160.	15.25	56.	14.	13.	30.34		
	ROUTED TO								
+		R238	138.	17.50	50.	13.	13.	30.34		
+									1046.23	17.67
	HYDROGRAPH AT								
+		251	313.	13.17	72.	18.	17.	.50		
	2 COMBINED AT								
+		1I251	301.	13.17	87.	30.	29.	30.84		
	HYDROGRAPH AT								
+		D239	1731.	16.17	888.	228.	220.	31.76		
	ROUTED TO								
+		R239	1713.	16.50	880.	228.	219.	31.76		
+									1049.74	16.50
	2 COMBINED AT								
+		2I251	1711.	16.50	937.	258.	249.	32.26		
	2 COMBINED AT								
+		CP251	2394.	16.50	1543.	424.	408.	35.76		
	DIVERSION TO								
+		2D266	1948.	16.50	1264.	346.	333.	35.76		
	HYDROGRAPH AT								
+		D251	446.	16.50	279.	78.	75.	35.76		

	ROUTED TO								
+		R251	439.	16.83	278.	78.	75.	35.76	
+								1037.05	16.92
	HYDROGRAPH AT								
		252	326.	13.17	76.	19.	18.	.50	
	2 COMBINED AT								
+		CP252	439.	16.83	325.	96.	92.	36.26	
	DIVERSION TO								
+		DI267	415.	16.83	309.	91.	88.	36.26	
	HYDROGRAPH AT								
+		D252	23.	16.83	17.	5.	4.	36.26	
	ROUTED TO								
+		R252	17.	21.33	13.	3.	3.	36.26	
+								1028.68	21.33
	2 COMBINED AT								
+		CP253	4121.	17.67	2888.	1114.	1073.	84.50	
	ROUTED TO								
+		SR253	4102.	17.75	2881.	1101.	1061.	84.50	
+								1026.53	17.75
	ROUTED TO								
+		R253	4088.	18.00	2879.	1094.	1053.	84.50	
+								1020.59	18.08
	HYDROGRAPH AT								
+		268	589.	13.25	147.	37.	35.	.95	
	2 COMBINED AT								
+		1I268	4088.	18.00	2880.	1128.	1086.	85.45	
	HYDROGRAPH AT								
+		D250A	276.	14.58	48.	12.	12.	33.84	
	ROUTED TO								
+		R250A	247.	15.42	48.	12.	12.	33.84	
+								1030.63	15.58
	HYDROGRAPH AT								
+		266	181.	13.33	48.	12.	12.	.33	
	2 COMBINED AT								
+		1I266	256.	15.42	93.	23.	23.	34.17	
	HYDROGRAPH AT								
+		D251	1948.	16.50	1264.	346.	333.	35.76	
	ROUTED TO								
+		R251	1931.	16.75	1262.	346.	333.	35.76	
								1030.56	16.83
	2 COMBINED AT								
+		CP266	1964.	16.75	1341.	369.	355.	36.09	
	DIVERSION TO								
+		DI283	236.	16.75	153.	43.	42.	36.09	

	HYDROGRAPH AT								
+		D266	1728.	16.75	1188.	326.	314.	36.09	
	ROUTED TO								
+		R266	1725.	16.83	1188.	326.	314.	36.09	
+									1020.30 16.92
	HYDROGRAPH AT								
+		D252	415.	16.83	309.	91.	88.	36.26	
	ROUTED TO								
+		R252	409.	17.33	307.	90.	87.	36.26	
+									1027.01 17.42
	HYDROGRAPH AT								
+		267	335.	13.17	79.	20.	19.	.50	
	2 COMBINED AT								
+		1I267	485.	13.67	353.	109.	105.	36.76	
	2 COMBINED AT								
+		CP267	2106.	16.92	1534.	434.	418.	37.09	
	DIVERSION TO								
+		DI284	1285.	16.92	973.	284.	273.	37.09	
	HYDROGRAPH AT								
+		D267	821.	16.92	561.	150.	145.	37.09	
	ROUTED TO								
+		R267	815.	17.17	558.	150.	144.	37.09	
+									1015.19 17.25
	2 COMBINED AT								
+		CP268	4703.	17.92	3270.	1269.	1222.	86.28	
	ROUTED TO								
+		SR268	4695.	18.00	3267.	1242.	1196.	86.28	
+									1012.11 18.08
	ROUTED TO								
+		R268	4662.	18.50	3264.	1200.	1156.	86.28	
+									1002.55 18.58
	HYDROGRAPH AT								
+		286	473.	13.08	109.	27.	26.	.70	
	2 COMBINED AT								
+		1I286	4662.	18.50	3264.	1225.	1180.	86.98	
	HYDROGRAPH AT								
+		288	160.	13.25	44.	11.	10.	.22	
	ROUTED TO								
		R288	153.	13.42	43.	11.	10.	.22	
									996.97 13.42
	2 COMBINED AT								
+		CP286	4662.	18.50	3264.	1235.	1190.	87.20	
	ROUTED TO								

+		R286	4644.	18.67	3261.	1223.	1178.	87.20	
+									992.79	18.67
	HYDROGRAPH AT								
		287	223.	12.67	36.	9.	9.	.23	
	2 COMBINED AT								
+		1I287	4644.	18.67	3261.	1231.	1186.	87.43	
	HYDROGRAPH AT								
+		D266	236.	16.75	153.	43.	42.	36.09	
	ROUTED TO								
+		R266	231.	17.33	152.	43.	41.	36.09	
+									1021.24	17.50
	HYDROGRAPH AT								
+		283	102.	13.08	23.	6.	6.	.16	
	2 COMBINED AT								
+		CP283	231.	17.33	154.	48.	47.	36.25	
	ROUTED TO								
+		R283	229.	17.58	154.	48.	46.	36.25	
+									1000.41	17.67
	HYDROGRAPH AT								
+		285B	83.	12.33	9.	2.	2.	.06	
	2 COMBINED AT								
		CP285B	229.	17.58	154.	50.	48.	36.31	
	ROUTED TO								
+		SR285B	225.	17.75	154.	50.	48.	36.31	
+									1009.07	17.92
	DIVERSION TO								
+		DI297	220.	17.83	153.	50.	48.	36.31	
	HYDROGRAPH AT								
+		D285B	5.	17.67	1.	0.	0.	36.31	
	ROUTED TO								
+		R285B	4.	18.25	1.	0.	0.	36.31	
+									1010.00	.00
	HYDROGRAPH AT								
+		D267	1285.	16.92	973.	284.	273.	37.09	
	ROUTED TO								
+		R267	1266.	17.58	969.	282.	272.	37.09	
+									1014.90	17.58
	HYDROGRAPH AT								
+		284	326.	13.17	76.	19.	18.	.52	
	2 COMBINED AT								
+		CP284	1266.	17.58	990.	300.	289.	37.61	
	ROUTED TO								
+		SR284	1259.	17.67	959.	282.	271.	37.61	
+									1011.20	17.75

	ROUTED TO								
+		R284	1257.	17.83	958.	281.	271.	37.61	
+								1008.90	17.83
	HYDROGRAPH AT								
+		285A	82.	12.33	9.	2.	2.	.06	
	2 COMBINED AT								
+		1I285A	1257.	17.83	958.	283.	273.	37.67	
	2 COMBINED AT								
+		CP285A	1259.	17.83	958.	283.	273.	37.89	
	ROUTED TO								
+		SR285A	1259.	17.83	958.	283.	273.	37.89	
+								1006.58	17.83
	DIVERSION TO								
+		1D297A	246.	17.83	238.	94.	91.	37.89	
	HYDROGRAPH AT								
+		D285A	1012.	17.83	720.	189.	182.	37.89	
	ROUTED TO								
+		R285A	1007.	18.00	719.	189.	182.	37.89	
+								999.16	18.08
	HYDROGRAPH AT								
+		285	56.	12.33	6.	1.	1.	.04	
	2 COMBINED AT								
+		CP285	1007.	18.00	719.	190.	183.	37.93	
	ROUTED TO								
+		SR285	1007.	18.08	719.	190.	183.	37.93	
+								1003.61	18.08
	DIVERSION TO								
+		2D297A	274.	18.08	195.	52.	50.	37.93	
	HYDROGRAPH AT								
+		D285	733.	18.08	523.	138.	133.	37.93	
	ROUTED TO								
+		R285	726.	18.33	523.	138.	133.	37.93	
+								998.60	18.33
	2 COMBINED AT								
+		CP287	5319.	18.58	3724.	1362.	1312.	88.27	
	ROUTED TO								
+		SR287	4450.	19.58	3604.	1346.	1296.	88.27	
+								994.06	19.67
	ROUTED TO								
		R287	4446.	19.83	3602.	1320.	1271.	88.27	
+								986.19	19.92
	HYDROGRAPH AT								
+		298	591.	13.00	122.	30.	29.	.84	

	2 COMBINED AT								
+		CP298	4446.	19.83	3602.	1348.	1299.	89.11	
	ROUTED TO								
		SR298	4443.	19.92	3600.	1338.	1289.	89.11	
+									980.27 19.92
	ROUTED TO								
+		R298	4438.	20.17	3599.	1305.	1257.	89.11	
+									975.95 20.25
	HYDROGRAPH AT								
+		316	512.	13.17	122.	31.	29.	.82	
	2 COMBINED AT								
+		CP316	4438.	20.17	3599.	1333.	1284.	89.93	
	ROUTED TO								
+		R316	4432.	20.33	3596.	1308.	1260.	89.93	
+									962.36 20.42
	HYDROGRAPH AT								
+		334	452.	13.00	95.	24.	23.	.64	
	2 COMBINED AT								
+		1I334	4432.	20.33	3596.	1330.	1281.	90.57	
	HYDROGRAPH AT								
+		D285	274.	18.08	195.	52.	50.	37.93	
	ROUTED TO								
+		R285	273.	18.33	195.	52.	50.	37.93	
+									996.18 18.33
	HYDROGRAPH AT								
+		D285A	246.	17.83	238.	94.	91.	37.89	
	ROUTED TO								
+		R285A	246.	18.25	237.	92.	89.	37.89	
+									996.90 18.25
	HYDROGRAPH AT								
+		297A	206.	12.92	39.	10.	9.	.27	
	2 COMBINED AT								
+		1I297A	246.	18.25	238.	102.	98.	38.16	
	2 COMBINED AT								
+		CP297A	519.	18.33	432.	153.	148.	38.20	
	ROUTED TO								
+		R297A	510.	19.92	427.	146.	140.	38.20	
+									984.55 20.00
	HYDROGRAPH AT								
		315	278.	13.25	68.	17.	16.	.47	
	2 COMBINED AT								
+		CP315	510.	19.92	427.	162.	156.	38.67	
	ROUTED TO								
+		R315	508.	20.67	424.	148.	142.	38.67	

+								962.48	20.67
	2 COMBINED AT								
+		CP334	4915.	20.33	4007.	1473.	1419.	91.31	
	ROUTED TO								
+		R334	4906.	20.58	4005.	1444.	1391.	91.31	
+								1052.96	20.67
	HYDROGRAPH AT								
+		335	277.	12.92	54.	13.	13.	.35	
	2 COMBINED AT								
+		CP335	4906.	20.58	4005.	1457.	1403.	91.66	
	ROUTED TO								
+		R335	4899.	20.75	4003.	1436.	1383.	91.66	
+								942.41	20.83
	HYDROGRAPH AT								
+		299	289.	13.00	61.	15.	15.	.40	
	ROUTED TO								
+		R299	227.	14.33	61.	15.	15.	.40	
+								978.48	14.42
	HYDROGRAPH AT								
+		317	341.	13.25	82.	21.	20.	.57	
	2 COMBINED AT								
+		CP317	341.	13.25	141.	36.	34.	.97	
	ROUTED TO								
+		R317	311.	13.83	138.	36.	34.	.97	
+								939.00	13.83
	HYDROGRAPH AT								
+		300	353.	12.83	66.	16.	16.	.39	
	ROUTED TO								
+		R300	264.	14.17	65.	16.	16.	.39	
+								974.41	14.25
	HYDROGRAPH AT								
+		318	581.	12.67	97.	27.	26.	.62	
	2 COMBINED AT								
+		CP318	580.	12.67	156.	43.	41.	1.01	
	ROUTED TO								
+		R318	530.	12.92	154.	43.	41.	1.01	
+								1061.41	12.92
	HYDROGRAPH AT								
+		301	535.	12.17	46.	12.	12.	.30	
	ROUTED TO								
+		R301	175.	14.00	46.	12.	12.	.30	
+								970.29	14.17
	HYDROGRAPH AT								
+		319	577.	12.50	84.	23.	23.	.54	

	2 COMBINED AT								
+		CP319	578.	12.50	127.	36.	34.	.84	
	ROUTED TO								
+		R319	520.	12.83	126.	36.	34.	.84	
+									1061.42 12.83
	HYDROGRAPH AT								
+		337	744.	12.25	84.	25.	24.	.49	
	3 COMBINED AT								
+		CP337	1120.	12.83	357.	103.	99.	2.34	
	ROUTED TO								
+		SR337	373.	13.50	335.	103.	99.	2.34	
+									958.33 13.50
	DIVERSION TO								
+		DI367	373.	13.50	335.	103.	99.	2.34	
	HYDROGRAPH AT								
+		D337	0.	.08	0.	0.	0.	2.34	
	ROUTED TO								
+		R337	0.	.08	0.	0.	0.	2.34	
+									1052.00 .00
	2 COMBINED AT								
+		1I336	311.	13.83	138.	36.	34.	33.31	
	2 COMBINED AT								
+		2I336	4899.	20.75	4010.	1468.	1414.	94.97	
	HYDROGRAPH AT								
+		336	552.	13.92	206.	57.	55.	1.28	
	2 COMBINED AT								
+		CP336	4899.	20.75	4013.	1519.	1463.	96.25	
	ROUTED TO								
+		SR336	4897.	20.83	4012.	1515.	1459.	96.25	
+									934.34 20.83
	HYDROGRAPH AT								
+		336A	149.	14.00	54.	14.	13.	.37	
	2 COMBINED AT								
+		CP336A	4897.	20.83	4012.	1527.	1471.	96.62	
	ROUTED TO								
+		R336A	4895.	20.92	4011.	1512.	1457.	96.62	
+									1030.05 20.92
	HYDROGRAPH AT								
		364A	99.	12.25	9.	2.	2.	.07	
	2 COMBINED AT								
+		1I364A	4895.	20.92	4011.	1514.	1459.	96.69	
	HYDROGRAPH AT								
+		336B	168.	12.00	9.	2.	2.	.08	

	ROUTED TO								
+		SR336B	101.	12.17	9.	2.	2.	.08	
+									923.48	12.17
	ROUTED TO								
+		R336B	90.	12.33	9.	2.	2.	.08	
+									918.18	12.33
	2 COMBINED AT								
+		CP364A	4895.	20.92	4011.	1516.	1461.	96.77	
	DIVERSION TO								
+		DI363	1782.	20.92	1458.	547.	527.	96.77	
	HYDROGRAPH AT								
+		D364A	3112.	20.92	2553.	969.	933.	96.77	
	ROUTED TO								
+		R364A	3108.	21.17	2552.	933.	898.	96.77	
+									916.27	21.25
	HYDROGRAPH AT								
+		365	272.	12.83	47.	12.	11.	.38	
	ROUTED TO								
+		R365	179.	14.50	45.	12.	11.	.38	
+									913.87	14.67
	HYDROGRAPH AT								
		364	559.	13.00	115.	29.	28.	.78	
	2 COMBINED AT								
+		1I364	558.	13.00	157.	41.	39.	1.16	
	2 COMBINED AT								
+		CP364	3110.	21.17	2554.	970.	934.	97.93	
	ROUTED TO								
+		SR364	3110.	21.17	2554.	961.	926.	97.93	
+									912.34	21.25
	DIVERSION TO								
+		DIGILA	470.	21.17	405.	167.	161.	97.93	
	HYDROGRAPH AT								
+		D364	2640.	21.17	2150.	794.	765.	97.93	
	ROUTED TO								
+		R364	2625.	22.17	2133.	729.	702.	97.93	
+									906.37	22.25
	HYDROGRAPH AT								
+		D364A	1782.	20.92	1458.	547.	527.	96.77	
	ROUTED TO								
		R364A	1777.	21.67	1455.	484.	466.	96.77	
+									906.33	21.67
	HYDROGRAPH AT								
+		363	360.	13.25	91.	23.	22.	.63	

