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APPENDIX A

ADMP HYDROLOGIC ANALYSIS

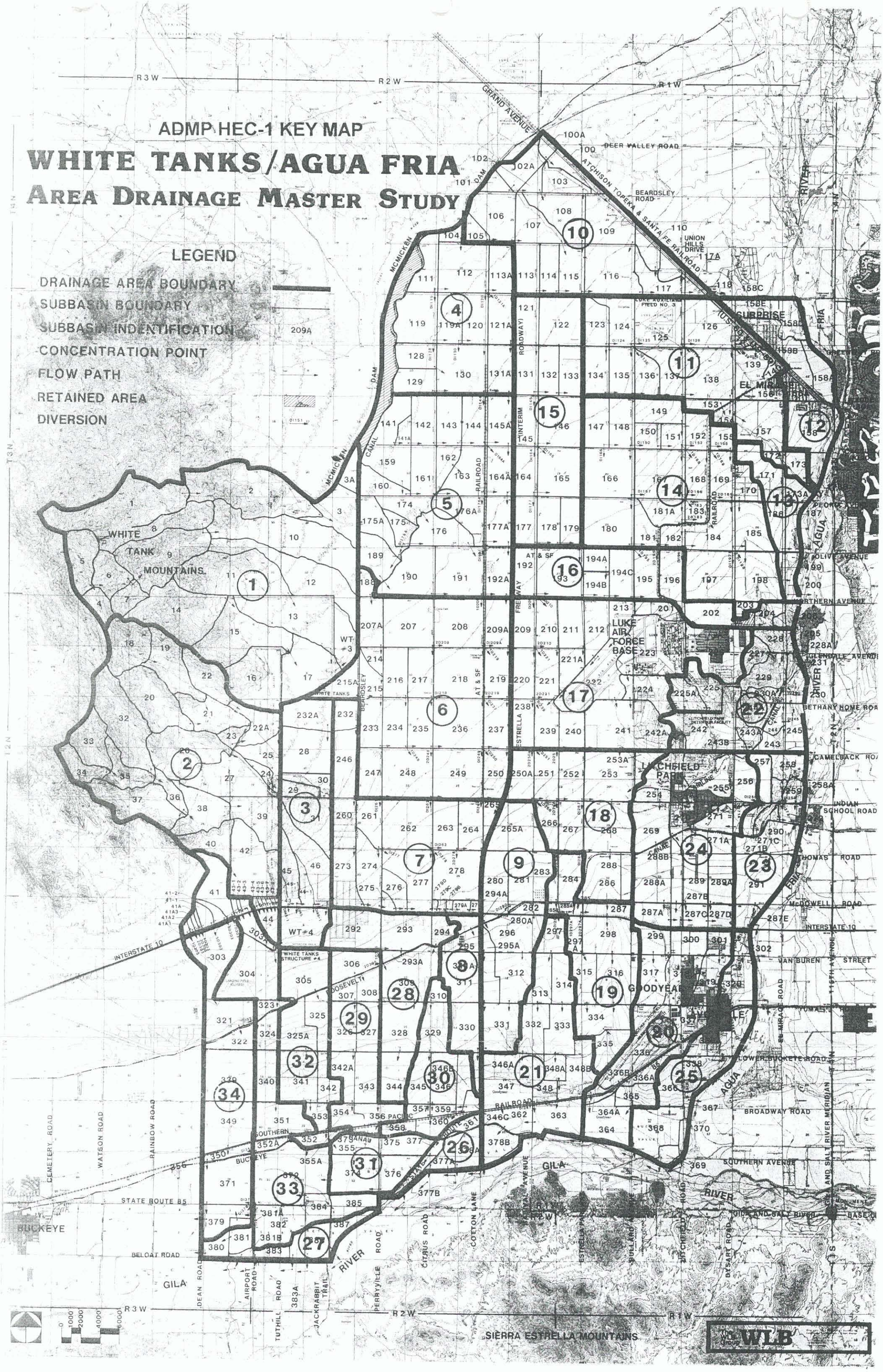
- ADMP Drainage Area Map
- HEC-1 Output for Final Condition Including All Elements of the ADMP (File: WTADMP5.24)
- HEC-1 Output for Interim Condition for Bullard Wash Channel Design (File: WTBULL.24)

ADMP DRAINAGE AREA MAP

HEC-1 OUTPUT

Final Condition Including
all Elements of the ADMP

(WTADMP5.24)


ADMP HEC-1 KEY MAP
WHITE TANKS/AGUA FRIA
AREA DRAINAGE MASTER STUDY
LEGEND
DRAINAGE AREA BOUNDARY
SUBBASIN BOUNDARY
SUBBASIN INDENTIFICATION
CONCENTRATION POINT
FLOW PATH
RETAINED AREA
DIVERSION
R3W
R2W
R1W
T3N
T2N
GRAND AVENUE
DEER VALLEY ROAD
BEARDSLEY ROAD
UNION HILLS DRIVE
ATCHISON TOPEKA & SANTA FE RAILROAD
MCMICKEN DAM
MCMICKEN CANAL
WHITE TANK MOUNTAINS
WHITE TANKS
SURPRISE
EL MIRAGE
LUKE AIR FORCE BASE
GOODYEAR
LITCHFIELD PARK
PEORIA
GLENDALE
BETHANY HOME ROAD
CAMELBACK ROAD
INDIAN SCHOOL ROAD
THOMAS ROAD
McDOWELL ROAD
INTERSTATE 10
VAN BUREN STREET
LOWER BUCKEYE ROAD
BROADWAY ROAD
SOUTHERN AVENUE
STATE ROUTE 85
BUCKEYE
BELOAT ROAD
GILA RIVER
GILA AND SALT RIVER
AGUA FRIA RIVER
SIERRA ESTRELLA MOUNTAINS
CEMETERY ROAD
WATSON ROAD
RAINBOW ROAD
DEAN ROAD
AIRPORT ROAD
TUTHILL ROAD
JACKRABBIT TRAIL
PERRYVILLE ROAD
CITRUS ROAD
COTTON LANE
ESTRELLA PARKWAY
BULLARD AVENUE
LITCHFIELD ROAD
DYSART ROAD
EL MIRAGE ROAD
115TH AVENUE
GILA AND SALT RIVER MERIDIAN
0 1000 2000 4000 6000
WLB Group

```
*************************************
*                                   *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*          SEPTEMBER 1990           *
*           VERSION 4.0             *
*                                   *
*  RUN DATE  12/27/1994  TIME  18:17:35 *
*                                   *
*************************************
```

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

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

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

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


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

  1           ID
  2           ID          WHITE TANKS/ AGUA FRIA AREA DRAINAGE MASTER PLAN
  3           ID          FINAL HYDROLOGY RUN FOR WHITE TANKS ADMP ---- ENTIRE WATERSHED
  4           ID          100-YEAR, 24-HOUR STORM                    FILE: WTADMP5.24
  5           ID          THIS MODEL INCORPORATES FUTURE CHANNELS OR CHANNEL IMPROVEMENTS ALONG:
  6           ID          -BEARDSLEY CANAL WASH,WHITE TANKS NO. 3 TO PEORIA AV.
  7           ID          -TUTHILL DIKE WASH,WHITE TANKS NO. 4 TO APPROX. 1/2 MILE NORTH OF
  8           ID           CAMELBACK ROAD
  9           ID          -JACKRABBIT TRAIL WASH,WHITE TANKS NO. 4 TO WHITE TANKS NO. 3
 10           ID          -DYSART DRAIN,AGUA FRIA RIVER TO REEMS ROAD
 11           ID          -REEMS ROAD CHANNEL,NORTHERN AV. TO BELL ROAD
 12           ID          -WADDEL ROAD CHANNEL,DYSART ROAD TO  REEMS ROAD
 13           ID          - I-10 (INTERSTATE-10) CHANNEL,ESTRELLA FREEWAY TO 191ST AV.
 14           ID          -BULLARD WASH,GILA RIVER TO APPROX. 1/4 MILE SOUTH OF LOWER BUKEYE RD.
 15           ID          -ESTRELLA FREEWAY CHANNEL,GILA RIVER TO BELL ROAD.
 16           ID          -CAMELBACK ROAD CHANNEL,AGUA FRIA RIVER TO LITCHFIELD ROAD
 17           ID          IT ALSO ASSUMES THAT THE SUN CITY GRAND PROJECT,NORTH OF BELL ROAD
 18           ID          (SEE FIURE 9.2), WILL RETAIN ONSITE FLOWS AND BLEED OFF TO THE
 19           ID           EXISTING BELL ROAD CHANNEL
 20           ID
 21           ID
              *DIAGRAM
 22           IT       5                    300
 23           IO       5
```

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 24          IN      15
 25          JD    4.03    .001
 26          PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 27          PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 28          PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 29          PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 30          PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 31          PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
 32          PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 33          PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 34          PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 35          PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
 36          JD    3.99      10
 37          JD    3.83      50
 38          JD    3.76     100
 39          JD    3.70     200

 40          KK       1
 41          KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 1.
 42          BA    1.94
 43          LG     .20     .34    3.21    1.14    9.90
 44          UI    182.    326.    742.    974.   1186.   1502.   2185.   1957.   1537.   1243.
 45          UI    989.    751.    417.    308.    230.    182.     64.     56.     56.     56.
 46          UI     56.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 47          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

 48          KK    RCP1
 49          KM         ROUTE FLOW FROM CP1 TO CP2.
 50          RL                        1    1428
 51          RS       5               -1       0
 52          RC     .06     .04     .06   17800   .0469
 53          RX    1000    1125    1300    1390    1405    1490    1590    1750
 54          RY    1440    1439    1437    1428    1428    1439    1442    1444

 55          KK       2
 56          KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 2.
 57          BA    1.82
 58          LG     .18     .33    3.91     .70   11.70
 59          UI    115.    115.    259.    442.    556.    642.    727.    849.   1013.   1346.
 60          UI   1419.   1145.    985.    864.    735.    634.    545.    405.    268.    202.
 61          UI    189.    144.    115.    103.     35.     35.     35.     35.     35.     35.
 62          UI     35.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 63          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 64          KK     CP2
 65          KM         ADD HYDROGRAPHS AT CP2.
 66          HC       2

 67          KK    RCP2
 68          KM         ROUTE COMBINED HYDROGRAPHS AT CP2 TO CP3.
 69          RL                      1.5    1298
 70          RS       2               -1       0
 71          RC     .06    .035     .06    4500   .0111
 72          RX    1000    1100    1350    1705    1735    1780    1850    2000
 73          RY    1304    1302    1302    1298    1298    1303    1302    1305

 74          KK      3A
 75          KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 3A
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 76          BA     .29
 77          LG     .15     .33    3.99     .59     .00
 78          UI     34.     89.    165.    212.    286.    410.    314.    242.    182.    124.
 79          UI     62.     48.     33.     10.     10.     10.     10.      0.      0.      0.
 80          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 81          KK   RCP3A
 82          KM        ROUTE FLOW FROM CP3A TO CP3
 83          RL                      1.5    1284
 84          RS      2               -1       0
 85          RC    .03     .03     .05    5300   .0060
 86          RX   1000    1023    1032    1046    1058    1067    1250    1540
 87          RY   1289    1288    1286    1284    1284    1286    1288    1291

 88          KK      3
 89          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 3.
 90          BA    .81
 91          LG    .15     .33    4.08     .54     .00
 92          UI    91.    228.    430.    554.    725.   1088.    908.    700.    535.    396.
 93          UI   205.    152.     95.     57.     28.     28.     28.      0.      0.      0.
 94          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                                          HEC-1 INPUT                                          PAGE  3

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


 95          KK   I1CP3
 96          KM        ADD HYOROGRAPHS AT CP3.
 97          HC      2

 98          KK     CP3
 99          KM        ADD HYDROGRAPHS AT CP3.
100          HC      2

101          KK    RCP3
102          KM        ROUTE FLOW FROM CP3 TO CP10.
103          RL                        2    1245
104          RS      2               -1       0
105          RC    .05     .03     .05    5280   .0083
106          RX   1010    1015    1020    1050    1100    1275    1580    1750
107          RY   1251    1249    1249    1245    1245    1250    1250    1254

108          KK      4
109          KM        RUNOFF HYDROGRAPH FORM SUB-BASIN 4.
110          BA    .30
111          LG    .20     .30    3.87     .77    1.00
112          UI    48.    192.    287.    444.    512.    346.    236.    115.     67.     35.
113          UI    14.     14.      0.      0.      0.      0.      0.      0.      0.      0.
114          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

115          KK      5
116          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 5.
117          BA    .72
118          LG    .20     .34    3.27    1.11    9.20
119          UI   110.    437.    658.    992.   1242.    849.    591.    315.    174.    101.
120          UI    34.     34.     34.      0.      0.      0.      0.      0.      0.      0.
121          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

122          KK    CP5
123          KM        ADD HYDROGRAPHS AT CP5.
124          HC      2
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125          KK    RCP5
126          KM        ROUTE COMBINED HYDROGRAPHS AT CP5 TO CP7.
127          RL                        .5    2800
128          RS       1                -1       0
129          RC     .08      .05      .08    4800   .0833
130          RX     955      970      985    1000    1020    1035    1050    1065
131          RY    2815     2810     2805    2800    2800    2805    2810    2815

132          KK       6
133          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 6.
134          BA     .45
135          LG     .20      .34     3.21    1.14   10.00
136          UI    204.     622.    1139.    837.    427.    155.     54.     33.      0.      0.
137          UI      0.       0.       0.      0.      0.      0.      0.      0.      0.      0.
                                             HEC-1 INPUT                                          PAGE  4

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


138          KK   I1CP7
139          KM        ADD HYDROGRAPHS AT CP7.
140          HC       2

141          KK       7
142          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 7.
143          BA     .31
144          LG     .20      .34     3.21    1.14   10.00
145          UI    126.     387.     716.    606.    343.    129.     52.     22.      0.      0.
146          UI      0.       0.       0.      0.      0.      0.      0.      0.      0.      0.

147          KK     CP7
148          KM        ADD HYDROGRAPHS AT CP7.
149          HC       2

150          KK    RCP7
151          KM        ROUTE COMBINED HYDROGRAPHS AT CP7 TO CP9.
152          RL                        .5    1838
153          RS       3                -1       0
154          RC     .08      .05      .08   10200  .07745
155          RX    1000     1045     1120    1195    1230    1300    1350    1450
156          RY    1910     1880     1850    1838    1838    1850    1880    1910

157          KK       9
158          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 9.
159          BA    1.40
160          LG     .20      .34     3.24    1.12    9.70
161          UI    155.     381.     727.    935.   1216.   1832.   1591.   1224.    938.    705.
162          UI    386.     261.     177.    115.     47.     47.     47.     47.      0.      0.
163          UI      0.       0.       0.      0.      0.      0.      0.      0.      0.      0.

164          KK   I1CP9
165          KM        ADD HYDROGRAPHS AT CP9.
166          HC       2

167          KK       8
168          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 8.
169          BA     .81
170          LG     .20      .34     3.21    1.14   10.00
171          UI    102.     313.     535.    703.   1054.   1140.    822.    608.    421.    208.
172          UI    147.      96.      31.     31.     31.      0.      0.      0.      0.      0.
173          UI      0.       0.       0.      0.      0.      0.      0.      0.      0.      0.
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 174          KK     CP9
 175          KM        ADD HYDROGRAPHS AT CP9.
 176          HC       2

 177          KK    RCP9
 178          KM        ROUTE COMBINED HYDROGRAPHS AT CP9 TO CP10.
 179          RL                     1.5    1308
 180          RS       8              -1       0
 181          RC     .06    .035     .06   19200   .0232
 182          RX    1000    1085    1310    1395    1415    1450    1630    1665
 183          RY    1317    1314    1311    1308    1308    1314    1314    1317
                                          HEC-1 INPUT                                                    PAGE  5

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


 184          KK      10
 185          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 10.
 186          BA    2.02
 187          LG     .16     .33    3.90     .66    3.30
 188          UI    119.    119.    218.    427.    546.    632.    708.    812.    929.   1148.
 189          UI   1499.   1393.   1156.   1006.    894.    765.    669.    577.    475.    325.
 190          UI    210.    201.    193.    119.    119.     86.     36.     36.     36.     36.
 191          UI     36.     36.     36.     36.      0.      0.      0.      0.      0.      0.
 192          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 193          KK  I1CP10
 194          KM        ADD HYDROGRAPHS AT CP10
 195          HC       2

 196          KK    CP10
 197          KM        ADD HYDROGRAPHS AT CP10
 198          HC       2

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

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

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

 217          KK   RCP12
 218          KM        ROUTE COMBINED HYDROGRAPHS AT CP12 TO CPWT3
 219          RL                     2.0    1196
 220          RS       2              -1       0
 221          RC     .03     .03     .04    4800   .0031
 222          RX     995    1000    1020    1080    1200    1530    1665    1760
 223          RY    1211    1211    1210    1196    1196    1200    1204    1204
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224          KK      11
225          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 11.
226          BA    1.56
227          LG     .18     .32    3.98     .67    6.80
228          UI    143.    245.    571.    755.    913.   1142.   1648.   1623.   1254.   1026.
229          UI    821.    643.    394.    248.    210.    143.     86.     44.     44.     44.
230          UI     44.      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

231          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

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

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

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

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

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

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

271          KK      15
272          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 15.
273          BA    1.26
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274        LG     .18     .33    3.58     .86    6.40
275        UI    130.    281.    577.    747.    938.   1321.   1552.   1156.    920.    713.
276        UI    519.    277.    217.    138.     93.     40.     40.     40.     40.      0.
277        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
278        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                                        HEC-1 INPUT                                                PAGE  7

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


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

282        KK      16
283        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 16.
284        BA    1.13
285        LG     .17     .32    4.08     .41   11.10
286        UI    115.    240.    503.    652.    814.   1126.   1393.   1049.    839.    655.
287        UI    497.    268.    194.    137.    101.     35.     35.     35.     35.      0.
288        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
289        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

290        KK    SR16
291        KM        STORAGE ROUTE THROUGH THE CATERPILLAR DETENTION BASIN IN SUBWATERSHED 16
292        RS       1    STOR       0       0
293        SV       0       1      31     114     270     502     807    1319    1388    1460
294        SQ       0                                                                      135
295        SE    1198    1200    1210    1220    1230    1240    1250    1260    1261    1262

296        KK    CP15
297        KM        ADD HYOROGRAPHS AT CP15.
298        HC       2

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

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

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

317        KK    CP17
318        KM        ADD HYDROGRAPHS AT CP17.
319        HC       2
                                        HEC-1 INPUT                                                PAGE  8

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

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

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

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

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

355        KK    18
356        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 18.
357        BA   .81
358        LG   .20     .34    3.25    1.12    9.50
359        UI  213.     719.   1128.   1731.   1159.    722.    301.    171.     49.     47.
360        UI    0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
361        UI    0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

362        KK   R18
363        KM        ROUTE FLOW FROM CP18 TO CP19.
364        RS     2               -1       0
365        RC   .08     .05     .08    7800   .0615
366        RX  1000    1030    1080    1097    1120    1140    1205    1218
367        RY  1520    1518    1514    1510    1510    1512    1518    1520
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

368        KK    19
369        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 19.
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```
370        BA     .79
371        LG     .19     .33    3.31    1.07    8.70
372        UI     84.    195.    385.    496.    632.    936.    940.    708.    553.    427.
373        UI    278.    147.    120.     84.     32.     26.     26.     26.      0.      0.
374        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

375        KK    CP19
376        KM        ADD HYDROGRAPHS AT CP19.
377        HC       2

378        KK     R19
379        KM        ROUTE COMBINED HYDROGRPAH AT CP19 TO CP21.
380        RS       2              -1       0
381        RC     .06     .04     .06    5772   .0246
382        RX    1000    1010    1025    1040    1055    1069    1080    1100
383        RY    1466    1464    1460    1458    1458    1460    1466    1467

384        KK      21
385        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 21.
386        BA     .79
387        LG     .19     .31    3.81     .78    4.70
388        UI     84.    191.    380.    491.    623.    915.    948.    711.    558.    430.
389        UI    291.    149.    124.     84.     37.     26.     26.     26.      0.      0.
390        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

391        KK  I1CP21
392        KM        ADD HYDROGRAPHS AT CP21.
393        HC       2

394        KK      20
395        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 20.
396        BA    1.07
397        LG     .19     .33    3.33    1.05    8.40
398        UI    119.    294.    560.    721.    938.   1414.   1211.    931.    714.    535.
399        UI    286.    200.    132.     83.     36.     36.     36.     36.      0.      0.
400        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

401        KK    SR20
402        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP20.
403        RS       1    STOR       0       0
404        SV       0    1.05    9.43   26.91   54.31   92.89  138.67  176.47  190.08  219.05
405        SV  249.57
406        SQ       0       0       0       0       0       0       0       0     265    1377
407        SQ    2963
408        SE    1443    1446    1450    1454    1458    1462    1466    1469    1470    1472
409        SE    1474
```



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

410        KK     R20
411        KM        ROUTE REMAINDER OF FLOW AT CP20  TO CP21
412        RS       4              -1       0
413        RC     .06    .045     .06    6240   .0208
414        RX    1000    1012    1025    1032    1050    1057    1070    1092
415        RY    1424    1422    1420    1418    1418    1420    1422    1424

416        KK    CP21
417        KM        ADD HYDROGRAPHS AT CP21.
418        HC       2
```

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419     KK    SR21
420     KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP21
421     KO      3
422     RS      1    STOR       0       0
423     SV      0     .68   20.68   57.58   95.91  102.34  117.65     130
424     SQ      0       0       0       0       0     265    1377    2000
425     SE   1319    1320    1330    1340    1347    1348    1350    1351

426     KK    R21
427     KM        ROUTE REMAINDER OF FLOW AT CP21 TO CP23
428     RS      1              -1       0
429     RC    .03     .03     .05    2340   .0196
430     RX   1000    1030    1050    1070    1145    1212    1225    1250
431     RY   1310    1306    1304    1302    1302    1304    1306    1310

432     KK     23
433     KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 23.
434     BA    .16
435     LG    .18     .32    4.04     .65   10.60
436     UI   111.    327.    471.    228.     68.     20.      0.      0.      0.      0.
437     UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

438     KK    CP23
439     KM        ADD HYDROGRAPHS AT CP23
440     HC      2

441     KK    SR23
442     KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP23.
443     RS      1    STOR       0       0
444     SV      0    6.04   20.38   53.82  120.38  216.24  325.98  455.42   606.1  645.49
445     SV  685.61  767.98
446     SQ      0       0       0       0       0       0       0       0       0       0
447     SQ    928    8950
448     SE   1272    1276    1280    1284    1288    1292    1296    1300    1304    1305
449     SE   1306    1308

450     KK    R23
451     KM        ROUTE REMAINDER OF FLOW AT CP23 TO CP22A
452     RS      4              -1       0
453     RC    .05     .03     .05    4992    .005
454     RX    930     975    1000    1010    1030    1040    1041    1042
455     RY   1397  1396.5    1396    1394    1394    1396  1396.5    1397
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LINE    ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

456     KK     22
457     KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 22
458     BA    .57
459     LG    .19     .33    3.38    1.03    7.40
460     UI     77.    258.    418.    563.    888.    745.    546.    395.    215.    129.
461     UI     79.     34.     24.     24.      0.      0.      0.      0.      0.      0.
462     UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

463     KK    R22
464     KM        ROUTE FLOW FROM CP22 TO CP22A
465     RS      3              -1       0
466     RC    .05     .03     .05    6230    .025
467     RX   1000    1030    1060    1070    1100    1115    1125    1150
468     RY   1294    1292    1290    1288    1288    1290    1292    1294
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469        KK     22A
470        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 22A
471        BA     .50
472        LG     .15     .29    3.74     .29    1.00
473        UI     74.    286.    436.    640.    862.    603.    424.    253.    126.     79.
474        UI     30.     23.     23.      0.      0.      0.      0.      0.      0.      0.
475        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

476        KK  I1C22A
477        KM        ADD HYDROGRAPHS AT CP22A
478        HC       2

479        KK   CP22A
480        KM        ADD HYDROGRAPHS AT CP22A
481        HC       2

482        KK    R22A
483        KM        ROUTE COMBINED HYDROGRAPHS AT CP22A TO CP25
484        RS       4              -1       0
485        RC     .03     .03     .05    7022   .0079
486        RX    1000    1030    1040    1047    1070    1097    1120    1200
487        RY    1255    1254    1250    1248    1250    1252    1254    1255

488        KK      25
489        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 25
490        BA     .46
491        LG     .15     .31    4.27     .49     .00
492        UI     53.    137.    254.    327.    437.    640.    505.    389.    295.    207.
493        UI    106.     80.     53.     22.     16.     16.     16.      0.      0.      0.
494        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

495        KK  I1CP25
496        KM        ADD HYDROGRAPHS AT CP25
497        HC       2
```



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


498        KK      24
499        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 24
500        BA     .14
501        LG     .35     .31    3.77     .31     .00
502        UI     21.     85.    128.    193.    241.    165.    115.     61.     34.     20.
503        UI      7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
504        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

505        KK    SR24
506        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP24
507        RS       1    STOR       0       0
508        SV       0     .46    2.96    16.6      86  221.55  282.99  306.59  357.02
509        SQ       0       0       0       0       0       0       0      50    2598
510        SE    1210    1214    1216    1220    1230    1240    1243    1244    1246

511        KK     R24
512        KM        ROUTE REMAINDER OF FLOW AT CP24 TO CP25
513        RS       1              -1       0
514        RC     .05     .03     .05    1326    .021
515        RX    1000    1040    1070    1100    1200    1220    1245    1265
516        RY    1234    1232    1230    1228    1228    1230    1232    1234

517        KK    CP25
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518        KM        COMBINE HYDROGRAPHS AT CP25
519        HC       2

520        KK    SR25
521        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP25
522        RS       1    STOR       0       0
523        SV       0    5.61   10.27   13.15   16.62   26.62
524        SQ       0       0       0       0     125    2273
525        SE    1204    1210    1212    1213    1214    1216

526        KK      26
527        KM        RUNOFF FROM SUB-BASIN 26
528        BA    1.16
529        LG     .17     .30    3.97     .68    3.10
530        UI    103.    163.    401.    532.    639.    787.   1092.   1251.    956.    788.
531        UI    637.    510.    359.    200.    171.    117.     99.     32.     32.     32.
532        UI     32.     32.      0.      0.      0.      0.      0.      0.      0.      0.
533        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

534        KK     R26
535        KM        ROUTE FLOW FROM CP26 TO CP27
536        RS       4              -1       0
537        RC     .05     .03     .05    7020   .0157
538        RX    1000    1012    1025    1040    1090    1105    1112    1120
539        RY    1250    1248    1245    1242    1242    1244    1247    1250
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


540        KK      27
541        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 27
542        BA    1.00
543        LG     .15     .31    4.27     .48     .30
544        UI    101.    206.    438.    567.    705.    970.   1225.    936.    750.    587.
545        UI    450.    256.    172.    129.     99.     31.     31.     31.     31.      0.
546        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
547        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

548        KK  I1CP27
549        KM        ADD HYDROGRAPHS AT CP27
550        HC       2

551        KK    SR27
552        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP27
553        RS       1    STOR       0       0
554        SV       0     .13    5.77    9.37   11.42   13.71   19.21
555        SQ       0       0       0       0       0     550    4546
556        SE    1203    1204    1210    1212    1213    1214    1216

557        KK    CP27
558        KM        ADD REMAINING FLOW OF CP25 & CP27 AT CP27
559        HC       2

560        KK     R27
561        KM        ROUTE COMBINED REMAINDER FLOW AT CP27 TO CP39
562        RS       3              -1       0
563        RC     .03     .03     .05    5928   .0084
564        RX    1000    1010    1020    1025    1055    1085    1175    1250
565        RY    1210    1210    1210    1202    1202    1204    1206    1208

566        KK      34
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567          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 34
568          BA     .36
569          LG     .20     .34    3.21    1.14   10.00
570          UI     57.    229.    343.    530.    615.    416.    284.    139.     81.     43.
571          UI     17.     17.      0.      0.      0.      0.      0.      0.      0.      0.
572          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

573          KK      33
574          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 33
575          BA     .65
576          LG     .20     .34    3.21    1.14   10.00
577          UI     99.    392.    591.    888.   1120.    769.    535.    290.    159.     93.
578          UI     30.     30.     30.      0.      0.      0.      0.      0.      0.      0.
579          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

580          KK    CP33
581          KM        ADD HYDROGRAPHS AT CP33
582          HC       2
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


583          KK     R33
584          KM        ROUTE COMBINED HYDROGRAPHS AT CP33 TO CP35
585          RS       2              -1       0
586          RC     .08     .05     .08    4680   .0427
587          RX    1000    1015    1022    1035    1050    1068    1092    1100
588          RY    1800    1760    1720    1680    1680    1720    1760    1800

589          KK      35
590          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 35
591          BA     .39
592          LG     .20     .34    3.21    1.14   10.00
593          UI     72.    272.    410.    672.    631.    428.    270.    119.     74.     28.
594          UI     20.     20.      0.      0.      0.      0.      0.      0.      0.      0.
595          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

596          KK   I1CP35
597          KM        ADD HYDROGRAPHS AT CP35
598          HC       2

599          KK      32
600          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 32
601          BA    1.29
602          LG     .20     .34    3.21    1.14   10.00
603          UI    130.    270.    570.    738.    919.   1268.   1585.   1202.    963.    753.
604          UI    575.    317.    221.    161.    121.     40.     40.     40.     40.      0.
605          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
606          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

607          KK    CP35
608          KM        ADD HYDROGRAPHS AT CP35
609          HC       2

610          KK     R35
611          KM        ROUTE COMBINED HYDROGRAPHS AT CP35 TO CP36
612          RS       2              -1       0
613          RC     .06    .035     .06    5070   .0355
614          RX    1000    1012    1023    1034    1045    1056    1067    1079
615          RY    1429    1428    1426    1424    1424    1426    1428    1429
```

```
616          KK      36
617          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 36
618          BA     .24
619          LG     .16      .34     2.38     1.41     1.10
620          UI     34.     127.     197.     278.     409.     297.     212.     140.      65.      43.
621          UI     22.      11.      11.       0.       0.       0.       0.       0.       0.       0.
622          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

623          KK  I1CP36
624          KM        ADD HYDROGRAPHS AT CP36
625          HC       2
```



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


626          KK      37
627          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 37
628          BA     .95
629          LG     .19      .34     3.24     1.08     8.40
630          UI     90.     167.     373.     488.     598.     764.    1104.     941.     747.     598.
631          UI    475.     344.     190.     151.     103.      81.      28.      28.      28.      28.
632          UI     28.       0.       0.       0.       0.       0.       0.       0.       0.       0.
633          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

634          KK    CP36
635          KM        ADD HYDROGRAPHS AT CP 36
636          HC       2

637          KK     R36
638          KM        ROUTE COMBINED HYDROGRAPHS AT CP36 TO CP38
639          RS       2                -1       0
640          RC     .05      .03      .05     4836    .0198
641          RX    1000     1008     1020     1032     1050     1112     1135     1183
642          RY    1344     1342     1340     1338     1338     1340     1342     1344

643          KK      38
644          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 38
645          BA     .76
646          LG     .17      .34     3.21      .97     4.50
647          UI    103.     354.     568.     770.    1209.     983.     720.     513.     270.     168.
648          UI    103.      36.      32.      32.       0.       0.       0.       0.       0.       0.
649          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

650          KK    CP38
651          KM        ADD HYDROGRAPHS AT CP38
652          HC       2

653          KK    SR38
654          KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP38
655          RS       1     STOR        0        0
656          SV       0     1.83    15.38    39.25    41.76    47.45    60.58
657          SQ       0        0        0        0       44     2223     6550
658          SE    1275     1280     1290   1297.5     1298     1300     1301

659          KK     R38
660          KM        ROUTE REMAINDER OF FLOW AT CP38 TO CP39
661          RS       3                -1       0
662          RC     .05      .03      .05     5438    .0167
663          RX    1000     1005     1010     1025     1055     1085     1175     1250
664          RY    1212     1211     1210     1202     1202     1204     1206     1208
```

```
665        KK     39
666        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 39
667        BA    .77
668        LG    .15     .34    3.81     .63     .20
669        UI    64.     82.    232.    313.    372.    450.    565.    791.    683.    550.
670        UI   460.    376.    308.    213.    122.    106.     77.     64.     29.     20.
671        UI    20.     20.     20.     20.      0.      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  I1CP39
674        KM        ADD HYDROGRAPHS AT CP39
675        HC       2

676        KK    CP39
677        KM        ADD HYDROGRAPHS AT CP39
678        HC       2

679        KK     R39
680        KM        ROUTE COMBINED HYDROGRAPH AT CP39 TO CP42
681        RS       2              -1       0
682        RC     .03     .03     .05    4836   .0141
683        RX    1000    1005    1015    1025    1055    1070    1087    1130
684        RY    1143    1142    1140    1132    1132    1136    1140    1142

685        KK     D42
686        KM        DIVERT FLOW INTO AN IMPROVED OFFLINE RET. BASIN AT CP42
687        DT  DVRB42
688        DI       0    2018   10000
689        DQ       0    2018    2018

690        KK     40
691        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 40
692        BA    .52
693        LG    .18     .34    3.54     .89    7.00
694        UI    73.    258.    407.    562.    862.    658.    478.    331.    158.    104.
695        UI    61.     22.     22.     22.      0.      0.      0.      0.      0.      0.
696        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

697        KK     R40
698        KM        ROUTE FLOW FROM CP40 TO CP42
699        RS       4              -1       0
700        RC     .05     .03     .05    6396   .0086
701        RX    1000    1010    1065    1095    1135    1155    1215    1220
702        RY    1115    1114    1112    1110    1110    1112    1113    1113

703        KK     42
704        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 42
705        BA   1.18
706        LG    .21     .32    4.21     .45     .10
707        UI    98.    128.    359.    483.    575.    696.    878.   1223.   1042.    840.
708        UI   701.    573.    467.    322.    182.    163.    115.     98.     39.     30.
709        UI    30.     30.     30.     30.      0.      0.      0.      0.      0.      0.
710        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

711        KK  1IRB42
712        KM        ADD HYDROGRAPHS AT RET. BASIN IN SUB.42
713        HC       2
```

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

 714          KK     D42
 715          KM        RETURN DIVERTED FLOW INTO RET. BASIN AT CP42
 716          DR  DVRB42

 717          KK    RB42
 718          KM        ADD HYDROGRAPHS AT RET. BSIN IN SUB. 42
 719          KO       1
 720          HC       2

 721          KK  SRRB42
 722          KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP42
 723          KO       1
 724          RS       1    STOR       0       0
 725          SV       0     .11   10.43   41.63    69.9   77.34    94.2  113.66   134.7  160.78
 726          SQ       0       0       0       0       0       0       0       0       0       0
 727          SE  1071.5    1072    1080    1090    1095    1096    1098    1100    1102    1104

 728          KK    CP42
 729          KM        ADD HYDROGRAPHS AT CP42 (ZERO HYD. FROM RET. BASIN)
 730          HC       2

 731          KK     R42
 732          KM        ROUTE FLOW FROM CP42 TO CP43
 733          RS       1              -1       0
 734          RC     .03     .03     .05     858   .0151
 735          RX     900     950    1000    1030    1060    1075    1080    1090
 736          RY    1094    1088    1086    1084    1084    1086    1088    1094

 737          KK    43-4
 738          KM        RUNOFF HYDROGRAP FROM SUB-BASIN 43-4
 739          BA     .03
 740          LG     .35     .35    4.28     .41     .80
 741          UI     43.    121.     54.     10.      0.      0.      0.      0.      0.      0.
 742          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 743          KK  SR43-4
 744          KM        STORAGE ROUTE THROUGH 2-36" CMPS FROM STA 6343+25 TO STA 6345+65 ON I10
 745          RS       1    STOR       0       0
 746          SV       0     .89    1.27     1.8    2.43    3.24    3.31    4.75    7.05   12.83
 747          SQ       0      18      24      32      42      52      62     131     326     906
 748          SE  1092.8 1094.12 1094.37 1094.65 1094.93 1095.24 1095.59    1096 1096.56 1097.79

 749          KK  CP43-4
 750          KM        DIVERT FLOW TO CP44 AT STA 6345+65
 751          DT  DI43-4
 752          DI       0      18      24      32      42      52      62     131     326     906
 753          DQ       0      18      24      32      42      52      62      68      76      90

 754          KK   R43-4
 755          KM        ROUTE REMAINDER FROM CP43-4 TO CP43-5
 756          RS       1              -1       0
 757          RC     .06     .03     .04     500    .018
 758          RX     800     850     930     965    1000    1020    1030    1040
 759          RY  1096.5    1096    1094    1093    1093    1096    1097  1097.5
```


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

```
KK    43-5
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-5
BA     .02
LG     .35     .35    4.25     .39     .00
UI     27.     79.     39.      8.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK  CP43-5
KM        ADD HYDROGRAPHS AT CP43-5
HC       2     .05

KK  SR43-5
KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6349+45 ON I-10
RS       1    STOR       0       0
SV       0     .09     .24     .44     .69     1.0    1.42    2.14    2.76    3.73
SV    4.84    5.94
SQ       0       9      13      17      22      27      34      40      42      44
SQ     134     276
SE  1089.8 1091.09 1091.35 1091.64 1091.94 1092.26 1092.62 1093.13  1093.5    1094
SE  1094.5 1094.94

KK  CP43-5
KM        DIVERT FLOW TO CP44 AT STA 6349+45.
DT  DI43-5
DI       0       9      13      17      22      27      34      40      42      44
DI     134     276
DQ       0       9      13      17      22      27      34      40      42      44
DQ      46      48

KK   R43-5
KM        ROUTE REMAINDER FROM CP43-5 TO CP43-6
RS       1              -1       0
RC     .06     .03     .04     455   .0068
RX     800     850     930     965    1000    1020    1030    1040
RY    1096    1094    1093    1092    1092    1094    1096  1097.5

KK    43-6
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-6
BA     .02
LG     .35     .35    4.17     .38     .00
UI     36.     87.     27.      4.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK  CP43-6
KM        ADD HYDROGRAPHS AT CP43-6
HC       2     .07

KK  SR43-6
KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6354+00 ON I-10
RS       1    STOR       0       0
SV       0    1.59    2.29    3.18    4.29    5.62    7.39    9.53   14.20   30.25
SV   32.52    38.0   43.84   49.83   55.96   59.96
SQ       0       9      13      17      22      27      33      39      47      55
SQ      56     141     325     811    1440    2714
```



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

SE  1089.3 1090.58 1090.84 1091.12 1091.42 1091.73 1092.09 1092.47 1093.23 1095.27
SE  1095.5  1096.0  1096.5  1097.0  1097.5 1097.82
```

```
809        KK  CP43-6
810        KM        DIVERT FLOW TO CP44 AT STA 6354+00.
811        DT  DI43-6
812        DI      0       9      13      17      22      27      33      39      47      55
813        DI     56     141     325     811    1440    2714
814        DQ      0       9      13      17      22      27      33      39      47      55
815        DQ     56      58      60      61      62      64

816        KK   R43-6
817        KM        ROUTE REMAINDER FROM CP43-6 TO CP43-7
818        RS      1              -1       0
819        RC    .06     .03     .04     300   .0162
820        RX    750     800     930     965    1000    1020    1030    1040
821        RY   1096    1094    1092    1090    1090    1092    1096  1097.5

822        KK    43-7
823        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-7
824        BA    .02
825        LG    .35     .35    4.25     .39     .00
826        UI    49.     90.     14.      0.      0.      0.      0.      0.      0.      0.
827        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

828        KK  CP43-7
829        KM        ADD HYDROGRAPHS AT CP43-7
830        HC      2     .09

831        KK  SR43-7
832        KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6357+00 ON I-10
833        RS      1    STOR       0       0
834        SV      0     .27     .39     .55     .74     .98    1.30    1.78    2.23    5.12
835        SQ      0      10      13      18      23      29      35      38     101     892
836        SE 1087.6 1088.93 1089.20 1089.49 1089.80 1090.13 1090.51  1091.0 1091.39 1093.26

837        KK  CP43-7
838        KM        DIVERT FLOW AT STA 6357+00.
839        DT  DI43-7
840        DI      0      10      13      18      23      29      35      38     101     892
841        DQ      0      10      13      18      23      29      35      38      40      42

842        KK   R43-7
843        KM        ROUTE REMAINDER FROM CP43-7 TO CP43-8
844        RS      1              -1       0
845        RC    .06     .03     .04     385    .018
846        RX    700     800     850     965    1000    1020    1030    1040
847        RY   1094    1093    1092    1090    1090    1092    1096  1097.5

848        KK    43-8
849        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-8
850        BA    .01
851        LG    .35     .35    4.25     .39     .00
852        UI    36.     37.      4.      0.      0.      0.      0.      0.      0.      0.
853        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

854        KK  CP43-8
855        KM        ADD HYDROGRAPHS AT CP43-8
856        HC      2     .10

857        KK  SR43-8
```

```
858        KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6360+85 ON I-10
859        RS      1    STOR       0       0
860        SV      0     .22     .32     .46     .63     .89    1.74    3.41    4.93     6.3
861        SV   6.87
862        SQ      0       8      12      15      20      24      30      36      39     129
863        SQ    186
864        SE 1085.1 1086.38 1086.62 1086.88 1087.15 1087.48 1088.28 1089.33  1090.0  1090.5
865        SE 1090.7

866        KK  CP43-8
867        KM        DIVERT FLOW TO CP44 AT STA 6360+85.
868        DT  DI43-8
869        DI      0       8      12      15      20      24      30      36      39     129
870        DI    186
871        DQ      0       8      12      15      20      24      30      36      39      41
872        DQ     43

873        KK   R43-8
874        KM        ROUTE REMAINDER FROM CP43-8 TO CP43.
875        RS      1              -1       0
876        RC    .06     .03     .04     600    .008
877        RX    800     850     930     965    1000    1020    1030    1040
878        RY   1096    1092    1090    1088    1088    1090    1096  1097.5

879        KK     43
880        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43
881        BA    .01
882        LG    .35     .35    4.29     .41     .60
883        UI    25.     45.      7.      0.      0.      0.      0.      0.      0.      0.
884        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

885        KK  I1CP43
886        KM        ADD HYDROGRAPHS AT CP43
887        HC      2     .11

888        KK    CP43
889        KM        ADD HYDROGRAPHS AT CP43.
890        HC      2   14.67

891        KK     R43
892        KM        ROUTE FLOW FROM CP43 TO CP44
893        RS      2              -1       0
894        RC    .05     .03     .05    4000   .0083
895        RX    800     900     965    1000    1050    1100    1200    1300
896        RY   1076    1075    1075    1064    1064    1071    1071    1075
```



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


897        KK  CP43-4
898        KM        RETURN DIVERT AT CP43-4
899        DR  DI43-4

900        KK  RD43-4
901        KM        ROUTE DIVERTED FLOW FROM CP43-4 TO CP44
902        RS      2              -1       0
903        RC   .045     .03    .045    4200   .0067
904        RX    910     940     970     990    1000    1020    1060    1100
905        RY   1064    1063    1062    1060    1060    1062    1063    1064

906        KK  CP43-5
```

```
907          KM        RETURN DIVERT AT CP43-5
908          DR  DI43-5

909          KK  RD43-5
910          KM        ROUTE DIVERTED FLOW FROM CP43-5 TO CP44
911          RS       2              -1       0
912          RC    .045     .03    .045    4100   .0067
913          RX     910     940     970     990    1000    1020    1060    1100
914          RY    1064    1063    1062    1060    1060    1062    1063    1064

915          KK  I1CWT4
916          KM        ADD HYDROGRAPHS AT CPWT4
917          HC       2     .05

918          KK  CP43-6
919          KM        RETURN DIVERT AT CP43-6
920          DR  DI43-6

921          KK  RD43-6
922          KM        ROUTE DIVERTED FLOW FROM CP43-6 TO CP44
923          RS       2              -1       0
924          RC    .045     .03    .045    4000   .0067
925          RX     910     940     970     990    1000    1020    1060    1100
926          RY    1064    1063    1062    1060    1060    1062    1063    1064

927          KK  I2CWT4
928          KM        ADD HYDROGRAPHS AT CPWT4
929          HC       2     .07

930          KK  CP43-7
931          KM        RETURN DIVERT AT CP43-7
932          DR  DI43-7

933          KK  RD43-7
934          KM        ROUTE DIVERTED FLOW FROM CP43-7 TO CP44
935          RS       2              -1       0
936          RC    .045     .03    .045    4000   .0067
937          RX     910     940     970     990    1000    1020    1060    1100
938          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

939          KK  I3CWT4
940          KM        ADD HYDROGRAPHS AT CPWT4
941          HC       2     .09

942          KK  CP43-8
943          KM        RETURN DIVERT AT CP43-8
944          DR  DI43-8

945          KK  RD43-8
946          KM        ROUTE DIVERTED FLOW FROM CP43-8 TO CP44
947          RS       2              -1       0
948          RC    .045     .03    .045    4000   .0067
949          RX     910     940     970     990    1000    1020    1060    1100
950          RY    1064    1063    1062    1060    1060    1062    1063    1064

951          KK  I4CWT4
952          KM        ADD HYDROGRAPHS AT CPWT4
953          HC       2     .10
```

```
954        KK      44
955        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 44
956        BA     .22
957        LG     .35     .35    4.14     .37     .00
958        UI     33.    133.    200.    301.    379.    260.    181.     98.     54.     31.
959        UI     10.     10.     10.      0.      0.      0.      0.      0.      0.      0.
960        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

961        KK  I5CWT4
962        KM        ADD HYDROGRAPHS AT CPWT4
963        HC       2     .32

964        KK  I6CWT4
965        KM        ADD HYDROGRAPHS AT CPWT4.
966        HC       2   14.89

967        KK    45-1
968        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 45-1
969        BA     .08
970        LG     .21     .34    4.19     .38     .60
971        UI     33.    102.    189.    155.     86.     31.     13.      6.      0.      0.
972        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

973        KK  SR45-1
974        KM        STORAGE ROUTE THROUGH 1-12X12 BC, 2-42" CMP AND 3-36" CMP FROM STA. 6368
975        KM        +00 TO STA. 6375+20 ON I-10 (100' TO 800' EAST OF TUTHILL RD.).
976        RS       1    STOR       0       0
977        SV       0     .85    2.23    5.73   11.22   14.61   19.71
978        SQ       0      51     156    1200    3130    4161    5509
979        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

980        KK  CP45-1
981        KM        DIVERT FLOW AT STA 6375+20
982        DT  DI45-1
983        DI       0      51     156    1200    3130    4161    5509
984        DQ       0      51     156     305     480     543     610

985        KK   R45-1
986        KM        ROUTE REMAINDER FROM CP45-1 TO CP45
987        RS       1              -1       0
988        RC     .04     .03     .04    1200   .0042
989        RX     850     900     930     965    1000    1020    1030    1040
990        RY    1086    1085    1084    1083    1083    1086    1090    1091

991        KK      45
992        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 45
993        BA     .38
994        LG     .17     .33    3.94     .34     .20
995        UI     36.     64.    145.    190.    232.    293.    427.    384.    301.    244.
996        UI    194.    148.     82.     60.     45.     36.     13.     11.     11.     11.
997        UI     11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
998        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

999        KK    CP45
1000       KM        ADD HYDROGRAPHS AT CP45
1001       HC       2     .46
```

```
1002        KK    SR45
1003        KM        STORAGE ROUTE THROUGH 9-36" CMP'S FROM STA 6379+84 TO STA 6390+50 ON
1004        KM        I-10.
1005        RS       1    STOR       0       0
1006        SV       0    1.84    5.95   18.55   23.27   29.04
1007        SQ       0      41     132     317    1462    3517
1008        SE  1081.1 1082.74  1084.0  1086.0  1086.5  1087.0

1009        KK    CP45
1010        KM        DIVERT FLOW TO WT4 AT STA 6390+50.
1011        DT    DI45
1012        DI       0      41     132     317    1462    3517
1013        DQ       0      41     132     317     362     392

1014        KK     R45
1015        KM        ROUTE REMAINDER FROM CP45 TO CP46-1.
1016        RS       1              -1       0
1017        RC     .04     .03     .04    1500   .0031
1018        RX     850     900     930     965    1000    1020    1030    1040
1019        RY    1083    1082    1081    1080    1080    1082    1083    1084

1020        KK    46-1
1021        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 46-1
1022        BA     .15
1023        LG     .19     .35    4.23     .39     .60
1024        UI     19.     60.    101.    133.    203.    208.    151.    111.     75.     37.
1025        UI     26.     16.      6.      6.      6.      0.      0.      0.      0.      0.
1026        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


1027        KK  CP46-1
1028        KM        ADD HYDROGRAPHS AT CP46-1
1029        HC       2     .61

1030        KK  SR46-1
1031        KM        STORAGE ROUTE THROUGH 5-36 CMP'S FROM STA 6395+75 TO STA 6400+60 ON
1032        KM        I-10.
1033        RS       1    STOR       0       0
1034        SV       0    1.07    4.71     9.0    11.7   14.88   18.65   23.01
1035        SQ       0      39     128     183     199     610    1351    2310
1036        SE  1078.3  1080.0  1081.5  1082.5  1083.0  1083.5  1084.0  1084.5

1037        KK  CP46-1
1038        KM        DIVERT FLOW AT STA 6400+60.
1039        DT  DI46-1
1040        DI       0      39     128     183     199     610    1351    2310
1041        DQ       0      39     128     183     199     210     225     244

1042        KK   R46-1
1043        KM        ROUTE REMAINDER FROM CP46-1 TO CP46.
1044        RS       1              -1       0
1045        RC     .04     .03     .04    2355   .0057
1046        RX     700     900     930     965    1000    1020    1030    1040
1047        RY    1076  1075.5    1075    1074    1074    1078    1080    1082

1048        KK      46
1049        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 46
1050        BA     .85
1051        LG     .19     .34    4.25     .45     .40
```

```
1052        UI     61.     61.    184.    265.    322.    373.    441.    539.    741.    706.
1053        UI    567.    488.    409.    345.    291.    208.    129.    104.     94.     61.
1054        UI     61.     19.     19.     19.     19.     19.     19.     19.      0.      0.
1055        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1056        KK  I1CP46
1057        KM        ADD HYDROGRAPHS AT CP46
1058        HC       2    1.46

1059        KK    232A
1060        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 232A
1061        BA     .61
1062        LG     .35     .33    4.08     .36     .00
1063        UI     85.    303.    478.    660.   1012.    771.    561.    388.    185.    122.
1064        UI     72.     26.     26.     26.      0.      0.      0.      0.      0.      0.
1065        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1066        KK   R232A
1067        KM        ROUTE FLOW FROM CP232A TO CP28
1068        RS      4              -1
1069        RC    .07    .035     .07    4400   .0043
1070        RX   1000    1001    1020    1030    1045    1060    1119    1120
1071        RY   1181    1181    1180    1178    1178    1180    1181    1181
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1072        KK      28
1073        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 28
1074        BA     .86
1075        LG     .15     .35    4.02     .52     .10
1076        UI     76.    119.    295.    392.    470.    578.    798.    929.    711.    587.
1077        UI    473.    381.    272.    153.    127.     89.     76.     24.     23.     23.
1078        UI     23.     23.      0.      0.      0.      0.      0.      0.      0.      0.
1079        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1080        KK    CP28
1081        KM        ADD HYDROGRAPHS  AT CP28
1082        HC       2    1.47

1083        KK     R28
1084        KM        ROUTE FLOW FROM CP28 TO CP30
1085        RS      2              -1
1086        RC    .03     .03     .05    2400    .027
1087        RX   1000    1001    1035    1050    1065    1075    1085    1095
1088        RY   1165    1165    1164    1162    1162    1164    1166    1168

1089        KK      30
1090        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 30
1091        BA     .28
1092        LG     .15     .35    3.27     .97     .20
1093        UI     36.    116.    193.    257.    400.    380.    277.    203.    132.     63.
1094        UI     45.     26.     11.     11.     11.      0.      0.      0.      0.      0.
1095        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1096        KK  I1CP30
1097        KM        ADD HYDROGRAPHS AT CP30
1098        HC       2

1099        KK      29
1100        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 29
```

```
1101        BA     .22
1102        LG     .15     .35    3.52     .78     .00
1103        UI     31.    113.    176.    245.    370.    276.    199.    135.     64.     42.
1104        UI     23.     10.     10.     10.      0.      0.      0.      0.      0.      0.
1105        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1106        KK    SR29
1107        KM        STORAGE ROUTE THROUGH RETENTION BASIN AT CP29
1108        RS       1    STOR       0       0
1109        SV       0    0.99   12.73   23.45   36.25   50.68   54.76   59.33   83.20
1110        SQ       0       0       0       0       0       0       0      88    6226
1111        SE  1164.5    1166    1170    1172    1174    1176  1177.5    1178    1180

1112        KK     R29
1113        KM        ROUTE REMAINDER OF FLOW AT CP29 TO CP30
1114        RS       1              -1       0
1115        RC     .05     .03     .05    1200   .0021
1116        RX    1000    1042    1052    1060    1082    1090    1140    1170
1117        RY    1171    1170    1168    1166    1166    1168    1170    1172
```



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


1118        KK    CP30
1119        KM        ADD HYDROGRAPHS AT CP30
1120        HC       2

1121        KK     R30
1122        KM        ROUTE COMBINED HYDROGRAPHS AT CP30 TO CP31
1123        RS       4              -1       0
1124        RC     .03     .03     .05    6770   .0069
1125        RX    1000    1025    1045    1070    1095    1110    1200    1550
1126        RY    1157    1156    1154    1152    1152    1154    1156    1158

1127        KK      31
1128        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 31
1129        BA     .71
1130        LG     .19     .35    3.76     .68     .20
1131        UI     60.     83.    224.    299.    358.    434.    565.    752.    613.    500.
1132        UI    413.    336.    268.    171.    105.     98.     60.     52.     18.     18.
1133        UI     18.     18.     18.      0.      0.      0.      0.      0.      0.      0.
1134        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1135        KK    CP31
1136        KM        ADD HYDROGRAPHS AT CP31
1137        HC       2

1138        KK     R31
1139        KM        ROUTE COMBINED HYDROGRAPH AT CP31 TO CP46
1140        RS       5              -1       0
1141        RC     .03     .03     .05    5800   .0082
1142        RX    1000    1012    1024    1035    1045    1053    1065    1098
1143        RY    1093    1092    1090    1088    1088    1090    1092    1094

1144        KK    CP46
1145        KM        ADD HYDROGRAPHS AT CP46.
1146        HC       2    4.14

1147        KK    SR46
1148        KM        STORAGE ROUTE THROUGH 5-10'X4' BC'S AT STA 6419+30 ON I-10.
1149        RS       1    STOR       0       0
```

```
1150        SV       0    1.08    3.13    4.28    5.18    7.54   12.96
1151        SQ       0     730    1460    1680    1834    2090    2420
1152        SE  1065.4 1068.42 1070.53  1071.4  1072.0  1073.0  1074.3

1153        KK     R46
1154        KM        ROUTE REMAINDER OF FLOW AT CP46 TO CPWT4
1155        RS       2              -1       0
1156        RC     .03     .03     .05    6800   .0067
1157        RX     910     930     940     950    1000    1020    1200    1400
1158        RY    1065    1064    1064    1060    1060    1064    1064    1065
1                                        HEC-1 INPUT                                                    PAGE 27

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


1159        KK  CP45-1
1160        KM        RETURN DIVERT AT  CP45-1
1161        DR  DI45-1

1162        KK  RD45-1
1163        KM        ROUTE DIVERTED FLOW FROM CP45-1 TO CPWT4
1164        RS       2              -1       0
1165        RC    .045     .03    .045    4100   .0067
1166        RX     910     940     970     990    1000    1020    1060    1100
1167        RY    1064    1063    1062    1060    1060    1062    1063    1064

1168        KK    CP45
1169        KM        RETURN DIVERT AT CP45
1170        DR    DI45

1171        KK    RD45
1172        KM        ROUTE DIVERTED FLOW FROM  CP45  TO CPWT4.
1173        RS       2              -1       0
1174        RC    .045     .03    .045    4200   .0067
1175        RX     910     940     970     990    1000    1020    1060    1100
1176        RY    1064    1063    1062    1060    1060    1062    1063    1064

1177        KK  I7CWT4
1178        KM        ADD HYDROGRAPHS AT CPWT4
1179        HC       2     .46

1180        KK  CP46-1
1181        KM        RETURN DIVERT AT CP46-1
1182        DR  DI46-1

1183        KK  RD46-1
1184        KM        ROUTE DIVERTED FLOW FROM CP46-1 TO CPWT4
1185        RS       3              -1       0
1186        RC    .045     .03    .045    4900   .0067
1187        RX     910     940     970     990    1000    1020    1060    1100
1188        RY    1064    1063    1062    1060    1060    1062    1063    1064

1189        KK  I8CWT4
1190        KM        ADD HYDROGRAPHS AT CPWT4
1191        HC       2     .61

1192        KK     WT4
1193        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN WT4
1194        BA     .77
1195        LG     .35     .35    4.17     .38     .40
1196        UI    108.    384.    604.    835.   1279.    973.    707.    488.    232.    153.
1197        UI     90.     33.     33.     33.      0.      0.      0.      0.      0.      0.
```

```
1198        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE 28

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


1199        KK  I9CWT4
1200        KM        ADD HYDROGRAPHS AT CPWT4
1201        HC       2    1.38

1202        KK  I10WT4
1203        KM        ADD HYDROGRAPHS AT CPWT4
1204        HC       2    4.91

1205        KK   CPWT4
1206        KM        ADD ENTIRE FLOW TOGETHER THAT GETS TO WHITE TANKS STRUCTURE NO 4.
1207        HC       2    19.8

1208        KK   SRWT4
1209        KM        STORAGE ROUTE TROUGH WHITE TANKS STRUCTURE NO. 4.
1210        KO       3
1211        RS       1    STOR       0       0
1212        SV       0    2.81      51     148     277     543    1269    1396    1690    2045
1213        SV    2246
1214        SQ       0       0       0       0       0       0       0     375    2600    6150
1215        SQ   14700
1216        SE     997    1000    1010    1020    1030    1040    1049    1050    1052    1054
1217        SE    1055

1218        KK    NONE
1219        KM        ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
1220        KM        OF SRTEAM NETWORK WHICH IS LIMITED TO 9 BRANCHES
1221        HC       2

1222        KK     111
1223        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 111.
1224        BA     .50
1225        LG     .40     .21    5.55     .22     .00
1226        UI     32.     32.     78.    129.    160.    184.    211.    246.    304.    406.
1227        UI    374.    307.    266.    230.    196.    167.    139.     99.     58.     55.
1228        UI     50.     32.     32.     15.     10.     10.     10.     10.     10.     10.
1229        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1230        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1231        KK    D111
1232        KM        DIVERT TO CP119 FROM CP111
1233        DT   DI119
1234        DI       0      32     109     228     389     599     858    1170    1539    1967
1235        DQ       0      11      39      83     145     228     333     462     617     799

1236        KK    R111
1237        KM        ROUTE REMAINDER FROM CP111 TO CP112
1238        RS       9              -1       0
1239        RC    .075    .035    .035    5280   .0040
1240        RX    1000    1570    2040    2370    2440    2468    2469    2470
1241        RY    1312    1310    1308    1306    1306    1307    1307    1307
                                           HEC-1 INPUT                                          PAGE 29

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


1242        KK     104
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1243    KM      RUNOFF HYDROGRAPH FROM SUB-BASIN 104
1244    BA    .15
1245    LG    .35     .31    4.93     .23     .00
1246    UI    26.    101.    151.    242.    249.    169.    112.     50.     31.     14.
1247    UI     7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
1248    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1249    KK   R104
1250    KM      ROUTE FLOW FROM CP104 TO CP112
1251    RS     53              -1       0
1252    RC   .075    .075    .075    6552   .0056
1253    RX   1000    1001    1230    1270    1750    2000    2380    2650
1254    RY   1321    1321    1320    1318    1318    1319    1318    1320

1255    KK    112
1256    KM      RUNOFF HYDROGRAPH FROM SUB-BASIN 112
1257    BA    .97
1258    LG    .50     .00    3.65     .50     .00
1259    UI    35.     35.     35.     35.     92.    123.    142.    165.    179.    193.
1260    UI   207.    224.    245.    266.    290.    340.    400.    464.    424.    371.
1261    UI   335.    308.    286.    267.    243.    220.    206.    185.    170.    155.
1262    UI   131.    101.     77.     62.     61.     58.     58.     45.     35.     35.
1263    UI    35.     28.     11.     11.     11.     11.     11.     11.     11.     11.
1264    UI    11.     11.     11.     11.     11.      0.      0.      0.      0.      0.
1265    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1266    KK   1I112
1267    KM      ADD HYDROGRAPHS AT CP112.
1268    HC      2    1.12

1269    KK   CP112
1270    KM      ADD HYDROGRAPHS AT CP112.
1271    HC      2    1.62

1272    KK    D112
1273    KM      DIVERT TO CP120 FROM CP112
1274    DT   DI120
1275    DI      0      48     165     355     625     981    1434    1990
1276    DQ      0      16      55     118     208     327     478     663

1277    KK    D112
1278    KM      DIVERT TO CP121A FROM CP112
1279    DT  1D121A
1280    DI      0      32     110     237     417     654     956    1327
1281    DQ      0      16      55     118     208     327     478     663

1282    KK    R112
1283    KM      ROUTE REMAINDER FROM CP112 TO CP113A
1284    RS      6              -1       0
1285    RC   .075    .035    .035    2640   .0023
1286    RX   1000    1490    1830    2600    2770    2788    2789    2790
1287    RY   1290    1288    1286    1284    1284    1285    1285    1285
```



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


1288    KK    113A
1289    KM      RUNOFF HYDROGRAPH FROM SUB-BASIN 113A
1290    BA    .50
1291    LG    .50     .00    7.93     .15     .00
1292    UI    22.     22.     22.     42.     75.     89.    103.    115.    125.    137.
```

```
1293        UI    152.    167.    192.    238.    276.    260.    224.    199.    181.    167.
1294        UI    149.    134.    121.    108.     98.     79.     62.     40.     38.     36.
1295        UI     35.     26.     22.     22.     20.      7.      7.      7.      7.      7.
1296        UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
1297        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1298        KK  CP113A
1299        KM        ADD HYDROGRAPHS AT CP113A
1300        HC       2    2.12

1301        KK   R113A
1302        KM        ROUTE FLOW FROM CP113A TO CP121A
1303        RS       2              -1       0
1304        RC     .02     .02     .02    5306    .002
1305        RX    1000    1002    1004    1014    1044    1054    1056    1058
1306        RY       7       6       5       0       0       5       6       7

1307        KK    D112
1308        KM        RETURN DIVERT AT CP112
1309        DR  1D121A

1310        KK    R112
1311        KM        ROUTE FLOW FROM CP112 TO CP121A
1312        RS       6              -1       0
1313        RC     .05    .022     .05    6700   .0034
1314        RX    1000    1180    1205    1225    1295    1320    1345    1670
1315        RY    1265    1264    1262    1260    1260    1262    1264    1265

1316        KK    121A
1317        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 121A
1318        BA     .50
1319        LG     .46     .09    4.03     .57     .00
1320        UI     26.     26.     30.     89.    109.    129.    146.    161.    183.    205.
1321        UI    248.    317.    331.    274.    238.    214.    190.    166.    147.    129.
1322        UI    109.     80.     52.     46.     43.     37.     26.     26.     19.      8.
1323        UI      8.      8.      8.      8.      8.      8.      8.      8.      0.      0.
1324        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1325        KK  1I121A
1326        KM        ADD HYDROGRAPHS AT CP121A
1327        HC       2    2.12

1328        KK  CP121A
1329        KM        ADD HYDROGRAPHS AT CP121A
1330        HC       2    2.62
```



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


1331        KK   R121A
1332        KM        ROUTE FLOW FROM CP121A TO CP131A
1333        RS       2              -1       0
1334        RC     .02     .02     .02    5280    .002
1335        RX    1000    1002    1004    1015    1045    1056    1058    1060
1336        RY     7.5     6.5     5.5       0       0     5.5     6.5     7.5

1337        KK    131A
1338        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 131A
1339        BA     .49
1340        LG     .50     .00    5.47     .34     .00
1341        UI     22.     22.     22.     48.     77.     93.    106.    119.    129.    142.
```

```
1342        UI    159.    175.    208.    256.    285.    243.    212.    191.    174.    158.
1343        UI    141.    128.    112.    103.     86.     64.     45.     39.     36.     36.
1344        UI     27.     22.     22.     19.      7.      7.      7.      7.      7.      7.
1345        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
1346        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1347        KK  1I131A
1348        KM        ADD HYDROGRAPHS AT CP131A
1349        HC       2    3.11

1350        KK    D111
1351        KM        RETURN DIVERT AT CP111
1352        DR   DI119

1353        KK    R111
1354        KM        ROUTE FLOWS FROM CP111 TO CP119
1355        RS      10              -1       0
1356        RC    .035    .035    .075    5250   .0034
1357        RX    1000    1001    1002    1025    1100    1320    1540    1730
1358        RY    1301    1301    1301    1300    1300    1302    1304    1306

1359        KK     119
1360        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 119
1361        BA     .86
1362        LG     .50     .00    5.56     .31     .00
1363        UI     36.     36.     36.     58.    120.    142.    168.    185.    202.    218.
1364        UI    241.    267.    292.    350.    424.    469.    404.    355.    319.    293.
1365        UI    270.    241.    219.    197.    178.    161.    131.    103.     68.     63.
1366        UI     60.     59.     47.     36.     36.     36.     16.     11.     11.     11.
1367        UI     11.     11.     11.     11.     11.     11.     11.     11.      0.      0.
1368        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1369        KK   CP119
1370        KM        ADD HYDROGRAPHS AT CP119
1371        HC       2    1.36

1372        KK    D119
1373        KM        DIVERT TO CP128 FROM CP119
1374        DT   DI128
1375        DI       0      42     139     286     485     739    1052    1425
1376        DQ       0      25      81     167     283     429     607     819
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1377        KK    R119
1378        KM        ROUTE REMAINDER FROM CP119 TO CP119A
1379        RS       6              -1       0
1380        RC    .075    .035    .035    2640   .0015
1381        RX    1000    1001    1450    1800    1820    1838    1839    1840
1382        RY    1292    1292    1290    1288    1288    1289    1289    1289

1383        KK    119A
1384        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 119A
1385        BA     .47
1386        LG     .50     .00    6.91     .20     .00
1387        UI     19.     19.     19.     29.     64.     75.     90.     98.    107.    116.
1388        UI    128.    142.    154.    181.    219.    254.    226.    197.    177.    162.
1389        UI    150.    134.    121.    111.     98.     91.     77.     59.     46.     34.
1390        UI     33.     32.     31.     19.     19.     19.     16.      6.      6.      6.
1391        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
```

```
1392        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1393        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1394        KK  CP119A
1395        KM        ADD HYDROGRAPHS AT CP119A
1396        HC       2    1.83

1397        KK   D119A
1398        KM        DIVERT TO CP130 FROM CP119A
1399        DT   DI130
1400        DI       0      13      46     100     177     281     413     577     774    1007
1401        DI    1279    1600    1978
1402        DQ       0       0       0       0       0       0       0       0       0       0
1403        DQ       0       9      31

1404        KK   R119A
1405        KM        ROUTE REMAINDER FROM CP119A TO CP120
1406        RS       2              -1       0
1407        RC    .035    .035    .035    2300   .0096
1408        RX    1000    1001    1002    1180    1200    1213    1214    1215
1409        RY    1278    1278    1278    1276    1276    1277    1277    1277

1410        KK     120
1411        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 120
1412        BA     .54
1413        LG     .50     .00    7.23     .19     .00
1414        UI     21.     21.     21.     23.     69.     79.     94.    105.    115.    123.
1415        UI    134.    148.    161.    179.    212.    257.    277.    239.    211.    191.
1416        UI    176.    164.    147.    133.    124.    109.    101.     88.     70.     57.
1417        UI     37.     37.     35.     35.     28.     21.     21.     21.     13.      6.
1418        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
1419        UI      6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1420        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


1421        KK   1I120
1422        KM        ADD HYDROGRAPHS AT CP120
1423        HC       2    2.37

1424        KK    D112
1425        KM        RETURN DIVERT AT CP112
1426        DR   DI120

1427        KK    R112
1428        KM        ROUTE FLOW FROM CP112 TO CP120
1429        RS       8              -1       0
1430        RC    .035    .035    .075    5270   .0044
1431        RX    1000    1001    1002    1020    1040    1340    1820    2030
1432        RY    1281    1281    1281    1280    1280    1282    1284    1286

1433        KK   CP120
1434        KM        ADD HYDROGRAPHS AT CP120.
1435        HC       2    3.49

1436        KK    R120
1437        KM        ROUTE FLOWS FROM CP120 TO CP130
1438        RS       5              -1       0
1439        RC     .03     .03     .06    5280   .0032
1440        RX    1000    1001    1002    1020    1040    1090    1520    1830
```

```
1441        RY   1261    1261    1261    1260    1260    1262    1264    1266

1442        KK   D119
1443        KM       RETURN DIVERT AT CP119
1444        DR  DI128

1445        KK   R119
1446        KM       ROUTE FLOW CP119 TO CP128
1447        RS      4              -1       0
1448        RC   .035    .035     .06    2640   .0015
1449        RX   1000    1001    1002    1010    1045    1085    1460    1710
1450        RY   1287    1287    1287    1286    1286    1288    1290    1292

1451        KK    128
1452        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 128
1453        BA    .41
1454        LG    .50     .00    3.59     .47     .00
1455        UI    22.     22.     25.     73.     90.    106.    120.    133.    151.    170.
1456        UI   206.    264.    270.    223.    195.    175.    155.    136.    119.    105.
1457        UI    89.     64.     41.     38.     36.     29.     22.     22.     14.      7.
1458        UI     7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
1459        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1460        KK  CP128
1461        KM       ADD HYDROGRAPHS AT CP128
1462        HC      2    1.77
```