	2 COMBINED AT								
+		1I363	1777.	21.67	1455.	505.	486.	97.40	
	2 COMBINED AT								
		2I363	4372.	22.00	3587.	1233.	1188.	98.56	
	HYDROGRAPH AT								
+		314	293.	13.00	61.	15.	15.	.42	
	ROUTED TO								
+		R314	212.	14.75	60.	15.	15.	.42	
+									964.49 14.83
	HYDROGRAPH AT								
+		333	388.	13.08	84.	21.	20.	.58	
	2 COMBINED AT								
+		CP333	388.	13.08	137.	36.	35.	1.00	
	ROUTED TO								
+		R333	361.	13.42	136.	36.	35.	1.00	
+									944.36 13.42
	HYDROGRAPH AT								
+		348A	229.	12.58	32.	8.	8.	.22	
	2 COMBINED AT								
+		CP348A	379.	13.42	165.	44.	42.	1.22	
	ROUTED TO								
		R348A	363.	13.67	164.	44.	42.	1.22	
+									1030.86 13.67
	HYDROGRAPH AT								
+		348B	355.	13.33	92.	23.	22.	.66	
	2 COMBINED AT								
+		CP348B	667.	13.42	253.	67.	65.	1.88	
	ROUTED TO								
+		SR348B	645.	13.58	253.	67.	65.	1.88	
+									914.58 13.67
	ROUTED TO								
+		R348B	617.	14.25	246.	67.	64.	1.88	
+									905.63 14.25
	2 COMBINED AT								
+		3I363	4392.	22.00	3610.	1294.	1246.	100.44	
	HYDROGRAPH AT								
+		348	283.	12.75	50.	12.	12.	.34	
	ROUTED TO								
+		SR348	280.	12.83	49.	12.	12.	.34	
+									908.40 12.83
	DIVERSION TO								
+		DI347	0.	.08	0.	0.	0.	.34	
	HYDROGRAPH AT								
+		D348	280.	12.83	49.	12.	12.	.34	

	ROUTED TO								
+		R348	248.	13.33	48.	12.	12.	.34	
+									905.39	13.33
	2 COMBINED AT								
+		CP363	4392.	22.00	3610.	1305.	1257.	100.78	
	ROUTED TO								
+		R363	4387.	22.33	3542.	1207.	1163.	100.78	
+									904.53	22.58
	HYDROGRAPH AT								
+		362	339.	12.83	63.	16.	15.	.42	
	2 COMBINED AT								
+		1I362	4387.	22.33	3542.	1222.	1177.	101.20	
	HYDROGRAPH AT								
+		265	118.	13.33	31.	8.	8.	.22	
	ROUTED TO								
+		R265	104.	14.08	31.	8.	8.	.22	
+									1036.55	14.17
	HYDROGRAPH AT								
+		D250A	3.	14.58	1.	0.	0.	33.84	
	ROUTED TO								
+		R250A	3.	16.33	1.	0.	0.	33.84	
									1034.01	16.33
	HYDROGRAPH AT								
+		265A	627.	13.08	137.	34.	33.	.95	
	2 COMBINED AT								
+		1I265A	601.	13.08	132.	33.	32.	34.79	
	2 COMBINED AT								
+		CP265A	604.	13.08	161.	40.	39.	35.01	
	ROUTED TO								
+		R265A	509.	14.00	159.	40.	39.	35.01	
+									1015.00	14.08
	HYDROGRAPH AT								
+		281	487.	13.25	122.	31.	29.	.85	
	2 COMBINED AT								
+		CP281	742.	13.92	270.	70.	67.	35.86	
	ROUTED TO								
+		SR281	732.	14.00	259.	66.	64.	35.86	
+									1008.53	14.00
	DIVERSION TO								
		DI280	55.	14.00	20.	5.	5.	35.86	
	HYDROGRAPH AT								
+		D281	676.	14.00	240.	61.	59.	35.86	
	ROUTED TO								

+	R281	669.	14.17	239.	61.	59.	35.86		
+								1002.33	14.17
HYDROGRAPH AT									
	282	161.	12.33	17.	4.	4.	.12		
2 COMBINED AT									
+	CP282	669.	14.17	252.	65.	63.	35.98		
ROUTED TO									
+	SR282	562.	14.58	252.	65.	63.	35.98		
+								1002.91	14.58
ROUTED TO									
+	R282	538.	15.58	245.	65.	63.	35.98		
+								1095.02	15.67
HYDROGRAPH AT									
+	232	1006.	12.42	109.	27.	26.	.93		
ROUTED TO									
+	R232	800.	12.83	109.	27.	26.	.93		
+								1046.78	12.83
HYDROGRAPH AT									
+	246	670.	12.50	84.	21.	20.	.75		
2 COMBINED AT									
+	CP246	1239.	12.58	193.	48.	46.	1.68		
ROUTED TO									
+	R246	1207.	12.83	193.	48.	46.	1.68		
+								1114.01	12.83
HYDROGRAPH AT									
+	260	536.	12.33	56.	15.	14.	.50		
2 COMBINED AT									
+	CP260	1336.	12.75	249.	63.	61.	2.18		
ROUTED TO									
+	R260	1291.	12.92	249.	63.	60.	2.18		
+								1093.24	13.00
HYDROGRAPH AT									
+	273	671.	12.42	75.	19.	18.	.65		
2 COMBINED AT									
+	CP273	1407.	12.83	323.	82.	79.	2.83		
ROUTED TO									
+	SR273	1398.	12.92	323.	82.	79.	2.83		
+								1057.40	13.00
DIVERSION TO									
+	DI292	979.	12.92	278.	71.	68.	2.83		
HYDROGRAPH AT									
+	D273	419.	12.92	45.	11.	11.	2.83		
ROUTED TO									
+	R273	404.	13.08	45.	11.	11.	2.83		

+								1050.74	13.17
	HYDROGRAPH AT								
+		261	264.	13.17	62.	16.	15.	.41	
	HYDROGRAPH AT								
+		D247	0.	.08	0.	0.	0.	.50	
	ROUTED TO								
+		R247	0.	.08	0.	0.	0.	.50	
+								1100.00	.00
	2 COMBINED AT								
+		CP261	264.	13.17	62.	16.	15.	.91	
	DIVERSION TO								
+		DI277	98.	13.17	22.	5.	5.	.91	
	HYDROGRAPH AT								
+		D261	166.	13.17	40.	10.	10.	.91	
	ROUTED TO								
+		R261	149.	13.75	40.	10.	10.	.91	
+								1070.70	13.75
	HYDROGRAPH AT								
+		274	329.	13.50	94.	23.	23.	.66	
	2 COMBINED AT								
		1I274	465.	13.58	134.	33.	32.	1.57	
	2 COMBINED AT								
+		CP274	687.	13.17	178.	45.	43.	4.40	
	ROUTED TO								
+		SR274	682.	13.17	178.	45.	43.	4.40	
+								1045.57	13.25
	DIVERSION TO								
+		2D292	682.	13.17	178.	45.	43.	4.40	
	HYDROGRAPH AT								
+		D274	0.	.08	0.	0.	0.	4.40	
	ROUTED TO								
+		R274	0.	.08	0.	0.	0.	4.40	
+								1042.00	.00
	HYDROGRAPH AT								
+		275	136.	12.42	17.	4.	4.	.11	
	2 COMBINED AT								
+		CP275	135.	12.42	17.	4.	4.	4.51	
	ROUTED TO								
		SR275	90.	12.67	17.	4.	4.	4.51	
								1039.57	12.67
	DIVERSION TO								
+		1D293	90.	12.67	17.	4.	4.	4.51	
	HYDROGRAPH AT								

+		D275	0.	.08	0.	0.	0.	4.51		
	ROUTED TO									
+		R275	0.	.08	0.	0.	0.	4.51		
									1040.00	.00
	HYDROGRAPH AT									
+		276	187.	13.00	38.	10.	9.	.26		
	2 COMBINED AT									
+		CP276	186.	13.00	38.	9.	9.	4.77		
	ROUTED TO									
+		SR276	186.	13.00	38.	9.	9.	4.77		
+									1036.06	13.00
	DIVERSION TO									
+		2D293	89.	13.00	28.	7.	7.	4.77		
	HYDROGRAPH AT									
+		D276	98.	13.00	9.	2.	2.	4.77		
	ROUTED TO									
+		R276	84.	13.25	9.	2.	2.	4.77		
+									1032.59	13.25
	HYDROGRAPH AT									
+		D248	1955.	13.67	630.	158.	152.	17.54		
	ROUTED TO									
		R248	1926.	13.92	629.	158.	152.	17.54		
+									1071.64	14.00
	HYDROGRAPH AT									
+		262	616.	13.25	149.	37.	36.	1.03		
	2 COMBINED AT									
+		CP262	2219.	13.83	770.	194.	187.	18.57		
	DIVERSION TO									
+		1D278	676.	13.83	256.	64.	62.	18.57		
	HYDROGRAPH AT									
+		D262	1543.	13.83	515.	130.	125.	18.57		
	DIVERSION TO									
+		DI263	1024.	13.83	356.	90.	87.	18.57		
	HYDROGRAPH AT									
+		D262	519.	13.83	158.	40.	38.	18.57		
	ROUTED TO									
+		R262	485.	14.58	158.	40.	38.	18.57		
+									1046.66	14.67
	HYDROGRAPH AT									
		D261	98.	13.17	22.	5.	5.	.91		
	ROUTED TO									
+		R261	32.	18.00	21.	5.	5.	.91		
+									1066.08	19.08

	HYDROGRAPH AT								
+		277	570.	13.08	127.	32.	31.	.91	
	2 COMBINED AT								
		1I277	569.	13.08	127.	38.	36.	1.82	
	2 COMBINED AT								
+		2I277	556.	13.08	274.	76.	74.	19.48	
	2 COMBINED AT								
+		CP277	606.	13.17	279.	78.	75.	24.25	
	ROUTED TO								
+		SR277	583.	13.25	279.	78.	75.	24.25	
+									1025.94 13.25
	DIVERSION TO								
+		3D293	583.	13.25	279.	78.	75.	24.25	
	HYDROGRAPH AT								
+		D277	0.	.08	0.	0.	0.	24.25	
	ROUTED TO								
+		R277	0.	.08	0.	0.	0.	24.25	
+									1022.00 .00
	HYDROGRAPH AT								
+		279D	33.	12.17	3.	1.	1.	.02	
	2 COMBINED AT								
		CP279D	32.	12.17	3.	1.	1.	24.27	
	ROUTED TO								
+		SR279D	32.	12.25	3.	1.	1.	24.27	
+									1023.59 12.25
	DIVERSION TO								
+		1D294	31.	12.25	3.	1.	1.	24.27	
	HYDROGRAPH AT								
+		D279D	0.	12.25	0.	0.	0.	24.27	
	ROUTED TO								
+		R279D	0.	12.42	0.	0.	0.	24.27	
+									1022.00 12.33
	HYDROGRAPH AT								
+		279C	78.	12.25	8.	2.	2.	.05	
	2 COMBINED AT								
+		CP279C	76.	12.25	8.	2.	2.	24.32	
	ROUTED TO								
+		SR279C	45.	12.50	8.	2.	2.	24.32	
+									1021.39 12.50
	DIVERSION TO								
+		2D294	45.	12.50	8.	2.	2.	24.32	
	HYDROGRAPH AT								
+		D279C	0.	.08	0.	0.	0.	24.32	

	ROUTED TO								
+		R279C	0.	.08	0.	0.	0.	24.32	
+								1022.00	.00
	HYDROGRAPH AT								
+		279B	46.	12.25	4.	1.	1.	.03	
	2 COMBINED AT								
+		CP279B	45.	12.25	4.	1.	1.	24.32	
	ROUTED TO								
+		SR279B	47.	12.25	4.	1.	1.	24.32	
+								1020.09	12.25
	DIVERSION TO								
+		1D294A	10.	12.25	2.	0.	0.	24.32	
	HYDROGRAPH AT								
+		D279B	37.	12.25	2.	1.	1.	24.32	
	ROUTED TO								
+		R279B	22.	13.00	2.	1.	1.	24.32	
+								1022.10	13.00
	HYDROGRAPH AT								
+		279A	89.	12.33	10.	3.	2.	.07	
	2 COMBINED AT								
+		CP279A	88.	12.42	12.	3.	3.	24.42	
	ROUTED TO								
+		SR279A	67.	12.58	12.	3.	3.	24.42	
+								1015.68	12.58
	DIVERSION TO								
+		2D294A	67.	12.58	12.	3.	3.	24.42	
	HYDROGRAPH AT								
+		D279A	0.	.08	0.	0.	0.	24.42	
	ROUTED TO								
+		R279A	0.	.08	0.	0.	0.	24.42	
+								1022.00	.00
	HYDROGRAPH AT								
+		279	79.	12.25	7.	2.	2.	.05	
	2 COMBINED AT								
+		1I279	76.	12.25	7.	2.	2.	24.47	
	HYDROGRAPH AT								
+		D262	1024.	13.83	356.	90.	87.	18.57	
	ROUTED TO								
+		R262	1005.	14.17	355.	90.	87.	18.57	
								1053.66	14.17
	HYDROGRAPH AT								
+		263	328.	13.08	72.	18.	17.	.50	
	2 COMBINED AT								
+		CP263	1071.	14.08	423.	108.	104.	19.07	

	DIVERSION TO								
+		2D278	731.	14.08	297.	76.	73.	19.07		
	HYDROGRAPH AT								
+		D263	340.	14.08	126.	32.	31.	19.07		
	ROUTED TO								
+		R263	333.	14.33	126.	32.	31.	19.07		
+									1046.53	14.33
	HYDROGRAPH AT								
+		D249	77.	14.00	24.	6.	6.	28.84		
	ROUTED TO								
+		R249	72.	14.75	24.	6.	6.	28.84		
+									1056.45	14.83
	HYDROGRAPH AT								
+		264	337.	13.00	70.	18.	17.	.50		
	2 COMBINED AT								
+		1I264	324.	13.00	91.	23.	22.	29.34		
	2 COMBINED AT								
+		CP264	412.	14.33	212.	54.	52.	30.87		
	ROUTED TO								
+		R264	394.	15.25	204.	54.	52.	30.87		
+									1026.72	15.25
	HYDROGRAPH AT								
+		D262	676.	13.83	256.	64.	62.	18.57		
	ROUTED TO								
+		R262	643.	15.58	254.	64.	62.	18.57		
+									1038.97	15.58
	HYDROGRAPH AT								
+		D263	731.	14.08	297.	76.	73.	19.07		
	ROUTED TO								
+		R263	702.	15.17	285.	75.	72.	19.07		
+									1027.02	15.17
	2 COMBINED AT								
+		1I278	1291.	15.50	537.	139.	134.	19.07		
	2 COMBINED AT								
+		2I278	1645.	15.50	723.	191.	184.	30.87		
	HYDROGRAPH AT								
+		278	537.	13.33	138.	35.	34.	1.00		
	2 COMBINED AT								
		CP278	1660.	15.42	793.	224.	216.	31.87		
	ROUTED TO								
+		R278	1642.	15.58	792.	224.	216.	31.87		
+									1017.96	15.67
	2 COMBINED AT								

+		CP279	1632.	15.58	788.	224.	216.	36.14	
	ROUTED TO								
+		SR279	1634.	15.67	788.	224.	216.	36.14	
								1015.15	15.75
	DIVERSION TO								
+		3D294A	738.	15.67	433.	133.	128.	36.14	
	HYDROGRAPH AT								
+		D279	896.	15.67	355.	92.	88.	36.14	
	ROUTED TO								
+		R279	816.	16.17	351.	92.	88.	36.14	
+								1012.23	16.17
	HYDROGRAPH AT								
+		280	340.	13.33	89.	22.	21.	.61	
	HYDROGRAPH AT								
+		D281	55.	14.00	20.	5.	5.	35.86	
	ROUTED TO								
+		R281	55.	14.08	20.	5.	5.	35.86	
+								1008.09	14.08
	2 COMBINED AT								
+		1I280	358.	13.33	104.	26.	25.	36.47	
	2 COMBINED AT								
		CP280	826.	16.17	419.	117.	112.	43.77	
	ROUTED TO								
+		SR280	594.	16.83	390.	117.	112.	43.77	
+								1009.52	16.92
	ROUTED TO								
+		R280	585.	17.58	389.	117.	112.	43.77	
+								1010.29	17.58
	HYDROGRAPH AT								
+		280A	53.	12.75	9.	2.	2.	.06	
	2 COMBINED AT								
+		CP280A	585.	17.58	389.	119.	114.	43.83	
	ROUTED TO								
+		SR280A	583.	17.67	385.	108.	104.	43.83	
+								1008.92	17.75
	ROUTED TO								
+		R280A	578.	18.92	371.	99.	96.	43.83	
+								996.57	19.00
	HYDROGRAPH AT								
		296	565.	13.00	117.	29.	28.	.81	
	3 COMBINED AT								
+		CP296	674.	18.83	485.	191.	184.	44.76	
	ROUTED TO								
+		R296	645.	20.00	476.	177.	171.	44.76	