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


1463        KK   R128
1464        KM       ROUTE FLOW FROM CP128 TO CP130
1465        RS     38              -1       0
1466        RC   .075    .075    .075    6240   .0062
1467        RX   1000    1400    1770    2240    3260    3468    3469    3470
1468        RY   1272    1270    1268    1266    1266    1267    1267    1267

1469        KK   D119A
1470        KM       RETURN DIVERT AT CP119A
1471        DR  DI130

1472        KK   R119A
1473        KM       ROUTE FLOW FROM CP119A TO CP130
1474        RS      5              -1       0
1475        RC    .08     .08     .08    6318   .0062
1476        RX   1000    1400    1770    2240    3260    3468    3469    3470
1477        RY   1272    1270    1268    1266    1266    1267    1267    1267

1478        KK    130
1479        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 130
1480        BA   1.00
1481        LG    .50     .00    5.01     .28     .00
1482        UI    37.     37.     37.     37.    108.    133.    156.    177.    194.    210.
1483        UI   225.    244.    269.    289.    327.    397.    453.    482.    418.    371.
1484        UI   338.    312.    291.    264.    241.    221.    202.    184.    170.    142.
1485        UI   108.     85.     66.     65.     61.     61.     46.     37.     37.     37.
1486        UI    25.     11.     11.     11.     11.     11.     11.     11.     11.     11.
1487        UI    11.     11.     11.     11.      0.      0.      0.      0.      0.      0.
1488        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1489        KK   1I130
```

```
1490        KM        ADD HYDROGRAPHS AT CP130
1491        HC      3    3.24

1492        KK    129
1493        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 129
1494        BA    .43
1495        LG    .42     .05    4.24     .48    4.00
1496        UI    28.     28.     72.    116.    143.    164.    189.    222.    287.    360.
1497        UI   312.    259.    226.    192.    164.    139.    109.     71.     50.     47.
1498        UI    36.     28.     23.      9.      9.      9.      9.      9.      9.      9.
1499        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1500        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1501        KK   R129
1502        KM        ROUTE FLOW FROM CP129 TO CP130
1503        RS      9              -1      0
1504        RC   .075     .04     .04    5280    .006
1505        RX   1000    1250    1450    2070    2080    2098    2099    2100
1506        RY   1270    1268    1266    1264    1264    1265    1265    1265
1
                                        HEC-1 INPUT                                          PAGE 35

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


1507        KK   CP130
1508        KM        ADD HYDROGRAPHS AT CP130.
1509        HC      3    5.33

1510        KK    D130
1511        KM        DIVERT TO CP144 FROM CP130
1512        DT   DI144
1513        DI      0      37     124     257     440     743    1487    2233    3928    6436
1514        DQ      0       0       0       0       0     196     657    1133    2198    3747

1515        KK    R130
1516        KM        ROUTE REMAINDER FROM CP130 TO CP131A
1517        RS      8              -1
1518        RC   .075     .04     .04    2640   .0057
1519        RX   1000    1001    1640    2050    2290    2328    2329    2330
1520        RY   1234    1234    1232    1230    1230    1231    1231    1231

1521        KK  CP131A
1522        KM        ADD HYDROGRAPHS AT CP131A
1523        HC      2    6.82

1524        KK   R131A
1525        KM        ROUTE FLOW FROM CP131A TO CP145A
1526        RS      2              -1
1527        RC    .02     .02     .02    5279    .002
1528        RX   1000    1002    1004    1016    1056    1068    1070    1072
1529        RY      8       7       6       0       0       6       7       8

1530        KK    145A
1531        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 145A
1532        BA    .49
1533        LG    .50     .00    3.78     .42     .00
1534        UI    21.     21.     21.     41.     73.     87.    101.    113.    122.    134.
1535        UI   149.    163.    188.    234.    270.    255.    219.    195.    178.    163.
1536        UI   146.    131.    119.    106.     96.     78.     61.     39.     37.     35.
1537        UI    35.     25.     21.     21.     19.      6.      6.      6.      6.      6.
1538        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
1539        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
1540        KK  1I145A
1541        KM        ADD HYDROGRAPHS AT CP145A
1542        HC       2    7.31

1543        KK     141
1544        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 141
1545        BA     .47
1546        LG     .35     .34    4.07     .52     .00
1547        UI     52.    126.    241.    310.    403.    607.    538.    413.    317.    239.
1548        UI    135.     88.     61.     41.     16.     16.     16.     16.      0.      0.
1549        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


1550        KK    R141
1551        KM        ROUTE FLOW FROM CP141 TO CP141A
1552        RS       1              -1       0
1553        RC    .025    .022    .022    1650   .0091
1554        RX    1000    1580    2170    2200    2230    2248    2249    2250
1555        RY    1194    1192    1190    1188    1188    1189    1189    1189

1556        KK    141A
1557        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 141A
1558        BA     .14
1559        LG     .35     .35    4.08     .52     .00
1560        UI     35.    122.    188.    302.    213.    138.     62.     34.     13.      8.
1561        UI      8.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1562        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1563        KK  CP141A
1564        KM        ADD HYDROGRAPHS AT CP141A
1565        HC       2    0.61

1566        KK   R141A
1567        KM        ROUTE FLOW FROM CP141A TO CP142
1568        RS       2              -1       0
1569        RC     .06    .035    .035    2640   .0079
1570        RX    1000    1620    2100    2220    2250    2268    2269    2270
1571        RY    1276    1274    1272    1270    1270    1271    1271    1271

1572        KK     142
1573        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 142
1574        BA     .51
1575        LG     .50     .00    4.18     .47     .00
1576        UI     24.     24.     24.     59.     86.    105.    119.    132.    144.    161.
1577        UI    180.    203.    258.    300.    281.    241.    213.    194.    176.    155.
1578        UI    140.    124.    112.     94.     70.     48.     42.     39.     39.     26.
1579        UI     24.     24.     16.      7.      7.      7.      7.      7.      7.      7.
1580        UI      7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
1581        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1582        KK   CP142
1583        KM        ADD HYDROGRAPHS AT CP142
1584        HC       2    1.12

1585        KK    R142
1586        KM        ROUTE FLOW FROM CP142 TO CP143
1587        RS       8              -1       0
1588        RC     .07    .022    .022    2640   .0075
```

```
1589        RX    1000    1800    2235    2250    2275    2288    2289    2290
1590        RY    1250    1245    1247    1246    1246    1247    1247    1247

1591        KK     143
1592        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 143
1593        BA     .50
1594        LG     .50     .00    4.00     .41     .00
1595        UI     23.     23.     23.     57.     83.    101.    116.    128.    140.    155.
1596        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

1597        UI    138.    123.    110.     94.     71.     50.     41.     39.     38.     28.
1598        UI     23.     23.     18.      7.      7.      7.      7.      7.      7.      7.
1599        UI      7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
1600        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1601        KK   CP143
1602        KM        ADD HYDROGRAPHS AT CP143
1603        HC       2    1.62

1604        KK    R143
1605        KM        ROUTE FLOW FROM CP143 TO CP144
1606        RS       2              -1       0
1607        RC     .07     .03     .03    2640   .0072
1608        RX    1000    1490    2250    2370    2380    2394    2398    2400
1609        RY    1238    1236    1234    1232    1232    1233    1233    1233

1610        KK    D130
1611        KM        RETURN DIVERT AT CP130
1612        DR   DI144

1613        KK    R130
1614        KM        ROUTE FLOW FROM CP130 TO CP144
1615        RS       7              -1       0
1616        RC    .035    .035    .075    5280   .0049
1617        RX    1000    1001    1002    1020    1110    1570    2080    2370
1618        RY    1239    1239    1239    1238    1238    1240    1242    1244

1619        KK     144
1620        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 144
1621        BA     .51
1622        LG     .50     .00    3.65     .46     .00
1623        UI     23.     23.     23.     58.     85.    103.    118.    130.    142.    159.
1624        UI    178.    200.    253.    294.    285.    242.    215.    194.    177.    156.
1625        UI    141.    125.    112.     96.     72.     51.     42.     39.     39.     28.
1626        UI     23.     23.     18.      7.      7.      7.      7.      7.      7.      7.
1627        UI      7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
1628        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1629        KK   1I144
1630        KM        ADD HYDROGRAPHS AT CP144
1631        HC       2    5.84

1632        KK   CP144
1633        KM        ADD HYDROGRAPHS AT CP144
1634        HC       2    7.46

1635        KK    D144
1636        KM        DIVERT TO CP164A FROM CP144
1637        DT   D164A
```

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1638        DI      0     407    1451    2130    3746    6248    9200   13452
1639        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

1640        KK   R144
1641        KM        ROUTE REMAINDER FROM CP144 TO CP145A
1642        RS      7              -1       0
1643        RC   .075     .04     .04    2640   .0045
1644        RX   1000    1001    1630    2095    2150    2198    2199    2200
1645        RY   1220    1216    1216    1214    1214    1215    1215    1215

1646        KK  CP145A
1647        KM        ADD HYDROGRAPHS AT CP145A
1648        HC      2    9.44

1649        KK   R145A
1650        KM        ROUTE FLOW FROM CP145A TO CP164A
1651        RS      2              -1       0
1652        RC    .02     .02     .02    5280    .002
1653        RX   1000    1002    1004    1017    1067    1080    1082    1084
1654        RY    8.5     7.5     6.5       0       0     6.5     7.5     8.5

1655        KK    D144
1656        KM        RETURN DIVERT AT CP144
1657        DR   D164A

1658        KK    R144
1659        KM        ROUTE FLOW FROM CP144 TO  CP164A
1660        RS     46              -1       0
1661        RC    .07     .07     .07    6400   .0058
1662        RX   1000    1001    1002    1400    1910    2610    2669    2670
1663        RY   1203    1203    1203    1202    1202    1204    1205    1205

1664        KK    164A
1665        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 164A
1666        BA    .49
1667        LG    .50     .00    5.59     .31     .00
1668        UI    22.     22.     22.     51.     79.     96.    110.    122.    133.    147.
1669        UI   164.    182.    220.    273.    282.    238.    209.    189.    174.    154.
1670        UI   138.    124.    111.     98.     78.     60.     39.     39.     36.     35.
1671        UI    22.     22.     22.     11.      7.      7.      7.      7.      7.      7.
1672        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
1673        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1674        KK  1I164A
1675        KM        ADD HYDROGRAPHS AT CP164A
1676        HC      2    7.95

1677        KK  2I164A
1678        KM        ADD HYDROGRAPHS AT CP164A
1679        HC      2    9.93

1680        KK     159
1681        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 159
1682        BA    .58
1683        LG    .35     .34    3.81     .65     .00
1684        UI    66.    169.    316.    407.    539.    797.    641.    495.    375.    269.
1685        UI   139.    105.     66.     33.     20.     20.     20.      0.      0.      0.
```

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

1686          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1687          KK    R159
1688          KM        ROUTE FLOW FROM CP159 TO CP160
1689          RS       1               -1       0
1690          RC    .022    .022    .025     830   .0036
1691          RX    1000    1001    1002    1020    1060    1150    1320    1440
1692          RY    1265    1265    1265    1264    1264    1266    1268    1270

1693          KK     160
1694          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 160
1695          BA     .39
1696          LG     .35     .33    3.98     .34     .00
1697          UI     41.     92.    184.    238.    301.    435.    474.    354.    279.    216.
1698          UI    150.     79.     64.     41.     22.     13.     13.     13.     13.      0.
1699          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1700          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1701          KK   CP160
1702          KM        ADD HYDROGRAPHS AT CP160
1703          HC       2     .97

1704          KK    R160
1705          KM        ROUTE FLOW FROM CP160 TO CP161
1706          RS       3               -1       0
1707          RC    .075     .04     .04    2650   .0072
1708          RX    1000    1001    1210    1630    1670    1688    1689    1690
1709          RY    1259    1259    1258    1256    1256    1257    1257    1257

1710          KK     161
1711          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 161
1712          BA     .50
1713          LG     .49     .03    4.09     .77     .00
1714          UI     24.     24.     24.     70.     92.    114.    127.    140.    155.    176.
1715          UI    195.    236.    297.    307.    258.    225.    202.    184.    161.    145.
1716          UI    127.    115.     93.     70.     43.     42.     40.     36.     24.     24.
1717          UI     23.      7.      7.      7.      7.      7.      7.      7.      7.      7.
1718          UI      7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1719          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1720          KK   CP161
1721          KM        ADD HYDROGRAPHS AT CP161
1722          HC       2    1.47

1723          KK    R161
1724          KM        ROUTE FLOW FROM CP161 TO CP163
1725          RS       6               -1       0
1726          RC     .08     .04     .04    5280   .0074
1727          RX    1000    1500    1910    2455    2470    2488    2489    2490
1728          RY    1226    1224    1222    1220    1220    1221    1221    1221
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1729          KK     162
1730          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 162
1731          BA     .25
1732          LG     .50     .00    3.96     .59     .00
```

```
1733        UI    22.     35.     86.    114.    137.    169.    233.    270.    206.    170.
1734        UI   138.    110.     78.     44.     37.     26.     22.      7.      7.      7.
1735        UI     7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
1736        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1737        KK   R162
1738        KM        ROUTE FLOW FROM CP162 TO CP163
1739        RS      8              -1       0
1740        RC    .08     .04     .04    5460   .0062
1741        RX   1000    1500    1910    2455    2470    2488    2489    2490
1742        RY   1226    1224    1222    1220    1220    1221    1221    1221

1743        KK    163
1744        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 163
1745        BA    .75
1746        LG    .50     .00    3.70     .42     .00
1747        UI    37.     37.     37.    107.    140.    173.    193.    212.    235.    267.
1748        UI   296.    361.    456.    458.    383.    336.    303.    274.    240.    216.
1749        UI   187.    170.    133.    101.     65.     63.     60.     51.     37.     37.
1750        UI    30.     11.     11.     11.     11.     11.     11.     11.     11.     11.
1751        UI    11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1752        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1753        KK   1I163
1754        KM        ADD HYDROGRAPHS AT CP163
1755        HC      2     1.0

1756        KK   CP163
1757        KM        ADD HYDROGRAPHS AT CP163
1758        HC      2    2.47

1759        KK    D163
1760        KM        DIVERT TO CP176A FROM CP163
1761        DT  DI176A
1762        DI      0      72     427    1229    2615    4708    5777    6545    8336   11092
1763        DQ      0       0       0       0       0       0       9      95     329     762

1764        KK   R163
1765        KM        ROUTE REMAINDER FROM CP163 TO CP164A
1766        RS      2              -1       0
1767        RC    .06    .035    .035    2640   .0078
1768        RX   1000    1410    1900    2110    2150    2168    2169    2170
1769        RY   1188    1186    1184    1182    1182    1183    1183    1183

1770        KK  CP164A
1771        KM        ADD HYDROGRAPHS AT CP164A
1772        HC      2   12.40
```



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


1773        KK   R164A
1774        KM        ROUTE FLOW FROM CP164A TO CP177A
1775        RS      2              -1       0
1776        RC    .02     .02     .02    5276    .002
1777        RX   1000    1002    1004    1017    1077    1090    1092    1094
1778        RY    8.5     7.5     6.5       0       0     6.5     7.5     8.5

1779        KK    177A
1780        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 177A
1781        BA    .49
```

```
1782        LG    .50     .00    3.99     .43     .00
1783        UI    22.     22.     22.     49.     78.     94.    107.    120.    130.    143.
1784        UI   161.    177.    212.    261.    285.    241.    211.    190.    174.    157.
1785        UI   140.    127.    111.    103.     83.     63.     42.     39.     36.     36.
1786        UI    25.     22.     22.     17.      7.      7.      7.      7.      7.      7.
1787        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
1788        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1789        KK  1I177A
1790        KM        ADD HYDROGRAPHS AT CP177A
1791        HC       2   12.89

1792        KK    D163
1793        KM        RETURN DIVERT AT CP163
1794        DR  DI176A

1795        KK    R163
1796        KM        ROUTE FLOW FROM CP163 TO CP176A
1797        RS       6              -1       0
1798        RC    .035    .035    .075    5280   .0040
1799        RX    1000    1001    1002    1010    1025    1320    1620    1845
1800        RY    1197    1197    1197    1196    1196    1198    1200    1202

1801        KK    176A
1802        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 176A
1803        BA     .62
1804        LG    .50     .00    4.09     .42     .00
1805        UI    24.     24.     24.     24.     79.     89.    106.    118.    131.    139.
1806        UI   151.    166.    182.    200.    236.    283.    318.    279.    245.    221.
1807        UI   203.    189.    171.    155.    142.    129.    117.    105.     87.     69.
1808        UI    46.     43.     41.     40.     37.     24.     24.     24.     21.      7.
1809        UI     7.      7.      7.      7.      7.      7.      7.      7.      7.      7.
1810        UI     7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1811        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1812        KK  CP176A
1813        KM        ADD HYDROGRAPHS AT CP176A
1814        HC       2    3.09
```



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


1815        KK   D176A
1816        KM        DIVERT TO CP191 FROM CP176A
1817        DT   DI191
1818        DI       0      47     164     349     497    1107    2599    4968    8289
1819        DQ       0       0       0       0       0      60     278     719    1444

1820        KK   R176A
1821        KM        ROUTE REMAINDER FROM CP176A TO CP177A
1822        RS       4              -1       0
1823        RC    .075     .04     .04    2640   .0064
1824        RX    1000    1200    1545    2020    2145    2168    2169    2170
1825        RY    1173    1172    1170    1168    1168    1169    1169    1169

1826        KK  CP177A
1827        KM        ADD HYDROGRAPHS AT CP177A
1828        HC       2   13.51

1829        KK   R177A
1830        KM        ROUTE FLOW FROM CP177A TO CP192A
```

```
1831        RS      2              -1       0
1832        RC    .02     .02     .02    5292    .002
1833        RX   1000    1002    1004    1018    1078    1092    1094    1096
1834        RY      9       8       7       0       0       7       8       9

1835        KK   192A
1836        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 192A
1837        BA    .50
1838        LG    .50     .00    4.18     .41     .00
1839        UI    22.     22.     22.     50.     79.     96.    110.    122.    133.    146.
1840        UI   164.    180.    217.    267.    291.    246.    215.    194.    178.    160.
1841        UI   142.    129.    114.    105.     85.     64.     43.     40.     37.     37.
1842        UI    25.     22.     22.     17.      7.      7.      7.      7.      7.      7.
1843        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
1844        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1845        KK  1I192A
1846        KM        ADD HYDROGRAPHS AT CP 192A
1847        HC      2   14.01

1848        KK    174
1849        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 174
1850        BA    .45
1851        LG    .35     .33    3.90     .33     .00
1852        UI    62.    218.    346.    474.    735.    574.    418.    294.    145.     94.
1853        UI    57.     19.     19.     19.      0.      0.      0.      0.      0.      0.
1854        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1855        KK    R174
1856        KM        ROUTE FLOW FROM CP174 TO CP176
1857        RS      7              -1       0
1858        RC   .025    .025    .025    7020   .0073
1859        RX   1000    1040    1100    1200    1600    1620    1630    1750
1860        RY   1223    1222    1220    1218    1218    1220    1222    1224
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1861        KK    175
1862        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 175
1863        BA    .28
1864        LG    .35     .33    3.87     .33     .00
1865        UI    38.    128.    207.    279.    440.    364.    267.    192.    103.     63.
1866        UI    38.     15.     12.     12.      0.      0.      0.      0.      0.      0.
1867        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1868        KK    D175
1869        KM        DIVERT TO CP175A FROM CP175
1870        DT  DI175A
1871        DI      0      53     200     459     854    1367    2544    4308    6658    9613
1872        DQ      0      53     200     459     854    1047    1478    2105    2915    3906

1873        KK    R175
1874        KM        ROUTE REMAINDER FROM CP175 TO CP176
1875        RS      5              -1       0
1876        RC   .025    .022    .022    6500   .0074
1877        RX   1000    1100    1300    1420    1470    1558    1559    1560
1878        RY   1226    1224    1222    1220    1220    1222    1222    1222

1879        KK    176
1880        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 176
```

```
1881        BA     .67
1882        LG     .35     .34    4.03     .35     .00
1883        UI     66.    128.    279.    362.    449.    588.    817.    642.    515.    407.
1884        UI    319.    208.    115.     99.     66.     37.     20.     20.     20.     20.
1885        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1886        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1887        KK   1I176
1888        KM        ADD HYDROGRAPHS AT CP176
1889        HC       2     .95

1890        KK   CP176
1891        KM        ADD HYDROGRAPHS AT CP176
1892        HC       2    1.40

1893        KK    R176
1894        KM        ROUTE FLOW FROM CP176 TO CP191
1895        RS       5              -1       0
1896        RC    .035    .035    .075    5540   .0067
1897        RX    1000    1001    1002    1025    1100    1400    1720    2050
1898        RY    1163    1163    1163    1162    1162    1164    1166    1168

1899        KK    D175
1900        KM        RETURN DIVERT AT CP175
1901        DR  DI175A
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1902        KK    R175
1903        KM        ROUTE FLOW FROM CP175 TO CP175A
1904        RS       2              -1       0
1905        RC    .022    .022    .025    1560   .0013
1906        RX    1000    1001    1002    1020    1055    1150    1190    1390
1907        RY    1136    1136    1136    1134    1134    1136    1138    1140

1908        KK    175A
1909        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 175A
1910        BA     .47
1911        LG     .35     .33    3.80     .65     .00
1912        UI     42.     66.    162.    215.    258.    317.    439.    507.    388.    320.
1913        UI    258.    207.    147.     82.     69.     48.     41.     13.     13.     13.
1914        UI     13.     13.      0.      0.      0.      0.      0.      0.      0.      0.
1915        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1916        KK  CP175A
1917        KM        ADD HYDROGRAPHS AT CP175A
1918        HC       2     .75

1919        KK   R175A
1920        KM        ROUTE FLOW FROM CP175A TO CP189
1921        RS      11              -1       0
1922        RC    .022    .022    .025    3300   .0009
1923        RX    1000    1001    1002    1020    1035    1170    1460    1720
1924        RY    1233    1233    1233    1232    1232    1234    1236    1238

1925        KK     189
1926        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 189
1927        BA     .51
1928        LG     .35     .35    4.17     .40     .00
1929        UI     52.    110.    229.    298.    372.    516.    631.    471.    376.    293.
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```
1930        UI   219.    118.     88.     59.     43.     16.     16.     16.     16.      0.
1931        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1932        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1933        KK   CP189
1934        KM        ADD HYDROGRAPHS AT CP189
1935        HC       2    1.26

1936        KK    R189
1937        KM        ROUTE FLOW FROM CP189 TO CP190
1938        RS       8              -1       0
1939        RC     .08    .035    .035    6900   .0057
1940        RX    1000    1270    1700    2040    2090    2118    2119    2120
1941        RY    1212    1210    1208    1206    1206    1207    1207    1207

1942        KK     190
1943        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 190
1944        BA     .86
1945        LG     .50     .00    4.18     .42     .00
1946        UI     44.     44.     44.    141.    176.    209.    238.    261.    292.    331.
1947        UI    381.    482.    570.    492.    422.    374.    339.    297.    264.    232.
1948        UI    207.    167.    124.     77.     76.     72.     59.     44.     44.     31.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1949        UI     13.     13.     13.     13.     13.     13.     13.     13.     13.      0.
1950        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1951        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1952        KK   CP190
1953        KM        ADD HYDROGRAPHS AT CP190
1954        HC       2    2.12

1955        KK    R190
1956        KM        ROUTE FLOW FROM CP190 TO CP191
1957        RS       5              -1
1958        RC    .075    .035    .035    5280   .0076
1959        RX    1000    1260    2080    2310    2330    2358    2359    2360
1960        RY    1182    1180    1178    1176    1176    1177    1177    1177

1961        KK   D176A
1962        KM        RETURN DIVERT AT CP176A
1963        DR   DI191

1964        KK   R176A
1965        KM        ROUTE FLOW FROM CP176A TO CP191
1966        RS       4              -1       0
1967        RC    .035    .035     .08    5280   .0062
1968        RX    1000    1001    1002    1025    1100    1400    1720    2050
1969        RY    1163    1163    1163    1162    1162    1164    1166    1168

1970        KK   1I191
1971        KM        ADD HYDROGRAPHS AT CP191
1972        HC       3    6.33

1973        KK     191
1974        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 191
1975        BA     .99
1976        LG     .50     .00    3.59     .41     .00
1977        UI     39.     39.     39.     40.    127.    144.    170.    189.    210.    223.
1978        UI    243.    267.    293.    322.    381.    459.    509.    443.    389.    353.
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1979        UI    324.    301.    272.    247.    227.    204.    186.    166.    135.    111.
1980        UI     70.     68.     65.     63.     56.     39.     39.     39.     30.     12.
1981        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
1982        UI     12.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1983        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1984        KK   CP191
1985        KM        ADD HYDROGRAPHS AT CP191
1986        HC       2    7.32

1987        KK    D191
1988        KM        DIVERT TO CP208 FROM CP191
1989        DT   1D208
1990        DI       0      80     468    1339    2000    3000    4000    5000    6000
1991        DQ       0      80     468    1339    1339    1339    1339    1339    1339
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1992        KK    R191
1993        KM        ROUTE REMAINDER FROM CP191 TO CP192A
1994        RS       5              -1       0
1995        RC     .08     .04     .04    2640   .0045
1996        RX    1000    1350    1800    2200    2225    2278    2279    2280
1997        RY    1148    1146    1144    1142    1142    1143    1143    1143

1998        KK  CP192A
1999        KM        ADD HYDROGRAPHS AT CP192A
2000        HC       2   18.24

2001        KK   D192A
2002        KM        DIVERT TO CP209A FROM CP192A
2003        DT  2D209A
2004        DI       0   10000
2005        DQ       0   10000

2006        KK     188
2007        KM        RUNOFFF HYDROGRAPH FROM SUB-BASIN 188
2008        BA     .19
2009        LG     .35     .33    4.11     .51     .00
2010        UI     29.    120.    179.    274.    326.    221.    152.     76.     44.     24.
2011        UI      9.      9.      0.      0.      0.      0.      0.      0.      0.      0.
2012        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2013        KK    R188
2014        KM        ROUTE FLOW FROM CP188 TO CP207A
2015        RS       3              -1
2016        RC    .025    .022    .025    5460   .0079
2017        RX    1000    1100    1200    1210    1230    1335    1355    1510
2018        RY    1240    1214    1212    1210    1210    1212    1214    1240

2019        KK    207A
2020        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 207A
2021        BA     .50
2022        LG     .35     .34    4.03     .55     .00
2023        UI     53.    124.    244.    314.    400.    593.    595.    448.    350.    270.
2024        UI    176.     93.     76.     53.     20.     16.     16.     16.      0.      0.
2025        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2026        KK  CP207A
2027        KM        ADD HYDROGRAPHS AT CP207A
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2028        HC      2    0.69

2029        KK   R207A
2030        KM        ROUTE FLOW FROM CP207A TO CP214
2031        RS      2              -1
2032        RC   .022    .022    .025    3200   .0069
2033        RX   1000    1020    1030    1045    1065    1085    1325    1490
2034        RY   1179    1176    1172    1170    1170    1172    1174    1176
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

2035        KK    214
2036        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 214
2037        BA    .16
2038        LG    .35     .35    4.16     .38     .00
2039        UI    22.     81.    127.    176.    267.    201.    146.    100.     47.     31.
2040        UI    18.      7.      7.      7.      0.      0.      0.      0.      0.      0.
2041        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2042        KK   CP214
2043        KM        ADD HYDROGRAPHS AT CP214
2044        HC      2    0.85

2045        KK    R214
2046        KM        ROUTE FLOW FROM CP214 TO CP215
2047        RS      1              -1
2048        RC   .022    .022    .025    2250   .0049
2049        RX   1000    1010    1030    1045    1070    1150    1190    1310
2050        RY   1061    1060    1058    1056    1056    1058    1060    1062

2051        KK    215A
2052        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 215A
2053        BA    .45
2054        LG    .35     .33    3.94     .34     .00
2055        UI    47.    103.    209.    271.    341.    487.    551.    410.    325.    252.
2056        UI   178.     95.     77.     47.     29.     14.     14.     14.     14.      0.
2057        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2058        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2059        KK   R215A
2060        KM        ROUTE FLOW FROM CP215A TO CP215
2061        RS      2              -1
2062        RC   .025     .02    .025    2800   .0046
2063        RX   1000    1190    1425    1435    1455    1478    1479    1480
2064        RY   1158    1156    1154    1152    1152    1159    1159    1159

2065        KK    215
2066        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 215
2067        BA    .35
2068        LG    .35     .34    3.71     .31     .00
2069        UI    39.     95.    181.    233.    303.    457.    398.    306.    235.    177.
2070        UI    98.     65.     45.     29.     12.     12.     12.     12.      0.      0.
2071        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2072        KK   1I215
2073        KM        ADD HYDROGRAPHS AT CP215
2074        HC      2      .8

2075        KK   CP215
2076        KM        ADD HYDROGRAPHS AT CP215
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2077          HC      2    1.65
1                                   HEC-1 INPUT                                                    PAGE 48

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


2078          KK    R215
2079          KM        ROUTE FLOW FROM CP215 TO CP233
2080          RS      3              -1
2081          RC    .02     .02    .025    5280   .0032
2082          RX   1000    1010    1020    1030    1050    1070    1190    1540
2083          RY   1043    1042    1040    1038    1038    1040    1042    1044

2084          KK     233
2085          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 233
2086          BA    .50
2087          LG    .35     .35    4.22     .39     .00
2088          UI    49.     94.    206.    267.    331.    430.    604.    483.    386.    306.
2089          UI   242.    163.     86.     76.     49.     31.     15.     15.     15.     15.
2090          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2091          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2092          KK   CP233
2093          KM        ADD HYDROGRAPHS AT CP233
2094          HC      2    2.15

2095          KK    R233
2096          KM        ROUTE FLOW FROM CP233 TO CP234
2097          RS      2              -1
2098          RC   .075    .035    .035    2640   .0057
2099          RX   1000    1200    1540    1930    1965    1980    2009    2010
2100          RY   1031    1030    1028    1026    1026    1028    1029    1029

2101          KK     216
2102          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 216
2103          BA    .51
2104          LG    .46     .09    4.21     .40     .00
2105          UI    26.     26.     27.     88.    108.    128.    145.    160.    180.    203.
2106          UI   240.    304.    342.    285.    246.    220.    198.    172.    154.    134.
2107          UI   117.     89.     63.     47.     44.     43.     27.     26.     26.      9.
2108          UI     8.      8.      8.      8.      8.      8.      8.      8.      0.      0.
2109          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2110          KK    R216
2111          KM        ROUTE FLOW FROM CP216 TO CP234
2112          RS      4              -1
2113          RC    .02     .02     .04    5280   .0044
2114          RX   1000    1015    1020    1035    1070    1080    1140    1400
2115          RY   1031    1030    1028    1026    1026    1028    1030    1032

2116          KK     234
2117          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 234
2118          BA    .53
2119          LG    .50     .00    4.25     .40     .00
2120          UI    22.     22.     22.     35.     74.     87.    103.    113.    124.    134.
2121          UI   148.    164.    179.    214.    259.    289.    250.    219.    197.    181.
2122          UI   167.    149.    136.    122.    110.    100.     82.     63.     43.     39.
2123          UI    37.     36.     30.     22.     22.     22.     11.      7.      7.      7.
2124          UI     7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
2125          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                   HEC-1 INPUT                                                    PAGE 49
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

2126          KK   1I234
2127          KM        ADD HYDROGRAPHS AT CP234
2128          HC       2    1.04

2129          KK   CP234
2130          KM        ADD HYDROGRAPHS AT CP234
2131          HC       2    3.19

2132          KK    D234
2133          KM        DIVERT FROM CP234 TO CP248
2134          DT   1D248
2135          DI       0     290     677    3521   13393
2136          DQ       0       0     174    1824   10224

2137          KK    R234
2138          KM        ROUTE REMAINDER FROM CP234 TO CP235
2139          RS       3              -1
2140          RC     .06    .025    .025    2640   .0023
2141          RX    1000    1460    1900    1915    1930    1958    1959    1960
2142          RY    1018    1016    1016    1014    1014    1015    1015    1015

2143          KK     207
2144          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 207
2145          BA    1.00
2146          LG     .50     .00    3.99     .39     .00
2147          UI     39.     39.     39.     39.    125.    143.    169.    187.    209.    222.
2148          UI    241.    263.    291.    316.    374.    445.    510.    454.    399.    358.
2149          UI    329.    306.    280.    252.    231.    210.    191.    174.    145.    111.
2150          UI     83.     68.     66.     63.     63.     40.     39.     39.     39.     14.
2151          UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
2152          UI     12.     12.      0.      0.      0.      0.      0.      0.      0.      0.
2153          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2154          KK    D207
2155          KM        DIVERT FROM CP207 TO CP208
2156          DT   2D208
2157          DI       0    1709   12182
2158          DQ       0    1314    6607