+								1074.96	20.17
	HYDROGRAPH AT								
+		312	423.	13.17	97.	24.	23.	.66	
	2 COMBINED AT								
+		CP312	645.	20.00	476.	200.	193.	45.42	
	ROUTED TO								
+		R312	632.	21.25	473.	175.	168.	45.42	
+								950.72	21.50
	HYDROGRAPH AT								
+		331	489.	13.08	109.	28.	27.	.75	
	2 COMBINED AT								
+		1I331	632.	21.25	473.	201.	194.	46.17	
	HYDROGRAPH AT								
+		295A	114.	12.08	8.	2.	2.	.06	
	ROUTED TO								
+		R295A	56.	13.17	8.	2.	2.	.06	
+								978.40	13.17
	HYDROGRAPH AT								
+		311A	241.	12.92	46.	12.	11.	.31	
	2 COMBINED AT								
+		CP311A	270.	12.92	54.	14.	13.	.37	
	ROUTED TO								
+		R311A	232.	13.75	54.	14.	13.	.37	
+								954.27	13.75
	2 COMBINED AT								
+		CP331	632.	21.25	473.	214.	206.	46.54	
	HYDROGRAPH AT								
+		D279	738.	15.67	433.	133.	128.	36.14	
	ROUTED TO								
+		R279	730.	15.92	432.	133.	128.	36.14	
+								1010.28	15.92
	HYDROGRAPH AT								
+		294A	368.	12.25	34.	8.	8.	.26	
	2 COMBINED AT								
+		1I294A	730.	15.92	432.	141.	135.	36.40	
	HYDROGRAPH AT								
+		D279B	10.	12.25	2.	0.	0.	24.32	
	ROUTED TO								
		R279B	10.	12.75	2.	0.	0.	24.32	
								1010.02	12.75
	2 COMBINED AT								
+		2I294A	730.	15.92	432.	141.	136.	36.40	
	HYDROGRAPH AT								

+		D279A	67.	12.58	12.	3.	3.	24.42	
	ROUTED TO								
		R279A	59.	13.00	12.	3.	3.	24.42	
								1010.14	13.00
	2 COMBINED AT								
+		CP294A	730.	15.92	439.	144.	139.	36.40	
	ROUTED TO								
+		SR294A	729.	15.92	439.	142.	137.	36.40	
+								1008.08	16.00
	ROUTED TO								
+		R294A	722.	16.08	438.	141.	136.	36.40	
+								1102.22	16.17
	HYDROGRAPH AT								
+		295	419.	12.25	41.	10.	10.	.31	
	2 COMBINED AT								
+		CP295	722.	16.08	447.	151.	145.	36.71	
	ROUTED TO								
+		R295	708.	16.50	444.	149.	144.	36.71	
+								987.47	16.58
	HYDROGRAPH AT								
+		311	420.	13.33	107.	27.	26.	.73	
	2 COMBINED AT								
+		CP311	721.	13.00	533.	175.	169.	37.44	
	ROUTED TO								
+		R311	716.	13.33	531.	174.	167.	37.44	
+								948.08	13.42
	HYDROGRAPH AT								
+		330	467.	12.83	87.	23.	22.	.59	
	2 COMBINED AT								
+		1I330	983.	13.08	582.	195.	188.	38.03	
	2 COMBINED AT								
+		CP330	1446.	13.08	931.	407.	392.	48.59	
	ROUTED TO								
+		R330	1345.	13.58	924.	397.	382.	48.59	
+								931.41	13.58
	HYDROGRAPH AT								
+		346A	110.	13.00	23.	6.	6.	.16	
	2 COMBINED AT								
+		CP346A	1404.	13.50	935.	402.	387.	48.59	
	DIVERSION TO								
+		DI346C	1273.	13.50	880.	384.	370.	48.59	
	HYDROGRAPH AT								
+		D346A	131.	13.50	55.	18.	17.	48.59	

	ROUTED TO								
+		R346A	116.	14.58	52.	18.	17.	48.59	
+									910.63	14.67
	HYDROGRAPH AT								
+		D285B	220.	17.83	153.	50.	48.	36.31	
	ROUTED TO								
+		R285B	216.	19.00	152.	47.	45.	36.31	
+									996.38	19.08
	HYDROGRAPH AT								
+		297	240.	13.17	55.	14.	13.	.38	
	2 COMBINED AT								
+		CP297	230.	13.17	152.	60.	57.	36.69	
	ROUTED TO								
+		SR297	0.	.08	0.	0.	0.	36.69	
+									956.46	24.92
	ROUTED TO								
+		R297	0.	.08	0.	0.	0.	36.69	
+									978.00	.00
	HYDROGRAPH AT								
+		313	258.	13.17	62.	16.	15.	.43	
	2 COMBINED AT								
+		CP313	247.	13.17	59.	15.	14.	37.12	
	ROUTED TO								
+		R313	220.	13.92	59.	15.	14.	37.12	
+									960.41	13.92
	HYDROGRAPH AT								
+		332	353.	13.17	84.	21.	21.	.56	
	2 COMBINED AT								
+		CP332	388.	13.75	139.	35.	34.	37.68	
	ROUTED TO								
+		R332	362.	14.58	138.	35.	34.	37.68	
+									938.42	14.75
	HYDROGRAPH AT								
+		347	671.	13.08	148.	38.	36.	1.02	
	2 COMBINED AT								
+		1I347	641.	13.08	268.	71.	68.	38.70	
	2 COMBINED AT								
+		2I347	635.	13.08	300.	88.	84.	52.64	
	HYDROGRAPH AT								
		D348	0.	.08	0.	0.	0.	.34	
	ROUTED TO								
+		R348	0.	.08	0.	0.	0.	.34	
+									908.80	.00
	2 COMBINED AT								

+	CP347	635.	13.08	300.	88.	84.	52.98		
ROUTED TO									
+	SR347	611.	13.17	300.	88.	84.	52.98		
								908.16	13.17
ROUTED TO									
+	R347	533.	13.83	291.	85.	82.	52.98		
+								902.74	13.83
2 COMBINED AT									
+	CP362	4372.	22.42	3568.	1296.	1248.	119.10		
ROUTED TO									
+	SR362	4363.	22.50	3557.	1250.	1204.	119.10		
+								902.86	22.67
ROUTED TO									
+	R362	4349.	23.25	3184.	1017.	979.	119.10		
+								897.78	23.58
HYDROGRAPH AT									
+	378	349.	13.42	95.	24.	23.	.78		
2 COMBINED AT									
+	CP378	4349.	23.25	3184.	1038.	1000.	119.88		
HYDROGRAPH AT									
+	D223	60.	8.75	60.	53.	51.	54.67		
ROUTED TO									
	R223	60.	10.25	60.	50.	49.	54.67		
+								68.90	10.25
HYDROGRAPH AT									
+	225	460.	12.42	59.	15.	15.	.43		
2 COMBINED AT									
+	1I225	520.	12.42	119.	66.	64.	.43		
HYDROGRAPH AT									
+	225A	441.	12.42	50.	12.	12.	.37		
2 COMBINED AT									
+	CP225	959.	12.42	168.	79.	76.	.80		
ROUTED TO									
+	SR225	84.	13.42	81.	47.	45.	.80		
+								1063.81	13.50
ROUTED TO									
+	R225	84.	14.25	81.	44.	43.	.80		
+								1057.99	14.25
HYDROGRAPH AT									
	242	965.	12.67	143.	36.	34.	1.14		
2 COMBINED AT									
+	1I242	1000.	12.67	213.	80.	77.	1.94		
HYDROGRAPH AT									
+	242A	161.	12.08	10.	3.	2.	.09		

	ROUTED TO								
+		R242A	117.	12.33	10.	3.	2.	.09	
+									1051.06 12.33
	2 COMBINED AT								
+		CP242	1049.	12.58	223.	83.	80.	2.03	
	ROUTED TO								
+		R242	1047.	12.67	223.	82.	79.	2.03	
+									1042.06 12.67
	HYDROGRAPH AT								
+		243B	64.	12.67	10.	3.	3.	.07	
	2 COMBINED AT								
+		CP243B	1111.	12.67	233.	85.	82.	2.10	
	ROUTED TO								
+		R243B	1111.	12.67	233.	85.	82.	2.10	
+									1041.17 12.67
	HYDROGRAPH AT								
+		243A	253.	12.42	31.	8.	8.	.22	
	2 COMBINED AT								
+		CP243A	1261.	12.67	263.	93.	89.	2.32	
	ROUTED TO								
		R243A	1241.	12.67	262.	92.	88.	2.32	
									1031.94 12.75
	HYDROGRAPH AT								
+		227	331.	12.25	30.	8.	7.	.23	
	ROUTED TO								
+		R227	271.	12.58	30.	8.	7.	.23	
+									1051.28 12.58
	HYDROGRAPH AT								
+		228	361.	12.33	36.	9.	9.	.28	
	ROUTED TO								
+		R228	322.	12.50	36.	9.	9.	.28	
+									1051.36 12.58
	HYDROGRAPH AT								
+		229	724.	12.17	61.	16.	15.	.51	
	3 COMBINED AT								
+		CP229	863.	12.33	127.	32.	31.	1.02	
	DIVERSION TO								
+		1D230	187.	12.33	28.	7.	7.	1.02	
	HYDROGRAPH AT								
		D229	676.	12.33	99.	25.	24.	1.02	
	DIVERSION TO								
+		DI231	172.	12.33	25.	6.	6.	1.02	
	HYDROGRAPH AT								

+		D229	505.	12.33	74.	19.	18.	1.02	
	ROUTED TO								
+		R229	482.	12.58	74.	19.	18.	1.02	
								1049.07	12.58
	HYDROGRAPH AT								
+		230A	292.	12.17	21.	5.	5.	.18	
	2 COMBINED AT								
+		CP230A	530.	12.25	95.	24.	23.	1.20	
	DIVERSION TO								
+		2D230	464.	12.25	81.	20.	20.	1.20	
	HYDROGRAPH AT								
+		D230A	66.	12.25	14.	4.	3.	1.20	
	ROUTED TO								
+		R230A	63.	12.83	14.	4.	3.	1.20	
+								1044.78	12.83
	HYDROGRAPH AT								
+		244A	486.	12.17	36.	9.	9.	.31	
	2 COMBINED AT								
+		CP244A	485.	12.17	49.	13.	12.	1.51	
	ROUTED TO								
+		R244A	406.	12.42	49.	12.	12.	1.51	
								1036.46	12.42
	HYDROGRAPH AT								
+		244	200.	12.58	28.	7.	7.	.19	
	2 COMBINED AT								
+		1I244	582.	12.42	78.	20.	19.	1.70	
	HYDROGRAPH AT								
+		D229	187.	12.33	28.	7.	7.	1.02	
	ROUTED TO								
+		R229	181.	12.50	27.	7.	7.	1.02	
+								1043.68	12.50
	HYDROGRAPH AT								
+		230	56.	12.33	6.	1.	1.	.04	
	2 COMBINED AT								
+		1I230	227.	12.42	33.	8.	8.	1.06	
	HYDROGRAPH AT								
+		D230A	464.	12.25	81.	20.	20.	1.20	
	ROUTED TO								
		R230A	452.	12.33	81.	20.	20.	1.20	
								1039.46	12.33
	2 COMBINED AT								
+		CP230	672.	12.42	114.	29.	28.	1.24	
	ROUTED TO								

+	R230	652.	12.58	114.	29.	28.	1.24		
+								1034.91	12.58
2 COMBINED AT									
	CP244	1195.	12.50	192.	48.	47.	1.74		
DIVERSION TO									
+	DI245	1116.	12.50	162.	40.	39.	1.74		
HYDROGRAPH AT									
+	D244	79.	12.50	30.	8.	8.	1.74		
ROUTED TO									
+	R244	76.	12.83	30.	8.	8.	1.74		
+								1032.60	12.83
HYDROGRAPH AT									
+	243	298.	12.33	34.	8.	8.	.24		
2 COMBINED AT									
+	1I243	338.	12.42	63.	16.	16.	1.98		
2 COMBINED AT									
+	CP243	1460.	12.67	324.	108.	104.	4.30		
ROUTED TO									
+	R243	1432.	12.75	323.	107.	103.	4.30		
+								1019.59	12.75
HYDROGRAPH AT									
	D229	172.	12.33	25.	6.	6.	1.02		
ROUTED TO									
+	R229	142.	12.92	25.	6.	6.	1.02		
+								1035.90	13.00
HYDROGRAPH AT									
+	231	265.	12.42	28.	7.	7.	.35		
2 COMBINED AT									
+	CP231	279.	12.50	53.	13.	13.	1.37		
ROUTED TO									
+	R231	200.	13.83	52.	13.	13.	1.37		
+								1030.05	14.00
HYDROGRAPH AT									
+	245	181.	13.17	41.	10.	10.	.40		
HYDROGRAPH AT									
+	D244	1116.	12.50	162.	40.	39.	1.74		
ROUTED TO									
+	R244	882.	13.25	161.	40.	39.	1.74		
+								1030.87	13.33
3 COMBINED AT									
+	1I245	1056.	13.25	252.	64.	62.	2.14		
2 COMBINED AT									
+	CP245	1860.	13.17	574.	171.	164.	5.05		

+	HYDROGRAPH AT	DR228A	3212.	17.58	2894.	1064.	1025.	68.77		
	2 COMBINED AT	RCP245	3300.	17.58	2987.	1219.	1174.	73.82		
+	ROUTED TO	RR245	3295.	17.75	2986.	1193.	1149.	73.82		
+									1036.22	17.83
+	HYDROGRAPH AT	258	334.	12.42	37.	9.	9.	.38		
+	ROUTED TO	SR258	0.	.08	0.	0.	0.	.38		
+									969.35	13.67
+	2 COMBINED AT	RCP258	3295.	17.75	2986.	1193.	1149.	74.20		
+	ROUTED TO	RR258	3287.	18.08	2984.	1149.	1107.	74.20		
+									1001.22	18.17
+	HYDROGRAPH AT	258A	150.	12.25	13.	3.	3.	.12		
+	DIVERSION TO	DI272	122.	12.25	12.	3.	3.	.12		
+	HYDROGRAPH AT	D258A	28.	12.25	2.	0.	0.	.12		
+	DIVERSION TO	DI259	19.	12.25	1.	0.	0.	.12		
+	HYDROGRAPH AT	D258A	9.	12.25	1.	0.	0.	.12		
+	ROUTED TO	R258A	7.	12.75	1.	0.	0.	.12		
+									1015.04	12.75
+	HYDROGRAPH AT	257	217.	13.42	62.	16.	15.	.34		
+	DIVERSION TO	DI256	119.	13.42	23.	6.	6.	.34		
+	HYDROGRAPH AT	D257	99.	13.42	39.	10.	9.	.34		
+	ROUTED TO	R257	77.	15.50	39.	10.	9.	.34		
+									1020.31	16.08
+	HYDROGRAPH AT	271B	109.	12.83	20.	5.	5.	.15		
+	2 COMBINED AT	CP271B	109.	12.83	54.	15.	14.	.49		

ROUTED TO	R271B	97.	13.25	53.	15.	14.	.49	1015.46	13.25
HYDROGRAPH AT	271C	263.	12.17	22.	5.	5.	.18		
2 COMBINED AT	1I271C	263.	12.17	67.	20.	19.	.67		
2 COMBINED AT	CP271C	263.	12.17	68.	20.	19.	.79		
ROUTED TO	SR271C	69.	17.42	26.	6.	6.	.79	1011.57	17.75
ROUTED TO	R271C	69.	17.58	26.	6.	6.	.79	1006.20	18.08
HYDROGRAPH AT	D258A	19.	12.25	1.	0.	0.	.12		
ROUTED TO	R258A	13.	12.58	1.	0.	0.	.12	1016.08	12.58
HYDROGRAPH AT	259	242.	12.25	18.	5.	4.	.20		
2 COMBINED AT	CP259	243.	12.25	20.	5.	5.	.32		
ROUTED TO	SR259	0.	.08	0.	0.	0.	.32	1010.21	14.08
ROUTED TO	R259	0.	.08	0.	0.	0.	.32	996.00	.00
HYDROGRAPH AT	D258A	122.	12.25	12.	3.	3.	.12		
ROUTED TO	R258A	116.	12.42	12.	3.	3.	.12	1018.20	12.42
2 COMBINED AT	1I272	116.	12.42	12.	3.	3.	.32		
HYDROGRAPH AT	272	231.	12.25	18.	4.	4.	.20		
2 COMBINED AT	2I272	304.	12.25	29.	7.	7.	.52		
2 COMBINED AT	CP272	304.	12.25	39.	14.	13.	1.19		
ROUTED TO									

+	SR272	0.	.08	0.	0.	0.	1.19		
+								977.27	24.00
2 COMBINED AT									
	RCP272	3287.	18.08	2984.	1149.	1107.	75.39		
ROUTED TO									
+	RR272	3278.	18.33	2980.	1115.	1074.	75.39		
+								995.22	18.42
HYDROGRAPH AT									
+	290	413.	12.67	64.	16.	15.	.55		
ROUTED TO									
+	SR290	319.	12.92	64.	16.	15.	.55		
+								996.51	12.92
DIVERSION TO									
+	DI291	186.	12.92	16.	4.	4.	.55		
HYDROGRAPH AT									
+	D290	133.	12.92	48.	12.	12.	.55		
2 COMBINED AT									
+	RCP290	3278.	18.33	2980.	1127.	1086.	75.94		
ROUTED TO									
+	RR290	3256.	19.17	2973.	1033.	995.	75.94		
+								985.36	19.17
HYDROGRAPH AT									
+	D290	186.	12.92	16.	4.	4.	.55		
ROUTED TO									
+	R290	52.	17.67	16.	4.	4.	.55		
+								988.08	17.75
HYDROGRAPH AT									
+	291	454.	13.25	112.	28.	27.	.99		
2 COMBINED AT									
+	CP291	453.	13.25	120.	32.	31.	1.54		
ROUTED TO									
+	SR291	128.	14.33	115.	32.	31.	1.54		
+								982.80	14.33
ROUTED TO									
+	R291	128.	14.83	114.	32.	31.	1.54		
+								984.56	14.67
HYDROGRAPH AT									
+	287E	194.	12.58	28.	7.	7.	.20		
2 COMBINED AT									
	CP287E	199.	12.58	129.	39.	37.	1.74		
ROUTED TO									
+	SR287E	14.	20.58	13.	4.	4.	1.74		
+								985.23	20.25
DIVERSION TO									

+		DI302	14.	20.58	13.	4.	4.	1.74		
	HYDROGRAPH AT									
		D287E	0.	.08	0.	0.	0.	1.74		
	2 COMBINED AT									
+		RC287E	3256.	19.17	2973.	1033.	995.	77.13		
	ROUTED TO									
+		RR287E	3248.	19.33	2969.	1000.	963.	77.13		
+									975.20	19.42
	HYDROGRAPH AT									
+		254	556.	12.58	81.	20.	20.	.59		
	ROUTED TO									
+		R254	339.	14.17	76.	20.	19.	.59		
+									1020.46	14.25
	HYDROGRAPH AT									
+		269	491.	13.00	101.	25.	24.	.66		
	2 COMBINED AT									
+		CP269	491.	13.00	172.	45.	44.	1.25		
	ROUTED TO									
+		SR269	36.	16.75	17.	5.	5.	1.25		
+									1011.90	24.58
	ROUTED TO									
+		R269	17.	23.83	4.	1.	1.	1.25		
+									1000.00	.00
	HYDROGRAPH AT									
+		288A	607.	13.33	188.	47.	46.	.83		
	2 COMBINED AT									
+		CP288A	606.	13.33	188.	48.	46.	2.08		
	ROUTED TO									
+		R288A	559.	13.92	185.	47.	45.	2.08		
+									990.73	13.92
	HYDROGRAPH AT									
+		287A	331.	12.83	68.	17.	16.	.34		
	2 COMBINED AT									
+		CP287A	618.	13.83	249.	64.	62.	2.42		
	ROUTED TO									
+		SR287A	55.	14.00	55.	27.	26.	2.42		
+									980.87	16.58
	ROUTED TO									
+		R287A	55.	14.92	55.	26.	25.	2.42		
									978.10	14.92
	HYDROGRAPH AT									
+		288B	179.	13.42	54.	14.	13.	.26		
	ROUTED TO									
+		R288B	163.	14.17	53.	14.	13.	.26		

+								990.29	14.17
	HYDROGRAPH AT								
+		287B	127.	12.50	18.	4.	4.	.10	
	2 COMBINED AT								
+		1I287B	163.	14.17	68.	18.	17.	.36	
	2 COMBINED AT								
+		CP287B	212.	14.25	107.	44.	42.	2.78	
	ROUTED TO								
+		SR287B	65.	18.75	61.	25.	24.	2.78	
+								979.95	19.67
	ROUTED TO								
+		R287B	65.	19.67	61.	23.	22.	2.78	
+								978.12	20.42
	HYDROGRAPH AT								
+		D257	119.	13.42	23.	6.	6.	.34	
	ROUTED TO								
+		R257	104.	14.08	23.	6.	6.	.34	
+								1024.23	14.17
	HYDROGRAPH AT								
+		256	326.	13.00	72.	18.	17.	.43	
	2 COMBINED AT								
		CP256	325.	13.00	95.	24.	23.	.90	
	DIVERSION TO								
+		DI271A	211.	13.00	62.	16.	15.	.90	
	HYDROGRAPH AT								
+		D256	115.	13.00	33.	8.	8.	.90	
	ROUTED TO								
+		R256	106.	13.42	33.	8.	8.	.90	
+								1022.66	13.42
	HYDROGRAPH AT								
+		255	1512.	12.25	152.	41.	40.	.94	
	2 COMBINED AT								
+		CP255	1512.	12.25	183.	50.	48.	1.84	
	ROUTED TO								
+		R255	797.	13.50	177.	48.	46.	1.84	
+								1015.98	13.58
	HYDROGRAPH AT								
+		271	377.	13.25	96.	24.	23.	.57	
	2 COMBINED AT								
		1I271	1104.	13.50	265.	72.	69.	2.41	
	HYDROGRAPH AT								
+		D256	211.	13.00	62.	16.	15.	.90	
	ROUTED TO								

+	R256	193.	13.42	62.	16.	15.	.90		
+								1018.83	13.42
HYDROGRAPH AT									
	271A	95.	13.33	25.	6.	6.	.16		
2 COMBINED AT									
+	CP271A	284.	13.42	86.	22.	21.	.59		
ROUTED TO									
+	SR271A	284.	13.42	86.	22.	21.	.59		
+								1018.30	13.42
ROUTED TO									
+	R271A	215.	15.42	79.	21.	20.	.59		
+								1015.32	15.58
2 COMBINED AT									
+	CP271	1104.	13.50	330.	93.	90.	2.57		
ROUTED TO									
+	SR271	904.	13.75	290.	79.	76.	2.57		
+								1014.73	13.83
DIVERSION TO									
+	DI289	887.	13.75	287.	78.	75.	2.57		
HYDROGRAPH AT									
+	D271	32.	14.08	4.	1.	1.	2.57		
ROUTED TO									
+	R271	20.	14.92	4.	1.	1.	2.57		
+								1013.35	14.92
HYDROGRAPH AT									
+	254A	443.	12.08	40.	11.	11.	.22		
ROUTED TO									
+	R254A	304.	12.75	40.	11.	11.	.22		
+								1016.45	12.75
HYDROGRAPH AT									
+	270	446.	12.25	49.	14.	13.	.30		
2 COMBINED AT									
+	1I270	521.	12.33	89.	25.	24.	.52		
2 COMBINED AT									
+	CP270	520.	12.33	92.	26.	25.	3.09		
ROUTED TO									
+	SR270	468.	12.42	85.	22.	21.	3.09		
+								1012.77	12.42
ROUTED TO									
	R270	209.	15.50	67.	19.	18.	3.09		
								1002.33	15.67
HYDROGRAPH AT									
+	D271	887.	13.75	287.	78.	75.	2.57		
ROUTED TO									

+	R271	470.	16.25	241.	69.	66.	2.57		
+								1002.54	16.50
2 COMBINED AT									
	1I289	598.	16.17	296.	88.	84.	3.09		
HYDROGRAPH AT									
+	289	519.	13.83	189.	48.	46.	1.00		
2 COMBINED AT									
+	CP289	660.	16.17	387.	135.	130.	4.09		
ROUTED TO									
+	R289	598.	16.83	386.	130.	125.	4.09		
+								990.52	17.17
HYDROGRAPH AT									
+	287C	270.	12.67	57.	14.	14.	.23		
2 COMBINED AT									
+	1I287C	599.	16.83	391.	144.	139.	4.32		
2 COMBINED AT									
+	CP287C	649.	16.83	430.	167.	161.	7.10		
ROUTED TO									
+	SR287C	376.	19.17	340.	125.	120.	7.10		
+								978.78	19.58
ROUTED TO									
	R287C	376.	19.67	340.	120.	116.	7.10		
+								974.46	20.08
HYDROGRAPH AT									
+	289A	326.	13.17	77.	19.	18.	.50		
ROUTED TO									
+	R289A	285.	14.00	75.	19.	18.	.50		
+								990.50	14.00
HYDROGRAPH AT									
+	287D	239.	12.67	39.	10.	9.	.23		
2 COMBINED AT									
+	1I287D	293.	14.00	111.	29.	28.	.73		
2 COMBINED AT									
+	CP287D	382.	19.58	345.	149.	143.	7.83		
ROUTED TO									
+	SR287D	67.	24.92	62.	25.	24.	7.83		
+								981.50	24.92
ROUTED TO									
+	R287D	68.	.08	61.	24.	25.	7.83		
2 COMBINED AT									
+	1RC302	3282.	19.33	3009.	1018.	982.	85.71		
HYDROGRAPH AT									
+	D278E	14.	20.58	13.	4.	4.	1.74		

	ROUTED TO								
+		R287E	14.	21.08	13.	4.	4.	1.74	
+								978.02	20.50
	HYDROGRAPH AT								
+		302	242.	12.17	21.	5.	5.	.15	
	2 COMBINED AT								
+		CP302	241.	12.17	22.	10.	9.	1.89	
	ROUTED TO								
+		SR302	39.	12.58	21.	9.	9.	1.89	
+								975.84	12.58
	DIVERSION TO								
+		DI320	0.	.08	0.	0.	0.	1.89	
	HYDROGRAPH AT								
+		D302	39.	12.58	21.	9.	9.	1.89	
	2 COMBINED AT								
+		RCP302	3291.	19.42	3019.	1026.	989.	85.71	
	ROUTED TO								
+		RR302	3284.	19.75	3017.	971.	938.	85.71	
+								961.21	19.83
	HYDROGRAPH AT								
+		D302	0.	.08	0.	0.	0.	1.89	
	ROUTED TO								
+		R302	0.	.08	0.	0.	0.	1.89	
+								1065.00	.00
	HYDROGRAPH AT								
+		320	677.	12.42	88.	25.	24.	.64	
	2 COMBINED AT								
+		CP320	675.	12.42	88.	25.	24.	2.53	
	ROUTED TO								
+		SR320	51.	13.25	45.	21.	20.	2.53	
+								959.87	13.17
	DIVERSION TO								
+		DI338A	0.	.08	0.	0.	0.	2.53	
	HYDROGRAPH AT								
+		D320	51.	13.25	45.	21.	20.	2.53	
	2 COMBINED AT								
+		RCP320	3313.	19.75	3044.	990.	956.	86.35	
	ROUTED TO								
+		RR320	3300.	20.42	3038.	889.	859.	86.35	
								943.13	20.50
	HYDROGRAPH AT								
+		D320	0.	.08	0.	0.	0.	2.53	
	ROUTED TO								
+		R320	0.	.08	0.	0.	0.	2.53	

+								1045.00	.00
	HYDROGRAPH AT								
+		338A	736.	12.42	87.	24.	23.	.77	
	2 COMBINED AT								
+		CP338A	734.	12.42	86.	24.	23.	3.30	
	ROUTED TO								
+		SR338A	646.	12.50	86.	24.	23.	3.30	
+								943.54	12.50
	ROUTED TO								
+		R338A	595.	12.67	86.	24.	23.	3.30	
+								937.20	12.75
	HYDROGRAPH AT								
+		338	260.	12.58	38.	9.	9.	.31	
	2 COMBINED AT								
+		CP338	852.	12.67	124.	33.	32.	3.61	
	2 COMBINED AT								
+		RCP338	3302.	20.42	3039.	918.	887.	87.43	
	ROUTED TO								
+		RR338	3300.	20.58	3034.	889.	859.	87.43	
+								929.08	20.67
	HYDROGRAPH AT								
		367	240.	12.08	16.	4.	4.	.15	
	2 COMBINED AT								
+		1RC367	3300.	20.58	3034.	893.	862.	89.88	
	HYDROGRAPH AT								
+		D337	373.	13.50	335.	103.	99.	2.34	
	ROUTED TO								
+		R337	373.	13.75	335.	103.	99.	2.34	
	2 COMBINED AT								
+		RCP367	3325.	20.58	3058.	986.	953.	89.88	
	ROUTED TO								
+		RR367	3320.	20.92	3008.	912.	881.	89.88	
+								921.32	21.00
	HYDROGRAPH AT								
+		370	61.	12.33	5.	1.	1.	.07	
	2 COMBINED AT								
+		RCP370	3320.	20.92	3008.	913.	882.	89.99	
	ROUTED TO								
		RR370	3313.	21.42	2769.	826.	798.	89.99	
								901.23	21.50
	HYDROGRAPH AT								
+		369	133.	12.25	11.	3.	3.	.15	
	2 COMBINED AT								

+	RCP369	3313.	21.42	2769.	828.	800.	90.14		
ROUTED TO									
+	RR369	3310.	21.58	2678.	798.	772.	90.14		
								901.25	21.67
HYDROGRAPH AT									
+	366	289.	13.00	61.	15.	15.	.44		
ROUTED TO									
+	R366	158.	15.92	55.	15.	15.	.44		
+								921.29	16.08
HYDROGRAPH AT									
+	368	367.	13.58	111.	28.	27.	.83		
2 COMBINED AT									
+	CP368	367.	13.58	150.	43.	41.	1.27		
ROUTED TO									
+	SR368	221.	14.25	133.	39.	37.	1.27		
+								917.77	14.25
2 COMBINED AT									
+	RCP368	3332.	21.58	2698.	833.	805.	91.41		
ROUTED TO									
+	RR368	3327.	21.92	2453.	757.	732.	91.41		
+								891.24	22.00
HYDROGRAPH AT									
+	D364	470.	21.17	405.	167.	161.	97.93		
2 COMBINED AT									
+	RCP364	3727.	21.92	2791.	905.	875.	133.69		
ROUTED TO									
+	RR364	3716.	22.75	2229.	700.	677.	133.69		
+								891.33	22.75
2 COMBINED AT									
+	RCP378	7917.	23.25	5339.	1716.	1656.	156.07		
ROUTED TO									
+	RR378	7914.	23.42	5218.	1652.	1594.	156.07		
+								880.32	23.50
HYDROGRAPH AT									
+	377A	188.	13.00	39.	10.	9.	.27		
2 COMBINED AT									
+	RC377A	7914.	23.42	5218.	1661.	1603.	156.34		
ROUTED TO									
+	RR377A	7907.	23.58	4986.	1537.	1483.	156.34		
								877.32	23.75
HYDROGRAPH AT									
+	361	138.	13.17	33.	8.	8.	.21		
ROUTED TO									
+	SR361	0.	.08	0.	0.	0.	.21		