2159          KK    R207
2160          KM        ROUTE REMAINDER FROM CP207 TO CP217
2161          RS       8              -1
2162          RC    .035    .035    .075    5280   .0057
2163          RX    1000    1001    1002    1015    1060    1490    1740    2250
2164          RY    1151    1151    1151    1150    1150    1152    1154    1156

2165          KK     217
2166          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 217
2167          BA     .49
2168          LG     .50     .00    4.19     .38     .00
2169          UI     22.     22.     22.     54.     81.     98.    112.    124.    135.    150.
2170          UI    167.    188.    233.    278.    278.    235.    207.    188.    172.    152.
2171          UI    137.    122.    109.     95.     73.     54.     40.     38.     37.     31.
2172          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

2173          UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
```

```
2174        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2175        KK   CP217
2176        KM       ADD HYDROGRAPHS AT CP217
2177        HC       2    1.49

2178        KK    D217
2179        KM       DIVERT FROM CP217 TO CP218
2180        DT   DI218
2181        DI       0      90     884    6576   28127
2182        DQ       0      51     163    1840   10674

2183        KK    R217
2184        KM       ROUTE REMAINDER FROM CP217 TO CP235
2185        RS       7              -1
2186        RC     .02     .03    .075    5280   .0036
2187        RX    1000    1020    1035    1040    1050    1300    1640    1790
2188        RY    1015    1014    1015    1014    1014    1016    1018    1019

2189        KK     235
2190        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 235
2191        BA     .47
2192        LG     .50     .00    4.27     .40     .00
2193        UI     19.     19.     19.     28.     63.     74.     89.     98.    106.    115.
2194        UI    126.    140.    152.    178.    216.    251.    228.    198.    177.    162.
2195        UI    150.    135.    122.    112.     99.     91.     79.     62.     49.     34.
2196        UI     33.     31.     31.     21.     19.     19.     19.      6.      6.      6.
2197        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
2198        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2199        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2200        KK   1I235
2201        KM       ADD HYDROGRAPHS AT CP235
2202        HC       2    1.96

2203        KK   CP235
2204        KM       ADD HYDROGRAPHS AT CP235
2205        HC       2    5.05

2206        KK    D235
2207        KM       DIVERT FROM CP235 TO CP248
2208        DT   2D248
2209        DI       0     158     313    4490    9737
2210        DQ       0       0     155    2380    5077

2211        KK    R235
2212        KM       ROUTE REMAINDER FROM CP235 TO CP236
2213        RS       5              -1
2214        RC     .04     .02     .02    5280   .0051
2215        RX    1000    1640    1660    1675    1685    1778    1779    1780
2216        RY    1097    1094    1095    1094    1094    1095    1095    1095
```



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

2217        KK    D191
2218        KM        RETURN DIVERTED HYDROGRAPH AT CP191
2219        DR   1D208

2220        KK    R191
2221        KM       ROUTE FLOW FROM CP191 TO CP208
```

```
2222        RS      5              -1       0
2223        RC    .022    .022    .050    5280    .0040
2224        RX    1000    1001    1002    1045    1110    1130    1160    1890
2225        RY    1143    1143    1143    1142    1142    1143  1141.5    1150

2226        KK     208
2227        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 208
2228        BA    1.00
2229        LG     .50     .00    4.18     .42     .00
2230        UI     40.     40.     40.     57.    133.    156.    188.    206.    224.    243.
2231        UI    265.    294.    320.    371.    453.    523.    489.    424.    379.    346.
2232        UI    321.    290.    262.    239.    215.    195.    172.    137.    110.     72.
2233        UI     72.     67.     67.     50.     40.     40.     40.     17.     12.     12.
2234        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.      0.
2235        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2236        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2237        KK   1I208
2238        KM         ADD HYDROGRAPHS AT CP208
2239        HC       2    8.32

2240        KK    D207
2241        KM         RETURN DIVERT AT CP207
2242        DR   2D208

2243        KK    R207
2244        KM         ROUTE FLOW FROM CP207 TO CP208
2245        RS       8              -1
2246        RC    .075    .035    .035    5280    .0059
2247        RX    1000    1001    1350    2000    2020    2038    2039    2040
2248        RY    1056    1056    1054    1052    1052    1053    1053    1053

2249        KK   CP208
2250        KM         ADD HYDROGRAPHS AT CP208
2251        HC       2    9.32

2252        KK    D208
2253        KM         DIVERT FROM CP208 TO CP219
2254        DT   1D219
2255        DI       0     599    5129    9299
2256        DQ       0     406    1039    1295

2257        KK    D208
2258        KM         DIVERT FROM CP208 TO CP209A
2259        DT  DI209A
2260        DI       0     193    4090    8004
2261        DQ       0     193    4066    7610
```



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

2262        KK    R208
2263        KM         ROUTE REMAINDER FROM CP208 TO CP218
2264        RS      13              -1
2265        RC    .025    .025    .035    5280    .0047
2266        RX    1000    1001    1002    1010    1040    1055    1100    2010
2267        RY    1123    1123    1123    1122    1122    1125    1124    1130

2268        KK     218
2269        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 218
2270        BA    1.00
```

```
2271        LG    .50     .00    4.20     .39     .00
2272        UI    39.     39.     39.     41.    128.    145.    172.    191.    212.    225.
2273        UI   246.    269.    295.    325.    385.    463.    514.    447.    393.    356.
2274        UI   327.    304.    275.    249.    229.    206.    188.    168.    136.    112.
2275        UI    71.     69.     65.     64.     57.     39.     39.     39.     31.     12.
2276        UI    12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
2277        UI    12.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2278        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2279        KK   1I218
2280        KM        ADD HYDROGRAPHS AT CP218
2281        HC       2   10.32

2282        KK    D217
2283        KM        RETURN DIVERT AT CP217
2284        DR   DI218

2285        KK    R217
2286        KM        ROUTE FLOW FROM CP217 TO CP218
2287        RS      10              -1
2288        RC    .075    .035    .035    5280   .0047
2289        RX    1000    1190    1650    1980    2030    2048    2049    2050
2290        RY    1123    1122    1120    1118    1118    1119    1119    1119

2291        KK   CP218
2292        KM        ADD HYDROGRAPHS AT CP218
2293        HC       2   10.81

2294        KK    D218
2295        KM        DIVERT FROM CP218 TO CP237
2296        DT   DI237
2297        DI       0      68    1086   10670
2298        DQ       0      68     664    2533

2299        KK    D218
2300        KM        DIVERT FROM CP218 TO CP219
2301        DT   2D219
2302        DI       0       0     422    8137
2303        DQ       0       0      99    2461
```



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


2304        KK    R218
2305        KM        ROUTE REMAINDER FROM CP218 TO CP236
2306        RS       5              -1
2307        RC     .02     .02    .075    5280   .0040
2308        RX    1000    1001    1002    1020    1090    1100    1210    1720
2309        RY    1097    1097    1097    1096    1096    1099    1098    1102

2310        KK     236
2311        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 236
2312        BA    1.00
2313        LG     .50     .00    3.88     .45     .00
2314        UI     38.     38.     38.     38.    113.    137.    160.    180.    199.    214.
2315        UI    229.    251.    276.    297.    343.    419.    470.    474.    411.    366.
2316        UI    334.    310.    288.    261.    236.    220.    196.    181.    161.    132.
2317        UI    108.     70.     67.     64.     62.     60.     38.     38.     38.     38.
2318        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
2319        UI     12.     12.     12.      0.      0.      0.      0.      0.      0.      0.
2320        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
2321        KK   1I236
2322        KM        ADD HYDROGRAPHS AT CP236
2323        HC       2   11.81

2324        KK   CP236
2325        KM        ADD HYDROGRAPHS AT CP236
2326        HC       2   15.37

2327        KK    D236
2328        KM        DIVERT FROM CP236 TO CP249
2329        DT   DI249
2330        DI       0     236     411    6597   30351
2331        DQ       0       0      38    2223    8777

2332        KK    D236
2333        KM        DIVERT FROM CP236 TO CP250
2334        DT   1D250
2335        DI       0     236     373    4374   21574
2336        DQ       0       0     124    2251    8636

2337        KK    R236
2338        KM        ROUTE REMAINDER FROM CP236 TO CP237
2339        RS       2              -1
2340        RC     .02     .02     .02    2640   .0038
2341        RX    1000    1070    1100    1120    1150    1178    1179    1180
2342        RY    1079    1075    1082    1076    1076    1077    1077    1077

2343        KK   D192A
2344        KM        RETURN DIVERTED FLOW AT CP192A
2345        DR  2D209A
```



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


2346        KK   R192A
2347        KM        ROUTE FLOW FROM CP192A TO CP209A
2348        RS       2              -1       0
2349        RC     .02     .02     .02    5284    .002
2350        RX    1000    1002    1004    1018    1088    1102    1104    1106
2351        RY       9       8       7       0       0       7       8       9

2352        KK    209A
2353        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 209A
2354        BA     .50
2355        LG     .50     .00    4.27     .41     .00
2356        UI     22.     22.     22.     42.     75.     89.    103.    115.    124.    137.
2357        UI    152.    166.    191.    238.    275.    260.    224.    199.    181.    167.
2358        UI    149.    134.    121.    108.     99.     80.     62.     40.     38.     36.
2359        UI     35.     26.     22.     22.     20.      7.      7.      7.      7.      7.
2360        UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
2361        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2362        KK  1I209A
2363        KM        ADD HYDROGRAPHS AT CP209A
2364        HC       2   18.74

2365        KK    D208
2366        KM        RETURN DIVERT AT CP208
2367        DR  DI209A
```

```
2368        KK    R208
2369        KM        ROUTE FLOW FROM CP208 TO CP209A
2370        RS       2              -1
2371        RC     .75      .03      .03     2640    .0045
2372        RX    1000     1490     1890     1950     1970     1998     1999     2000
2373        RY    1130     1128     1126     1124     1124     1125     1125     1125

2374        KK  CP209A
2375        KM        ADD HYDROGRAPHS AT CP209A
2376        HC       2   20.74

2377        KK   R209A
2378        KM        ROUTE FLOW FROM CP209A TO CP219
2379        RS       1              -1        0
2380        RC     .02      .02      .02     5270     .002
2381        RX    1000     1002     1004     1018     1098     1112     1114     1116
2382        RY       9        8        7        0        0        7        8        9

2383        KK    D208
2384        KM        RETURN DIVERT AT CP208
2385        DR   1D219

2386        KK    R208
2387        KM        ROUTE FLOW FROM CP208 TO CP219
2388        RS      22              -1
2389        RC    .075     .075     .075     6070    .0059
2390        RX    1000     1001     1002     1270     2570     2698     2699     2700
2391        RY    1115     1115     1115     1114     1114     1115     1115     1115
```



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


2392        KK     219
2393        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 219
2394        BA     .50
2395        LG     .50      .00     4.21      .40      .00
2396        UI     22.      22.      22.      45.      77.      92.     105.     119.     128.     140.
2397        UI    158.     173.     202.     247.     289.     253.     220.     196.     180.     164.
2398        UI    146.     132.     119.     106.      93.      72.      55.      39.      38.      36.
2399        UI     33.      22.      22.      22.      12.       7.       7.       7.       7.       7.
2400        UI      7.       7.       7.       7.       7.       0.       0.       0.       0.       0.
2401        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

2402        KK   1I219
2403        KM        ADD HYDROGRAPHS AT CP219
2404        HC       2    9.82

2405        KK   2I219
2406        KM        ADD HYDROGRAPHS AT CP219
2407        HC       2   21.24

2408        KK    D218
2409        KM        RETURN DIVERT AT CP218
2410        DR   2D219

2411        KK    R218
2412        KM        ROUTE FLOW FROM CP218 TO CP219
2413        RS      12              -1
2414        RC    .075      .04      .04     2640    .0045
2415        RX    1000     1110     1290     1600     2050     2108     2109     2110
2416        RY    1101     1100     1098     1096     1096     1097     1097     1097
```

```
2417        KK   CP219
2418        KM        ADD HYDROGRAPHS AT CP219
2419        HC       2   22.73

2420        KK    R219
2421        KM        ROUTE FLOW FROM CP219 TO CP237
2422        RS       1              -1
2423        RC     .02      .02      .02     5278     .002
2424        RX    1000     1002     1004     1018     1108     1122     1124     1126
2425        RY       9        8        7        0        0        7        8        9

2426        KK    D218
2427        KM        RETURN DIVERT AT CP218
2428        DR   DI237

2429        KK    R218
2430        KM        ROUTE FLOW FROM CP218 TO CP237
2431        RS      14              -1
2432        RC    .035     .035     .075     6700    .0046
2433        RX    1000     1001     1002     1020     1300     1820     2099     2100
2434        RY    1087     1087     1087     1086     1086     1088     1089     1089
```



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


2435        KK     237
2436        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 237
2437        BA     .50
2438        LG     .50      .00     3.61      .46      .00
2439        UI     20.      20.      20.      23.      65.      74.      88.      98.     108.     115.
2440        UI    126.     139.     151.     169.     204.     241.     255.     219.     195.     176.
2441        UI    162.     150.     135.     123.     113.     100.      93.      80.      62.      49.
2442        UI     35.      35.      32.      32.      23.      20.      20.      20.       9.       6.
2443        UI      6.       6.       6.       6.       6.       6.       6.       6.       6.       6.
2444        UI      6.       0.       0.       0.       0.       0.       0.       0.       0.       0.
2445        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

2446        KK   1I237
2447        KM        ADD HYDROGRAPHS AT CP237
2448        HC       2   11.31

2449        KK   2I237
2450        KM        ADD HYDROGRAPHS AT CP237
2451        HC       2   23.23

2452        KK   CP237
2453        KM        ADD HYDROGRAPHS AT CP237
2454        HC       2   27.79

2455        KK    R237
2456        KM        ROUTE FLOW FROM CP237 TO CP250
2457        RS       1              -1
2458        RC     .02      .02      .02     5315     .002
2459        RX    1000     1002     1004     1018     1108     1122     1124     1126
2460        RY       9        8        7        0        0        7        8        9

2461        KK    D236
2462        KM        RETURN DIVERT AT CP236
2463        DR   1D250
```

```
2464        KK   R236
2465        KM       ROUTE FLOW FROM CP236 TO CP250
2466        RS     39              -1
2467        RC   .075    .075    .075    7540   .0047
2468        RX   1000    1001    1002    1140    2330    2718    2719    2720
2469        RY   1071    1071    1071    1070    1070    1071    1071    1071

2470        KK    250
2471        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 250
2472        BA    .49
2473        LG    .50     .00    3.73     .47     .00
2474        UI    21.     21.     21.     40.     72.     86.    100.    112.    121.    132.
2475        UI   147.    161.    183.    230.    263.    258.    221.    196.    178.    165.
2476        UI   147.    132.    121.    107.     98.     82.     60.     43.     37.     35.
2477        UI    35.     28.     21.     21.     21.      8.      6.      6.      6.      6.
2478        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
2479        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


2480        KK   1I250
2481        KM       ADD HYDROGRAPHS AT CP250
2482        HC      2   15.96

2483        KK   2I250
2484        KM       ADD HYDROGRAPHS AT CP250
2485        HC      2   28.38

2486        KK    247
2487        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 247
2488        BA    .50
2489        LG    .50     .00    4.21     .40     .00
2490        UI    21.     21.     21.     38.     72.     85.    100.    111.    121.    131.
2491        UI   145.    161.    180.    219.    261.    269.    229.    203.    183.    169.
2492        UI   153.    137.    125.    111.    101.     88.     68.     52.     37.     37.
2493        UI    35.     34.     21.     21.     21.     15.      6.      6.      6.      6.
2494        UI     6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
2495        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2496        KK   D247
2497        KM       DIVERT FROM CP247 TO CP261
2498        DT   DI261
2499        DI      0    3183    4006    8756   30610
2500        DQ      0       0       0     293    4086

2501        KK   R247
2502        KM       ROUTE REMAINDER FROM CP247 TO CP248
2503        RS      6              -1
2504        RC   .075     .03     .03    5280   .0049
2505        RX   1000    1370    1800    1950    2080    2108    2109    2110
2506        RY   1100    1098    1096    1094    1094    1095    1095    1095

2507        KK    248
2508        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 248
2509        BA   1.00
2510        LG    .50     .00    4.22     .40     .00
2511        UI    37.     37.     37.     37.    108.    134.    156.    177.    194.    210.
2512        UI   225.    245.    269.    290.    328.    399.    454.    482.    417.    371.
2513        UI   338.    312.    291.    264.    241.    221.    201.    184.    169.    142.
2514        UI   107.     84.     66.     65.     61.     61.     45.     37.     37.     37.
```

```
2515        UI    24.    11.    11.    11.    11.    11.    11.    11.    11.    11.
2516        UI    11.    11.    11.    11.     0.     0.     0.     0.     0.     0.
2517        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2518        KK    D234
2519        KM        RETURN DIVERT AT CP234
2520        DR   1D248

2521        KK    R234
2522        KM        ROUTE FLOW FROM CP234 TO CP248
2523        RS       5              -1
2524        RC     .02     .02     .04    6550   .0050
2525        RX    1000    1001    1002    1040    1090    1100    1130    2000
2526        RY    1101    1101    1101    1100    1100    1101    1100    1102
```



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


2527        KK   1I248
2528        KM        ADD HYDROGRAPHS AT CP248
2529        HC       2    4.19

2530        KK   2I248
2531        KM        ADD HYDROGRAPHS AT CP248
2532        HC       2    4.69

2533        KK    D235
2534        KM        RETURN DIVERT AT CP235
2535        DR   2D248

2536        KK    R235
2537        KM        ROUTE FLOW FROM CP235 TO CP248
2538        RS       4              -1
2539        RC     .02     .02     .04    5280   .0051
2540        RX    1000    1001    1002    1040    1090    1100    1130    2000
2541        RY    1101    1101    1101    1100    1100    1101    1100    1102

2542        KK   CP248
2543        KM        ADD HYDROGRAPHS AT CP248
2544        HC       2    6.65

2545        KK    D248
2546        KM        DIVERT FROM CP248 TO CP262
2547        DT   DI262
2548        DI       0     691    6380   18685
2549        DQ       0     683    5565   15348

2550        KK    R248
2551        KM        ROUTE REMAINDER FROM CP248 TO CP249
2552        RS      10              -1
2553        RC    .075    .035    .035    5280   .0036
2554        RX    1000    1290    1690    1970    2000    2028    2029    2030
2555        RY    1085    1084    1082    1080    1080    1081    1081    1081

2556        KK     249
2557        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 249
2558        BA    1.00
2559        LG     .50     .00    3.98     .48     .00
2560        UI     37.     37.     37.     37.    112.    136.    159.    179.    197.    213.
2561        UI    228.    249.    274.    294.    338.    415.    461.    478.    412.    368.
2562        UI    335.    310.    290.    261.    238.    220.    198.    181.    163.    135.
```

```
2563        UI    108.     75.     66.     64.     62.     62.     39.     37.     37.     37.
2564        UI     17.     11.     11.     11.     11.     11.     11.     11.     11.     11.
2565        UI     11.     11.     11.      0.      0.      0.      0.      0.      0.      0.
2566        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2567        KK   1I249
2568        KM        ADD HYDROGRAPHS AT CP249
2569        HC       2    7.65
```



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


2570        KK    D236
2571        KM        RETURN DIVERT AT CP236
2572        DR   DI249

2573        KK    R236
2574        KM        ROUTE FLOW FROM CP236 TO CP249
2575        RS       6              -1
2576        RC     .02     .02    .075    5280   .0036
2577        RX    1000    1001    1002    1040    1100    1110    1280    1520
2578        RY    1073    1073    1073    1072    1072    1074    1076    1078

2579        KK   CP249
2580        KM        ADD HYDROGRAPHS AT CP249
2581        HC       2   17.97

2582        KK    D249
2583        KM        DIVERT FROM CP249 TO CP264
2584        DT   DI264
2585        DI       0      72     654    2109    5685
2586        DQ       0       0      66     481    1754

2587        KK    R249
2588        KM        ROUTE REMAINDER FROM CP249 TO CP250
2589        RS       6              -1
2590        RC     .05     .03     .03    5280   .0040
2591        RX    1000    1580    1660    1670    1705    1728    1729    1730
2592        RY    1100    1058    1059    1058    1058    1059    1059    1100

2593        KK   CP250
2594        KM        ADD HYDROGRAPHS AT CP250
2595        HC       2   30.88

2596        KK    D250
2597        KM        DIVERT TEMPORARILY TO CP265 FROM CP250
2598        DT   DI265
2599        DI       0   10000
2600        DQ       0   10000

2601        KK    NONE
2602        KM        ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
2603        KM        OF SRTEAM NETWORK WHICH IS LIMITED TO 9 BRANCHES
2604        HC       2

2605        KK     232
2606        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 232
2607        BA     .32
2608        LG     .35     .33    4.08     .36     .00
2609        UI     42.    132.    220.    293.    454.    436.    317.    232.    152.     72.
2610        UI     52.     30.     13.     13.     13.      0.      0.      0.      0.      0.
```

```
2611        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


2612        KK    R232
2613        KM        ROUTE FLOW FROM CP232 TO CP246
2614        RS       6              -1
2615        RC    .022    .022    .025    7800   .0033
2616        RX    1000    1030    1080    1105    1120    1135    1300    1400
2617        RY    1047    1046    1047    1044    1044    1046    1048    1050

2618        KK     246
2619        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 246
2620        BA     .75
2621        LG     .35     .35    4.22     .39     .00
2622        UI     63.     88.    236.    316.    378.    458.    595.    794.    648.    529.
2623        UI    436.    355.    284.    182.    111.    103.     63.     55.     19.     19.
2624        UI     19.     19.     19.      0.      0.      0.      0.      0.      0.      0.
2625        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2626        KK   CP246
2627        KM        ADD HYDROGRAPHS AT CP246
2628        HC       2    1.07

2629        KK    R246
2630        KM        ROUTE FLOW FROM CP246 TO CP260
2631        RS       3              -1
2632        RC    .022    .022    .025    5280   .0053
2633        RX    1000    1001    1002    1025    1060    1120    1300    1480
2634        RY    1113    1113    1113    1112    1112    1114    1116    1118

2635        KK     260
2636        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 260
2637        BA     .50
2638        LG     .30     .33    4.13     .49    4.00
2639        UI     57.    146.    273.    352.    467.    689.    552.    426.    323.    230.
2640        UI    119.     90.     57.     27.     17.     17.     17.      0.      0.      0.
2641        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2642        KK   CP260
2643        KM        ADD HYDROGRAPHS AT CP260
2644        HC       2    1.57

2645        KK    R260
2646        KM        ROUTE FLOW FROM CP260 TO CP273
2647        RS       4              -1
2648        RC    .022    .022    .025    6100   .0072
2649        RX    1000    1001    1002    1030    1090    1130    1210    1450
2650        RY    1093    1093    1093    1092    1092    1093    1092    1096

2651        KK     273
2652        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 273
2653        BA     .65
2654        LG     .33     .34    4.25     .40    2.00
2655        UI     66.    137.    288.    373.    466.    643.    800.    605.    484.    378.
2656        UI    289.    156.    112.     80.     60.     20.     20.     20.     20.      0.
2657        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2658        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                                    PAGE 61
```

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

2659        KK   CP273
2660        KM        ADD HYDROGRAPHS AT CP273
2661        HC       2    2.22

2662        KK    R273
2663        KM        ROUTE FLOW FROM CP273 TO CP274
2664        RS       2              -1
2665        RC     .07    .025    .025    1900   .0074
2666        RX    1000    1130    1300    1580    1630    1658    1659    1660
2667        RY    1055    1054    1052    1050    1050    1057    1057    1057

2668        KK     261
2669        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 261
2670        BA     .41
2671        LG     .50     .00    3.87     .40     .00
2672        UI     17.     17.     17.     24.     55.     65.     78.     85.     93.    101.
2673        UI    110.    122.    133.    155.    188.    218.    199.    173.    155.    142.
2674        UI    131.    118.    107.     98.     87.     80.     69.     54.     43.     30.
2675        UI     29.     27.     27.     19.     17.     17.     17.      5.      5.      5.
2676        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      0.
2677        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2678        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2679        KK    D247
2680        KM        RETURN DIVERT AT CP247
2681        DR   DI261

2682        KK    R247
2683        KM        ROUTE FLOW FROM CP247 TO CP261
2684        RS       6              -1
2685        RC     .03     .03    .075            .0051
2686        RX    1000    1001    1002    1020    1090    1220    1460    1760
2687        RY    1101    1101    1101    1100    1100    1102    1104    1106

2688        KK   CP261
2689        KM        ADD HYDROGRAPHS AT CP261
2690        HC       2    1.01

2691        KK    D261
2692        KM        DIVERT FROM CP261 TO CP277
2693        DT   DI277
2694        DI       0       7     271    3982
2695        DQ       0       0     101    2114

2696        KK    R261
2697        KM        ROUTE REMAINDER FROM CP261 TO CP274
2698        RS       9              -1
2699        RC    .030    .030    .075    6200   .0065
2700        RX    1000    1001    1002    1015    1035    1370    1650    1970
2701        RY    1071    1071    1071    1070    1070    1072    1074    1076
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

2702        KK     274
2703        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 274
2704        BA     .66
2705        LG     .50     .00    4.29     .50     .00
```

```
2706    UI    21.    21.    21.    21.    30.    70.    78.    89.   100.   108.
2707    UI   116.   123.   131.   142.   154.   164.   180.   208.   244.   275.
2708    UI   268.   235.   213.   196.   182.   171.   160.   147.   136.   126.
2709    UI   117.   107.   100.    89.    76.    61.    47.    37.    37.    35.
2710    UI    35.    35.    22.    21.    21.    21.    20.     6.     6.     6.
2711    UI     6.     6.     6.     6.     6.     6.     6.     6.     6.     6.
2712    UI     6.     6.     0.     0.     0.     0.     0.     0.     0.     0.
2713    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2714    KK   1I274
2715    KM        ADD HYDROGRAPHS AT CP274
2716    HC      2    1.67

2717    KK   CP274
2718    KM        ADD HYDROGRAPHS AT CP274
2719    HC      2    3.89

2720    KK    R274
2721    KM        ROUTE FLOW FROM CP274 TO CP275
2722    RS      2              -1
2723    RC   .075    .035    .035    1350   .0058
2724    RX   1000    1001    1120    1300    1610    1698    1699    1700
2725    RY   1045    1045    1044    1042    1042    1061    1061    1061

2726    KK     275
2727    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 275
2728    BA    .11
2729    LG    .50     .00    3.84     .40     .00
2730    UI    10.     19.     43.     57.     69.     89.    128.    109.     86.     69.
2731    UI    55.     40.     22.     17.     12.      9.      3.      3.      3.      3.
2732    UI     3.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2733    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2734    KK   CP275
2735    KM        ADD HYDROGRAPHS AT CP275
2736    HC      2     4.0

2737    KK    R275
2738    KM        ROUTE FLOW FROM CP275 TO CP276
2739    RS      1              -1
2740    RC   .075    .030    .030    1230   .0040
2741    RX   1000    1001    1120    1480    1870    1890    1909    1910
2742    RY   1043    1043    1042    1040    1040    1042    1043    1043

2743    KK     276
2744    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 276
2745    BA    .26
2746    LG    .50     .00    4.08     .45     .00
2747    UI    13.     13.     13.     36.     47.     59.     66.     73.     80.     91.
2748    UI   101.    122.    153.    160.    134.    117.    105.     96.     84.     75.
```



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

2749    UI    66.     60.     49.     36.     23.     22.     21.     19.     13.     13.
2750    UI    13.      4.      4.      4.      4.      4.      4.      4.      4.      4.
2751    UI     4.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2752    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2753    KK   CP276
2754    KM        ADD HYDROGRAPHS AT CP276
2755    HC      2    4.26
```

```
2756        KK    R276
2757        KM        ROUTE FLOW FROM CP276 TO CP277
2758        RS      4              -1
2759        RC    .075    .025    .025    2684   .0041
2760        RX    1000    1190    1420    1530    1560    1570    1590    1620
2761        RY    1037    1036    1034    1032    1032    1034    1036    1039

2762        KK    D248
2763        KM        RETURN DIVERT AT CP248
2764        DR   DI262

2765        KK    R248
2766        KM        ROUTE FLOW FROM CP248 TO CP262
2767        RS      5              -1
2768        RC     .03     .03    .075    5280   .0053
2769        RX    1000    1001    1002    1060    1150    1520    1889    1890
2770        RY    1071    1071    1071    1070    1070    1072    1074    1074

2771        KK     262
2772        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 262
2773        BA    1.03
2774        LG     .50     .00    3.68     .46     .00
2775        UI     40.     40.     40.     42.    132.    149.    177.    197.    218.    232.
2776        UI    253.    277.    304.    335.    396.    477.    529.    461.    405.    367.
2777        UI    337.    314.    283.    257.    236.    212.    193.    173.    141.    115.
2778        UI     73.     71.     67.     66.     59.     40.     40.     40.     32.     12.
2779        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
2780        UI     12.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2781        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2782        KK   CP262
2783        KM        ADD HYDROGRAPHS AT CP262
2784        HC       2    7.68

2785        KK    D262
2786        KM        DIVERT FROM CP262 TO CP278
2787        DT   1D278
2788        DI       0       8      12    1885   12547
2789        DQ       0       0       4     644    1672

2790        KK    D262
2791        KM        DIVERT FROM CP262 TO CP263
2792        DT   DI263
2793        DI       0       8       8    1241   10875
2794        DQ       0       8       8     867    5869
```



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


2795        KK    R262
2796        KM        ROUTE REMAINDER FROM CP262 TO CP277
2797        RS     13              -1
2798        RC     .04     .04    .075    6300   .0049
2799        RX    1000    1001    1002    1020    1270    1820    2189    2190
2800        RY    1047    1047    1047    1046    1046    1048    1050    1050

2801        KK    D261
2802        KM        RETURN DIVERT AT CP261
2803        DR   DI277
```

```
2804        KK    R261
2805        KM        ROUTE FLOW FROM CP261 TO CP277
2806        RS      66              -1       0
2807        RC    .075     .075    .075    8450    .0070
2808        RX    1000     1001    1002    1150    2300    2598    2599    2600
2809        RY  1067.5     1067    1067    1066    1066    1067    1067  1067.5

2810        KK     277
2811        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 277
2812        BA     .91
2813        LG     .43      .09    3.60     .42    2.00
2814        UI     40.      40.     40.     79.    137.    164.    189.    212.    229.    252.
2815        UI    280.     306.    357.    439.    511.    468.    404.    361.    328.    302.
2816        UI    269.     243.    218.    196.    174.    140.    110.     70.     70.     65.
2817        UI     65.      42.     40.     40.     31.     12.     12.     12.     12.     12.
2818        UI     12.      12.     12.     12.     12.     12.      0.      0.      0.      0.
2819        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

2820        KK   1I277
2821        KM        ADD HYDROGRAPHS AT CP277
2822        HC       2    1.92

2823        KK   2I277
2824        KM        ADD HYDROGRAPHS AT CP277
2825        HC       2     9.0

2826        KK   CP277
2827        KM        ADD HYDROGRAPHS AT CP277
2828        HC       2   12.25

2829        KK    R277
2830        KM         ROUTE REMAINDER FROM CP277 TO CP279D
2831        RS       1              -1
2832        RC    .075     .035    .035     400    .0075
2833        RX    1000     1001    1130    1520    1860    1875    1899    1900
2834        RY    1025     1025    1024    1022    1022    1024    1025    1025

2835        KK    279D
2836        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279D
2837        BA     .02
2838        LG     .50      .00    3.56     .50     .00
2839        UI      4.      14.     21.     35.     32.     22.     14.      6.      4.      1.
2840        UI      1.       1.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

2841        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

2842        KK  CP279D
2843        KM        ADD HYDROGRAPHS AT CP279D
2844        HC       2   12.27

2845        KK   R279D
2846        KM        ROUTE FLOW FROM CP279D TO CP279C
2847        RS       2              -1
2848        RC    .075     .035    .035     900    .011
2849        RX    1000     1001    1130    1520    1860    1875    1899    1900
2850        RY    1025     1025    1024    1022    1022    1024    1025    1025

2851        KK    279C
2852        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279C
```

```
2853        BA     .05
2854        LG     .50     .00    3.57     .37     .00
2855        UI      7.     24.     38.     51.     80.     64.     47.     33.     17.     11.
2856        UI      7.      2.      2.      2.      0.      0.      0.      0.      0.      0.
2857        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2858        KK  CP279C
2859        KM        ADD HYDROGRAPHS AT CP279C
2860        HC       2   12.32

2861        KK   R279C
2862        KM        ROUTE FLOW FROM CP279C TO CP279B
2863        RS       1              -1
2864        RC    .075    .035    .035     840   .0024
2865        RX    1000    1001    1130    1520    1860    1875    1899    1900
2866        RY    1025    1025    1024    1022    1022    1024    1025    1025

2867        KK    279B
2868        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279B
2869        BA     .03
2870        LG     .50     .00    3.60     .46     .00
2871        UI      4.     15.     24.     33.     50.     38.     27.     19.      9.      6.
2872        UI      3.      1.      1.      1.      0.      0.      0.      0.      0.      0.
2873        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2874        KK  CP279B
2875        KM        ADD HYDROGRAPHS AT CP279B
2876        HC       2   12.35

2877        KK   R279B
2878        KM        ROUTE FLOW FROM CP279B TO CP279A
2879        RS      12              -1
2880        RC    .075    .035    .035    1540   .0023
2881        RX    1000    1001    1130    1520    1860    1875    1899    1900
2882        RY    1025    1025    1024    1022    1022    1024    1025    1025
```



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


2883        KK    279A
2884        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279A
2885        BA     .07
2886        LG     .50     .00    3.53     .47     .00
2887        UI      7.     17.     34.     44.     55.     81.     84.     63.     49.     38.
2888        UI     26.     13.     11.      7.      3.      2.      2.      2.      0.      0.
2889        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2890        KK  CP279A
2891        KM        ADD HYDROGRAPHS AT CP279A
2892        HC       2   12.42

2893        KK   R279A
2894        KM        ROUTE FLOW FROM CP279A TO CP279
2895        RS       3              -1
2896        RC    .075    .035    .035    1515   .0023
2897        RX    1000    1001    1130    1520    1860    1875    1899    1900
2898        RY    1025    1025    1024    1022    1022    1024    1025    1025