+								896.66	16.58
	ROUTED TO								
+		R361	0.	.08	0.	0.	0.	.21	
								894.00	.00
	HYDROGRAPH AT								
+		377	120.	12.42	15.	4.	4.	.09	
	2 COMBINED AT								
+		CP377	120.	12.42	15.	4.	4.	.30	
	ROUTED TO								
+		SR377	0.	.08	0.	0.	0.	.30	
+								892.51	13.83
	ROUTED TO								
+		R377	0.	.08	0.	0.	0.	.30	
+								1094.00	.00
	HYDROGRAPH AT								
+		377B	58.	13.58	18.	5.	4.	.12	
	2 COMBINED AT								
+		CP337B	58.	13.58	17.	5.	4.	.42	
	2 COMBINED AT								
+		RC377B	7907.	23.58	4986.	1541.	1487.	156.76	
	ROUTED TO								
		RR377B	7894.	24.08	4537.	1302.	1257.	156.76	
+								870.32	24.17
	HYDROGRAPH AT								
+		387	205.	13.00	44.	11.	11.	.25	
	2 COMBINED AT								
+		RCP387	7894.	24.08	4537.	1312.	1266.	157.01	
	ROUTED TO								
+		RR387	7890.	24.25	4401.	1243.	1200.	157.01	
+								862.16	24.33
	HYDROGRAPH AT								
+		386	222.	13.25	57.	14.	14.	.35	
	2 COMBINED AT								
+		RCP386	7890.	24.25	4401.	1256.	1213.	157.36	
	ROUTED TO								
+		RR386	7887.	24.33	4308.	1211.	1170.	157.36	
+								862.17	24.42
	HYDROGRAPH AT								
+		383A	122.	13.00	27.	7.	7.	.16	
	2 COMBINED AT								
+		RC383A	7887.	24.33	4308.	1218.	1175.	157.52	
	ROUTED TO								
+		RR383A	7882.	24.50	4063.	1120.	1081.	157.52	
+								862.31	24.58

	HYDROGRAPH AT								
+		383	154.	12.92	31.	8.	8.	.18	
	2 COMBINED AT								
		RCP383	7882.	24.50	4063.	1127.	1088.	157.70	
	ROUTED TO								
+		RR383	7878.	24.67	3817.	1055.	1019.	157.70	
+									856.31 24.75
	HYDROGRAPH AT								
+		381B	67.	12.75	12.	3.	3.	.07	
	2 COMBINED AT								
+		RC381B	7878.	24.67	3817.	1058.	1022.	157.77	
	ROUTED TO								
+		RR381B	7875.	24.75	3560.	989.	955.	157.77	
+									852.32 24.83
	HYDROGRAPH AT								
+		381	184.	12.92	39.	10.	9.	.21	
	ROUTED TO								
+		SR381	78.	13.58	16.	4.	4.	.21	
+									866.93 13.67
	ROUTED TO								
+		R381	38.	16.75	15.	4.	4.	.21	
									1062.64 17.42
	HYDROGRAPH AT								
+		380	188.	12.83	37.	9.	9.	.20	
	2 COMBINED AT								
+		CP380	188.	12.83	44.	13.	13.	.41	
	2 COMBINED AT								
+		RCP380	7874.	24.75	3565.	1000.	966.	158.18	
	HYDROGRAPH AT								
+		D273	979.	12.92	278.	71.	68.	2.83	
	ROUTED TO								
+		R273	965.	13.25	278.	71.	68.	2.83	
+									1027.72 13.33
	HYDROGRAPH AT								
+		292	1004.	12.50	131.	35.	33.	.96	
	2 COMBINED AT								
+		1I292	1237.	12.75	408.	105.	101.	3.79	
	HYDROGRAPH AT								
		D274	682.	13.17	178.	45.	43.	4.40	
	ROUTED TO								
+		R274	673.	13.33	178.	45.	43.	4.40	
+									1027.37 13.42
	2 COMBINED AT								

+		CP292	1704.	13.25	586.	150.	144.	5.36		
	DIVERSION TO								
+		1D306	894.	13.25	300.	78.	75.	5.36		
	HYDROGRAPH AT								
+		D292	810.	13.25	286.	72.	69.	5.36		
	ROUTED TO								
+		R292	800.	13.50	285.	72.	69.	5.36		
+									1011.44	13.58
	HYDROGRAPH AT								
+		D275	90.	12.67	17.	4.	4.	4.51		
	ROUTED TO								
+		R275	71.	14.08	17.	4.	4.	4.51		
+									1018.25	14.08
	HYDROGRAPH AT								
+		D276	89.	13.00	28.	7.	7.	4.77		
	ROUTED TO								
+		R276	86.	14.33	28.	7.	7.	4.77		
+									1018.32	14.42
	2 COMBINED AT								
+		1I293	150.	14.25	45.	11.	11.	4.77		
	HYDROGRAPH AT								
		293	679.	12.67	113.	29.	28.	.77		
	2 COMBINED AT								
+		2I293	677.	12.67	156.	40.	38.	5.54		
	HYDROGRAPH AT								
+		D277	583.	13.25	279.	78.	75.	24.25		
	ROUTED TO								
+		R277	543.	13.58	276.	78.	75.	24.25		
+									1011.57	13.67
	2 COMBINED AT								
+		3I293	751.	12.75	419.	116.	112.	25.02		
	2 COMBINED AT								
+		CP293	1408.	13.50	693.	185.	178.	25.98		
	ROUTED TO								
+		SR293	1394.	13.58	683.	181.	174.	25.98		
+									1007.92	13.67
	ROUTED TO								
+		R293	1367.	14.08	667.	179.	172.	25.98		
+									1007.74	14.17
	HYDROGRAPH AT								
+		293A	76.	12.50	10.	3.	2.	.07		
	2 COMBINED AT								
+		CP293A	1367.	14.08	668.	181.	174.	26.05		

	ROUTED TO								
+		SR293A	1360.	14.17	641.	171.	165.	26.05	
+								1006.10	14.25
	DIVERSION TO								
+		2D306	140.	14.17	65.	17.	17.	26.05	
	HYDROGRAPH AT								
+		D293A	1220.	14.17	575.	154.	148.	26.05	
	ROUTED TO								
+		R293A	1175.	15.25	541.	147.	142.	26.05	
+								1082.75	15.33
	HYDROGRAPH AT								
+		D279D	31.	12.25	3.	1.	1.	24.27	
	ROUTED TO								
+		R279D	26.	12.92	3.	1.	1.	24.27	
+								1016.02	12.92
	HYDROGRAPH AT								
+		D279C	45.	12.50	8.	2.	2.	24.32	
	ROUTED TO								
+		R279C	41.	13.25	8.	2.	2.	24.32	
+								1016.03	13.25
	2 COMBINED AT								
+		1I294	56.	13.08	10.	3.	2.	24.32	
	HYDROGRAPH AT								
+		294	274.	12.17	24.	6.	6.	.18	
	2 COMBINED AT								
+		CP294	264.	12.17	33.	8.	8.	24.50	
	ROUTED TO								
+		SR294	0.	.08	0.	0.	0.	24.50	
+								977.26	18.17
	ROUTED TO								
+		R294	0.	.08	0.	0.	0.	24.50	
+								990.00	.00
	HYDROGRAPH AT								
+		309	666.	13.17	157.	39.	38.	1.07	
	2 COMBINED AT								
+		1I309	645.	13.17	152.	38.	37.	25.57	
	2 COMBINED AT								
+		CP309	1190.	15.25	590.	185.	178.	27.37	
	ROUTED TO								
		R309	1088.	16.50	579.	178.	171.	27.37	
								1058.90	16.58
	HYDROGRAPH AT								
+		328	521.	12.92	103.	26.	25.	.76	
	2 COMBINED AT								

+	CP328	1086.	16.50	583.	202.	195.	28.13		
ROUTED TO									
+	R328	975.	17.33	575.	195.	187.	28.13		
								931.37	17.50
HYDROGRAPH AT									
+	344	343.	13.33	88.	22.	21.	.61		
2 COMBINED AT									
+	CP344	974.	17.33	580.	216.	208.	28.74		
HYDROGRAPH AT									
+	D292	894.	13.25	300.	78.	75.	5.36		
ROUTED TO									
+	R292	873.	13.58	300.	78.	75.	5.36		
+								1009.37	13.67
HYDROGRAPH AT									
+	D293A	140.	14.17	65.	17.	17.	26.05		
ROUTED TO									
+	R293A	139.	14.42	65.	17.	17.	26.05		
+								1005.94	14.50
2 COMBINED AT									
+	1I306	873.	13.83	360.	95.	92.	26.05		
HYDROGRAPH AT									
	306	367.	12.92	71.	18.	17.	.49		
2 COMBINED AT									
+	CP306	974.	13.00	414.	109.	105.	26.54		
ROUTED TO									
+	SR306	973.	13.50	414.	107.	103.	26.54		
+								1005.48	13.00
ROUTED TO									
+	R306	966.	13.75	410.	107.	103.	26.54		
+								996.71	13.33
HYDROGRAPH AT									
+	308	270.	12.75	46.	12.	11.	.32		
2 COMBINED AT									
+	CP308	1063.	13.25	448.	118.	114.	26.86		
ROUTED TO									
+	R308	1042.	13.58	446.	118.	114.	26.86		
+								955.83	13.58
HYDROGRAPH AT									
+	327	373.	13.00	77.	19.	18.	.53		
2 COMBINED AT									
+	CP327	1232.	13.50	513.	136.	131.	27.39		
ROUTED TO									
+	R327	1168.	13.83	513.	136.	131.	27.39		
+								931.09	13.83

	HYDROGRAPH AT								
+		343	323.	13.17	74.	19.	18.	.51	
	2 COMBINED AT								
+		1IC343	1315.	13.75	581.	154.	148.	27.90	
	2 COMBINED AT								
+		CP343	1821.	13.83	1093.	368.	355.	30.59	
	ROUTED TO								
+		R343	1787.	14.08	1089.	365.	352.	30.59	
+									1003.15 14.08
	HYDROGRAPH AT								
+		356	346.	12.58	51.	13.	12.	.35	
	2 COMBINED AT								
+		CP356	1792.	14.08	1095.	377.	363.	30.94	
	ROUTED TO								
+		SR356	1775.	14.17	1069.	355.	342.	30.94	
+									899.68 14.17
	ROUTED TO								
+		R356	1736.	14.50	1052.	346.	334.	30.94	
+									895.95 14.58
	HYDROGRAPH AT								
+		355	85.	12.92	18.	4.	4.	.10	
	2 COMBINED AT								
+		1I355	1740.	14.50	1053.	350.	338.	31.04	
	HYDROGRAPH AT								
+		307	219.	12.58	30.	8.	7.	.21	
	ROUTED TO								
+		R307	179.	13.17	30.	8.	7.	.21	
+									960.63 13.25
	HYDROGRAPH AT								
+		326	373.	13.00	79.	20.	19.	.54	
	2 COMBINED AT								
+		CP326	533.	13.08	109.	27.	26.	.75	
	ROUTED TO								
+		R326	471.	13.58	109.	27.	26.	.75	
+									932.78 13.67
	HYDROGRAPH AT								
+		342A	240.	13.17	56.	14.	13.	.38	
	2 COMBINED AT								
		CP342A	625.	13.58	164.	41.	40.	1.13	
	ROUTED TO								
+		R342A	597.	13.92	163.	41.	40.	1.13	
+									908.67 13.92
	HYDROGRAPH AT								

+		354	315.	12.58	45.	11.	11.	.31	
	2 COMBINED AT								
+		CP354	604.	13.92	206.	52.	51.	1.44	
	ROUTED TO								
+		SR354	539.	14.17	206.	52.	51.	1.44	
+									895.18 14.25
	ROUTED TO								
+		R354	479.	15.00	196.	52.	50.	1.44	
+									894.92 15.17
	2 COMBINED AT								
+		2I355	2031.	14.75	1238.	399.	385.	32.48	
	HYDROGRAPH AT								
+		310	183.	12.58	28.	7.	7.	.19	
	ROUTED TO								
+		R310	167.	12.83	28.	7.	7.	.19	
+									943.23 12.92
	HYDROGRAPH AT								
+		329	496.	12.83	89.	23.	22.	.63	
	2 COMBINED AT								
+		CP329	663.	12.83	117.	30.	29.	.82	
	ROUTED TO								
+		R329	508.	13.25	117.	30.	29.	.82	
+									930.96 13.33
	HYDROGRAPH AT								
+		345	296.	13.00	63.	16.	15.	.43	
	2 COMBINED AT								
+		CP345	756.	13.17	179.	45.	44.	1.25	
	ROUTED TO								
+		R345	730.	13.42	179.	45.	44.	1.25	
+									900.63 13.50
	HYDROGRAPH AT								
+		357	132.	12.67	20.	5.	5.	.14	
	2 COMBINED AT								
+		CP357	750.	13.42	199.	50.	49.	1.39	
	HYDROGRAPH AT								
+		346	403.	12.75	68.	17.	16.	.51	
	ROUTED TO								
+		R346	368.	13.08	68.	17.	16.	.51	
+									900.49 13.08
	HYDROGRAPH AT								
+		359	104.	12.58	14.	4.	3.	.10	
	2 COMBINED AT								
+		1I359	404.	13.00	82.	21.	20.	.61	

	2 COMBINED AT								
+		2I359	1036.	13.33	281.	71.	68.	2.00	
	HYDROGRAPH AT								
		D346A	1273.	13.50	880.	384.	370.	48.59	
	ROUTED TO								
+		R346A	1233.	14.08	871.	365.	352.	48.59	
+									915.09 14.08
	HYDROGRAPH AT								
+		346C	135.	12.50	17.	4.	4.	.12	
	2 COMBINED AT								
+		CP346C	1244.	14.08	878.	373.	359.	38.31	
	ROUTED TO								
+		SR346C	1220.	14.25	871.	360.	347.	38.31	
+									910.03 14.25
	HYDROGRAPH AT								
+		346B	159.	13.25	39.	10.	9.	.27	
	2 COMBINED AT								
+		CP346B	1268.	14.25	879.	369.	355.	38.58	
	ROUTED TO								
+		SR346B	1271.	14.25	879.	367.	353.	38.58	
+									908.81 14.33
	DIVERSION TO								
+		DI360	315.	14.25	210.	86.	83.	38.58	
	HYDROGRAPH AT								
+		D346B	956.	14.25	668.	281.	271.	38.58	
	ROUTED TO								
+		R346B	934.	14.50	665.	274.	264.	38.58	
+									902.44 14.58
	2 COMBINED AT								
+		CP359	1281.	14.42	776.	341.	328.	40.58	
	ROUTED TO								
+		SR359	803.	15.33	655.	271.	261.	40.58	
+									901.91 15.50
	ROUTED TO								
+		R359	789.	15.83	652.	255.	246.	40.58	
+									896.73 16.00
	HYDROGRAPH AT								
+		360	168.	13.00	36.	9.	9.	.25	
	2 COMBINED AT								
		1I360	789.	15.83	652.	263.	254.	40.83	
	HYDROGRAPH AT								
+		D346B	315.	14.25	210.	86.	83.	38.58	
	ROUTED TO								
+		R346B	284.	15.25	206.	79.	76.	38.58	

+								901.61	15.33
	2 COMBINED AT								
+		CP360	1026.	15.83	851.	342.	329.	40.83	
	ROUTED TO								
+		SR360	940.	16.25	841.	323.	311.	40.83	
+								895.21	16.42
	ROUTED TO								
+		R360	896.	18.00	829.	256.	246.	40.83	
+								896.92	20.75
	HYDROGRAPH AT								
+		358	119.	13.17	29.	7.	7.	.19	
	2 COMBINED AT								
+		CP358	896.	18.00	829.	263.	253.	41.02	
	ROUTED TO								
+		SR358	860.	20.92	791.	219.	211.	41.02	
+								895.47	21.33
	ROUTED TO								
+		R358	859.	21.08	791.	211.	203.	41.02	
+								895.03	21.50
	2 COMBINED AT								
+		CP355	2031.	14.75	1448.	614.	591.	48.68	
	ROUTED TO								
+		SR355	1824.	15.25	1365.	544.	524.	48.68	
+								895.16	15.33
	ROUTED TO								
+		R355	1770.	15.92	1354.	504.	486.	48.68	
+								886.22	16.00
	HYDROGRAPH AT								
+		373	386.	12.75	68.	17.	16.	.43	
	2 COMBINED AT								
+		1I373	1770.	15.92	1354.	520.	501.	49.11	
	HYDROGRAPH AT								
+		355A	46.	12.50	6.	1.	1.	.04	
	ROUTED TO								
+		SR355A	0.	.08	0.	0.	0.	.04	
+								892.56	13.92
	ROUTED TO								
+		R355A	0.	.08	0.	0.	0.	.04	
+								888.00	.00
	2 COMBINED AT								
		CP373	1770.	15.92	1354.	520.	501.	49.15	
	ROUTED TO								
+		R373	1652.	16.92	1333.	468.	451.	49.15	
+								880.93	17.00

	HYDROGRAPH AT								
+		374	459.	13.50	137.	34.	33.	.76		
	2 COMBINED AT								
		1I374	1658.	16.92	1333.	500.	482.	49.91		
	HYDROGRAPH AT								
+		375	262.	13.42	74.	19.	18.	.41		
	ROUTED TO								
+		R375	177.	16.25	64.	17.	17.	.41		
+									883.39	16.33
	2 COMBINED AT								
+		2I374	1783.	16.83	1376.	516.	497.	50.32		
	HYDROGRAPH AT								
+		376	344.	13.00	75.	19.	18.	.42		
	ROUTED TO								
+		R376	209.	15.50	67.	18.	17.	.42		
+									883.44	15.58
	2 COMBINED AT								
+		CP374	1870.	16.83	1405.	533.	513.	50.74		
	ROUTED TO								
+		R374	1618.	22.75	1341.	345.	332.	50.74		
+									1073.52	23.17
	HYDROGRAPH AT								
		305	666.	13.00	141.	35.	34.	.92		
	ROUTED TO								
+		SR305	615.	13.17	132.	33.	32.	.92		
+									1003.66	13.17
	ROUTED TO								
+		R305	592.	13.33	132.	33.	32.	.92		
+									975.95	13.33
	HYDROGRAPH AT								
+		325	294.	13.25	74.	18.	18.	.49		
	2 COMBINED AT								
+		CP325	880.	13.33	205.	51.	50.	1.41		
	ROUTED TO								
+		R325	805.	13.75	205.	51.	50.	1.41		
+									949.07	13.75
	HYDROGRAPH AT								
+		342	327.	12.83	60.	15.	14.	.39		
	2 COMBINED AT								
		CP342	858.	13.75	263.	66.	64.	1.80		
	ROUTED TO								
+		R342	838.	13.92	262.	66.	64.	1.80		
+									901.57	13.92
	HYDROGRAPH AT								

+	325A	404.	13.08	88.	22.	21.	.61		
ROUTED TO									
+	R325A	345.	14.08	88.	22.	21.	.61		
								952.97	14.08
HYDROGRAPH AT									
+	341	506.	13.08	113.	28.	27.	.79		
2 COMBINED AT									
+	CP341	518.	13.92	199.	50.	48.	1.40		
ROUTED TO									
+	R341	484.	14.58	192.	50.	48.	1.40		
+								912.40	14.67
HYDROGRAPH AT									
+	353	183.	12.75	32.	8.	8.	.22		
2 COMBINED AT									
+	1I353	488.	14.58	216.	58.	56.	1.62		
2 COMBINED AT									
+	CP353	1291.	13.92	478.	124.	120.	3.42		
ROUTED TO									
+	SR353	1288.	13.92	478.	124.	120.	3.42		
+								898.37	16.67
ROUTED TO									
	R353	1234.	14.33	471.	124.	119.	3.42		
								893.51	14.42
HYDROGRAPH AT									
+	352	150.	12.75	26.	7.	6.	.18		
2 COMBINED AT									
+	CP352	1238.	14.33	486.	130.	126.	3.60		
ROUTED TO									
+	SR352	1144.	14.67	461.	121.	117.	3.60		
+								892.88	14.67
ROUTED TO									
+	R352	915.	17.25	393.	106.	102.	3.60		
+								1072.87	17.50
HYDROGRAPH AT									
+	372	796.	13.75	262.	66.	63.	1.62		
3 COMBINED AT									
+	1I372	1929.	19.42	1515.	502.	483.	55.96		
HYDROGRAPH AT									
+	385	298.	13.17	77.	19.	19.	.39		
ROUTED TO									
+	R385	252.	14.42	74.	19.	19.	.39		
+								1076.47	14.42
HYDROGRAPH AT									
+	384	262.	12.83	55.	14.	13.	.29		

	2 COMBINED AT								
+		CP384	269.	14.33	122.	33.	32.	.65	
	ROUTED TO								
+		R384	200.	16.92	104.	30.	29.	.65	
+									1072.43 17.17
	2 COMBINED AT								
+		2I372	2007.	19.42	1554.	530.	510.	56.61	
	HYDROGRAPH AT		1179						
+		18	923.	12.17	73.	21.	20.	.81	
	ROUTED TO								
+		R18	750.	12.33	73.	21.	20.	.81	
+									1511.87 12.33
	HYDROGRAPH AT		819						
+		19	622.	12.42	71.	20.	19.	.79	
	2 COMBINED AT								
+		CP19	1353.	12.33	144.	40.	39.	1.60	
	ROUTED TO								
+		R19	1248.	12.42	144.	40.	39.	1.60	
+									1461.00 12.50
	HYDROGRAPH AT		913						
		21	688.	12.42	74.	20.	19.	.79	
	2 COMBINED AT								
+		I1CP21	1933.	12.42	217.	60.	58.	2.39	
	HYDROGRAPH AT		1218						
+		20	861.	12.33	97.	27.	26.	1.07	
	ROUTED TO								
+		SR20	0.	.08	0.	0.	0.	1.07	
+									1456.94 24.92
	ROUTED TO								
+		R20	0.	.08	0.	0.	0.	1.07	
+									1418.00 .00
	2 COMBINED AT								
+		CP21	1933.	12.42	217.	60.	58.	3.46	
	ROUTED TO								
+		SR21	191.	13.25	40.	12.	11.	3.46	
+									1347.09 14.67
	ROUTED TO								
+		R21	174.	13.42	40.	12.	11.	3.46	
+									1302.07 14.92
	HYDROGRAPH AT		310						
+		23	289.	12.08	18.	5.	5.	.16	
	2 COMBINED AT								
+		CP23	288.	12.08	55.	17.	16.	3.62	

	ROUTED TO								
+		SR23	0.	.08	0.	0.	0.	3.62	
+								1279.06	24.92
	ROUTED TO								
+		R23	0.	.08	0.	0.	0.	3.62	
+								1394.00	.00
	HYDROGRAPH AT		730						
+		22	525.	12.25	50.	14.	13.	.57	
	ROUTED TO								
+		R22	493.	12.42	50.	14.	13.	.57	
+								1289.32	12.42
	HYDROGRAPH AT		733						
+		22A	764.	12.25	69.	18.	17.	.50	
	2 COMBINED AT								
+		I1C22A	1111.	12.33	120.	31.	30.	1.07	
	2 COMBINED AT								
+		CP22A	1108.	12.33	119.	31.	30.	4.69	
	ROUTED TO								
+		R22A	1021.	12.50	119.	31.	30.	4.69	
+								1252.03	12.50
	HYDROGRAPH AT		760						
		25	500.	12.33	50.	12.	12.	.46	
	2 COMBINED AT								
+		I1CP25	1414.	12.42	169.	44.	42.	5.15	
	HYDROGRAPH AT		193						
+		24	207.	12.25	18.	5.	4.	.14	
	ROUTED TO								
+		SR24	0.	.08	0.	0.	0.	.14	
+								1217.43	13.25
	ROUTED TO								
+		R24	0.	.08	0.	0.	0.	.14	
+								1228.00	.00
	2 COMBINED AT								
+		CP25	1414.	12.42	169.	44.	42.	5.29	
	ROUTED TO								
+		SR25	1374.	12.50	146.	37.	36.	5.29	
+								1214.98	12.50
	HYDROGRAPH AT		1333						
+		26	943.	12.50	115.	30.	29.	1.16	
	ROUTED TO								
		R26	886.	12.67	115.	30.	29.	1.16	
+								1243.62	12.67
	HYDROGRAPH AT		1153						
+		27	999.	12.42	110.	28.	27.	1.00	

	2 COMBINED AT								
+		I1CP27	1648.	12.50	225.	57.	55.	2.16	
	ROUTED TO								
		SR27	1642.	12.50	205.	52.	50.	2.16	
									1214.44 12.50
	2 COMBINED AT								
+		CP27	3011.	12.50	350.	88.	85.	7.45	
	ROUTED TO								
+		R27	2725.	12.75	350.	88.	85.	7.45	
+									1205.94 12.75
	HYDROGRAPH AT		457						
+		34	361.	12.25	33.	9.	9.	.36	
	HYDROGRAPH AT		811						
+		33	643.	12.25	59.	17.	16.	.65	
	2 COMBINED AT								
+		CP33	1003.	12.25	91.	26.	25.	1.01	
	ROUTED TO								
+		R33	955.	12.33	91.	26.	25.	1.01	
+									1683.10 12.33
	HYDROGRAPH AT		510						
+		35	400.	12.25	35.	10.	10.	.39	
	2 COMBINED AT								
		I1CP35	1297.	12.25	127.	36.	35.	1.40	
	HYDROGRAPH AT		1154						
+		32	956.	12.42	117.	33.	32.	1.29	
	2 COMBINED AT								
+		CP35	2155.	12.33	243.	69.	67.	2.69	
	ROUTED TO								
+		R35	2089.	12.42	243.	69.	67.	2.69	
+									1427.76 12.42
	HYDROGRAPH AT		301						
+		36	193.	12.25	16.	4.	4.	.24	
	2 COMBINED AT								
+		I1CP36	2217.	12.42	258.	73.	70.	2.93	
	HYDROGRAPH AT		909						
+		37	672.	12.42	85.	24.	23.	.95	
	2 COMBINED AT								
+		CP36	2886.	12.42	343.	97.	93.	3.88	
	ROUTED TO								
		R36	2810.	12.50	343.	96.	93.	3.88	
+									1341.00 12.50
	HYDROGRAPH AT		91.						
+		38	715.	12.25	64.	17.	17.	.76	

	2 COMBINED AT								
+		CP38	3253.	12.42	407.	113.	109.	4.64	
	ROUTED TO								
		SR38	3220.	12.50	357.	93.	90.	4.64	
+									1300.13 12.50
	ROUTED TO								
+		R38	3133.	12.58	355.	93.	90.	4.64	
+									1205.54 12.58
	HYDROGRAPH AT		628						
+		39	588.	12.50	74.	18.	18.	.77	
	2 COMBINED AT								
+		I1CP39	3708.	12.58	427.	112.	108.	5.41	
	2 COMBINED AT								
+		CP39	6110.	12.67	765.	197.	190.	12.86	
	ROUTED TO								
+		R39	6018.	12.67	765.	197.	190.	12.86	
+									1138.53 12.75
	HYDROGRAPH AT		1.8						
+		40	525.	12.25	48.	13.	13.	.52	
	ROUTED TO								
+		R40	427.	12.50	48.	13.	13.	.52	
									1111.34 12.50
	HYDROGRAPH AT		1.8						
+		42	1029.	12.50	131.	33.	32.	1.18	
	2 COMBINED AT								
+		I1CP42	1454.	12.50	179.	46.	44.	1.70	
	2 COMBINED AT								
+		CP42	7140.	12.67	934.	241.	232.	14.56	
	ROUTED TO								
+		SR42	6601.	12.75	797.	205.	198.	14.56	
+									1102.23 12.83
	ROUTED TO								
+		R42	6765.	12.83	797.	205.	198.	14.56	
+									1088.69 12.83
	HYDROGRAPH AT								
+		41A1	48.	12.00	3.	1.	1.	.02	
	ROUTED TO								
+		SR41A1	23.	12.17	3.	1.	1.	.02	
+									1135.75 12.17
	DIVERSION TO								
		1D303	23.	12.17	3.	1.	1.	.02	
	HYDROGRAPH AT								
+		CP41A1	0.	.08	0.	0.	0.	.02	
	ROUTED TO								

+	R41A1	0.	.08	0.	0.	0.	.02		
+								1141.00	.00
HYDROGRAPH AT									
	41A2	60.	12.00	3.	1.	1.	.03		
2 COMBINED AT									
+	CP41A2	60.	12.00	3.	1.	1.	.05		
ROUTED TO									
+	SR41A2	60.	12.00	3.	1.	1.	.05		
+								1135.66	12.08
DIVERSION TO									
+	2D303	24.	12.00	2.	0.	0.	.05		
HYDROGRAPH AT									
+	CP41A2	36.	12.00	1.	0.	0.	.05		
ROUTED TO									
+	R41A2	25.	12.08	1.	0.	0.	.05		
+								1134.19	12.08
HYDROGRAPH AT									
+	41A3	69.	12.00	4.	1.	1.	.03		
2 COMBINED AT									
+	CP41A3	86.	12.08	5.	1.	1.	.08		
ROUTED TO									
	SR41A3	24.	12.25	5.	1.	1.	.08		
+								1131.18	12.25
DIVERSION TO									
+	3D303	24.	12.25	5.	1.	1.	.08		
HYDROGRAPH AT									
+	CP41A3	0.	.08	0.	0.	0.	.08		
ROUTED TO									
+	R41A3	0.	.08	0.	0.	0.	.08		
+								1129.00	.00
HYDROGRAPH AT									
+	41A	91.	12.08	5.	1.	1.	.05		
2 COMBINED AT									
+	CP41A	91.	12.08	5.	1.	1.	.13		
ROUTED TO									
+	SR41A	23.	12.25	5.	1.	1.	.13		
+								1126.26	12.25
DIVERSION TO									
+	4D303	23.	12.25	5.	1.	1.	.13		
HYDROGRAPH AT									
+	CP41A	0.	.08	0.	0.	0.	.13		
ROUTED TO									
+	R41A	0.	.08	0.	0.	0.	.13		
+								1116.00	.00

	HYDROGRAPH AT								
+		41-1	208.	12.17	14.	3.	3.	.15	
	2 COMBINED AT								
+		CP41-1	208.	12.17	14.	3.	3.	.28	
	ROUTED TO								
+		SR41-1	148.	12.33	14.	3.	3.	.28	
+									1116.03 12.33
	DIVERSION TO								
+		5D303	45.	12.33	11.	3.	3.	.28	
	HYDROGRAPH AT								
+		CP41-1	103.	12.33	2.	1.	1.	.28	
	ROUTED TO								
+		R41-1	38.	12.42	2.	1.	1.	.28	
+									1100.11 12.50
	HYDROGRAPH AT								
+		41-2	143.	12.17	9.	2.	2.	.10	
	2 COMBINED AT								
+		CP41-2	143.	12.17	12.	3.	3.	.38	
	ROUTED TO								
+		SR41-2	33.	12.50	12.	3.	3.	.38	
+									1101.42 12.42
	DIVERSION TO								
+		6D303	33.	12.50	12.	3.	3.	.38	
	HYDROGRAPH AT								
+		CP41-2	0.	.08	0.	0.	0.	.38	
	ROUTED TO								
+		R41-2	0.	.08	0.	0.	0.	.38	
+									1096.00 .00
	HYDROGRAPH AT								
+		41	567.	12.42	64.	16.	16.	.58	
	2 COMBINED AT								
+		CP41	567.	12.42	64.	16.	16.	.68	
	ROUTED TO								
+		SR41	531.	12.50	64.	16.	16.	.68	
+									1100.02 12.58
	DIVERSION TO								
+		7D303	47.	12.50	26.	7.	6.	.68	
	HYDROGRAPH AT								
		CP41	484.	12.50	38.	9.	9.	.68	
	ROUTED TO								
+		R41	465.	12.58	38.	9.	9.	.68	
+									1095.38 12.58
	HYDROGRAPH AT								