2899        KK     279
2900        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 279
2901        BA     .05
```

```
2902        LG    .50     .00    3.96     .42     .00
2903        UI     7.     26.     40.     56.     84.     63.     45.     30.     14.      9.
2904        UI     5.      2.      2.      2.      0.      0.      0.      0.      0.      0.
2905        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2906        KK   1I279
2907        KM        ADD HYDROGRAPHS AT CP279
2908        HC       2   12.47

2909        KK    D262
2910        KM        RETURN DIVERT AT CP262
2911        DR   DI263

2912        KK    R262
2913        KM        ROUTE FLOW FROM CP262 TO CP263
2914        RS       4              -1
2915        RC    .075    .035    .035    2640   .0027
2916        RX    1000    1001    1300    1820    1860    1870    1879    1880
2917        RY    1056    1056    1054    1052    1052    1054    1055    1055

2918        KK     263
2919        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 263
2920        BA     .50
2921        LG     .50     .00    3.78     .47     .00
2922        UI     22.     22.     22.     44.     76.     91.    105.    118.    127.    139.
2923        UI    156.    170.    199.    244.    285.    256.    221.    197.    180.    165.
2924        UI    147.    133.    119.    107.     94.     74.     58.     39.     38.     36.
2925        UI     35.     22.     22.     22.     14.      7.      7.      7.      7.      7.
2926        UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
2927        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

2928        KK   CP263
2929        KM        ADD HYDROGRAPHS AT CP263
2930        HC       2    8.18

2931        KK    D263
2932        KM        DIVERT FROM CP263 TO CP278
2933        DT   2D278
2934        DI       0     922    2066   25246
2935        DQ       0     653    1253   17563

2936        KK    R263
2937        KM        ROUTE REMAINDER FROM CP263 TO CP264
2938        RS       4              -1
2939        RC    .075    .035    .035    1900   .0037
2940        RX    1000    1001    1320    1710    1990    1993    1994    1995
2941        RY    1050    1050    1048    1046    1046    1047    1047    1047

2942        KK    D249
2943        KM        RETURN DIVERT AT CP249
2944        DR   DI264

2945        KK    R249
2946        KM        ROUTE FLOW FROM CP249 TO CP264
2947        RS       9              -1
2948        RC    .075    .035    .035    5280   .0044
2949        RX    1000    1001    1002    1020    1040    1060    1130    2030
2950        RY    1057    1057    1057    1056    1056    1057    1056    1059
```

```
2951        KK    264
2952        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 264
2953        BA    .50
2954        LG    .50     .00    3.80     .52     .00
2955        UI    23.     23.     23.     58.     84.    103.    117.    130.    141.    158.
2956        UI   177.    200.    254.    296.    275.    235.    209.    190.    172.    152.
2957        UI   137.    121.    110.     92.     67.     46.     41.     38.     38.     25.
2958        UI    23.     23.     14.      7.      7.      7.      7.      7.      7.      7.
2959        UI     7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
2960        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2961        KK   1I264
2962        KM       ADD HYDROGRAPHS AT CP264
2963        HC      2   18.47

2964        KK   CP264
2965        KM       ADD HYDROGRAPHS AT CP264
2966        HC      2    20.0

2967        KK    D250
2968        KM       RETURN DIVERTED FLOW AT CP250
2969        DR   DI265
```



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


2970        KK    R250
2971        KM       ROUTE FLOW FROM CP250 TO CP265
2972        RS      1              -1
2973        RC    .02     .02     .02    5360    .002
2974        RX   1000    1002    1004    1018    1108    1122    1124    1126
2975        RY      9       8       7       0       0       7       8       9

2976        KK    265
2977        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 265
2978        BA    .22
2979        LG    .50     .00    3.83     .50     .00
2980        UI     8.      8.      8.      8.     19.     27.     31.     36.     39.     42.
2981        UI    45.     49.     53.     58.     62.     71.     87.     95.    100.     87.
2982        UI    78.     71.     66.     62.     57.     51.     48.     44.     40.     37.
2983        UI    32.     27.     22.     15.     14.     13.     13.     13.      9.      8.
2984        UI     8.      8.      6.      2.      2.      2.      2.      2.      2.      2.
2985        UI     2.      2.      2.      2.      2.      2.      0.      0.      0.      0.
2986        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2987        KK   1I265
2988        KM       ADD HYDROGRAPHS AT CP265
2989        HC      2   31.10

2990        KK   CP265
2991        KM       ADD HYDROGRAPHS OF CP264 & CP265 AT CP265
2992        HC      2   33.13

2993        KK    R265
2994        KM       ROUTE FLOW FROM CP265 TO CP278
2995        RS      1              -1
2996        RC    .02     .02      .2    5368    .002
2997        RX   1000    1002    1004    1018    1118    1132    1134    1136
2998        RY      9       8       7       0       0       7       8       9
```

```
2999        KK    D262
3000        KM        RETURN DIVERT AT CP262
3001        DR   1D278

3002        KK    R262
3003        KM        ROUTE FLOW FROM CP262 TO CP278
3004        RS      28              -1
3005        RC    .075    .075    .075   10140   .0038
3006        RX    1000    1001    1002    1030    1500    1528    1529    1530
3007        RY    1050    1039    1039    1038    1038    1039    1039    1050

3008        KK     278
3009        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 278
3010        BA    1.00
3011        LG     .42     .13    3.55     .39    2.00
3012        UI     36.     36.     36.     36.    100.    129.    150.    173.    188.    203.
3013        UI    219.    235.    260.    280.    309.    362.    433.    483.    429.    379.
3014        UI    342.    315.    294.    272.    245.    226.    208.    187.    174.    153.
3015        UI    124.    105.     66.     65.     62.     60.     60.     37.     36.     36.
3016        UI     36.     18.     11.     11.     11.     11.     11.     11.     11.     11.
```



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

3017        UI     11.     11.     11.     11.     11.      0.      0.      0.      0.      0.
3018        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3019        KK   1I278
3020        KM        ADD HYDROGRAPHS AT CP278
3021        HC       2    8.68

3022        KK    D263
3023        KM        RETURN DIVERT AT CP263
3024        DR   2D278

3025        KK    R263
3026        KM        ROUTE FLOW FROM CP263 TO CP278
3027        RS      19              -1
3028        RC     .05    .075    .075    7300   .0044
3029        RX    1000    1045    1120    1200    1580    1630    1649    1650
3030        RY    1027    1026    1027    1026    1026    1028    1029    1029

3031        KK   2I278
3032        KM        ADD HYDROGRAPHS AT CP278
3033        HC       2    9.18

3034        KK   CP278
3035        KM        ADD HYDROGRAPHS AT CP278
3036        HC       2   34.13

3037        KK    R278
3038        KM        ROUTE FLOW FROM CP278 TO CP279
3039        RS       1              -1
3040        RC     .02     .02     .02     911    .002
3041        RX    1000    1002    1004    1018    1118    1132    1134    1136
3042        RY       9       8       7       0       0       7       8       9

3043        KK   CP279
3044        KM        ADD HYDROGRAPHS AT CP279
3045        HC       2   38.92

3046        KK    R279
```

```
3047        KM        ROUTE FLOW FROM CP279 TO CP294A
3048        RS      1              -1       0
3049        RC    .02      .02     .02    1290    .002
3050        RX   1000     1002    1004    1018    1118    1132    1134    1136
3051        RY      9        8       7       0       0       7       8       9

3052        KK   294A
3053        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 294A
3054        BA    .26
3055        LG    .35      .35    3.58     .29     .00
3056        UI    36.     126.    200.    275.    425.    331.    242.    169.     83.     54.
3057        UI    33.      11.     11.     11.      0.      0.      0.      0.      0.      0.
3058        UI     0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE 70

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


3059        KK  CP294A
3060        KM        ADD HYDROGRAPHS AT CP294A
3061        HC      2   39.18

3062        KK   R294A
3063        KM        ROUTE FLOW FROM CP294A TO CP295
3064        RS      1              -1       0
3065        RC    .02      .02     .02    3066    .002
3066        RX   1000     1002    1004    1018    1118    1132    1134    1136
3067        RY      9        8       7       0       0       7       8       9

3068        KK    295
3069        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 295
3070        BA    .31
3071        LG    .35      .35    3.51     .28     .00
3072        UI    40.     124.    209.    277.    423.    429.    311.    228.    154.     75.
3073        UI    54.      33.     12.     12.     12.      0.      0.      0.      0.      0.
3074        UI     0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

3075        KK   CP295
3076        KM        ADD HYDROGRAPHS AT CP295
3077        HC      2   39.49

3078        KK    R295
3079        KM        ROUTE FLOW FROM CP295 TO CP311
3080        RS      1              -1
3081        RC    .02      .02     .02    5291    .002
3082        RX   1000     1002    1004    1018    1118    1132    1134    1136
3083        RY      9        8       7       0       0       7       8       9

3084        KK    311
3085        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 311
3086        BA    .73
3087        LG    .50      .00    3.75     .44     .00
3088        UI    27.      27.     27.     27.     77.     97.    113.    128.    140.    152.
3089        UI   163.     177.    195.    210.    236.    283.    328.    353.    307.    272.
3090        UI   247.     228.    213.    194.    177.    162.    148.    135.    125.    105.
3091        UI    81.      66.     48.     48.     44.     44.     36.     27.     27.     27.
3092        UI    22.       8.      8.      8.      8.      8.      8.      8.      8.      8.
3093        UI     8.       8.      8.      8.      0.      0.      0.      0.      0.      0.
3094        UI     0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

3095        KK   CP311
3096        KM        ADD HYDROGRAPHS AT CP311
```

```
3097        HC      2   40.22

3098        KK    R311
3099        KM        ROUTE FLOW FROM CP311 TO CP330
3100        RS      1              -1
3101        RC    .02     .02     .02    5289    .002
3102        RX   1000    1002    1004    1018    1118    1132    1134    1136
3103        RY      9       8       7       0       0       7       8       9
```



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

3104        KK     330
3105        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 330
3106        BA     .59
3107        LG     .39     .08    3.59     .43    6.00
3108        UI     33.     33.     54.    118.    148.    173.    194.    219.    251.    295.
3109        UI    381.    427.    351.    302.    269.    236.    205.    178.    157.    118.
3110        UI     83.     59.     56.     52.     33.     33.     24.     10.     10.     10.
3111        UI     10.     10.     10.     10.     10.      0.      0.      0.      0.      0.
3112        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3113        KK   1I330
3114        KM        ADD HYDROGRAPHS AT CP330
3115        HC      2   40.81

3116        KK    265A
3117        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 265A
3118        BA     .95
3119        LG     .50     .00    3.58     .47     .00
3120        UI     42.     42.     42.     87.    146.    176.    201.    227.    244.    268.
3121        UI    301.    330.    387.    474.    550.    479.    417.    372.    341.    312.
3122        UI    276.    250.    224.    200.    174.    135.    101.     74.     72.     69.
3123        UI     61.     42.     42.     42.     20.     13.     13.     13.     13.     13.
3124        UI     13.     13.     13.     13.     13.      0.      0.      0.      0.      0.
3125        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3126        KK   R265A
3127        KM        ROUTE FLOW FROM CP265A TO CP281
3128        RS     15              -1
3129        RC   .075     .05    .075    5280   .0036
3130        RX   1000    1001    1210    2060    2090    2760    2969    2970
3131        RY   1017    1017    1016    1014    1014    1016    1017    1017

3132        KK     281
3133        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 281
3134        BA     .85
3135        LG     .50     .00    3.58     .48     .00
3136        UI     32.     32.     32.     32.     96.    116.    136.    153.    168.    182.
3137        UI    194.    213.    234.    252.    289.    354.    396.    405.    350.    312.
3138        UI    285.    263.    246.    222.    201.    187.    167.    154.    138.    113.
3139        UI     92.     62.     56.     54.     52.     52.     32.     32.     32.     32.
3140        UI     12.     10.     10.     10.     10.     10.     10.     10.     10.     10.
3141        UI     10.     10.     10.      0.      0.      0.      0.      0.      0.      0.
3142        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3143        KK   CP281
3144        KM        ADD HYDROGRAPHS AT CP281
3145        HC      2    1.80

3146        KK   SR281
```

```
KM        STORAGE ROUTE THROUGH CP281
RS      1    STOR       0       0
SV      0    1.75    6.79   71.75
SQ      0       0       0    8539
SE 1007.5    1008  1008.4    1010
```



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

KK    D281
KM        DIVERT FLOW AT CP281 TO CP280
DT   DI280
DI      0    8539
DQ      0     646

KK    R281
KM        ROUTE REMAINDER FROM CP281 TO CP282
RS      5              -1
RC   .075    .075    .075    1450   .0041
RX   1000    1001    1002    1040    1720    1868    1869    1870
RY   1050    1003    1003    1002    1002    1003    1003    1050

KK     282
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 282
BA     .12
LG     .50     .00    3.58     .46     .00
UI     13.     33.     63.     81.    106.    159.    136.    104.     80.     60.
UI     32.     22.     15.      9.      4.      4.      4.      4.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK   CP282
KM        ADD HYDROGRAPHS AT CP282
HC      2    1.92

KK   SR282
KM        STORAGE ROUTE THROUGH CP282
RS      1    STOR       0       0
SV      0    .045     .51    2.64   41.53
SQ      0       1      87     121    1009
SE 996.25  997.15  1001.7  1002.0  1004.0

KK    R282
KM        ROUTE FLOW FROM CP282 TO CP296
RS     18              -1
RC   .075    .075    .075    4680   .0028
RX   1000    1001    1002    1040    1420    2020    2269    2270
RY   1095    1095    1095    1094    1094    1096    1098    1098

KK     280
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 280
BA     .61
LG     .50     .00    3.62     .46     .00
UI     22.     22.     22.     22.     55.     76.     87.    102.    111.    120.
UI    128.    138.    150.    165.    178.    206.    248.    280.    271.    237.
UI    213.    195.    181.    170.    153.    141.    130.    119.    108.    101.
UI     85.     67.     56.     39.     39.     36.     36.     33.     22.     22.
UI     22.     22.      9.      7.      7.      7.      7.      7.      7.      7.
UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

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

3196          KK    D281
3197          KM        RETURN DIVERT AT CP281
3198          DR   DI280

3199          KK    R281
3200          KM        ROUTE DIVERT AT CP281 TO CP280
3201          RS       1              -1       0
3202          RC     .07     .05     .07     380   .0039
3203          RX    1000    1001    1060    1080    1120    1170    1320    2010
3204          RY    1010    1010    1008  1007.5  1007.5    1008    1009    1010

3205          KK   CP280
3206          KM        ADD HYDROGRAPHS AT CP280
3207          HC       2    2.41

3208          KK   SR280
3209          KM        STORAGE ROUTE THROUGH CP280
3210          RS       1    STOR       0       0
3211          SV       0     .28   58.73   98.67
3212          SQ       0     106     676    3050
3213          SE    1007    1008    1010    1012

3214          KK    R280
3215          KM        ROUTE FLOW FROM CP280 TO CP280A
3216          RS      10              -1
3217          RC     .06     .06     .06    2400   .0002
3218          RX    1000    1050    1090    1120    1410    1498    1499    1500
3219          RY    1026    1020    1010    1008    1008  1008.5  1008.5    1012

3220          KK    280A
3221          KM        RUNOFF HYDROGRAPH FROM CP280A
3222          BA     .06
3223          LG     .50     .00    3.68     .48     .00
3224          UI      4.      4.      9.     15.     18.     21.     24.     28.     34.     45.
3225          UI     47.     38.     32.     28.     24.     21.     18.     13.      9.      7.
3226          UI      6.      5.      4.      3.      1.      1.      1.      1.      1.      1.
3227          UI      1.      0.      0.      0.      0.      0.      0.      0.      0.      0.
3228          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3229          KK  CP280A
3230          KM        ADD HYDROGRAPHS AT CP280A
3231          HC       2    2.47

3232          KK  SR280A
3233          KM        STORAGE ROUTE THROUGH CP280A
3234          RS       1    STOR       0       0
3235          SV       0    6.24   21.77   28.91
3236          SQ       0       0       0     726
3237          SE  1007.4  1008.0  1008.7    1009
```



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

3238          KK    R280A
3239          KM        ROUTE FLOW FROM CP280A TO CP296
3240          RS      44              -1
3241          RC    .075    .075    .075    5460   .0040
3242          RX    1000    1001    1002    1250    2250    2648    2649    2650
```

```
3243        RY    997    997    997    996    996    997    997    997

3244        KK    296
3245        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 296
3246        BA    .81
3247        LG    .49    .02   3.55    .43    .00
3248        UI    38.    38.    38.    99.   140.   172.   194.   215.   235.   263.
3249        UI   292.   340.   422.   497.   437.   376.   336.   305.   274.   243.
3250        UI   219.   192.   173.   136.   104.    67.    66.    63.    56.    38.
3251        UI    38.    38.    13.    12.    12.    12.    12.    12.    12.    12.
3252        UI    12.    12.     0.     0.     0.     0.     0.     0.     0.     0.
3253        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3254        KK   CP296
3255        KM       ADD HYDROGRAPHS AT CP296
3256        HC      3    3.40

3257        KK    R296
3258        KM       ROUTE FLOW FROM CP296 TO CP312
3259        RS     10              -1
3260        RC   .075    .03   .075   6280  .0037
3261        RX   1000   1001   1190   1620   1640   1660   1900   2620
3262        RY   1077   1077   1076   1074   1074   1075   1074   1075

3263        KK    312
3264        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 312
3265        BA    .66
3266        LG    .50    .00   3.60    .44    .00
3267        UI    28.    28.    28.    47.    93.   110.   130.   143.   157.   170.
3268        UI   187.   208.   230.   274.   335.   359.   307.   270.   244.   224.
3269        UI   206.   183.   167.   150.   135.   120.    96.    77.    49.    49.
3270        UI    45.    45.    32.    28.    28.    27.     8.     8.     8.     8.
3271        UI     8.     8.     8.     8.     8.     8.     8.     8.     0.     0.
3272        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3273        KK   CP312
3274        KM       ADD HYDROGRAPHS AT CP312
3275        HC      2    4.06

3276        KK    R312
3277        KM       ROUTE FLOW FROM CP312 TO CP331
3278        RS     27              -1
3279        RC   .075   .075   .075   6240  .0043
3280        RX   1000   1001   1002   1240   1920   2118   2119   2120
3281        RY    951    951    951    950    950    951    951    951
```



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

3282        KK    331
3283        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 331
3284        BA    .75
3285        LG    .46    .02   3.55    .46   2.00
3286        UI    33.    33.    33.    66.   114.   136.   157.   176.   190.   209.
3287        UI   233.   255.   298.   365.   427.   384.   331.   296.   270.   248.
3288        UI   220.   199.   179.   160.   142.   112.    87.    58.    57.    54.
3289        UI    53.    33.    33.    33.    22.    10.    10.    10.    10.    10.
3290        UI    10.    10.    10.    10.    10.    10.     0.     0.     0.     0.
3291        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3292        KK   1I331
```

```
3293        KM        ADD HYDROGRAPHS AT CP331
3294        HC      2    4.81

3295        KK    295A
3296        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 295A
3297        BA     .06
3298        LG     .32     .34    3.54     .30    3.00
3299        UI     25.     75.    140.    117.     66.     25.     10.      4.      0.      0.
3300        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3301        KK   R295A
3302        KM        ROUTE FLOW FROM CP295A TO CP311A
3303        RS     16              -1
3304        RC   .075    .035    .035    5280   .0049
3305        RX   1000    1001    1270    2180    2195    2210    2229    2230
3306        RY    981     981     980     978     978     980     981     981

3307        KK    311A
3308        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 311A
3309        BA     .31
3310        LG     .50     .00    4.09     .42     .00
3311        UI     16.     16.     18.     55.     67.     79.     89.     99.    112.    125.
3312        UI    151.    192.    207.    171.    148.    133.    119.    104.     92.     80.
3313        UI     69.     51.     35.     29.     27.     25.     16.     16.     14.      5.
3314        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
3315        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3316        KK  CP311A
3317        KM        ADD HYDROGRAPHS AT CP311A
3318        HC      2     .37

3319        KK   R311A
3320        KM        ROUTE FLOW FROM CP311A TO CP331
3321        RS     12              -1
3322        RC   .075    .035    .035    5280   .0051
3323        RX   1000    1001    1002    1130    1710    1720    1749    1750
3324        RY    955     955     955     954     954     956     957     957
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

3325        KK   CP331
3326        KM        ADD HYDR. AT CP331
3327        HC      2    5.18

3328        KK   CP330
3329        KM        ADD HYDR. AT CP330
3330        HC      2   45.99

3331        KK    R330
3332        KM        ROUTE FLOW FROM CP330 TO CP346A
3333        RS      1              -1
3334        RC    .02     .02     .02    5792    .002
3335        RX   1000    1002    1004    1018    1118    1132    1134    1136
3336        RY      9       8       7       0       0       7       8       9

3337        KK    346A
3338        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 346A
3339        BA     .16
3340        LG     .50     .00    3.67     .46     .00
3341        UI      7.      7.      7.     18.     27.     32.     37.     41.     45.     49.
```

```
3342    UI    55.    62.    78.    92.    90.    76.    67.    61.    56.    49.
3343    UI    44.    40.    35.    30.    23.    17.    13.    12.    12.     9.
3344    UI     7.     7.     6.     2.     2.     2.     2.     2.     2.     2.
3345    UI     2.     2.     2.     0.     0.     0.     0.     0.     0.     0.
3346    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3347    KK  CP346A
3348    KM        ADD HYDROGRAPHS AT CP346A
3349    HC      2   46.15

3350    KK   R346A
3351    KM        ROUTE FLOW FROM CP346A TO GILA RIVER
3352    RS      2              -1
3353    RC    .02     .02     .02    5850    .002
3354    RX   1000    1002    1004    1018    1118    1132    1134    1136
3355    RY      9       8       7       0       0       7       8       9

3356    KK   D346A
3357    KM          DIVERT ROUTED FLOW TEMPORARILY AT GILA RIVER
3358    DT  1D378G
3359    DI      0   20000
3360    DQ      0   20000

3361    KK    NONE
3362    KM          ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
3363    KM          OF SRTEAM NETWORK WHICH IS LIMITED TO 9 BRANCHES
3364    HC      2

3365    KK     101
3366    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 101.
3367    BA     .16
3368    LG     .35     .32    3.61     .26     .00
3369    UI     22.     76.    121.    165.    258.    205.    150.    106.     54.     34.
3370    UI     22.      7.      7.      7.      0.      0.      0.      0.      0.      0.
```



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

3371    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3372    KK    102A
3373    KM        RUNOFF HYDROGRAPH FROM SUB-SUBIN 102A
3374    BA     .51
3375    LG     .40     .20    6.05     .21     .00
3376    UI     40.     43.    142.    190.    228.    270.    327.    453.    484.    378.
3377    UI    319.    263.    218.    176.    114.     71.     66.     44.     40.     15.
3378    UI     12.     12.     12.     12.     12.      0.      0.      0.      0.      0.
3379    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3380    KK   CP101
3381    KM        ADD HYDROGRAPHS AT CP101
3382    HC      2     .67

3383    KK    R101
3384    KM        ROUTE FLOW FROM CP101 TO CP102.
3385    RS      2              -1       0
3386    RC   .025    .022    .022    2750   .0062
3387    RX   1000    1001    1030    1085    1120    1138    1139    1140
3388    RY   1319    1319    1318    1316    1316    1317    1317    1317

3389    KK     102
3390    KM        RUNOFF FROM SUB-BASIN 102
```

```
3391        BA     .10
3392        LG     .50      .00     6.05      .29      .00
3393        UI     10.      21.      44.      57.      70.      97.     122.      94.      75.      59.
3394        UI     45.      26.      17.      13.      10.       3.       3.       3.       3.       3.
3395        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
3396        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

3397        KK   CP102
3398        KM        ADD HYDROGRAPHS AT CP102.
3399        HC       2     .77

3400        KK    R102
3401        KM        ROUTE FLOW FROM CP102 TO CP108
3402        RS      36               -1       0
3403        RC    .075     .075     .075      702    .0054
3404        RX    1000     1001     1120     1700     2030     2630     3070     3270
3405        RY    1289     1289     1288     1286     1286     1288     1290     1292

3406        KK     108
3407        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 108.
3408        BA     .79
3409        LG     .44      .12     5.53      .25      .00
3410        UI     31.      31.      31.      32.     101.     115.     136.     151.     167.     178.
3411        UI    194.     213.     233.     257.     304.     366.     406.     353.     310.     281.
3412        UI    259.     240.     217.     197.     181.     163.     148.     132.     108.      88.
3413        UI     56.      54.      52.      51.      45.      31.      31.      31.      24.       9.
3414        UI      9.       9.       9.       9.       9.       9.       9.       9.       9.       9.
3415        UI      9.       0.       0.       0.       0.       0.       0.       0.       0.       0.
3416        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


3417        KK   1I108
3418        KM        ADD HYDROGRAPHS AT CP108.
3419        HC       2    1.56

3420        KK     103
3421        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 103.
3422        BA     .37
3423        LG     .46      .09     4.33      .29      .00
3424        UI     19.      19.      20.      64.      79.      93.     105.     116.     131.     148.
3425        UI    175.     222.     248.     206.     178.     159.     143.     125.     111.      97.
3426        UI     84.      64.      45.      34.      32.      32.      19.      19.      19.       6.
3427        UI      6.       6.       6.       6.       6.       6.       6.       6.       0.       0.
3428        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

3429        KK    R103
3430        KM        ROUTE FLOW FROM CP103 TO CP108.
3431        RS       4               -1       0
3432        RC     .08     .022     .035     5380    .0041
3433        RX    1000     1050     1080     1095     1130     1150     1300     1830
3434        RY    1285     1284     1282     1280     1280     1282     1284     1286

3435        KK   CP108
3436        KM        ADD HYDROGRAPHS AT CP108.
3437        HC       2    1.93

3438        KK    R108
3439        KM        ROUTE FLOW FROM CP108 TO CP115.
3440        RS       7               -1       0
```

```
3441        RC    .035    .035    .075    5382    .0037
3442        RX    1000    1001    1002    1030    1100    1370    1900    2290
3443        RY    1259    1259    1259    1258    1258    1260    1262    1264

3444        KK     105
3445        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 105
3446        BA     .21
3447        LG     .35     .27    7.68     .10     .00
3448        UI     32.     129.   195.    295.    362.    246.    171.    88.     50.     28.
3449        UI     10.     10.    10.      0.      0.      0.      0.      0.      0.      0.
3450        UI      0.      0.     0.      0.      0.      0.      0.      0.      0.      0.

3451        KK    R105
3452        KM        ROUTE FLOW FROM CP105 TO CP106
3453        RS       3              -1      0
3454        RC    .075     .03     .03    2640    .039
3455        RX    1000    1430    1860    1890    1940    1960    1969    1970
3456        RY    1292    1291    1290  1289.5  1289.5    1290  1290.5  1290.5

3457        KK     106
3458        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 106.
3459        BA     .77
3460        LG     .35     .29    6.63     .16     .00
3461        UI     68.     109.   267.    353.    425.    523.    727.    830.    634.    523.
3462        UI    422.     338.   237.    132.    114.     77.     65.     21.     21.     21.
3463        UI     21.      21.     0.      0.      0.      0.      0.      0.      0.      0.
```



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

3464        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3465        KK    CP106
3466        KM        ADD HYDROGRAPHS AT CP106.
3467        HC       2     .98

3468        KK    R106
3469        KM        ROUTE FLOW FROM CP106 TO CP107
3470        RS       3              -1      0
3471        RC    .075     .03     .03    5382    .039
3472        RX    1000    1430    1860    1890    1940    1960    1969    1970
3473        RY    1292    1291    1290  1289.5  1289.5    1290  1290.5  1290.5

3474        KK     107
3475        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 107.
3476        BA     .60
3477        LG     .46     .08    5.65     .29     .00
3478        UI     26.     26.     26.     53.     91.    109.    125.    141.    152.    167.
3479        UI    186.     203.   238.    291.    340.    308.    266.    238.    216.    199.
3480        UI    177.     160.   143.    129.    114.     90.     71.     46.     46.     43.
3481        UI     43.     27.     26.     26.     19.      8.      8.      8.      8.      8.
3482        UI      8.      8.      8.      8.      8.      8.      0.      0.      0.      0.
3483        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3484        KK    CP107
3485        KM        ADD HYDROGRAPHS AT CP107.
3486        HC       2    1.58

3487        KK    R107
3488        KM        ROUTE FLOW FROM CP107 TO CP115
3489        RS       6              -1      0
3490        RC    .035    .035    .075    6240    .0048
```

```
3491    RX    1000    1001    1002    1030    1100    1370    1900    2290
3492    RY    1259    1259    1259    1258    1258    1260    1262    1264

3493    KK     115
3494    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 115.
3495    BA    .49
3496    LG    .50     .00    7.04     .24     .00
3497    UI    22.     22.     22.     45.     76.     91.    104.    117.    126.    138.
3498    UI   155.    170.    200.    245.    284.    247.    215.    192.    176.    161.
3499    UI   142.    129.    115.    103.     90.     69.     52.     38.     37.     35.
3500    UI    31.     22.     22.     22.     10.      7.      7.      7.      7.      7.
3501    UI     7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
3502    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3503    KK   1I115
3504    KM        ADD HYDROGRAPHS AT CP115.
3505    HC      2    2.07
```



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


3506    KK   2I115
3507    KM        ADD HYDROGRAPHS AT CP115.
3508    HC      2    4.00

3509    KK     113
3510    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 113
3511    BA    .50
3512    LG    .50     .00    8.54     .11     .00
3513    UI    22.     22.     22.     49.     79.     95.    108.    122.    132.    145.
3514    UI   162.    178.    213.    261.    291.    248.    216.    195.    178.    161.
3515    UI   143.    131.    114.    105.     88.     65.     46.     39.     37.     37.
3516    UI    27.     22.     22.     20.      7.      7.      7.      7.      7.      7.
3517    UI     7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
3518    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3519    KK    R113
3520    KM        ROUTE REMAINDER FROM CP113 TO CP114
3521    RS      6              -1      0
3522    RC   .075     .04     .04    2100   .0038
3523    RX   1000    1020    1100    1850    2030    2048    2049    2050
3524    RY   1266    1264    1262    1260    1260    1261    1261    1261

3525    KK     114
3526    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 114
3527    BA    .38
3528    LG    .50     .00    8.35     .13     .00
3529    UI    17.     17.     17.     41.     62.     75.     86.     95.    104.    115.
3530    UI   129.    144.    177.    215.    216.    183.    161.    146.    133.    118.
3531    UI   106.     95.     85.     74.     58.     44.     31.     30.     28.     25.
3532    UI    17.     17.     17.      6.      5.      5.      5.      5.      5.      5.
3533    UI     5.      5.      5.      5.      0.      0.      0.      0.      0.      0.
3534    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3535    KK   CP114
3536    KM        ADD HYDROGRAPHS AT CP114.
3537    HC      2     .88

3538    KK    R114
3539    KM        ROUTE REMAINDER FROM CP114 TO CP115
3540    RS      2              -1      0
```

```
3541        RC     .06     .022     .35     2652    .0034
3542        RX    1000     1380    1790     1800     1840     1850     1899     1900
3543        RY    1258     1256    1254     1250     1250     1252     1253     1253

3544        KK   CP115
3545        KM        ADD HYDROGRAPHS AT CP115.
3546        HC       2    4.88

3547        KK    R115
3548        KM        ROUTE FLOW FROM CP115 TO CP116
3549        RS       6              -1       0
3550        RC     .06     .022     .35     6000    .0034
3551        RX    1000     1380    1790     1800     1840     1850     1899     1900
3552        RY    1258     1256    1254     1250     1250     1252     1253     1253
1                                          HEC-1 INPUT                                                    PAGE 81

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


3553        KK    100A
3554        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 100A
3555        BA     .18
3556        LG     .50      .00    4.58      .28      .00
3557        UI     15.      18.     53.      72.      85.     102.     127.     179.     163.     130.
3558        UI    109.      90.     73.      54.      31.      25.      20.      15.      9.       5.
3559        UI      5.       5.      5.       5.       0.       0.       0.       0.       0.       0.
3560        UI      0.       0.      0.       0.       0.       0.       0.       0.       0.       0.

3561        KK   R100A
3562        KM        ROUTE FLOW FROM CP100A TO CP100
3563        RS      23              -1       0
3564        RC      .1       .1      .1     6500    .0058
3565        RX    1000     1200    1350     1550     1825     1950     2200     2500
3566        RY    1280   1279.5    1279     1278     1278     1279     1280   1280.5

3567        KK     100
3568        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 100
3569        BA     .26
3570        LG     .50      .00    4.58      .28      .00
3571        UI     19.      19.     59.      83.     101.     117.     139.     172.     235.     211.
3572        UI    172.     147.    123.     104.      86.      61.      35.      32.      26.      19.
3573        UI     15.       6.      6.       6.       6.       6.       6.       0.       0.       0.
3574        UI      0.       0.      0.       0.       0.       0.       0.       0.       0.       0.

3575        KK   CP100
3576        KM        ADD HYDROGRAPHS AT CP100
3577        HC       2     .44

3578        KK    R100
3579        KM        ROUTE REMAINDER FROM CP100 TO CP109
3580        RS      23              -1       0
3581        RC      .1       .1      .1     6942    .0058
3582        RX    1000     1200    1350     1550     1825     1950     2200     2500
3583        RY    1280   1279.5    1279     1278     1278     1279     1280   1280.5

3584        KK     109
3585        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 109
3586        BA     .85
3587        LG     .50      .00    4.68      .32      .00
3588        UI     32.      32.     32.      32.      93.     114.     134.     151.     166.     180.
3589        UI    192.     210.    231.     248.     283.     345.     389.     408.     352.     315.
3590        UI    286.     264.    247.     223.     204.     188.     170.     155.     141.     119.
```

```
3591        UI    91.    68.    56.    55.    52.    52.    36.    32.    32.    32.
3592        UI    18.    10.    10.    10.    10.    10.    10.    10.    10.    10.
3593        UI    10.    10.    10.     0.     0.     0.     0.     0.     0.     0.
3594        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3595        KK  CP109
3596        KM       ADD HYDROGRAPHS AT CP109
3597        HC     2    1.29
1                                    HEC-1 INPUT                                    PAGE 82

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


3598        KK   R109
3599        KM       ROUTE FLOW FROM CP109 TO CP116
3600        RS    10              -1      0
3601        RC   .05    .05   .075   5694  .0046
3602        RX  1000   1001   1002   1060   1270   1610   1900   2000
3603        RY  1243   1243   1243   1242   1242   1244   1246   1247

3604        KK    116
3605        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 116
3606        BA   1.02
3607        LG   .50    .00   5.44    .33    .00
3608        UI   34.    34.    34.    34.    57.   111.   127.   146.   161.   175.
3609        UI  187.   200.   214.   231.   253.   268.   304.   362.   405.   447.
3610        UI  393.   351.   320.   296.   277.   262.   238.   220.   204.   188.
3611        UI  171.   160.   144.   123.    97.    76.    60.    60.    56.    55.
3612        UI   54.    34.    34.    34.    34.    25.    10.    10.    10.    10.
3613        UI   10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
3614        UI    0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
3615        UI    0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3616        KK  1I116
3617        KM       ADD HYDROGRAPHS AT CP116
3618        HC     2    2.31

3619        KK  CP116
3620        KM       ADD HYDROGRAPHS AT CP116
3621        HC     2    7.19

3622        KK   R116
3623        KM       ROUTE FLOW FROM CP116 TO CP117
3624        RS     4              -1      0
3625        RC   .05   .022   .022   4300  .0037
3626        RX  1000   1001   1002   1155   1185    1200   1240   1295
3627        RY  1220   1220   1220   1218   1218  1218.5   1218   1221

3628        KK    110
3629        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 110
3630        BA   .31
3631        LG   .46    .08   7.29    .18    .00
3632        UI   17.    17.    24.    59.    73.    87.    97.   108.   125.   142.
3633        UI  183.   219.   192.   162.   143.   129.   111.    98.    85.    72.
3634        UI   53.    35.    30.    28.    23.    17.    17.     9.     5.     5.
3635        UI    5.     5.     5.     5.     5.     5.     0.     0.     0.     0.
3636        UI    0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

3637        KK   R110
3638        KM       ROUTE FLOW FROM CP110 TO CP117
3639        RS    10              -1      0
3640        RC   .05    .05   .075   4212  .0050
```

```
3641        RX    1000    1001    1002    1015    1240    1740    2320    2670
3642        RY    1223    1223    1223    1222    1222    1224    1226    1228
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

3643        KK     117
3644        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 117
3645        BA     .41
3646        LG     .35     .09    4.12     .37    8.00
3647        UI     23.     23.     38.     83.    104.    121.    136.    154.    176.    209.
3648        UI    271.    296.    242.    209.    186.    162.    142.    122.    107.     80.
3649        UI     55.     41.     39.     34.     23.     23.     14.      7.      7.      7.
3650        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
3651        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3652        KK   1I117
3653        KM         ADD HYDROGRAPHS AT CP117
3654        HC       2     .72

3655        KK   2I117
3656        KM         ADD HYDROGRAPHS AT CP117
3657        HC       2    7.91

3658        KK    117A
3659        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 117A
3660        BA     .21
3661        LG     .50     .00    6.96     .25     .00
3662        UI     12.     12.     19.     42.     53.     62.     70.     78.     90.    107.
3663        UI    138.    152.    124.    107.     95.     83.     73.     63.     55.     41.
3664        UI     28.     21.     20.     18.     12.     12.      8.      4.      4.      4.
3665        UI      4.      4.      4.      4.      4.      0.      0.      0.      0.      0.
3666        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3667        KK   R117A
3668        KM         ROUTE FLOW FROM CP117A TO CP117
3669        RS       4              -1       0
3670        RC    .035    .035     .06    2000   .0060
3671        RX    1000    1001    1002    1020    1090    1670    1850    2060
3672        RY  1212.5  1212.5  1212.5    1212    1212    1214    1215    1216

3673        KK   CP117
3674        KM         ADD HYDROGRAPHS AT CP117
3675        HC       2    8.12

3676        KK    R117
3677        KM         ROUTE FLOW FROM CP117 TO CP118
3678        RS       3              -1       0
3679        RC     .05    .022    .022    3000   .0037
3680        RX    1000    1001    1002    1155    1185    1200    1240    1295
3681        RY    1220    1220    1220    1218    1218  1218.5    1218    1221

3682        KK     118
3683        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 118
3684        BA     .15
3685        LG     .50     .00    5.11     .37     .00
3686        UI      8.      8.     11.     28.     35.     41.     47.     52.     60.     68.
3687        UI     87.    104.     94.     79.     70.     62.     54.     48.     41.     36.
3688        UI     27.     18.     14.     13.     12.      8.      8.      5.      3.      3.
3689        UI      3.      3.      3.      3.      3.      3.      0.      0.      0.      0.
```