+		43-1	76.	12.08	5.	1.	1.	.04		
	2 COMBINED AT									
+		CP43-1	465.	12.58	42.	11.	10.	1.00		
	ROUTED TO									
+		SR43-1	282.	12.83	42.	11.	10.	1.00		
+									1094.94	12.83
	DIVERSION TO									
+		1D303A	282.	12.83	42.	11.	10.	1.00		
	HYDROGRAPH AT									
+		CP43-1	0.	.08	0.	0.	0.	1.00		
	ROUTED TO									
+		R43-1	0.	.08	0.	0.	0.	1.00		
+									1093.00	.00
	HYDROGRAPH AT									
+		43-2	19.	12.00	1.	0.	0.	.01		
	2 COMBINED AT									
+		CP43-2	19.	12.00	1.	0.	0.	1.01		
	ROUTED TO									
+		SR43-2	10.	12.17	1.	0.	0.	1.01		
+									1093.36	12.17
	DIVERSION TO									
		2D303A	10.	12.17	1.	0.	0.	1.01		
	HYDROGRAPH AT									
+		CP43-2	0.	.08	0.	0.	0.	1.01		
	ROUTED TO									
+		R43-2	0.	.08	0.	0.	0.	1.01		
+									1093.00	.00
	HYDROGRAPH AT									
+		43-3	107.	12.00	6.	1.	1.	.05		
	2 COMBINED AT									
+		CP43-3	107.	12.00	6.	1.	1.	1.06		
	ROUTED TO									
+		SR43-3	23.	12.17	5.	1.	1.	1.06		
+									1093.79	12.17
	DIVERSION TO									
+		3D303A	23.	12.17	5.	1.	1.	1.06		
	HYDROGRAPH AT									
+		CP43-3	0.	.08	0.	0.	0.	1.06		
	ROUTED TO									
		R43-3	0.	.08	0.	0.	0.	1.06		
+									1093.00	.00
	HYDROGRAPH AT									
+		43-4	64.	12.00	3.	1.	1.	.03		

	2 COMBINED AT								
+		CP43-4	64.	12.00	3.	1.	1.	1.09	
	ROUTED TO								
+		SR43-4	21.	12.17	3.	1.	1.	1.09	
								1094.17	12.17
	DIVERSION TO								
+		DI43-4	21.	12.17	3.	1.	1.	1.09	
	HYDROGRAPH AT								
+		CP43-4	0.	.08	0.	0.	0.	1.09	
	ROUTED TO								
+		R43-4	0.	.08	0.	0.	0.	1.09	
+								1093.00	.00
	HYDROGRAPH AT								
+		43-5	43.	12.00	2.	1.	1.	.02	
	2 COMBINED AT								
+		CP43-5	43.	12.00	2.	1.	1.	1.11	
	ROUTED TO								
+		SR43-5	19.	12.17	2.	1.	1.	1.11	
+								1091.68	12.17
	DIVERSION TO								
+		DI43-5	19.	12.17	2.	1.	1.	1.11	
	HYDROGRAPH AT								
+		CP43-5	0.	.08	0.	0.	0.	1.11	
	ROUTED TO								
+		R43-5	0.	.08	0.	0.	0.	1.11	
+								1092.00	.00
	HYDROGRAPH AT								
+		43-6	45.	12.00	2.	1.	1.	.02	
	2 COMBINED AT								
+		CP43-6	45.	12.00	2.	1.	1.	1.13	
	ROUTED TO								
+		SR43-6	6.	12.17	2.	1.	1.	1.13	
+								1089.99	12.17
	DIVERSION TO								
+		DI43-6	6.	12.17	2.	1.	1.	1.13	
	HYDROGRAPH AT								
+		CP43-6	0.	.08	0.	0.	0.	1.13	
	ROUTED TO								
+		R43-6	0.	.08	0.	0.	0.	1.13	
								1090.00	.00
	HYDROGRAPH AT								
+		43-7	45.	12.00	2.	1.	1.	.02	
	2 COMBINED AT								
+		CP43-7	45.	12.00	2.	1.	1.	1.15	

	ROUTED TO								
+		SR43-7	20.	12.08	2.	1.	1.	1.15	
+								1089.50	12.08
	DIVERSION TO								
+		DI43-7	20.	12.08	2.	1.	1.	1.15	
	HYDROGRAPH AT								
+		CP43-7	0.	.08	0.	0.	0.	1.15	
	ROUTED TO								
+		R43-7	0.	.08	0.	0.	0.	1.15	
+								1090.00	.00
	HYDROGRAPH AT								
+		43-8	23.	12.00	1.	0.	0.	.01	
	2 COMBINED AT								
+		CP43-8	23.	12.00	1.	0.	0.	1.16	
	ROUTED TO								
+		SR43-8	12.	12.08	1.	0.	0.	1.16	
+								1086.51	12.08
	DIVERSION TO								
+		DI43-8	12.	12.08	1.	0.	0.	1.16	
	HYDROGRAPH AT								
+		CP43-8	0.	.08	0.	0.	0.	1.16	
	ROUTED TO								
+		R43-8	0.	.08	0.	0.	0.	1.16	
+								1088.00	.00
	HYDROGRAPH AT								
+		43	23.	12.00	1.	0.	0.	.01	
	2 COMBINED AT								
+		I1CP43	22.	12.00	1.	0.	0.	1.17	
	2 COMBINED AT								
+		CP43	6786.	12.83	799.	206.	198.	13.90	
	ROUTED TO								
+		SR43	5503.	12.92	799.	206.	198.	13.90	
+								1092.87	13.00
	DIVERSION TO								
+		DI43	1441.	12.92	80.	20.	19.	13.90	
	HYDROGRAPH AT								
+		CP43	4061.	12.92	719.	186.	179.	13.90	
	ROUTED TO								
		RD43	4023.	13.00	717.	186.	179.	13.90	
								1068.76	13.08
	HYDROGRAPH AT								
+		CP43-4	21.	12.17	3.	1.	1.	1.09	
	ROUTED TO								

after storage route

east overflow

↑ last 5 or 29 cells. Interpolated Stage

Doing this to be consistent to Read

+		RD43-4	14.	12.67	3.	1.	1.	1.09	
+								1060.42	12.67
	HYDROGRAPH AT								
		CP43-5	19.	12.17	2.	1.	1.	1.11	
	ROUTED TO								
+		RD43-5	13.	12.58	2.	1.	1.	1.11	
+								1060.41	12.58
	2 COMBINED AT								
+		I1CWT4	27.	12.67	5.	1.	1.	.05	
	HYDROGRAPH AT								
+		CP43-6	6.	12.17	2.	1.	1.	1.13	
	ROUTED TO								
+		RD43-6	4.	13.17	2.	1.	1.	1.13	
+								1060.21	13.33
	2 COMBINED AT								
+		I2CWT4	29.	12.67	8.	2.	2.	.07	
	HYDROGRAPH AT								
+		CP43-7	20.	12.08	2.	1.	1.	1.15	
	ROUTED TO								
+		RD43-7	12.	12.58	2.	1.	1.	1.15	
+								1060.38	12.58
	2 COMBINED AT								
+		I3CWT4	41.	12.58	10.	3.	2.	.09	
	HYDROGRAPH AT								
+		CP43-8	12.	12.08	1.	0.	0.	1.16	
	ROUTED TO								
+		RD43-8	5.	12.58	1.	0.	0.	1.16	
+								1060.24	12.58
	2 COMBINED AT								
+		I4CWT4	46.	12.58	11.	3.	3.	.10	
	HYDROGRAPH AT								
+		44	300.	12.25	25.	6.	6.	.22	
	2 COMBINED AT								
+		I5CWT4	323.	12.25	36.	9.	9.	.32	
	2 COMBINED AT								
+		I6CWT4	4057.	13.00	747.	195.	187.	14.12	
	HYDROGRAPH AT								
+		45-1	143.	12.08	9.	2.	2.	.08	
	HYDROGRAPH AT								
		CP43	1441.	12.92	80.	20.	19.	13.90	
	2 COMBINED AT								
+		CP45-1	1440.	12.92	90.	22.	22.	13.98	
	ROUTED TO								

+		SR45-1	1428.	13.00	90.	22.	22.	13.98	
+									1086.77	13.08
	DIVERSION TO								
		DI45-1	325.	13.00	35.	9.	9.	13.98	
	HYDROGRAPH AT								
+		CP45-1	1104.	13.00	54.	14.	13.	13.98	
	ROUTED TO								
+		R45-1	989.	13.08	54.	14.	13.	13.98	
+									1084.55	13.17
	HYDROGRAPH AT								
+		45	401.	12.42	48.	12.	12.	.38	
	2 COMBINED AT								
+		CP45	1030.	13.08	101.	25.	24.	14.36	
	ROUTED TO								
+		SR45	815.	13.17	101.	25.	24.	14.36	
+									1084.85	13.25
	DIVERSION TO								
+		DI45	330.	13.17	85.	21.	21.	14.36	
	HYDROGRAPH AT								
+		CP45	485.	13.17	16.	4.	4.	14.36	
	ROUTED TO								
		R45	318.	13.25	16.	4.	4.	14.36	
+									1080.00	.00
	HYDROGRAPH AT								
+		46-1	184.	12.25	18.	4.	4.	.15	
	2 COMBINED AT								
+		CP46-1	316.	13.25	33.	8.	8.	14.51	
	ROUTED TO								
+		SR46-1	118.	13.42	33.	8.	8.	14.51	
+									1080.94	12.50
	DIVERSION TO								
+		DI46-1	118.	13.42	33.	8.	8.	14.51	
	HYDROGRAPH AT								
+		CP46-1	0.	.08	0.	0.	0.	14.51	
	ROUTED TO								
+		R46-1	0.	.08	0.	0.	0.	14.51	
+									1074.00	.00
	HYDROGRAPH AT								
+		46	651.	12.58	94.	24.	23.	.85	
	2 COMBINED AT								
+		I1CP46	637.	12.58	92.	23.	22.	15.36	
	HYDROGRAPH AT								
+		28	747.	12.50	89.	22.	22.	.86	

	ROUTED TO								
+		R28	738.	12.50	89.	22.	22.	.86	
+								1164.12	12.50
	HYDROGRAPH AT								
+		30	244.	12.33	21.	5.	5.	.28	
	2 COMBINED AT								
+		I1CP30	879.	12.50	110.	28.	27.	1.14	
	HYDROGRAPH AT								
+		29	228.	12.25	18.	5.	4.	.22	
	ROUTED TO								
+		SR29	0.	.08	0.	0.	0.	.22	
+								1168.31	13.17
	ROUTED TO								
+		R29	0.	.08	0.	0.	0.	.22	
+								1166.00	.00
	2 COMBINED AT								
+		CP30	879.	12.50	110.	28.	27.	1.36	
	ROUTED TO								
+		R30	809.	12.67	110.	28.	27.	1.36	
+								1154.38	12.67
	HYDROGRAPH AT								
		31	525.	12.50	63.	16.	15.	.71	
	2 COMBINED AT								
+		CP31	1258.	12.58	173.	43.	42.	2.07	
	ROUTED TO								
+		R31	1220.	12.75	173.	43.	42.	2.07	
+								1091.99	12.75
	2 COMBINED AT								
+		CP46	1737.	12.67	259.	65.	63.	17.43	
	ROUTED TO								
+		SR46	1705.	12.75	259.	65.	63.	17.43	
+								1070.76	12.75
	ROUTED TO								
+		R46	1591.	12.92	259.	65.	63.	17.43	
+								1063.02	12.92
	HYDROGRAPH AT								
+		CP45-1	325.	13.00	35.	9.	9.	13.98	
	ROUTED TO								
+		RD45-1	263.	13.25	35.	9.	9.	13.98	
+								1061.61	13.33
	HYDROGRAPH AT								
+		CP45	330.	13.17	85.	21.	21.	14.36	
	ROUTED TO								
+		RD45	314.	13.42	85.	21.	21.	14.36	
+								1061.73	13.42

	2 COMBINED AT								
+		I7CWT4	552.	13.25	120.	30.	29.	14.36	
	HYDROGRAPH AT								
+		CP46-1	118.	13.42	33.	8.	8.	14.51	
	ROUTED TO								
+		RD46-1	108.	13.75	33.	8.	8.	14.51	
+									1061.15 12.83
	2 COMBINED AT								
+		I8CWT4	618.	13.25	153.	38.	37.	14.51	
	HYDROGRAPH AT								
+		WT4	997.	12.25	88.	22.	21.	.77	
	2 COMBINED AT								
+		I9CWT4	1048.	12.25	237.	60.	57.	15.28	
	2 COMBINED AT								
+		I10WT4	2009.	13.00	491.	123.	119.	18.20	
	2 COMBINED AT								
+		CPWT4	6026.	13.00	1228.	316.	304.	18.57	
	ROUTED TO								
+		RS47	0.	.08	0.	0.	0.	18.57	
+									1040.07 24.92
	HYDROGRAPH AT								
+		CP43-1	282.	12.83	42.	11.	10.	1.00	
	ROUTED TO								
+		R43-1	290.	13.42	42.	11.	10.	1.00	
+									1076.42 13.50
	HYDROGRAPH AT								
+		CP43-2	10.	12.17	1.	0.	0.	1.01	
	ROUTED TO								
+		R43-2	4.	13.92	1.	0.	0.	1.01	
+									1075.99 13.83
	HYDROGRAPH AT								
+		CP43-3	23.	12.17	5.	1.	1.	1.06	
	ROUTED TO								
+		R43-3	15.	13.75	5.	1.	1.	1.06	
+									1068.06 13.83
	HYDROGRAPH AT								
+		303A	531.	12.25	49.	12.	12.	.42	
	4 COMBINED AT								
		1C303A	530.	12.25	97.	24.	24.	1.48	
	2 COMBINED AT								
+		CP303A	516.	12.25	94.	24.	23.	18.99	
	ROUTED TO								
+		R303A	446.	12.50	94.	24.	23.	18.99	

+								1039.33	12.50
	HYDROGRAPH AT								
+		304	1221.	12.33	128.	32.	31.	1.10	
	2 COMBINED AT								
+		CP304	1646.	12.42	225.	56.	54.	2.58	
	ROUTED TO								
+		R304	1507.	12.58	224.	56.	54.	2.58	
+								1002.68	12.58
	HYDROGRAPH AT								
+		323	181.	12.33	18.	5.	4.	.15	
	2 COMBINED AT								
+		CP323	1600.	12.58	242.	61.	59.	2.73	
	ROUTED TO								
+		SR323	1578.	12.58	219.	55.	53.	2.73	
+								1001.91	12.58
	DIVERSION TO								
+		DI321	122.	12.58	45.	11.	11.	2.73	
	HYDROGRAPH AT								
+		D323	1456.	12.58	175.	44.	42.	2.73	
	ROUTED TO								
+		R323	1003.	13.25	172.	44.	42.	2.73	
								990.62	13.33
	HYDROGRAPH AT								
+		324	279.	12.83	53.	13.	13.	.36	
	2 COMBINED AT								
+		CP324	1180.	13.25	221.	57.	55.	3.09	
	ROUTED TO								
+		R324	949.	13.67	219.	57.	55.	3.09	
+								933.16	13.75
	HYDROGRAPH AT								
+		340	348.	13.00	72.	18.	17.	.48	
	2 COMBINED AT								
+		CP340	1090.	13.67	284.	75.	72.	3.57	
	ROUTED TO								
+		R340	992.	14.00	282.	75.	72.	3.57	
+								909.95	14.08
	HYDROGRAPH AT								
+		351	607.	12.83	113.	28.	27.	.76	
	2 COMBINED AT								
		CP351	1053.	14.00	386.	103.	99.	4.33	
	ROUTED TO								
+		SR351	1003.	14.08	386.	103.	99.	4.33	
+								894.17	14.25