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

3690        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3691        KK   CP118
3692        KM        ADD HYDROGRAPHS AT CP117
3693        HC       2    8.27

3694        KK  DCP118
3695        KM        DIVERT TEMPORARILY TO AGUA FRIA RIVER
3696        DT  DIC118
3697        DI       0   10000
3698        DQ       0   10000

3699        KK    NONE
3700        KM        ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
3701        KM        OF STREAM NETWORK WHICH IS LIMTED TO 9 BRANCHES
3702        HC       2

3703        KK     123
3704        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 123
3705        BA     .44
3706        LG     .50     .00    6.21     .30     .00
3707        UI     20.     20.     20.     51.     74.     90.    103.    114.    124.    138.
3708        UI    155.    175.    222.    259.    243.    208.    184.    167.    152.    134.
3709        UI    121.    107.     97.     81.     60.     41.     36.     34.     33.     23.
3710        UI     20.     20.     13.      6.      6.      6.      6.      6.      6.      6.
3711        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
3712        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3713        KK    D123
3714        KM        DIVERT TO CP124 FROM CP123
3715        DT   DI124
3716        DI       0      94     177     293     448     683    1014    1440    1964    2593
3717        DQ       0      94     177     293     448     448     448     448     448     448

3718        KK    R123
3719        KM        ROUTE REMAINDER FROM CP123 TO CP134
3720        RS       6              -1       0
3721        RC     .04     .04    .075    5280   .0038
3722        RX    1000    1001    1002    1045    1150    1570    1960    2350
3723        RY    1209    1209    1209    1208    1208    1210    1212    1214

3724        KK     134
3725        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 134
3726        BA     .50
3727        LG     .50     .00    3.67     .46     .00
3728        UI     22.     22.     22.     49.     79.     95.    108.    122.    132.    145.
3729        UI    162.    178.    213.    261.    291.    248.    216.    195.    178.    161.
3730        UI    143.    131.    114.    105.     88.     65.     46.     39.     37.     37.
3731        UI     27.     22.     22.     20.      7.      7.      7.      7.      7.      7.
3732        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
3733        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

3734        KK   CP134
3735        KM        ADD HYDROGRAPHS AT CP134
3736        HC       2     .94
```

```
3737        KK    R134
3738        KM        ROUTE FLOW FROM CP134 TO CP135
3739        RS      2              -1       0
3740        RC    .06     .03     .03    2640   .0045
3741        RX   1000    1490    1950    2015    2040    2048    2049    2050
3742        RY   1194    1192    1190    1188    1188    1189    1189    1189

3743        KK    D123
3744        KM        RETURN DIVERT AT CP123
3745        DR   DI124

3746        KK    R123
3747        KM        ROUTE FLOW FROM CP123 TO CP124
3748        RS      4              -1       0
3749        RC   .075    .035    .035    2640   .0038
3750        RX   1000    1350    1690    2040    2130    2148    2149    2150
3751        RY   1216    1214    1212    1210    1210    1211    1211    1211

3752        KK     124
3753        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 124
3754        BA    .57
3755        LG    .50     .00    6.41     .29     .00
3756        UI    20.     20.     20.     20.     50.     70.     80.     94.    102.    111.
3757        UI   118.    128.    138.    152.    163.    188.    228.    254.    257.    223.
3758        UI   201.    183.    170.    159.    146.    133.    122.    112.    102.     95.
3759        UI    82.     66.     57.     36.     36.     34.     33.     33.     21.     20.
3760        UI    20.     20.     12.      6.      6.      6.      6.      6.      6.      6.
3761        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
3762        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3763        KK   CP124
3764        KM        ADD HYDROGRAPHS AT CP124
3765        HC      2    1.01

3766        KK    D124
3767        KM        DIVERT TO CP136 FROM CP124
3768        DT   DI136
3769        DI      0      42      84     232     605    1435    2923
3770        DQ      0      25      51     128     292     519     798

3771        KK    D124
3772        KM        DIVERT TO CP125 FROM CP124
3773        DT   DI125
3774        DI      0      17      33     104     313     916    2125
3775        DQ      0      17      33      82     189     341     534
```



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


3776        KK    R124
3777        KM        ROUTE REMAINDER FROM CP124 TO CP135
3778        RS     10              -1       0
3779        RC   .035    .035    .075    5280   .0042
3780        RX   1000    1001    1002    1020    1070    1360    1800    2190
3781        RY   1195    1195    1195    1194    1194    1196    1198    1200

3782        KK   1I135
3783        KM        ADD HYDROGRAPHS AT CP135
3784        HC      2    1.51
```

```
3785        KK     135
3786        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 135
3787        BA     .49
3788        LG     .50      .00     3.58      .44      .00
3789        UI     21.      21.      21.      35.      69.      82.      97.     106.     117.     126.
3790        UI    139.     154.     170.     203.     249.     267.     228.     200.     181.     167.
3791        UI    153.     136.     124.     112.     100.      89.      72.      57.      36.      36.
3792        UI     34.      34.      24.      21.      21.      20.       6.       6.       6.       6.
3793        UI      6.       6.       6.       6.       6.       6.       6.       6.       0.       0.
3794        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

3795        KK   CP135
3796        KM        ADD HYDROGRAPHS AT CP135
3797        HC       2     2.0

3798        KK    R135
3799        KM        ROUTE FLOW FROM CP135 TO CP136
3800        RS       4               -1       0
3801        RC    .075     .035     .035     2640    .0038
3802        RX    1000     1430     1790     2250     2275     2298     2299     2300
3803        RY    1182     1180     1178     1176     1176     1177     1177     1177

3804        KK    D124
3805        KM        RETURN DIVERT AT CP124
3806        DR   DI136

3807        KK    R124
3808        KM        ROUTE FLOW FROM CP124 TO CP136
3809        RS      50               -1       0
3810        RC     .07      .07      .07     6084    .0053
3811        RX    1000     1001     1002     1260     2160     2448     2449     2450
3812        RY    1193     1193     1193     1192     1192     1193     1193     1193

3813        KK     136
3814        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 136
3815        BA     .46
3816        LG     .50      .00     3.67      .42      .00
3817        UI     21.      21.      21.      45.      73.      88.     100.     112.     122.     134.
3818        UI    150.     165.     198.     243.     268.     227.     198.     179.     164.     147.
3819        UI    131.     120.     105.      96.      79.      59.      40.      36.      34.      34.
3820        UI     24.      21.      21.      17.       6.       6.       6.       6.       6.       6.
3821        UI      6.       6.       6.       6.       6.       0.       0.       0.       0.       0.
3822        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
```



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


3823        KK   1I136
3824        KM        ADD HYDROGRAPHS AT CP136
3825        HC       2    1.47

3826        KK   CP136
3827        KM        ADD HYDROGRAPHS AT CP136
3828        HC       2    2.46

3829        KK    R136
3830        KM        ROUTE FLOW FROM CP136 TO CP137
3831        RS       5               -1       0
3832        RC     .08     .035     .035     2640    .0042
3833        RX    1000     1370     1790     3210     3270     3298     3299     3300
3834        RY    1170     1168     1166     1164     1164     1165     1165     1165
```

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

KK   1I137
KM       ADD HYDROGRAPHS AT CP137
HC      2     3.0

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

KK    D124
KM       RETURN DIVERT AT CP124
DR   DI125

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



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

KK   CP125
KM       ADD HYDROGRAPHS AT CP125
HC      2    1.57

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

KK    D125
KM       DIVERT TO CP138 FROM CP125
DT   DI138
DI      0      19     152     499     857    1684    2935    4615    6743
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
```

```
3884        RX    1000    1001    1002    1030    1175    1640    2135    2600
3885        RY    1171    1171    1171  1169.5    1170    1172    1174    1176

3886        KK   CP137
3887        KM        ADD HYDROGRAPHS AT CP137
3888        HC       2     4.0

3889        KK    R137
3890        KM        ROUTE FLOW FROM CP137 TO CP138
3891        RS      22              -1       0
3892        RC     .08     .03     .03    5280   .0021
3893        RX    1000    2200    2310    2320    2340    2368    2369    2370
3894        RY    1162    1156  1156.5    1156    1156    1157    1157    1157

3895        KK     126
3896        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 126
3897        BA     .95
3898        LG     .50     .00    4.79     .39     .00
3899        UI     35.     35.     35.     35.     95.    123.    143.    164.    179.    193.
3900        UI    208.    223.    247.    266.    295.    345.    412.    460.    407.    360.
3901        UI    325.    299.    279.    258.    233.    215.    197.    177.    165.    144.
3902        UI    118.    100.     62.     61.     59.     57.     57.     35.     35.     35.
3903        UI     35.     16.     11.     11.     11.     11.     11.     11.     11.     11.
3904        UI     11.     11.     11.     11.     11.      0.      0.      0.      0.      0.
3905        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3906        KK    D125
3907        KM        RETURN DIVERT AT CP125
3908        DR   DI126
```



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


3909        KK    R125
3910        KM        ROUTE FLOW FROM CP125 TO CP126
3911        RS       4              -1       0
3912        RC     .05     .03     .03    5280   .0038
3913        RX    1000    1350    1570    1590    1630    1645    1650    1670
3914        RY    1184    1182    1180    1176    1176    1180    1182    1183

3915        KK   CP126
3916        KM        ADD HYDROGRAPHS AT CP126
3917        HC       2    2.52

3918        KK    D126
3919        KM        DIVERT TO CP139 FROM CP126
3920        DT   DI139
3921        DI       0     100     500    1000    1500    2000
3922        DQ       0      80     400     800    1200    1600

3923        KK    R126
3924        KM        ROUTE FLOW FROM CP126 TO CP138
3925        RS       8              -1       0
3926        RC    .035    .035    .075    5280   .0030
3927        RX    1000    1001    1002    1010    1180    1560    2020    2200
3928        RY    1161    1161    1161    1160    1160    1162    1164    1165

3929        KK    D125
3930        KM        RETURN DIVERT AT CP125
3931        DR   DI138
```

```
3932        KK    R125
3933        KM        ROUTE FLOW FROM CP125 TO CP138
3934        RS     50              -1       0
3935        RC    .075    .075    .075    7500   .0048
3936        RX    1000    1050    1100    1200    2020    2198    2250    2300
3937        RY    1171  1170.5  1170.5    1170    1170  1170.5  1170.5    1171

3938        KK     138
3939        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 138
3940        BA    1.00
3941        LG     .50     .00    4.81     .38     .00
3942        UI     36.     36.     36.     36.     92.    125.    144.    168.    183.    198.
3943        UI    212.    229.    249.    272.    295.    344.    409.    469.    441.    386.
3944        UI    347.    319.    296.    277.    251.    229.    212.    193.    177.    163.
3945        UI    138.    105.     86.     64.     64.     59.     59.     50.     36.     36.
3946        UI     36.     34.     11.     11.     11.     11.     11.     11.     11.     11.
3947        UI     11.     11.     11.     11.     11.     11.      0.      0.      0.      0.
3948        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3949        KK   1I138
3950        KM        ADD HYDROGRAPHS AT CP138
3951        HC       2    2.57
```



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


3952        KK   2I138
3953        KM        ADD HYDROGRAPHS AT CP138
3954        HC       2    3.52

3955        KK   CP138
3956        KM        ADD HYDROGRAPHS AT CP138
3957        KO       1
3958        HC       2    5.95

3959        KK    D138
3960        KM        DIVERT INTO A PROPOSED OFFLINE DET. BASIN
3961        DT  BAS138
3962        DI       0     400    5000
3963        DQ       0     400     400

3964        KK    R138
3965        KM        ROUTE REMAINDER AT CP138 TO CP154
3966        RS      15              -1       0
3967        RC     .08     .08     .08    2640   .0026
3968        RX    1000    1001    1002    1025    1160    1840    2099    2100
3969        RY    1145    1145    1145    1144    1144    1146    1148    1148

3970        KK     153
3971        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 153
3972        BA     .20
3973        LG     .50     .00    3.58     .43     .00
3974        UI      7.      7.      7.      7.     17.     24.     28.     33.     35.     39.
3975        UI     41.     44.     48.     53.     56.     65.     79.     87.     91.     79.
3976        UI     71.     65.     60.     56.     52.     47.     43.     40.     36.     33.
3977        UI     29.     24.     20.     13.     12.     12.     12.     12.      8.      7.
3978        UI      7.      7.      5.      2.      2.      2.      2.      2.      2.      2.
3979        UI      2.      2.      2.      2.      2.      2.      0.      0.      0.      0.
3980        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

3981        KK   SR153
```

```
3982        KM        STOAGE ROUTE BEHIND THE RAILROAD.
3983        RS      1    STOR       0       0
3984        SV      0    0.02    1.88    8.52   32.96
3985        SQ      0      18     465    1658    8940
3986        SE 1047.9    1048  1048.5    1049    1050

3987        KK    R153
3988        KM        ROUTE FLOW FROM CP153 TO CP154
3989        RS     15              -1       0
3990        RC    .08     .08     .08    2640   .0026
3991        RX   1000    1001    1002    1025    1160    1840    2099    2100
3992        RY   1145    1145    1145    1144    1144    1146    1148    1148

3993        KK     154
3994        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 154
3995        BA    .17
3996        LG    .50     .00    3.53     .39     .00
3997        UI    12.     12.     36.     53.     64.     74.     87.    106.    146.    142.
3998        UI   114.     98.     82.     69.     58.     43.     27.     21.     19.     12.
1                                          HEC-1 INPUT                                          PAGE 91

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

3999        UI    12.      5.      4.      4.      4.      4.      4.      4.      0.      0.
4000        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4001        KK   1I154
4002        KM        ADD HYDROGRAPHS AT CP154
4003        HC      2     .37

4004        KK   CP154
4005        KM        ADD HYDROGRAPHS AT CP154
4006        HC      2    6.32

4007        KK    R154
4008        KM        ROUTE FLOW FROM CP154 TO CP157
4009        RS     19              -1       0
4010        RC    .07     .06     .07    5800   .0048
4011        RX   1000    1001    1580    2290    2450    2710    3199    3200
4012        RY   1140    1140    1138    1136    1136    1138    1140    1140

4013        KK     157
4014        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 157
4015        BA    .89
4016        LG    .28     .00    3.71     .30     .00
4017        UI    64.     64.    193.    278.    339.    392.    463.    568.    781.    736.
4018        UI   593.    510.    427.    361.    303.    216.    133.    109.     97.     64.
4019        UI    63.     20.     20.     20.     20.     20.     20.     20.      0.      0.
4020        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4021        KK   1I157
4022        KM        ADD HYDROGRAPHS AT CP157
4023        HC      2    7.21

4024        KK     127
4025        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 127
4026        BA    .22
4027        LG    .12     .18    7.17     .15   20.00
4028        UI    90.    276.    510.    430.    243.     91.     37.     15.      0.      0.
4029        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4030        KK    R127
```

```
4031        KM        ROUTE FLOW FROM CP127 TO CP139
4032        RS     29              -1       0
4033        RC    .08      .08     .08    3744   .0032
4034        RX   1000     1001    1002    1410    1820    2410    2860    3000
4035        RY   1155     1155    1155    1154    1154    1156    1158    1159

4036        KK    139
4037        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 139
4038        BA    .47
4039        LG    .50      .00    5.73     .32     .00
4040        UI    20.      20.     20.     41.     71.     85.     98.    110.    118.    130.
4041        UI   145.     158.    185.    227.    264.    242.    209.    187.    169.    156.
4042        UI   139.     126.    113.    101.     90.     72.     57.     36.     36.     34.
4043        UI    34.      22.     20.     20.     16.      6.      6.      6.      6.      6.
4044        UI     6.       6.      6.      6.      6.      6.      0.      0.      0.      0.
4045        UI     0.       0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


4046        KK   1I139
4047        KM        ADD HYDROGRAPHS AT CP139
4048        HC      2     .69

4049        KK    D126
4050        KM        RETURN DIVERT AT CP126.
4051        DR   DI139

4052        KK    R126
4053        KM        ROUTE FLOW FROM CP126 TO CP139
4054        RS     29              -1       0
4055        RC    .08      .08     .08    3744   .0032
4056        RX   1000     1001    1002    1410    1820    2410    2860    3000
4057        RY   1155     1155    1155    1154    1154    1156    1158    1159

4058        KK   2I139
4059        KM        ADD HYDROGRAPHS AT CP139
4060        HC      2    3.21

4061        KK    140
4062        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 140
4063        BA    .18
4064        LG    .50      .00    5.47     .25     .00
4065        UI    13.      13.     35.     53.     65.     75.     88.    104.    142.    155.
4066        UI   123.     105.     90.     76.     64.     52.     33.     22.     21.     16.
4067        UI    13.       9.      4.      4.      4.      4.      4.      4.      0.      0.
4068        UI     0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

4069        KK   CP139
4070        KM        ADD HYDROGRAPHS AT CP139
4071        HC      2    3.39

4072        KK   SR139
4073        KM        STOAGE ROUTE BEHIND RAILROAD.
4074        RS      1    STOR       0       0
4075        SV      0    1.14    3.12    6.43   29.35
4076        SQ      0       0     170    1037    5977
4077        SE 1046.2  1047.2  1047.5    1048    1049

4078        KK    R139
4079        KM        ROUTE FLOW FROM CP139 TO CP156
```

```
4080        RS      9              -1       0
4081        RC   .075    .075    .075    2028    .0059
4082        RX   1000    1310    1500    1610    1850    2020    3199    3200
4083        RY   1147    1146    1144    1143    1143    1144    1146    1146

4084        KK    156
4085        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 156
4086        BA    .30
4087        LG    .35     .09    3.95     .38    8.00
4088        UI    18.     18.     33.     64.     82.     94.    106.    121.    139.    173.
4089        UI   223.    206.    171.    149.    132.    113.     99.     85.     69.     47.
4090        UI    31.     30.     28.     18.     18.     12.      5.      5.      5.      5.
4091        UI     5.      5.      5.      5.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

4092        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4093        KK   CP156
4094        KM        ADD HYDROGRAPHS AT CP156
4095        HC       2    3.69

4096        KK    R156
4097        KM        ROUTE FLOW FROM CP156 TO CP157
4098        RS      34              -1       0
4099        RC    .05     .05    .075    5850    .0036
4100        RX   1000    1001    1002    1020    1110    1400    1900    2320
4101        RY   1133    1133    1133    1132    1132    1133    1131    1133

4102        KK   CP157
4103        KM        ADD HYDROGRAPHS AT CP157
4104        HC       2    8.38

4105        KK    R157
4106        KM        ROUTE FLOW FROM CP157 TO CP172
4107        RS       3              -1       0
4108        RC   .035    .022     .06    1150    .0035
4109        RX   1000    1001    1020    1035    1075    1090    1210    1770
4110        RY   1117    1117    1116    1114    1114    1115    1113    1117

4111        KK    172
4112        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 172
4113        BA    .12
4114        LG    .50     .00    3.91     .42     .00
4115        UI     9.      9.     28.     39.     47.     55.     66.     82.    112.     96.
4116        UI    79.     68.     56.     47.     39.     26.     16.     15.     11.      9.
4117        UI     6.      3.      3.      3.      3.      3.      3.      0.      0.      0.
4118        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4119        KK   CP172
4120        KM        ADD HYDROGRAPHS AT CP172
4121        HC       2    8.50

4122        KK    R172
4123        KM        ROUTE FLOW FROM CP172 TO CP173
4124        RS       4              -1       0
4125        RC   .075     .03    .075    4500    .0042
4126        RX   1000    1200    1360    1380    1430    1470    1639    1640
4127        RY   1111    1110    1108    1106    1106    1108    1110    1110

4128        KK    173
```

```
4129        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 173
4130        BA     .31
4131        LG     .50     .00    4.25     .69     .00
4132        UI     15.     15.     15.     43.     57.     71.     79.     87.     96.    109.
4133        UI    121.    146.    184.    191.    160.    139.    125.    114.    100.     90.
4134        UI     79.     71.     57.     43.     27.     26.     25.     22.     15.     15.
4135        UI     14.      5.      5.      5.      5.      5.      5.      5.      5.      5.
4136        UI      5.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4137        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


4138        KK   CP173
4139        KM        ADD HYDROGRAPHS AT CP173
4140        HC      2    8.81

4141        KK    156A
4142        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 156A
4143        BA     .31
4144        LG     .12     .25    4.28     .53   20.00
4145        UI     82.    276.    434.    664.    443.    275.    114.     65.     18.     18.
4146        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4147        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4148        KK   R156A
4149        KM        ROUTE FLOW FROM CP156A TO CP158
4150        RS     34              -1       0
4151        RC    .07     .07     .07    5400   .0030
4152        RX   1000    1001    1002    1380    2200    2838    2839    2840
4153        RY   1117    1117    1117    1116    1116    1118    1118    1118

4154        KK     158
4155        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158
4156        BA     .97
4157        LG     .39     .08    3.97     .91    6.00
4158        UI     44.     44.     44.    100.    156.    188.    216.    240.    261.    288.
4159        UI    323.    356.    430.    534.    560.    473.    416.    374.    344.    307.
4160        UI    274.    247.    220.    197.    157.    123.     77.     77.     72.     71.
4161        UI     44.     44.     44.     26.     13.     13.     13.     13.     13.     13.
4162        UI     13.     13.     13.     13.      0.      0.      0.      0.      0.      0.
4163        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4164        KK   1I158
4165        KM        ADD HYDROGRAPHS AT CP158
4166        HC      2    1.28

4167        KK    158C
4168        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158C
4169        BA     .09
4170        LG     .46     .03    7.25     .21    9.00
4171        UI      7.      7.     25.     33.     40.     47.     57.     78.     86.     67.
4172        UI     57.     47.     39.     31.     21.     12.     12.      8.      7.      3.
4173        UI      2.      2.      2.      2.      2.      0.      0.      0.      0.      0.
4174        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4175        KK   R158C
4176        KM        ROUTE FLOW FROM CP158C TO CP158B
4177        RS     12              -1       0
4178        RC    .07    .035     .07   10770   .0056
4179        RX   1000    1001    1120    1600    1670    1688    1689    1690
```

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4180        RY  1062.5  1062.5    1062    1060    1060  1062.5  1062.5  1062.5
1                                          HEC-1 INPUT                                                          PAGE 95

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


4181        KK    158B
4182        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158B
4183        BA     .67
4184        LG     .31     .11    3.50     .39   10.00
4185        UI     33.     33.     33.     95.    124.    154.    171.    189.    209.    237.
4186        UI    263.    319.    404.    410.    344.    301.    271.    246.    215.    193.
4187        UI    169.    154.    121.     92.     58.     57.     54.     47.     33.     33.
4188        UI     29.     10.     10.     10.     10.     10.     10.     10.     10.     10.
4189        UI     10.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4190        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4191        KK  CP158B
4192        KM        ADD HYDROGRAPHS AT CP158B
4193        HC       2     .76

4194        KK   R158B
4195        KM        ROUTE FLOW FROM CP158B TO CP158A
4196        RS       4              -1       0
4197        RC    .035    .035    .035    2500   .0024
4198        RX    1000    1130    1200    1240    1315    1338    1339    1340
4199        RY    1129    1128    1124    1122    1122    1126    1126    1126

4200        KK    158A
4201        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158A
4202        BA     .38
4203        LG     .50     .00    2.81    1.90     .00
4204        UI     15.     15.     15.     18.     50.     57.     68.     75.     83.     89.
4205        UI     96.    107.    116.    131.    161.    185.    193.    165.    147.    133.
4206        UI    123.    114.    102.     93.     85.     76.     70.     59.     45.     35.
4207        UI     27.     26.     25.     25.     16.     15.     15.     15.      5.      5.
4208        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      5.
4209        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4210        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4211        KK  CP158A
4212        KM        ADD HYDROGRAPHS AT CP158A
4213        HC       2    1.14

4214        KK  SR158A
4215        KM        STORAGE ROUTE THROUGH AT&SF RAILROAD BRIDGE
4216        RS       1    STOR       0       0
4217        SV       0    5.23    9.23   28.93   36.79   74.04  110.59   159.4  177.39  225.93
4218        SQ       0       0       0       0       0    1687    3972    6993    8033   11282
4219        SE  1101.5    1108    1110    1114    1115    1118    1120    1122  1122.6    1124

4220        KK   D158A
4221        KM        DIVERT FLOW TO THE AGUA FRIA RIVER
4222        DT  DI158A
4223        DI       0    1687    3972    6993    8033   11282
4224        DQ       0       0       0       0       0     592
                                           HEC-1 INPUT                                                          PAGE 96

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


4225        KK   R158A
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4226        KM        ROUTE REMAINDER FROM CP158A TO CP158
4227        RS      9              -1       0
4228        RC    .07    .035     .07    5300   .0028
4229        RX   1000    1001    1235    1240    1290    1300    1345    1450
4230        RY   1117    1117    1116    1114    1114    1116    1118    1119

4231        KK   CP158
4232        KM        ADD HYDROGRAPHS AT CP158
4233        HC      2    2.42

4234        KK    R158
4235        KM        ROUTE FLOW FROM CP158 TO CP173B
4236        RS      6              -1       0
4237        RC    .07     .04     .07    4524   .0035
4238        RX   1000    1001    1240    1360    1440    1500    1650    1750
4239        RY   1113    1113    1112    1110    1110    1112    1114    1115

4240        KK    173B
4241        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 173B
4242        BA    .20
4243        LG    .46     .11    3.20    1.40     .00
4244        UI    12.     12.     21.     42.     53.     61.     69.     78.     90.    109.
4245        UI   143.    141.    116.    101.     89.     77.     67.     58.     49.     35.
4246        UI    22.     20.     19.     13.     12.     11.      4.      4.      4.      4.
4247        UI     4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
4248        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4249        KK  CP173B
4250        KM        ADD HYDROGRAPHS AT CP173B
4251        HC      2    2.62

4252        KK    158E
4253        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158E
4254        BA    .45
4255        LG    .17     .23    3.78     .39   16.00
4256        UI   105.    366.    561.    918.    672.    441.    208.    109.     48.     25.
4257        UI    25.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4258        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4259        KK   R158E
4260        KM        ROUTE FLOW FROM CP158E TO CP158D
4261        RS      6              -1       0
4262        RC    .03     .03     .03    3500   .0029
4263        RX   1000    1001    1200    1240    1290    1310    1549    1550
4264        RY   1151    1151    1150    1148    1148    1150    1151    1151

4265        KK    158D
4266        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 158D
4267        BA    .37
4268        LG    .21     .23    3.73     .39   12.00
4269        UI    56.    221.    334.    501.    637.    439.    306.    169.     92.     54.
4270        UI    17.     17.     17.      0.      0.      0.      0.      0.      0.      0.
4271        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

4272        KK  RC158D
4273        KM        ADD HYDROGRAPHS AT RCP158D
4274        HC      2     .82
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KK  RR158D
KM        RIVER ROUTE FLOW AT RCP158D TO RCP158A
RS       6              -1       0
RC    .035    .035    .035    7200    .005
RX    1000    1001    1002    1042    2042    2082    2083    2084
RY    1135    1135    1135    1125    1125    1135    1135    1135

KK   D158A
KM        RETURN DIVERT AT RCP158A
DR  DI158A

KK  RC158A
KM        ADD HYDROGRAPHS AT RCP158A
HC       2    1.96

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

KK  RC173B
KM        ADD HYDROGRAPHS AT RCP173B
HC       2    3.44

KK  RCP173
KM        ADD HYDROGRAPHS AT RCP173
HC       2   15.46

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

KK     171
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 171
BA     .70
LG     .50     .00    4.97     .32     .00
UI     24.     24.     24.     24.     47.     78.     91.    106.    115.    126.
UI    135.    143.    154.    169.    181.    197.    229.    271.    307.    296.
UI    260.    235.    215.    200.    188.    174.    157.    147.    137.    122.
UI    114.    105.     90.     68.     56.     42.     42.     39.     39.     38.
UI     24.     24.     24.     24.     15.      7.      7.      7.      7.      7.
UI      7.      7.      7.      7.      7.      7.      7.      7.      7.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE      ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

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

KK    173A
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4324    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 173A
4325    BA     .20
4326    LG     .50     .00    5.03     .30     .00
4327    UI     12.     12.     26.     46.     58.     67.     76.     88.    102.    133.
4328    UI    158.    130.    110.     97.     83.     73.     62.     52.     37.     22.
4329    UI     21.     20.     12.     12.      8.      4.      4.      4.      4.      4.
4330    UI      4.      4.      0.      0.      0.      0.      0.      0.      0.      0.
4331    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4332    KK  CP173A
4333    KM        ADD HYDROGRAPHS AT CP173A
4334    HC       2     .90

4335    KK  RC173A
4336    KM        ADD HYDROGRAPHS AT RCP173A
4337    HC       2   16.36

4338    KK  RR173A
4339    KM        RIVER ROUTE FLOW FROM RCP173A TO RCP187
4340    RS       3              -1       0
4341    RC    .035    .035    .035    5600   .0050
4342    RX    1000    1001    1002    1042    2042    2082    2083    2084
4343    RY    1092    1092    1092    1082    1082    1092    1092    1092

4344    KK     186
4345    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 186
4346    BA     .33
4347    LG     .50     .00    3.52     .47     .00
4348    UI     12.     12.     12.     12.     35.     44.     51.     58.     64.     69.
4349    UI     74.     80.     88.     95.    108.    131.    149.    159.    138.    123.
4350    UI    112.    103.     96.     87.     80.     73.     67.     61.     56.     47.
4351    UI     36.     29.     22.     21.     20.     20.     15.     12.     12.     12.
4352    UI      9.      4.      4.      4.      4.      4.      4.      4.      4.      4.
4353    UI      4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
4354    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4355    KK    R186
4356    KM        ROUTE FLOW FROM CP186 TO CP187
4357    RS       5              -1       0
4358    RC     .08     .04     .04    1950   .0035
4359    RX    1000    1001    1200    1320    1690    1828    1829    1830
4360    RY    1097    1097    1096  1094.5  1094.5    1095    1095    1095
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LINE    ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