	ROUTED TO								
+		R351	921.	14.75	379.	102.	98.	4.33	
+									1092.70	14.92
	HYDROGRAPH AT								
+		352A	89.	13.08	20.	5.	5.	.13	
	2 COMBINED AT								
+		CP352A	925.	14.75	391.	107.	103.	4.46	
	ROUTED TO								
+		SR352A	897.	14.92	354.	95.	91.	4.46	
+									891.48	15.00
	DIVERSION TO								
+		DI350	100.	14.92	39.	11.	10.	4.46	
	HYDROGRAPH AT								
+		D352A	797.	14.92	314.	84.	81.	4.46	
	ROUTED TO								
+		R352A	759.	15.83	299.	83.	80.	4.46	
+									874.76	16.00
	2 COMBINED AT								
+		CP372	2124.	19.42	1616.	602.	580.	61.07	
	DIVERSION TO								
+		DI371	1681.	19.42	1302.	492.	474.	61.07	
	HYDROGRAPH AT								
+		D372	443.	19.42	314.	110.	106.	61.07	
	DIVERSION TO								
+		DI379	63.	19.42	36.	10.	10.	61.07	
	HYDROGRAPH AT								
+		2D372	380.	19.42	278.	100.	96.	61.07	
	ROUTED TO								
+		R372	373.	19.67	275.	96.	93.	61.07	
+									1068.07	19.83
	HYDROGRAPH AT								
+		382	539.	13.17	136.	34.	33.	.71	
	2 COMBINED AT								
+		CP382	556.	13.17	275.	128.	123.	61.78	
	ROUTED TO								
+		R382	332.	16.75	189.	70.	67.	61.78	
+									861.23	16.83
	HYDROGRAPH AT								
+		D372	63.	19.42	36.	10.	10.	61.07	
	ROUTED TO								
+		R372	3.	24.92	0.	0.	0.	61.07	
+									860.51	24.92
	2 COMBINED AT								
+		1I379	332.	16.75	189.	70.	67.	61.78	

	HYDROGRAPH AT								
+		381A	115.	12.58	17.	4.	4.	.10	
	ROUTED TO								
+		SR381A	0.	.08	0.	0.	0.	.10	
+									865.43	14.50
	ROUTED TO								
+		R381A	0.	.08	0.	0.	0.	.10	
+									860.50	.00
	2 COMBINED AT								
+		2I379	332.	16.75	189.	70.	67.	61.88	
	HYDROGRAPH AT								
+		379	220.	13.58	67.	17.	16.	.46	
	2 COMBINED AT								
+		3I379	337.	16.75	189.	86.	82.	62.24	
	HYDROGRAPH AT								
+		D41A1	23.	12.17	3.	1.	1.	.02	
	ROUTED TO								
+		R41A1	13.	13.58	3.	1.	1.	.02	
+									1104.08	13.58
	HYDROGRAPH AT								
+		D41A2	24.	12.00	2.	0.	0.	.05	
	ROUTED TO								
+		R41A2	12.	13.50	2.	0.	0.	.05	
+									1104.08	13.50
	2 COMBINED AT								
+		1I303	25.	13.58	5.	1.	1.	.05	
	HYDROGRAPH AT								
+		D41A3	24.	12.25	5.	1.	1.	.08	
	ROUTED TO								
+		R41A3	15.	14.50	5.	1.	1.	.08	
+									1104.11	14.58
	2 COMBINED AT								
+		2I303	27.	13.67	9.	2.	2.	.08	
	HYDROGRAPH AT								
+		D41A	23.	12.25	5.	1.	1.	.13	
	ROUTED TO								
+		R41A	13.	14.67	5.	1.	1.	.13	
+									1104.09	14.75
	2 COMBINED AT								
		3I303	32.	14.42	14.	4.	3.	.13	
	HYDROGRAPH AT								
+		D41-1	45.	12.33	11.	3.	3.	.28	
	ROUTED TO								

+	R41-1	33.	14.25	11.	3.	3.	.28		
+								1079.38	14.25
2 COMBINED AT									
	4I303	65.	14.25	25.	6.	6.	.28		
HYDROGRAPH AT									
+	D41-2	33.	12.50	12.	3.	3.	.38		
ROUTED TO									
+	R41-2	29.	14.58	11.	3.	3.	.38		
+								1079.34	14.67
2 COMBINED AT									
+	5I303	90.	14.50	35.	9.	9.	.38		
HYDROGRAPH AT									
+	D41	47.	12.50	26.	7.	6.	.68		
ROUTED TO									
+	R41	44.	14.67	25.	7.	6.	.68		
+								1079.46	14.67
2 COMBINED AT									
+	6I303	132.	14.50	60.	16.	15.	.96		
HYDROGRAPH AT									
+	303	910.	12.67	138.	35.	33.	1.21		
2 COMBINED AT									
	CP303	911.	12.67	192.	50.	49.	2.17		
ROUTED TO									
+	R303	890.	12.67	191.	50.	49.	2.17		
+								1018.24	12.75
HYDROGRAPH AT									
+	321	942.	12.17	74.	18.	18.	.66		
2 COMBINED AT									
+	1I321	1309.	12.25	264.	69.	66.	2.83		
HYDROGRAPH AT									
+	D323	122.	12.58	45.	11.	11.	2.73		
ROUTED TO									
+	R323	98.	13.25	44.	11.	11.	2.73		
+								1000.39	13.33
2 COMBINED AT									
+	CP321	1309.	12.25	306.	80.	77.	4.60		
ROUTED TO									
+	SR321	931.	12.75	224.	58.	56.	4.60		
+								1001.17	12.75
ROUTED TO									
+	R321	855.	13.00	220.	58.	56.	4.60		
+								993.47	13.08
HYDROGRAPH AT									
+	322	261.	12.92	51.	13.	12.	.34		

	2 COMBINED AT								
+		CP322	1104.	13.00	265.	71.	68.	4.94	
	ROUTED TO								
+		R322	861.	13.42	261.	71.	68.	4.94	
+									969.03 13.58
	HYDROGRAPH AT								
+		339	625.	13.17	150.	38.	36.	1.00	
	2 COMBINED AT								
+		CP339	1396.	13.33	402.	108.	104.	5.94	
	ROUTED TO								
+		R339	1260.	13.92	396.	107.	103.	5.94	
+									907.37 14.00
	HYDROGRAPH AT								
+		349	654.	13.00	137.	34.	33.	.93	
	2 COMBINED AT								
+		CP349	1430.	13.83	514.	141.	136.	6.87	
	ROUTED TO								
+		SR349	1416.	13.92	514.	141.	136.	6.87	
+									895.06 14.00
	ROUTED TO								
+		R349	1376.	14.25	510.	141.	136.	6.87	
									890.29 14.33
	HYDROGRAPH AT								
+		350	106.	13.33	27.	7.	7.	.19	
	2 COMBINED AT								
+		1I350	1417.	14.25	532.	148.	143.	7.06	
	HYDROGRAPH AT								
+		D352A	100.	14.92	39.	11.	10.	4.46	
	ROUTED TO								
+		R352A	64.	19.33	29.	7.	7.	4.46	
+									889.47 19.75
	2 COMBINED AT								
+		CP350	1417.	14.25	532.	155.	150.	8.79	
	ROUTED TO								
+		SR350	1374.	14.42	503.	143.	138.	8.79	
+									889.29 14.42
	ROUTED TO								
+		R350	1316.	14.92	491.	141.	136.	8.79	
+									878.99 15.00
	HYDROGRAPH AT								
+		371	487.	13.67	154.	39.	37.	.93	
	2 COMBINED AT								
+		1I371	1499.	14.83	595.	179.	173.	9.72	

```
        HYDROGRAPH AT
+                       D372     1681.   19.42       1302.       492.       474.      61.07

        ROUTED TO
                        R372     1570.   20.67       1227.       393.       379.      61.07
                                                                                     864.86      20.92

        2 COMBINED AT
+                       CP371    1698.   20.67       1315.       556.       536.      65.40

        ROUTED TO
+                       R371     1635.   21.67       1238.       467.       449.      65.40
+                                                                                     862.37      21.92

        2 COMBINED AT
+                       CP379    1797.   21.67       1425.       551.       531.      65.96

        ROUTED TO
+                       SR379    1769.   21.83       1408.       538.       518.      65.96
+                                                                                     861.15      22.17

        2 COMBINED AT
+                       CPWTAF   9330.   24.92       4819.      1487.      1435.     183.74
1                          SUMMARY OF DAM OVERTOPPING/BREACH ANALYSIS FOR STATION    SRWT3


PLAN  1 ...............                 INITIAL VALUE     SPILLWAY CREST     TOP OF DAM
                          ELEVATION        1174.00           1209.00           1212.10
                          STORAGE                0.              3012.              4041.
                          OUTFLOW                0.                 0.             18460.


              RATIO     MAXIMUM     MAXIMUM     MAXIMUM     MAXIMUM     DURATION     TIME OF     TIME OF
               OF       RESERVOIR   DEPTH       STORAGE     OUTFLOW     OVER TOP     MAX OUTFLOW FAILURE
              PMF       W.S.ELEV    OVER DAM    AC-FT       CFS         HOURS        HOURS       HOURS

              1.00      1198.35     .00         755.        0.          .00          .00         .00


PLAN  2 ...............                 INITIAL VALUE     SPILLWAY CREST     TOP OF DAM
                          ELEVATION        1174.00           1209.00           1212.10
                          STORAGE                0.              3012.              4041.
                          OUTFLOW                0.                 0.             18460.


              RATIO     MAXIMUM     MAXIMUM     MAXIMUM     MAXIMUM     DURATION     TIME OF     TIME OF
               OF       RESERVOIR   DEPTH       STORAGE     OUTFLOW     OVER TOP     MAX OUTFLOW FAILURE
              PMF       W.S.ELEV    OVER DAM    AC-FT       CFS         HOURS        HOURS       HOURS

              1.00      1198.25     .00         742.        0.          .00          .00         .00


PLAN  3 ...............                 INITIAL VALUE     SPILLWAY CREST     TOP OF DAM
                          ELEVATION        1174.00           1209.00           1212.10
                          STORAGE                0.              3012.              4041.
                          OUTFLOW                0.                 0.             18460.


              RATIO     MAXIMUM     MAXIMUM     MAXIMUM     MAXIMUM     DURATION     TIME OF     TIME OF
               OF       RESERVOIR   DEPTH       STORAGE     OUTFLOW     OVER TOP     MAX OUTFLOW FAILURE
              PMF       W.S.ELEV    OVER DAM    AC-FT       CFS         HOURS        HOURS       HOURS
```

1.00	1197.82	.00	690.	0.	.00	.00	.00

PLAN 4 .....

	INITIAL VALUE	SPILLWAY CREST	TOP OF DAM
ELEVATION	1174.00	1209.00	1212.10
STORAGE	0.	3012.	4041.
OUTFLOW	0.	0.	18460.

RATIO OF PMF	MAXIMUM RESERVOIR W.S.ELEV	MAXIMUM DEPTH OVER DAM	MAXIMUM STORAGE AC-FT	MAXIMUM OUTFLOW CFS	DURATION OVER TOP HOURS	TIME OF MAX OUTFLOW HOURS	TIME OF FAILURE HOURS
1.00	1197.64	.00	668.	0.	.00	.00	.00

PLAN 5 .....

	INITIAL VALUE	SPILLWAY CREST	TOP OF DAM
ELEVATION	1174.00	1209.00	1212.10
STORAGE	0.	3012.	4041.
OUTFLOW	0.	0.	18460.

RATIO OF PMF	MAXIMUM RESERVOIR W.S.ELEV	MAXIMUM DEPTH OVER DAM	MAXIMUM STORAGE AC-FT	MAXIMUM OUTFLOW CFS	DURATION OVER TOP HOURS	TIME OF MAX OUTFLOW HOURS	TIME OF FAILURE HOURS
1.00	1197.48	.00	648.	0.	.00	.00	.00

RMAL END OF HEC-1 ***

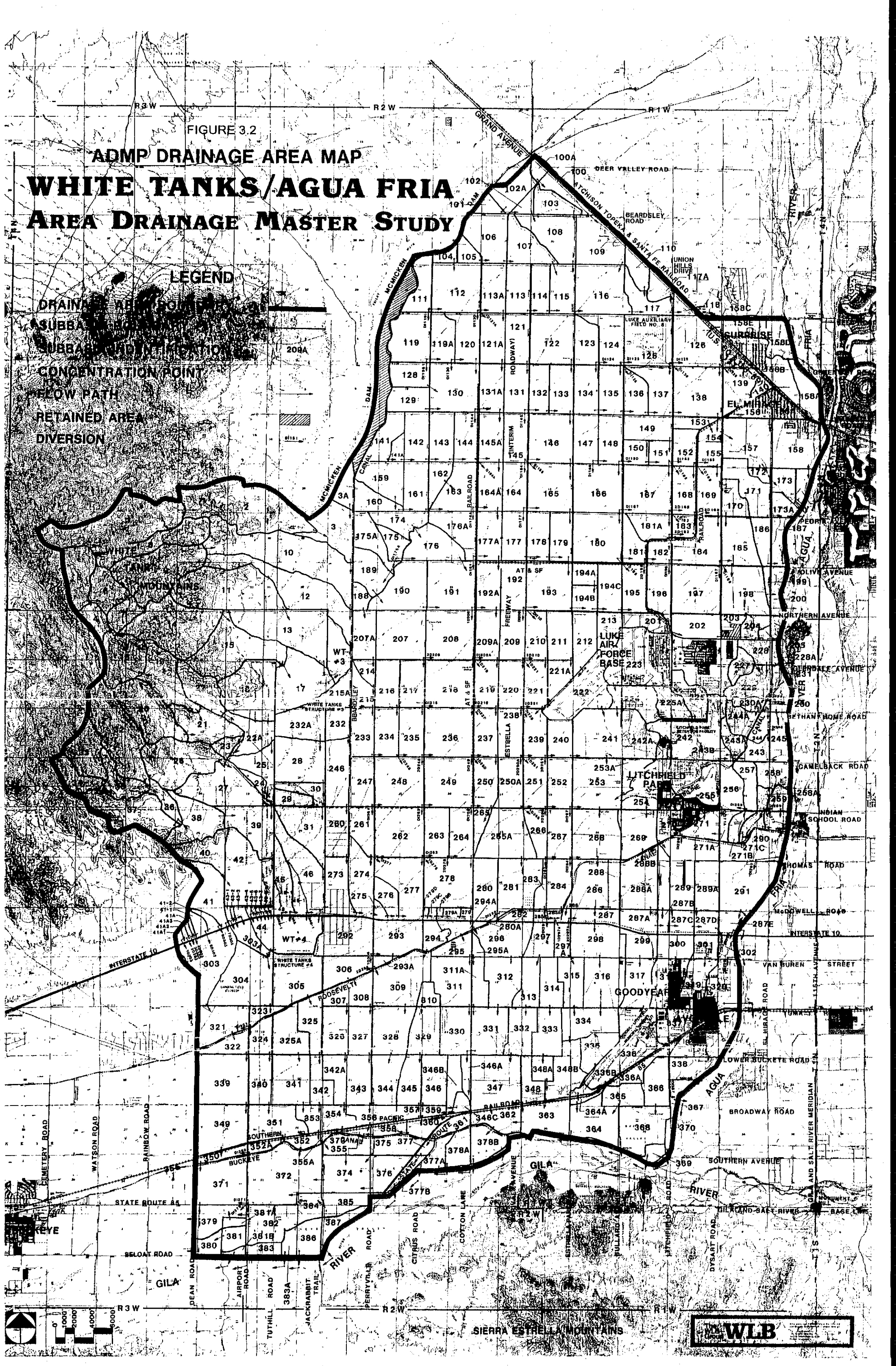
FIGURE 3.2
ADMP DRAINAGE AREA MAP
WHITE TANKS/AGUA FRIA
AREA DRAINAGE MASTER STUDY
LEGEND
CONCENTRATION POINT
FLOW PATH
RETAINED AREA
DIVERSION
R3W
R2W
R1W
GRAND AVENUE
DEER VALLEY ROAD
BEARDSLEY ROAD
UNION HILLS DRIVE
ATCHISON TOPEKA & SANTA FE RAILROAD
MCMICKEN DAM
MCMICKEN CANAL
WHITE TANKS MOUNTAINS
WT-#3
WT-#4
LUKE AUXILIARY FIELD NO. 8
SURPRISE
EL MIRAGE
LUKE AIR FORCE BASE
LITCHFIELD PARK
GOODYEAR
AVONDALE
GILA
INTERSTATE 10
ROOSEVELT
PEORIA AVENUE
OLIVE AVENUE
NORTHERN AVENUE
GLENDALE AVENUE
BETHANY HOME ROAD
CAMELBACK ROAD
INDIAN SCHOOL ROAD
THOMAS ROAD
McDOWELL ROAD
VAN BUREN STREET
LOWER BUCKEYE ROAD
BROADWAY ROAD
SOUTHERN AVENUE
GILA AND SALT RIVER
BASE LINE
GILA AND SALT RIVER MERIDIAN
AGUA FRIA RIVER
SIERRA ESTRELLA MOUNTAINS
WLB