4361    KK     187
4362    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 187
4363    BA     .35
4364    LG     .46     .10    4.02     .39     .00
4365    UI     66.    147.     37.      5.      0.      0.      0.      0.      0.      0.
4366    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4367    KK   CP187
4368    KM        ADD HYDROGRAPHS AT CP187
4369    HC       2     .68

4370    KK  RCP187
4371    KM        ADD HYDROGRAPHS AT RCP187
4372    HC       2   17.04
```

```
KK   RR187
KM       RIVER ROUTE FLOW FROM RCP187 TO RCP200
RS      3              -1       0
RC   .035    .035    .035    5460   .0050
RX   1000    1001    1002    1042    2042    2082    2083    2084
RY   1080    1080    1080    1070    1070    1080    1080    1080

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

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

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



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

KK   CP200
KM       ADD HYDROGRAPHS AT CP200
HC      2     .40

KK  RCP200
KM       ADD HYDROGRAPHS AT RCP200
HC      2   23.45

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

KK  DCP200
KM       DIVERT TEMPORARILY TO AGUA FRIA RIVER
DT  DIC200
DI      0   10000
DQ      0   10000

KK    NONE
KM       ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
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4423        KM        OF STREAM NETWORK WHICH IS LIMTED TO 9 BRANCHES
4424        HC      2

4425        KK    147
4426        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 147
4427        BA    .50
4428        LG    .50     .00    3.59     .47     .00
4429        UI    23.     23.     23.     57.     84.    102.    116.    128.    140.    156.
4430        UI   175.    197.    249.    289.    278.    237.    210.    190.    174.    153.
4431        UI   138.    123.    110.     94.     70.     50.     41.     39.     38.     27.
4432        UI    23.     23.     18.      7.      7.      7.      7.      7.      7.      7.
4433        UI     7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
4434        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4435        KK   D147
4436        KM        DIVERT TO CP166 FROM CP147
4437        DT   DI166
4438        DI      0     108    1147    2026    4338    8063   13066
4439        DQ      0     108    1129    1961    3822    6531   10041

4440        KK   R147
4441        KM        ROUTE REMAINDER FROM CP147 TO CP148
4442        RS      4              -1       0
4443        RC   .075     .04     .04    2640   .0038
4444        RX   1000    1420    1800    2230    2340    2368    2369    2370
4445        RY   1164    1162    1160    1158    1158    1159    1159    1159
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


4446        KK    148
4447        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 148
4448        BA    .48
4449        LG    .50     .00    3.77     .44     .00
4450        UI    22.     22.     22.     51.     78.     95.    109.    120.    131.    145.
4451        UI   162.    181.    222.    270.    274.    232.    204.    185.    169.    150.
4452        UI   135.    120.    108.     94.     74.     56.     39.     38.     36.     32.
4453        UI    22.     22.     22.      9.      7.      7.      7.      7.      7.      7.
4454        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
4455        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4456        KK   CP148
4457        KM        ADD HYDROGRAPHS AT CP148
4458        HC      2     .98

4459        KK   D148
4460        KM        DIVERT TO CP150 FROM CP148
4461        DT   DI150
4462        DI      0       3     104     399     807    1777    2687    5053    8363
4463        DQ      0       1      16      60     106     241     472    1000    1788

4464        KK   R148
4465        KM        ROUTE REMAINDER FROM CP148 TO CP166
4466        RS      6              -1       0
4467        RC    .04     .04    .075    5280   .0030
4468        RX   1000    1001    1002    1045    1330    2030    2380    2700
4469        RY   1153    1153    1153    1152    1152    1154    1156    1157

4470        KK   D147
4471        KM        RETURN DIVERT AT CP147
4472        DR   DI166
```

```
4473        KK    R147
4474        KM        ROUTE FLOW FROM CP147 TO CP166
4475        RS     29              -1       0
4476        RC    .08     .08     .08    6240   .0042
4477        RX   1000    1001    1220    1720    2460    2998    2999    3000
4478        RY   1155    1155    1154    1152    1152  1153.5  1153.5  1153.5

4479        KK    166
4480        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 166
4481        BA    .98
4482        LG    .50     .00    3.64     .46     .00
4483        UI    34.     34.     34.     34.     81.    118.    135.    160.    172.    188.
4484        UI   199.    215.    233.    256.    273.    312.    378.    420.    447.    390.
4485        UI   348.    317.    294.    275.    255.    230.    213.    197.    177.    165.
4486        UI   148.    123.     99.     71.     61.     60.     57.     57.     44.     34.
4487        UI    34.     34.     31.     11.     11.     11.     11.     11.     11.     11.
4488        UI    11.     11.     11.     11.     11.     11.     11.      0.      0.      0.
4489        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE102

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


4490        KK   1I166
4491        KM        ADD HYDROGRAPHS AT CP166
4492        HC      2    1.48

4493        KK   CP166
4494        KM        ADD HYDROGRAPHS AT CP166
4495        HC      2    1.96

4496        KK    D166
4497        KM        DIVERT TO CP167 FROM CP166
4498        DT   DI167
4499        DI      0      67     296     813    1921    3730    6346    9869
4500        DQ      0      67     296     765    1709    3184    5250    7966

4501        KK    R166
4502        KM        ROUTE REMAINDER FROM CP166 TO CP180
4503        RS     11              -1       0
4504        RC   .035    .035    .075    5280   .0051
4505        RX   1000    1001    1002    1020    1060    1420    2010    2320
4506        RY   1125    1125    1125    1124    1124    1126    1128    1130

4507        KK    180
4508        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 180
4509        BA    .99
4510        LG    .50     .00    4.94     .37     .00
4511        UI    35.     35.     35.     35.     84.    120.    138.    163.    176.    191.
4512        UI   203.    220.    238.    261.    280.    321.    391.    430.    449.    390.
4513        UI   350.    319.    296.    277.    255.    231.    214.    196.    178.    166.
4514        UI   146.    120.    101.     66.     62.     60.     57.     57.     41.     35.
4515        UI    35.     35.     26.     11.     11.     11.     11.     11.     11.     11.
4516        UI    11.     11.     11.     11.     11.     11.      0.      0.      0.      0.
4517        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4518        KK   CP180
4519        KM        ADD HYDROGRAPHS AT CP180
4520        HC      2    2.95

4521        KK    D180
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4522        KM        DIVERT TO CP195 FROM CP180
4523        DT    1D195
4524        DI        0       6     234     802    1724    3040    4789
4525        DQ        0       6     206     687    1448    2510    3899

4526        KK    R180
4527        KM        ROUTE REMAINDER FROM CP180 TO CP181
4528        RS        7              -1       0
4529        RC     .075     .04     .04    1350   .0007
4530        RX     1000    1001    1410    2240    2270    2298    2299    2300
4531        RY     1116    1116    1114    1112    1112    1113    1113    1113
```



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


4532        KK     181
4533        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 181
4534        BA     .37
4535        LG     .50     .00    3.78     .45     .00
4536        UI     19.     19.     20.     65.     79.     93.    106.    117.    132.    148.
4537        UI    177.    224.    248.    206.    178.    159.    143.    124.    111.     97.
4538        UI     83.     63.     44.     34.     32.     31.     19.     19.     18.      6.
4539        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
4540        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4541        KK    CP181
4542        KM        ADD HYDROGRAPHS AT CP181
4543        HC        2    3.32

4544        KK     D181
4545        KM        DIVERT TO CP195 FROM CP181
4546        DT    2D195
4547        DI        0     100     200     328     500    1251    3000    6011
4548        DQ        0     100     200     328     500    1026    2250    4208

4549        KK     R181
4550        KM        ROUTE REMAINDER FROM CP181 TO CP182
4551        RS        7              -1       0
4552        RC     .075     .04     .04    2900   .0024
4553        RX     1000    1190    1640    2305    2340    2358    2359    2360
4554        RY     1111    1110    1108    1106    1106    1107    1107    1107

4555        KK     182
4556        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 182
4557        BA     .24
4558        LG     .50     .00    3.89     .44     .00
4559        UI     15.     15.     32.     56.     71.     83.     93.    108.    127.    167.
4560        UI    190.    154.    131.    116.     99.     85.     73.     60.     40.     26.
4561        UI     25.     22.     15.     15.      7.      5.      5.      5.      5.      5.
4562        UI      5.      5.      0.      0.      0.      0.      0.      0.      0.      0.
4563        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4564        KK    1I182
4565        KM        ADD HYDROGRAPHS AT CP182
4566        HC        2    5.56

4567        KK     D148
4568        KM        RETURN DIVERT AT CP148
4569        DR    DI150

4570        KK     R148
```

```
4571        KM        ROUTE FLOW FROM CP148 TO CP150
4572        RS      7              -1       0
4573        RC   .075     .035    .035    2640    .0026
4574        RX   1000     1350    1830    2240    2340    2368    2369    2370
4575        RY   1158     1156    1154    1152    1152    1153    1153    1153
```



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

4576        KK    150
4577        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 150
4578        BA    .23
4579        LG    .50     .00    3.57     .50     .00
4580        UI    14.     14.     27.     50.     65.     74.     84.     96.    110.    144.
4581        UI   175.    154.    129.    113.     99.     85.     74.     64.     47.     32.
4582        UI    24.     23.     18.     14.     14.      5.      4.      4.      4.      4.
4583        UI     4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
4584        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4585        KK   CP150
4586        KM        ADD HYDROGRAPHS AT CP150
4587        HC      2    1.21

4588        KK    R150
4589        KM        ROUTE FLOW FROM CP150 TO CP151
4590        RS      6              -1       0
4591        RC   .075     .035    .035    2640    .0030
4592        RX   1000     1250    1720    2110    2300    2348    2349    2350
4593        RY   1149     1148    1146    1144    1144    1145    1145    1145

4594        KK    151
4595        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 151
4596        BA    .25
4597        LG    .50     .00    3.79     .46     .00
4598        UI    15.     15.     27.     53.     67.     78.     87.    100.    114.    140.
4599        UI   184.    173.    143.    125.    111.     95.     83.     72.     60.     41.
4600        UI    26.     25.     24.     15.     15.     11.      4.      4.      4.      4.
4601        UI     4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
4602        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4603        KK   1I151
4604        KM        ADD HYDROGRAPHS AT CP151
4605        HC      2    1.46

4606        KK    149
4607        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 149
4608        BA    .48
4609        LG    .50     .00    3.81     .49     .00
4610        UI    21.     21.     21.     43.     73.     88.    101.    114.    122.    134.
4611        UI   150.    164.    192.    235.    275.    245.    211.    189.    173.    158.
4612        UI   140.    127.    114.    102.     90.     71.     54.     37.     36.     34.
4613        UI    33.     21.     21.     21.     13.      6.      6.      6.      6.      6.
4614        UI     6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
4615        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4616        KK    R149
4617        KM        ROUTE FLOW FROM CP149 TO CP151
4618        RS      5              -1       0
4619        RC   .035     .035     .07    2640    .0038
4620        RX   1000     1001    1002    1030    1200    2050    2315    2350
4621        RY   1143     1143    1143    1142    1142    1144    1146    1147
```

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

4622          KK   CP151
4623          KM        ADD HYDROGRAPHS AT CP151
4624          HC       2    1.94

4625          KK    D151
4626          KM        DIVERT TO CP168 FROM CP151
4627          DT   1D168
4628          DI       0      22      73     360     833    1579    2881    4702    7044
4629          DQ       0       0      17     113     270     519     953    1560    2341

4630          KK    D151
4631          KM        DIVERT TO CP152 FROM CP151
4632          DT   DI152
4633          DI       0      22      56     247     563    1060    1928    3142    4703
4634          DQ       0       0      17     113     270     519     953    1560    2341

4635          KK    R151
4636          KM        ROUTE REMAINDER FROM CP151 TO CP167
4637          RS      11              -1       0
4638          RC    .035    .035     .07    5280   .0030
4639          RX    1000    1001    1002    1015    1085    1500    1770    2400
4640          RY    1129    1129    1129    1128    1128    1130    1132    1134

4641          KK     167
4642          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 167
4643          BA     .97
4644          LG     .50     .00    3.56     .46     .00
4645          UI     34.     34.     34.     34.     80.    117.    133.    158.    170.    186.
4646          UI    197.    213.    231.    253.    270.    309.    374.    415.    443.    386.
4647          UI    344.    314.    291.    272.    252.    227.    211.    195.    175.    163.
4648          UI    146.    122.     98.     71.     60.     59.     56.     56.     44.     34.
4649          UI     34.     34.     31.     10.     10.     10.     10.     10.     10.     10.
4650          UI     10.     10.     10.     10.     10.     10.     10.      0.      0.      0.
4651          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4652          KK   1I167
4653          KM        ADD HYDROGRAPHS AT CP167
4654          HC       2    2.91

4655          KK    D166
4656          KM        RETURN DIVERT AT CP166
4657          DR   DI167

4658          KK    R166
4659          KM        ROUTE FLOW FROM CP166 TO CP167
4660          RS       5              -1       0
4661          RC     .08    .025     .025    5280   .0028
4662          RX    1000    1510    2000    2250    2290    2318    2319    2320
4663          RY    1136    1134    1132    1130    1130    1131    1131    1131
```



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

4664          KK   CP167
4665          KM        ADD HYDROGRAPHS AT CP167
4666          HC       2    3.89
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4667        KK    D167
4668        KM        DIVERT TO CP183 FROM CP167
4669        DT   1D183
4670        DI       0     274    1281    3337    6703   11624   18322
4671        DQ       0       0     335    1021    2143    3783    6016

4672        KK    D167
4673        KM        DIVERT TO CP168 FROM CP167
4674        DT   2D168
4675        DI       0     274     946    2316    4560    7841   12306
4676        DQ       0       0      64     250     587    1107    1838

4677        KK    R167
4678        KM        ROUTE REMAINDER FROM CP167 TO CP181A
4679        RS       4              -1       0
4680        RC    .035    .035     .08    2400   .0046
4681        RX    1000    1001    1002    1020    1080    1740    2169    2170
4682        RY    1119    1119    1119    1118    1118    1120    1119    1119

4683        KK    181A
4684        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 181A
4685        BA     .39
4686        LG     .50     .00    3.77     .45     .00
4687        UI     16.     16.     16.     28.     55.     65.     77.     85.     93.    100.
4688        UI    111.    123.    136.    162.    199.    212.    181.    159.    144.    133.
4689        UI    121.    108.     98.     89.     80.     71.     57.     45.     29.     29.
4690        UI     27.     27.     19.     16.     16.     16.      5.      5.      5.      5.
4691        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
4692        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4693        KK  CP181A
4694        KM        ADD HYDROGRAPHS AT CP181A
4695        HC       2    4.28

4696        KK   D181A
4697        KM        DIVERT TO CP183 FROM CP181A
4698        DT   2D183
4699        DI       0     133     491    1117    1637    2812    4542    6810    9620
4700        DQ       0      12      77     241     451     927    1631    2557    3709

4701        KK   R181A
4702        KM        ROUTE REMAINDER FROM CP181A TO CP182
4703        RS       5              -1       0
4704        RC     .04     .04     .08    2870   .0031
4705        RX    1000    1001    1002    1015    1075    1570    1880    2100
4706        RY    1109    1109    1109    1108    1108    1110    1112    1113
```



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


4707        KK   CP182
4708        KM        ADD HYDROGRAPHS AT CP182
4709        HC       2    5.88

4710        KK    D182
4711        KM        DIVERT TO CP196 FROM CP182
4712        DT   DI196
4713        DI       0     173     611    1337    2388    3802
4714        DQ       0      88     310     659    1212    1929
```

```
4715        KK    R182
4716        KM        ROUTE REMAINDER FROM CP182 TO CP184
4717        RS      14              -1       0
4718        RC    .075     .04     .04    5280   .0023
4719        RX    1000    1001    1700    2340    2450    2463    2464    2465
4720        RY    1104    1104    1102    1100    1100    1101    1101    1101

4721        KK    D151
4722        KM        RETURN DIVERT AT CP151
4723        DR   DI152

4724        KK    R151
4725        KM        ROUTE FLOW FROM CP151 TO CP152
4726        RS       6              -1       0
4727        RC     .08    .035    .035    2600   .0027
4728        RX    1000    1090    1710    2160    2240    2268    2269    2270
4729        RY    1141    1140    1138    1136    1136    1137    1137    1137

4730        KK     152
4731        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 152
4732        BA     .35
4733        LG     .50     .00    5.16     .31     .00
4734        UI     17.     17.     17.     54.     69.     83.     94.    103.    114.    129.
4735        UI    147.    187.    221.    206.    175.    155.    140.    124.    110.     97.
4736        UI     86.     74.     56.     39.     31.     29.     29.     18.     17.     17.
4737        UI      7.      5.      5.      5.      5.      5.      5.      5.      5.      5.
4738        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4739        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4740        KK   CP152
4741        KM        ADD HYDROGRAPHS AT CP152
4742        HC       2    2.29

4743        KK    D152
4744        KM        DIVERT TO CP169 FROM CP152
4745        DT   1D169
4746        DI       0     334     482    1536    3508    6291    9848   14192
4747        DQ       0       0      49     400    1058    1986    3171    4619
```



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


4748        KK    D152
4749        KM        DIVERT TO CP155 FROM CP152
4750        DT   DI155
4751        DI       0     334     433    1136    2450    4305    6677    9573
4752        DQ       0       0      49     400    1058    1986    3171    4619

4753        KK    R152
4754        KM        ROUTE REMAINDER FROM CP152 TO CP168
4755        RS      10              -1       0
4756        RC    .035    .035    .075    5280   .0034
4757        RX    1000    1001    1002    1020    1110    1450    1880    2100
4758        RY    1123    1123    1123    1122    1122    1124    1126    1127

4759        KK    D151
4760        KM        RETURN DIVERT AT CP151
4761        DR   1D168

4762        KK    R151
4763        KM        ROUTE FLOW FROM CP151 TO CP168
```

```
4764        RS      56              -1       0
4765        RC    .075     .075    .075    5928    .0042
4766        RX    1000     1001    1002    1180    2100    2458    2459    2460
4767        RY    1135     1135    1135    1134    1134    1135    1135    1135

4768        KK     168
4769        KM         RUNOFF HYDROGRAPH FROM SUB-BASIN 168
4770        BA     .51
4771        LG     .50      .00    4.01     .38     .00
4772        UI     21.      21.     21.     37.     73.     86.    101.    111.    122.    132.
4773        UI    145.     162.    179.    213.    262.    277.    236.    208.    188.    173.
4774        UI    158.     141.    128.    116.    104.     92.     73.     58.     38.     38.
4775        UI     35.      35.     24.     21.     21.     20.      7.      7.      7.      7.
4776        UI      7.       7.      7.      7.      7.      7.      7.      0.      0.      0.
4777        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

4778        KK   1I168
4779        KM         ADD HYDROGRAPHS AT CP168
4780        HC       2    2.45

4781        KK    D167
4782        KM         RETURN DIVERT AT CP167
4783        DR   2D168

4784        KK    R167
4785        KM         ROUTE FLOW FROM CP167 TO CP168
4786        RS      10              -1       0
4787        RC    .075      .04     .04    2600    .0035
4788        RX    1000     1060    1460    2050    2315    2328    2329    2330
4789        RY    1125     1124    1122    1120    1120    1121    1121    1121
```



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


4790        KK   2I168
4791        KM         ADD HYDROGRAPHS AT CP168
4792        HC       2    4.40

4793        KK   CP168
4794        KM         ADD HYDROGRAPHS AT CP168
4795        HC       2    4.75

4796        KK    D168
4797        KM         DIVERT TO CP169 FROM CP168
4798        DT   2D169
4799        DI       0       4     282    1072    2510    4582    7322   10770
4800        DQ       0       0      59     334     981    1974    3330    5068

4801        KK    R168
4802        KM         ROUTE REMAINDER FROM CP168 TO CP183
4803        RS       5              -1       0
4804        RC     .04      .04    .075    2400    .0029
4805        RX    1000     1001    1002    1010    1030    1480    2259    2260
4806        RY    1113     1113    1113    1112    1112    1114    1116    1116

4807        KK    D167
4808        KM         RETURN DIVERT AT CP167
4809        DR   1D183

4810        KK    R167
4811        KM         ROUTE FLOW FROM CP167 TO CP183
```

```
4812        RS      19              -1       0
4813        RC    .075     .075    .075    2250    .0071
4814        RX    1000     1001    1002    1210    2310    2558    2559    2560
4815        RY    1115     1115    1115    1114    1114    1115    1115    1115

4816        KK     183
4817        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 183
4818        BA     .21
4819        LG     .50      .00    3.98     .42     .00
4820        UI     20.      38.     84.    109.    134.    172.    247.    206.    164.    131.
4821        UI    104.      74.     40.     33.     22.     16.      6.      6.      6.      6.
4822        UI      6.       0.      0.      0.      0.      0.      0.      0.      0.      0.
4823        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

4824        KK   1I183
4825        KM        ADD HYDROGRAPHS AT CP183
4826        HC       2    4.10

4827        KK   D181A
4828        KM        RETURN DIVERT AT CP181A
4829        DR   2D183
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


4830        KK   R181A
4831        KM        ROUTE FLOW FROM CP181A TO CP183
4832        RS       3              -1       0
4833        RC     .08      .04     .04    1250    .0040
4834        RX    1000     1001    1420    1850    1870    1888    1889    1890
4835        RY    1114     1114    1112    1110    1110    1111    1111    1111

4836        KK   2I183
4837        KM        ADD HYDROGRAPHS AT CP183
4838        HC       2    4.49

4839        KK   CP183
4840        KM        ADD HYDROGRAPHS AT CP183
4841        HC       2    5.35

4842        KK    R183
4843        KM        ROUTE FLOW FROM CP183 TO CP184
4844        RS      28              -1       0
4845        RC     .08      .08     .08    4520    .0035
4846        RX    1000     1001    1215    1910    2630    3250    3499    3500
4847        RY    1101     1101    1100    1098    1098    1100    1101    1101

4848        KK     184
4849        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 184
4850        BA     .79
4851        LG     .50      .00    3.50     .36     .00
4852        UI     33.      33.     33.     53.    110.    130.    154.    170.    186.    200.
4853        UI    221.     245.    268.    321.    389.    431.    371.    326.    293.    269.
4854        UI    248.     221.    201.    182.    164.    148.    121.     94.     63.     58.
4855        UI     55.      54.     43.     33.     33.     33.     15.     10.     10.     10.
4856        UI     10.      10.     10.     10.     10.     10.     10.     10.      0.      0.
4857        UI      0.       0.      0.      0.      0.      0.      0.      0.      0.      0.

4858        KK   1I184
4859        KM        ADD HYDROGRAPHS AT CP184
4860        HC       2    6.14
```

```
4861        KK   2I184
4862        KM        ADD HYDROGRAPHS AT CP184
4863        HC       2    6.75

4864        KK    D152
4865        KM        RETURN DIVERT AT CP152
4866        DR   DI155

4867        KK    R152
4868        KM        ROUTE FLOW FROM CP152 TO CP155
4869        RS      14              -1       0
4870        RC    .075     .04     .04    2640   .0019
4871        RX    1000    1040    1580    2090    2360    2363    2364    2365
4872        RY  1135.2    1134    1132    1130    1130    1131    1131    1131
```



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

4873        KK     155
4874        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 155
4875        BA     .26
4876        LG     .50     .00    6.71     .25     .00
4877        UI     15.     15.     29.     56.     72.     83.     93.    107.    122.    156.
4878        UI    195.    177.    147.    129.    113.     98.     85.     73.     57.     39.
4879        UI     27.     26.     23.     15.     15.      8.      5.      5.      5.      5.
4880        UI      5.      5.      5.      0.      0.      0.      0.      0.      0.      0.
4881        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4882        KK   CP155
4883        KM        ADD HYDROGRAPHS AT CP155
4884        HC       2    2.55

4885        KK    R155
4886        KM        ROUTE FLOW FROM CP155 TO CP169
4887        RS      17              -1       0
4888        RC     .04     .04     .07    5280   .0036
4889        RX    1000    1001    1002    1020    1690    2220    2269    2270
4890        RY    1117    1117    1117    1116    1116    1118    1119    1119

4891        KK    D152
4892        KM        RETURN DIVERT AT CP152
4893        DR   1D169

4894        KK    R152
4895        KM        ROUTE FLOW FROM CP152 TO CP169
4896        RS       7              -1       0
4897        RC     .08     .08     .08    5928   .0040
4898        RX    1000    1001    1002    1190    2510    2898    2899    2900
4899        RY    1121    1121    1121    1120    1120    1121    1121    1121

4900        KK     169
4901        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 169
4902        BA     .51
4903        LG     .50     .00    6.30     .27     .00
4904        UI     21.     21.     21.     35.     72.     84.    100.    110.    120.    130.
4905        UI    143.    159.    174.    209.    253.    278.    239.    210.    189.    174.
4906        UI    160.    142.    130.    117.    106.     95.     77.     61.     39.     38.
4907        UI     35.     35.     27.     21.     21.     21.      9.      7.      7.      7.
4908        UI      7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
4909        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
4910        KK   1I169
4911        KM        ADD HYDROGRAPHS AT CP169
4912        HC       2    2.80

4913        KK   2I169
4914        KM        ADD HYDROGRAPHS AT CP169
4915        HC       2    3.06
```



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


4916        KK    D168
4917        KM        RETURN DIVERT AT CP168
4918        DR   2D169

4919        KK    R168
4920        KM        ROUTE FLOW FROM CP168 TO CP169
4921        RS       9              -1       0
4922        RC     .08     .035    .035    2640   .0023
4923        RX    1000     1001    1440    1890    2100    2148    2149    2150
4924        RY    1116     1116    1114    1112    1112    1113    1113    1113

4925        KK   CP169
4926        KM        ADD HYDROGRAPHS AT CP169
4927        HC       2    5.52

4928        KK    R169
4929        KM        ROUTE FLOW FROM CP169 TO CP184
4930        RS      10              -1       0
4931        RC     .08      .04     .04    5280   .0032
4932        RX    1000     1001    1002    1020    1100    1670    2099    2100
4933        RY    1111     1111    1111    1110    1110    1112    1113    1113

4934        KK   CP184
4935        KM        ADD HYDROGRAPHS AT CP184
4936        HC       2    7.52

4937        KK    D184
4938        KM        DIVERT TO CP197 FROM CP184
4939        DT   DI197
4940        DI       0      350    1274    2834    4789    7664
4941        DQ       0      140     509    1134    1916    3066

4942        KK    D184
4943        KM        DIVERT TO CP198 FROM CP184
4944        DT   DI198
4945        DI       0      210     765    1700    2873    4598
4946        DQ       0      140     509    1134    1911    3066

4947        KK    R184
4948        KM        ROUTE REMAINDER FROM CP184 TO CP185
4949        RS       8              -1       0
4950        RC    .075      .04     .04    1400   .0007
4951        RX    1000     1001    1170    1970    2260    2308    2309    2310
4952        RY    1095     1095    1094    1092    1092    1093    1093    1093

4953        KK     170
4954        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 170
4955        BA     .29
4956        LG     .41      .04    7.38     .19    5.00
```

```
4957        UI    19.    19.    48.    77.    95.   110.   126.   148.   189.   242.
4958        UI   212.   175.   153.   130.   112.    94.    76.    49.    34.    32.
4959        UI    25.    19.    17.     6.     6.     6.     6.     6.     6.     6.
4960        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
4961        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


4962        KK   R170
4963        KM        ROUTE FLOW FROM CP170 TO CP185
4964        RS     16              -1      0
4965        RC   .035    .035    .035    5280   .0032
4966        RX   1000    1001    1002    2100    2280    2338    2339    2340
4967        RY   1101    1101    1101    1100    1100    1101    1101    1101

4968        KK    185
4969        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 185
4970        BA    .69
4971        LG    .50     .00    4.10     .42     .00
4972        UI    30.     30.     30.     62.    105.    126.    145.    163.    176.    193.
4973        UI   216.    236.    277.    338.    395.    352.    304.    272.    248.    227.
4974        UI   202.    183.    164.    147.    129.    101.     78.     53.     52.     50.
4975        UI    48.     30.     30.     30.     19.      9.      9.      9.      9.      9.
4976        UI     9.      9.      9.      9.      9.      0.      0.      0.      0.      0.
4977        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4978        KK   1I185
4979        KM        ADD HYDROGRAPHS AT CP185
4980        HC      2     .98

4981        KK   CP185
4982        KM        ADD HYDROGRAPHS AT CP185
4983        HC      2    8.50

4984        KK    R185
4985        KM        ROUTE FLOW FROM CP185 TO CP198
4986        RS      9              -1      0
4987        RC   .075    .075    .075    5450   .0022
4988        RX   1000    1001    1090    1410    1950    2190    2219    2220
4989        RY   1086    1086    1084    1083    1083    1084    1085    1085

4990        KK    D184
4991        KM        RETURN DIVERT AT CP184
4992        DR   DI198

4993        KK    R184
4994        KM        ROUTE FLOW FROM CP184 TO CP198
4995        RS     55              -1      0
4996        RC   .075    .075    .075    6630   .0020
4997        RX   1000    1001    1025    1220    1990    2010    2099    2100
4998        RY   1085    1085    1084    1083    1083    1084    1085    1085

4999        KK    198
5000        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 198
5001        BA    .91
5002        LG    .50     .00    4.97     .38     .00
5003        UI    30.     30.     30.     30.     53.     99.    114.    131.    145.    157.
5004        UI   168.    180.    192.    208.    227.    242.    276.    331.    365.    397.
5005        UI   348.    312.    285.    263.    246.    232.    211.    195.    180.    167.
5006        UI   152.    142.    125.    105.     87.     62.     53.     53.     50.     50.
```

```
5007        UI    45.    30.    30.    30.    30.    18.     9.     9.     9.     9.
5008        UI     9.     9.     9.     9.     9.     9.     9.     9.     9.     9.
```



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

5009        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
5010        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5011        KK   1I198
5012        KM        ADD HYDROGRAPHS AT CP198
5013        HC      2    8.43

5014        KK   2I198
5015        KM        ADD HYDROGRAPHS AT CP198
5016        HC      2    9.41

5017        KK    D184
5018        KM        RETURN DIVERT AT CP184
5019        DR   DI197

5020        KK    R184
5021        KM        ROUTE FLOW FROM CP184 TO CP197
5022        RS     18              -1      0
5023        RC    .04    .04    .08   5280   .0025
5024        RX   1000   1001   1002   1015   1870   2300   2699   2700
5025        RY   1087   1087   1087   1086   1086   1088   1089   1089

5026        KK     197
5027        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 197
5028        BA   1.00
5029        LG    .50    .00   3.58    .41    .00
5030        UI    32.    32.    32.    32.    46.   106.   119.   135.   152.   164.
5031        UI   177.   187.   200.   216.   235.   250.   276.   318.   371.   423.
5032        UI   402.   355.   321.   296.   276.   259.   242.   222.   204.   191.
5033        UI   175.   161.   151.   133.   112.    93.    68.    57.    57.    53.
5034        UI    53.    52.    32.    32.    32.    32.    27.    10.    10.    10.
5035        UI    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
5036        UI    10.    10.     0.     0.     0.     0.     0.     0.     0.     0.
5037        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5038        KK   CP197
5039        KM        ADD HYDROGRAPHS AT CP197
5040        HC      2    8.52

5041        KK    R197
5042        KM        ROUTE FLOW FROM CP197 TO CP203
5043        RS      8              -1      0
5044        RC   .035   .035   .015   2650   .0004
5045        RX   1000   1001   1002   1030   1200   1350   1809   1810
5046        RY   1078   1078   1078 1077.5 1077.5   1078   1080   1080

5047        KK     203
5048        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 203
5049        BA    .11
5050        LG    .35    .38   5.29    .21    .00
5051        UI    16.    60.    92.   131.   189.   135.    96.    62.    29.    19.
5052        UI     9.     5.     5.     0.     0.     0.     0.     0.     0.     0.
5053        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
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```
5152        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 133
5153        BA     .49
5154        LG     .50     .00    3.62     .46     .00
5155        UI     22.     22.     22.     48.     77.     93.    106.    119.    129.    142.
5156        UI    159.    175.    208.    256.    285.    243.    212.    191.    174.    158.
5157        UI    141.    128.    112.    103.     86.     64.     45.     39.     36.     36.
5158        UI     27.     22.     22.     19.      7.      7.      7.      7.      7.      7.
5159        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
5160        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5161        KK   1I133
5162        KM        ADD HYDROGRAPHS AT CP133
5163        HC       2    1.89

5164        KK   CP133
5165        KM        ADD HYDROGRAPHS AT CP133
5166        HC       2    2.78

5167        KK    R133
5168        KM        ROUTE FLOW FROM CP133 TO CP146
5169        RS       8              -1       0
5170        RC    .035    .035    .075    5280   .0068
5171        RX    1000    1001    1002    1015    1080    1440    1740    2130
5172        RY    1187    1187    1187    1186    1186    1188    1190    1192

5173        KK     146
5174        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 146
5175        BA     .90
5176        LG     .50     .00    3.51     .47     .00
5177        UI     36.     36.     36.     47.    119.    138.    166.    182.    199.    215.
5178        UI    233.    260.    281.    323.    399.    452.    449.    386.    344.    314.
5179        UI    290.    266.    238.    217.    197.    178.    161.    132.    104.     70.
5180        UI     64.     61.     59.     52.     36.     36.     36.     25.     11.     11.
5181        UI     11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
5182        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5183        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5184        KK   1I146
5185        KM        ADD HYDROGRAPHS AT CP146
5186        HC       2    3.68
```



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


5187        KK    D131
5188        KM        RETURN DIVERT AT CP131
5189        DR   DI145

5190        KK    R131
5191        KM        ROUTE FLOW FROM CP131 TO CP145
5192        RS       8              -1       0
5193        RC     .04     .04    .075    5280   .0043
5194        RX    1000    1001    1002    1020    1050    1820    2210    2230
5195        RY    1213    1213    1213    1212    1212    1214    1216    1218

5196        KK     145
5197        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 145
5198        BA     .48
5199        LG     .50     .00    3.78     .42     .00
5200        UI     21.     21.     21.     47.     76.     91.    104.    117.    126.    139.
5201        UI    156.    171.    204.    251.    279.    238.    208.    187.    171.    155.
```

```
5202        UI    138.    125.    110.    101.     84.     63.     44.     38.     36.     35.
5203        UI     26.     21.     21.     19.      7.      7.      7.      7.      7.      7.
5204        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
5205        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5206        KK   CP145
5207        KM        ADD HYDROGRAPHS AT CP145
5208        HC       2    1.47

5209        KK    D145
5210        KM        DIVERT TO CP164 FROM CP145
5211        DT   DI164
5212        DI       0      37     218     475    1177    1902    3592    5561    8738
5213        DQ       0       0       0      34     193     517    1285    1864    3181

5214        KK    D145
5215        KM        DIVERT TO CP165 FROM CP145
5216        DT   DI165
5217        DI       0      37     218     441     984    1385    2307    3697    5557
5218        DQ       0       0       0     111     383     584    1044    1740    2690

5219        KK    R145
5220        KM        ROUTE REMAINDER FROM CP145 TO CP146
5221        RS       5              -1       0
5222        RC    .075    .035    .035    4850   .0056
5223        RX    1000    1320    1650    1930    1955    1968    1969    1970
5224        RY    1192    1190    1188    1186    1186    1187    1187    1187

5225        KK   CP146
5226        KM        ADD HYDROGRAPHS AT CP146
5227        HC       2    4.16
```



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


5228        KK    R146
5229        KM        ROUTE FLOW FROM CP146 TO CP165
5230        RS       7              -1       0
5231        RC     .04     .04    .075    5280   .0047
5232        RX    1000    1001    1002    1035    1085    1570    2180    2500
5233        RY    1159    1159    1159    1158    1158    1160    1162    1163

5234        KK    D145
5235        KM        RETURN DIVERT AT CP145
5236        DR   DI164

5237        KK    R145
5238        KM        ROUTE FLOW FROM CP145 TO CP164
5239        RS       7              -1       0
5240        RC    .035    .035    .075    5280   .0058
5241        RX    1000    1001    1002    1040    1170    1520    1910    2190
5242        RY    1185    1185    1185    1184    1184    1186    1188    1190

5243        KK     164
5244        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 164
5245        BA     .49
5246        LG     .50     .00    5.59     .31     .00
5247        UI     22.     22.     22.     49.     78.     94.    107.    120.    130.    143.
5248        UI    161.    177.    212.    261.    285.    241.    211.    190.    174.    157.
5249        UI    140.    127.    111.    103.     83.     63.     42.     39.     36.     36.
5250        UI     25.     22.     22.     17.      7.      7.      7.      7.      7.      7.
```

```
5251        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5252        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5253        KK   CP164
5254        KM        ADD HYDROGRAPHS AT CP164
5255        HC       2    1.96

5256        KK    D164
5257        KM        DIVERT TO CP177 FROM CP164
5258        DT   DI177
5259        DI       0     295    1091    2467    4521    7345   11030
5260        DQ       0      22     124     352     743    1329    2143

5261        KK    R164
5262        KM        ROUTE REMAINDER FROM CP164 TO CP165
5263        RS       7              -1       0
5264        RC     .04     .04    .075    4900   .0043
5265        RX    1000    1250    1730    2220    2320    2338    2339    2340
5266        RY    1164    1162    1160    1158    1158    1159    1159    1159

5267        KK    D145
5268        KM        RETURN DIVERT AT CP145
5269        DR   DI165
```



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


5270        KK    R145
5271        KM        ROUTE FLOW FROM CP145 TO CP165
5272        RS      38              -1       0
5273        RC     .08     .08     .08    7500   .0069
5274        RX    1000    1001    1420    1730    2220    2470    2999    3000
5275        RY    1177    1177    1176    1175    1175    1176    1177    1177

5276        KK     165
5277        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 165
5278        BA     .90
5279        LG     .50     .00    3.72     .43     .00
5280        UI     35.     35.     35.     38.    115.    131.    156.    173.    191.    204.
5281        UI    223.    244.    267.    295.    349.    422.    463.    401.    353.    320.
5282        UI    294.    274.    246.    223.    206.    184.    169.    149.    120.     99.
5283        UI     62.     62.     59.     58.     49.     35.     35.     35.     25.     11.
5284        UI     11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
5285        UI     11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5286        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5287        KK   1I165
5288        KM        ADD HYDROGRAPHS AT CP165
5289        HC       2    2.37

5290        KK   2I165
5291        KM        ADD HYDROGRAPHS AT CP165
5292        HC       2    2.86

5293        KK   CP165
5294        KM        ADD HYDROGRAPHS AT CP165
5295        HC       2    5.55

5296        KK    R165
5297        KM        ROUTE FLOW FROM CP165 TO CP179
5298        RS       7              -1       0
```

```
5299        RC    .022    .022     .04    5280   .0038
5300        RX    1000    1001    1002    1030    1075    1090    1250    2000
5301        RY    1135    1135    1135    1134    1134    1135    1133    1137

5302        KK     179
5303        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 179
5304        BA     .46
5305        LG     .50     .00    6.02     .32     .00
5306        UI     20.     20.     20.     41.     70.     84.     97.    109.    117.    129.
5307        UI    144.    158.    184.    225.    264.    234.    203.    181.    165.    152.
5308        UI    135.    122.    109.     98.     86.     68.     52.     36.     35.     33.
5309        UI     32.     20.     20.     20.     12.      6.      6.      6.      6.      6.
5310        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
5311        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


5312        KK   1I179
5313        KM        ADD HYDROGRAPHS AT CP179
5314        HC       2    6.01

5315        KK    D164
5316        KM        RETURN DIVERT AT CP164
5317        DR   DI177

5318        KK    R164
5319        KM        ROUTE FLOW FROM CP164 TO CP177
5320        RS      11              -1       0
5321        RC    .035    .035     .07    5280   .0032
5322        RX    1000    1001    1002    1020    1040    1290    1540    1810
5323        RY    1159    1159    1159    1158    1158    1160    1162    1164

5324        KK     177
5325        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 177
5326        BA     .49
5327        LG     .50     .00    3.99     .43     .00
5328        UI     22.     22.     22.     51.     79.     96.    110.    122.    133.    147.
5329        UI    164.    182.    220.    273.    282.    238.    209.    189.    174.    154.
5330        UI    138.    124.    111.     98.     78.     60.     39.     39.     36.     35.
5331        UI     22.     22.     22.     11.      7.      7.      7.      7.      7.      7.
5332        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5333        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5334        KK   CP177
5335        KM        ADD HYDROGRAPHS AT CP177
5336        HC       2    2.45

5337        KK    R177
5338        KM        ROUTE FLOW FROM CP177 TO CP178
5339        RS       3              -1       0
5340        RC     .07     .04     .04    2250   .0067
5341        RX    1000    1170    1550    2020    2060    2078    2079    2080
5342        RY    1149    1148    1146    1144    1144    1145    1145    1145

5343        KK     178
5344        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 178
5345        BA     .44
5346        LG     .50     .00    3.75     .45     .00
5347        UI     20.     20.     20.     46.     71.     86.     98.    109.    119.    131.
5348        UI    147.    162.    196.    244.    253.    214.    188.    170.    156.    139.
```

```
4423        KM        OF STREAM NETWORK WHICH IS LIMTED TO 9 BRANCHES
4424        HC       2

4425        KK     147
4426        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 147
4427        BA     .50
4428        LG     .50     .00    3.59     .47     .00
4429        UI     23.     23.     23.     57.     84.    102.    116.    128.    140.    156.
4430        UI    175.    197.    249.    289.    278.    237.    210.    190.    174.    153.
4431        UI    138.    123.    110.     94.     70.     50.     41.     39.     38.     27.
4432        UI     23.     23.     18.      7.      7.      7.      7.      7.      7.      7.
4433        UI      7.      7.      7.      0.      0.      0.      0.      0.      0.      0.
4434        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4435        KK    D147
4436        KM        DIVERT TO CP166 FROM CP147
4437        DT   DI166
4438        DI       0     108    1147    2026    4338    8063   13066
4439        DQ       0     108    1129    1961    3822    6531   10041

4440        KK    R147
4441        KM        ROUTE REMAINDER FROM CP147 TO CP148
4442        RS       4              -1       0
4443        RC    .075     .04     .04    2640   .0038
4444        RX    1000    1420    1800    2230    2340    2368    2369    2370
4445        RY    1164    1162    1160    1158    1158    1159    1159    1159
```



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


4446        KK     148
4447        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 148
4448        BA     .48
4449        LG     .50     .00    3.77     .44     .00
4450        UI     22.     22.     22.     51.     78.     95.    109.    120.    131.    145.
4451        UI    162.    181.    222.    270.    274.    232.    204.    185.    169.    150.
4452        UI    135.    120.    108.     94.     74.     56.     39.     38.     36.     32.
4453        UI     22.     22.     22.      9.      7.      7.      7.      7.      7.      7.
4454        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
4455        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4456        KK   CP148
4457        KM        ADD HYDROGRAPHS AT CP148
4458        HC       2     .98

4459        KK    D148
4460        KM        DIVERT TO CP150 FROM CP148
4461        DT   DI150
4462        DI       0       3     104     399     807    1777    2687    5053    8363
4463        DQ       0       1      16      60     106     241     472    1000    1788

4464        KK    R148
4465        KM        ROUTE REMAINDER FROM CP148 TO CP166
4466        RS       6              -1       0
4467        RC     .04     .04    .075    5280   .0030
4468        RX    1000    1001    1002    1045    1330    2030    2380    2700
4469        RY    1153    1153    1153    1152    1152    1154    1156    1157

4470        KK    D147
4471        KM        RETURN DIVERT AT CP147
4472        DR   DI166
```

```
4473        KK    R147
4474        KM        ROUTE FLOW FROM CP147 TO CP166
4475        RS     29              -1       0
4476        RC    .08     .08     .08    6240   .0042
4477        RX   1000    1001    1220    1720    2460    2998    2999    3000
4478        RY   1155    1155    1154    1152    1152  1153.5  1153.5  1153.5

4479        KK     166
4480        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 166
4481        BA    .98
4482        LG    .50     .00    3.64     .46     .00
4483        UI    34.     34.     34.     34.     81.    118.    135.    160.    172.    188.
4484        UI   199.    215.    233.    256.    273.    312.    378.    420.    447.    390.
4485        UI   348.    317.    294.    275.    255.    230.    213.    197.    177.    165.
4486        UI   148.    123.     99.     71.     61.     60.     57.     57.     44.     34.
4487        UI    34.     34.     31.     11.     11.     11.     11.     11.     11.     11.
4488        UI    11.     11.     11.     11.     11.     11.     11.      0.      0.      0.
4489        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                          HEC-1 INPUT                                          PAGE102

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


4490        KK   1I166
4491        KM        ADD HYDROGRAPHS AT CP166
4492        HC       2    1.48

4493        KK   CP166
4494        KM        ADD HYDROGRAPHS AT CP166
4495        HC       2    1.96

4496        KK    D166
4497        KM        DIVERT TO CP167 FROM CP166
4498        DT   DI167
4499        DI       0      67     296     813    1921    3730    6346    9869
4500        DQ       0      67     296     765    1709    3184    5250    7966

4501        KK    R166
4502        KM        ROUTE REMAINDER FROM CP166 TO CP180
4503        RS      11              -1       0
4504        RC    .035    .035    .075    5280   .0051
4505        RX   1000    1001    1002    1020    1060    1420    2010    2320
4506        RY   1125    1125    1125    1124    1124    1126    1128    1130

4507        KK     180
4508        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 180
4509        BA    .99
4510        LG    .50     .00    4.94     .37     .00
4511        UI    35.     35.     35.     35.     84.    120.    138.    163.    176.    191.
4512        UI   203.    220.    238.    261.    280.    321.    391.    430.    449.    390.
4513        UI   350.    319.    296.    277.    255.    231.    214.    196.    178.    166.
4514        UI   146.    120.    101.     66.     62.     60.     57.     57.     41.     35.
4515        UI    35.     35.     26.     11.     11.     11.     11.     11.     11.     11.
4516        UI    11.     11.     11.     11.     11.     11.      0.      0.      0.      0.
4517        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4518        KK   CP180
4519        KM        ADD HYDROGRAPHS AT CP180
4520        HC       2    2.95

4521        KK    D180
```

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4522        KM        DIVERT TO CP195 FROM CP180
4523        DT    1D195
4524        DI        0       6     234     802    1724    3040    4789
4525        DQ        0       6     206     687    1448    2510    3899

4526        KK    R180
4527        KM        ROUTE REMAINDER FROM CP180 TO CP181
4528        RS        7              -1       0
4529        RC     .075     .04     .04    1350   .0007
4530        RX     1000    1001    1410    2240    2270    2298    2299    2300
4531        RY     1116    1116    1114    1112    1112    1113    1113    1113
```



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


4532        KK     181
4533        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 181
4534        BA     .37
4535        LG     .50     .00    3.78     .45     .00
4536        UI     19.     19.     20.     65.     79.     93.    106.    117.    132.    148.
4537        UI    177.    224.    248.    206.    178.    159.    143.    124.    111.     97.
4538        UI     83.     63.     44.     34.     32.     31.     19.     19.     18.      6.
4539        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
4540        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4541        KK    CP181
4542        KM        ADD HYDROGRAPHS AT CP181
4543        HC        2    3.32

4544        KK     D181
4545        KM        DIVERT TO CP195 FROM CP181
4546        DT    2D195
4547        DI        0     100     200     328     500    1251    3000    6011
4548        DQ        0     100     200     328     500    1026    2250    4208

4549        KK     R181
4550        KM        ROUTE REMAINDER FROM CP181 TO CP182
4551        RS        7              -1       0
4552        RC     .075     .04     .04    2900   .0024
4553        RX     1000    1190    1640    2305    2340    2358    2359    2360
4554        RY     1111    1110    1108    1106    1106    1107    1107    1107

4555        KK     182
4556        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 182
4557        BA     .24
4558        LG     .50     .00    3.89     .44     .00
4559        UI     15.     15.     32.     56.     71.     83.     93.    108.    127.    167.
4560        UI    190.    154.    131.    116.     99.     85.     73.     60.     40.     26.
4561        UI     25.     22.     15.     15.      7.      5.      5.      5.      5.      5.
4562        UI      5.      5.      0.      0.      0.      0.      0.      0.      0.      0.
4563        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4564        KK    1I182
4565        KM        ADD HYDROGRAPHS AT CP182
4566        HC        2    5.56

4567        KK     D148
4568        KM        RETURN DIVERT AT CP148
4569        DR    DI150

4570        KK     R148
```

```
4571        KM        ROUTE FLOW FROM CP148 TO CP150
4572        RS      7              -1       0
4573        RC   .075    .035    .035    2640   .0026
4574        RX   1000    1350    1830    2240    2340    2368    2369    2370
4575        RY   1158    1156    1154    1152    1152    1153    1153    1153
```



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

4576        KK    150
4577        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 150
4578        BA    .23
4579        LG    .50     .00    3.57     .50     .00
4580        UI    14.     14.     27.     50.     65.     74.     84.     96.    110.    144.
4581        UI   175.    154.    129.    113.     99.     85.     74.     64.     47.     32.
4582        UI    24.     23.     18.     14.     14.      5.      4.      4.      4.      4.
4583        UI     4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
4584        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4585        KK   CP150
4586        KM        ADD HYDROGRAPHS AT CP150
4587        HC      2    1.21

4588        KK    R150
4589        KM        ROUTE FLOW FROM CP150 TO CP151
4590        RS      6              -1       0
4591        RC   .075    .035    .035    2640   .0030
4592        RX   1000    1250    1720    2110    2300    2348    2349    2350
4593        RY   1149    1148    1146    1144    1144    1145    1145    1145

4594        KK    151
4595        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 151
4596        BA    .25
4597        LG    .50     .00    3.79     .46     .00
4598        UI    15.     15.     27.     53.     67.     78.     87.    100.    114.    140.
4599        UI   184.    173.    143.    125.    111.     95.     83.     72.     60.     41.
4600        UI    26.     25.     24.     15.     15.     11.      4.      4.      4.      4.
4601        UI     4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
4602        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4603        KK   1I151
4604        KM        ADD HYDROGRAPHS AT CP151
4605        HC      2    1.46

4606        KK    149
4607        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 149
4608        BA    .48
4609        LG    .50     .00    3.81     .49     .00
4610        UI    21.     21.     21.     43.     73.     88.    101.    114.    122.    134.
4611        UI   150.    164.    192.    235.    275.    245.    211.    189.    173.    158.
4612        UI   140.    127.    114.    102.     90.     71.     54.     37.     36.     34.
4613        UI    33.     21.     21.     21.     13.      6.      6.      6.      6.      6.
4614        UI     6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
4615        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4616        KK    R149
4617        KM        ROUTE FLOW FROM CP149 TO CP151
4618        RS      5              -1       0
4619        RC   .035    .035     .07    2640   .0038
4620        RX   1000    1001    1002    1030    1200    2050    2315    2350
4621        RY   1143    1143    1143    1142    1142    1144    1146    1147
```

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

4622          KK   CP151
4623          KM        ADD HYDROGRAPHS AT CP151
4624          HC       2    1.94

4625          KK    D151
4626          KM        DIVERT TO CP168 FROM CP151
4627          DT   1D168
4628          DI       0      22      73     360     833    1579    2881    4702    7044
4629          DQ       0       0      17     113     270     519     953    1560    2341

4630          KK    D151
4631          KM        DIVERT TO CP152 FROM CP151
4632          DT   DI152
4633          DI       0      22      56     247     563    1060    1928    3142    4703
4634          DQ       0       0      17     113     270     519     953    1560    2341

4635          KK    R151
4636          KM        ROUTE REMAINDER FROM CP151 TO CP167
4637          RS      11              -1       0
4638          RC    .035    .035     .07    5280   .0030
4639          RX    1000    1001    1002    1015    1085    1500    1770    2400
4640          RY    1129    1129    1129    1128    1128    1130    1132    1134

4641          KK     167
4642          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 167
4643          BA     .97
4644          LG     .50     .00    3.56     .46     .00
4645          UI     34.     34.     34.     34.     80.    117.    133.    158.    170.    186.
4646          UI    197.    213.    231.    253.    270.    309.    374.    415.    443.    386.
4647          UI    344.    314.    291.    272.    252.    227.    211.    195.    175.    163.
4648          UI    146.    122.     98.     71.     60.     59.     56.     56.     44.     34.
4649          UI     34.     34.     31.     10.     10.     10.     10.     10.     10.     10.
4650          UI     10.     10.     10.     10.     10.     10.     10.      0.      0.      0.
4651          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4652          KK   1I167
4653          KM        ADD HYDROGRAPHS AT CP167
4654          HC       2    2.91

4655          KK    D166
4656          KM        RETURN DIVERT AT CP166
4657          DR   DI167

4658          KK    R166
4659          KM        ROUTE FLOW FROM CP166 TO CP167
4660          RS       5              -1       0
4661          RC     .08    .025    .025    5280   .0028
4662          RX    1000    1510    2000    2250    2290    2318    2319    2320
4663          RY    1136    1134    1132    1130    1130    1131    1131    1131
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

4664          KK   CP167
4665          KM        ADD HYDROGRAPHS AT CP167
4666          HC       2    3.89
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4667        KK    D167
4668        KM        DIVERT TO CP183 FROM CP167
4669        DT   1D183
4670        DI       0     274    1281    3337    6703   11624   18322
4671        DQ       0       0     335    1021    2143    3783    6016

4672        KK    D167
4673        KM        DIVERT TO CP168 FROM CP167
4674        DT   2D168
4675        DI       0     274     946    2316    4560    7841   12306
4676        DQ       0       0      64     250     587    1107    1838

4677        KK    R167
4678        KM        ROUTE REMAINDER FROM CP167 TO CP181A
4679        RS       4              -1       0
4680        RC    .035    .035     .08    2400   .0046
4681        RX    1000    1001    1002    1020    1080    1740    2169    2170
4682        RY    1119    1119    1119    1118    1118    1120    1119    1119

4683        KK    181A
4684        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 181A
4685        BA     .39
4686        LG     .50     .00    3.77     .45     .00
4687        UI     16.     16.     16.     28.     55.     65.     77.     85.     93.    100.
4688        UI    111.    123.    136.    162.    199.    212.    181.    159.    144.    133.
4689        UI    121.    108.     98.     89.     80.     71.     57.     45.     29.     29.
4690        UI     27.     27.     19.     16.     16.     16.      5.      5.      5.      5.
4691        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
4692        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4693        KK  CP181A
4694        KM        ADD HYDROGRAPHS AT CP181A
4695        HC       2    4.28

4696        KK   D181A
4697        KM        DIVERT TO CP183 FROM CP181A
4698        DT   2D183
4699        DI       0     133     491    1117    1637    2812    4542    6810    9620
4700        DQ       0      12      77     241     451     927    1631    2557    3709

4701        KK   R181A
4702        KM        ROUTE REMAINDER FROM CP181A TO CP182
4703        RS       5              -1       0
4704        RC     .04     .04     .08    2870   .0031
4705        RX    1000    1001    1002    1015    1075    1570    1880    2100
4706        RY    1109    1109    1109    1108    1108    1110    1112    1113
```



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


4707        KK   CP182
4708        KM        ADD HYDROGRAPHS AT CP182
4709        HC       2    5.88

4710        KK    D182
4711        KM        DIVERT TO CP196 FROM CP182
4712        DT   DI196
4713        DI       0     173     611    1337    2388    3802
4714        DQ       0      88     310     659    1212    1929
```

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4715        KK    R182
4716        KM        ROUTE REMAINDER FROM CP182 TO CP184
4717        RS      14              -1       0
4718        RC    .075     .04     .04    5280   .0023
4719        RX    1000    1001    1700    2340    2450    2463    2464    2465
4720        RY    1104    1104    1102    1100    1100    1101    1101    1101

4721        KK    D151
4722        KM        RETURN DIVERT AT CP151
4723        DR   DI152

4724        KK    R151
4725        KM        ROUTE FLOW FROM CP151 TO CP152
4726        RS       6              -1       0
4727        RC     .08    .035    .035    2600   .0027
4728        RX    1000    1090    1710    2160    2240    2268    2269    2270
4729        RY    1141    1140    1138    1136    1136    1137    1137    1137

4730        KK     152
4731        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 152
4732        BA     .35
4733        LG     .50     .00    5.16     .31     .00
4734        UI     17.     17.     17.     54.     69.     83.     94.    103.    114.    129.
4735        UI    147.    187.    221.    206.    175.    155.    140.    124.    110.     97.
4736        UI     86.     74.     56.     39.     31.     29.     29.     18.     17.     17.
4737        UI      7.      5.      5.      5.      5.      5.      5.      5.      5.      5.
4738        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4739        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4740        KK   CP152
4741        KM        ADD HYDROGRAPHS AT CP152
4742        HC       2    2.29

4743        KK    D152
4744        KM        DIVERT TO CP169 FROM CP152
4745        DT   1D169
4746        DI       0     334     482    1536    3508    6291    9848   14192
4747        DQ       0       0      49     400    1058    1986    3171    4619
```



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


4748        KK    D152
4749        KM        DIVERT TO CP155 FROM CP152
4750        DT   DI155
4751        DI       0     334     433    1136    2450    4305    6677    9573
4752        DQ       0       0      49     400    1058    1986    3171    4619

4753        KK    R152
4754        KM        ROUTE REMAINDER FROM CP152 TO CP168
4755        RS      10              -1       0
4756        RC    .035    .035    .075    5280   .0034
4757        RX    1000    1001    1002    1020    1110    1450    1880    2100
4758        RY    1123    1123    1123    1122    1122    1124    1126    1127

4759        KK    D151
4760        KM        RETURN DIVERT AT CP151
4761        DR   1D168

4762        KK    R151
4763        KM        ROUTE FLOW FROM CP151 TO CP168
```

```
4764        RS      56              -1       0
4765        RC    .075    .075    .075    5928    .0042
4766        RX    1000    1001    1002    1180    2100    2458    2459    2460
4767        RY    1135    1135    1135    1134    1134    1135    1135    1135

4768        KK     168
4769        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 168
4770        BA     .51
4771        LG     .50     .00    4.01     .38     .00
4772        UI     21.     21.     21.     37.     73.     86.    101.    111.    122.    132.
4773        UI    145.    162.    179.    213.    262.    277.    236.    208.    188.    173.
4774        UI    158.    141.    128.    116.    104.     92.     73.     58.     38.     38.
4775        UI     35.     35.     24.     21.     21.     20.      7.      7.      7.      7.
4776        UI      7.      7.      7.      7.      7.      7.      7.      0.      0.      0.
4777        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4778        KK   1I168
4779        KM        ADD HYDROGRAPHS AT CP168
4780        HC       2    2.45

4781        KK    D167
4782        KM        RETURN DIVERT AT CP167
4783        DR   2D168

4784        KK    R167
4785        KM        ROUTE FLOW FROM CP167 TO CP168
4786        RS      10              -1       0
4787        RC    .075     .04     .04    2600    .0035
4788        RX    1000    1060    1460    2050    2315    2328    2329    2330
4789        RY    1125    1124    1122    1120    1120    1121    1121    1121
```



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


4790        KK   2I168
4791        KM        ADD HYDROGRAPHS AT CP168
4792        HC       2    4.40

4793        KK   CP168
4794        KM        ADD HYDROGRAPHS AT CP168
4795        HC       2    4.75

4796        KK    D168
4797        KM        DIVERT TO CP169 FROM CP168
4798        DT   2D169
4799        DI       0       4     282    1072    2510    4582    7322   10770
4800        DQ       0       0      59     334     981    1974    3330    5068

4801        KK    R168
4802        KM        ROUTE REMAINDER FROM CP168 TO CP183
4803        RS       5              -1       0
4804        RC     .04     .04    .075    2400    .0029
4805        RX    1000    1001    1002    1010    1030    1480    2259    2260
4806        RY    1113    1113    1113    1112    1112    1114    1116    1116

4807        KK    D167
4808        KM        RETURN DIVERT AT CP167
4809        DR   1D183

4810        KK    R167
4811        KM        ROUTE FLOW FROM CP167 TO CP183
```

```
4812        RS     19              -1       0
4813        RC   .075    .075    .075    2250   .0071
4814        RX   1000    1001    1002    1210    2310    2558    2559    2560
4815        RY   1115    1115    1115    1114    1114    1115    1115    1115

4816        KK    183
4817        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 183
4818        BA    .21
4819        LG    .50     .00    3.98     .42     .00
4820        UI    20.     38.     84.    109.    134.    172.    247.    206.    164.    131.
4821        UI   104.     74.     40.     33.     22.     16.      6.      6.      6.      6.
4822        UI     6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
4823        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4824        KK   1I183
4825        KM        ADD HYDROGRAPHS AT CP183
4826        HC      2    4.10

4827        KK   D181A
4828        KM        RETURN DIVERT AT CP181A
4829        DR   2D183
```



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


4830        KK   R181A
4831        KM        ROUTE FLOW FROM CP181A TO CP183
4832        RS      3              -1       0
4833        RC    .08     .04     .04    1250   .0040
4834        RX   1000    1001    1420    1850    1870    1888    1889    1890
4835        RY   1114    1114    1112    1110    1110    1111    1111    1111

4836        KK   2I183
4837        KM        ADD HYDROGRAPHS AT CP183
4838        HC      2    4.49

4839        KK   CP183
4840        KM        ADD HYDROGRAPHS AT CP183
4841        HC      2    5.35

4842        KK    R183
4843        KM        ROUTE FLOW FROM CP183 TO CP184
4844        RS     28              -1       0
4845        RC    .08     .08     .08    4520   .0035
4846        RX   1000    1001    1215    1910    2630    3250    3499    3500
4847        RY   1101    1101    1100    1098    1098    1100    1101    1101

4848        KK    184
4849        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 184
4850        BA    .79
4851        LG    .50     .00    3.50     .36     .00
4852        UI    33.     33.     33.     53.    110.    130.    154.    170.    186.    200.
4853        UI   221.    245.    268.    321.    389.    431.    371.    326.    293.    269.
4854        UI   248.    221.    201.    182.    164.    148.    121.     94.     63.     58.
4855        UI    55.     54.     43.     33.     33.     33.     15.     10.     10.     10.
4856        UI    10.     10.     10.     10.     10.     10.     10.     10.      0.      0.
4857        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4858        KK   1I184
4859        KM        ADD HYDROGRAPHS AT CP184
4860        HC      2    6.14
```

```
4861        KK   2I184
4862        KM        ADD HYDROGRAPHS AT CP184
4863        HC       2    6.75

4864        KK    D152
4865        KM        RETURN DIVERT AT CP152
4866        DR   DI155

4867        KK    R152
4868        KM        ROUTE FLOW FROM CP152 TO CP155
4869        RS      14              -1       0
4870        RC    .075     .04     .04    2640   .0019
4871        RX    1000    1040    1580    2090    2360    2363    2364    2365
4872        RY  1135.2    1134    1132    1130    1130    1131    1131    1131
```



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


4873        KK     155
4874        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 155
4875        BA     .26
4876        LG     .50     .00    6.71     .25     .00
4877        UI     15.     15.     29.     56.     72.     83.     93.    107.    122.    156.
4878        UI    195.    177.    147.    129.    113.     98.     85.     73.     57.     39.
4879        UI     27.     26.     23.     15.     15.      8.      5.      5.      5.      5.
4880        UI      5.      5.      5.      0.      0.      0.      0.      0.      0.      0.
4881        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

4882        KK   CP155
4883        KM        ADD HYDROGRAPHS AT CP155
4884        HC       2    2.55

4885        KK    R155
4886        KM        ROUTE FLOW FROM CP155 TO CP169
4887        RS      17              -1       0
4888        RC     .04     .04     .07    5280   .0036
4889        RX    1000    1001    1002    1020    1690    2220    2269    2270
4890        RY    1117    1117    1117    1116    1116    1118    1119    1119

4891        KK    D152
4892        KM        RETURN DIVERT AT CP152
4893        DR   1D169

4894        KK    R152
4895        KM        ROUTE FLOW FROM CP152 TO CP169
4896        RS       7              -1       0
4897        RC     .08     .08     .08    5928   .0040
4898        RX    1000    1001    1002    1190    2510    2898    2899    2900
4899        RY    1121    1121    1121    1120    1120    1121    1121    1121

4900        KK     169
4901        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 169
4902        BA     .51
4903        LG     .50     .00    6.30     .27     .00
4904        UI     21.     21.     21.     35.     72.     84.    100.    110.    120.    130.
4905        UI    143.    159.    174.    209.    253.    278.    239.    210.    189.    174.
4906        UI    160.    142.    130.    117.    106.     95.     77.     61.     39.     38.
4907        UI     35.     35.     27.     21.     21.     21.      9.      7.      7.      7.
4908        UI      7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
4909        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
4910        KK   1I169
4911        KM        ADD HYDROGRAPHS AT CP169
4912        HC       2    2.80

4913        KK   2I169
4914        KM        ADD HYDROGRAPHS AT CP169
4915        HC       2    3.06
```



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


4916        KK    D168
4917        KM        RETURN DIVERT AT CP168
4918        DR   2D169

4919        KK    R168
4920        KM        ROUTE FLOW FROM CP168 TO CP169
4921        RS       9              -1       0
4922        RC     .08    .035    .035    2640   .0023
4923        RX    1000    1001    1440    1890    2100    2148    2149    2150
4924        RY    1116    1116    1114    1112    1112    1113    1113    1113

4925        KK   CP169
4926        KM        ADD HYDROGRAPHS AT CP169
4927        HC       2    5.52

4928        KK    R169
4929        KM        ROUTE FLOW FROM CP169 TO CP184
4930        RS      10              -1       0
4931        RC     .08     .04     .04    5280   .0032
4932        RX    1000    1001    1002    1020    1100    1670    2099    2100
4933        RY    1111    1111    1111    1110    1110    1112    1113    1113

4934        KK   CP184
4935        KM        ADD HYDROGRAPHS AT CP184
4936        HC       2    7.52

4937        KK    D184
4938        KM        DIVERT TO CP197 FROM CP184
4939        DT   DI197
4940        DI       0     350    1274    2834    4789    7664
4941        DQ       0     140     509    1134    1916    3066

4942        KK    D184
4943        KM        DIVERT TO CP198 FROM CP184
4944        DT   DI198
4945        DI       0     210     765    1700    2873    4598
4946        DQ       0     140     509    1134    1911    3066

4947        KK    R184
4948        KM        ROUTE REMAINDER FROM CP184 TO CP185
4949        RS       8              -1       0
4950        RC    .075     .04     .04    1400   .0007
4951        RX    1000    1001    1170    1970    2260    2308    2309    2310
4952        RY    1095    1095    1094    1092    1092    1093    1093    1093

4953        KK     170
4954        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 170
4955        BA     .29
4956        LG     .41     .04    7.38     .19    5.00
```

```
4957        UI    19.    19.    48.    77.    95.   110.   126.   148.   189.   242.
4958        UI   212.   175.   153.   130.   112.    94.    76.    49.    34.    32.
4959        UI    25.    19.    17.     6.     6.     6.     6.     6.     6.     6.
4960        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
4961        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
1                                      HEC-1 INPUT                                          PAGE113

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


4962        KK   R170
4963        KM        ROUTE FLOW FROM CP170 TO CP185
4964        RS     16              -1      0
4965        RC   .035    .035    .035   5280   .0032
4966        RX   1000    1001    1002   2100   2280   2338   2339   2340
4967        RY   1101    1101    1101   1100   1100   1101   1101   1101

4968        KK    185
4969        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 185
4970        BA    .69
4971        LG    .50     .00    4.10    .42    .00
4972        UI    30.     30.     30.    62.   105.   126.   145.   163.   176.   193.
4973        UI   216.    236.    277.   338.   395.   352.   304.   272.   248.   227.
4974        UI   202.    183.    164.   147.   129.   101.    78.    53.    52.    50.
4975        UI    48.     30.     30.    30.    19.     9.     9.     9.     9.     9.
4976        UI     9.      9.      9.     9.     9.     0.     0.     0.     0.     0.
4977        UI     0.      0.      0.     0.     0.     0.     0.     0.     0.     0.

4978        KK   1I185
4979        KM        ADD HYDROGRAPHS AT CP185
4980        HC      2     .98

4981        KK   CP185
4982        KM        ADD HYDROGRAPHS AT CP185
4983        HC      2    8.50

4984        KK    R185
4985        KM        ROUTE FLOW FROM CP185 TO CP198
4986        RS      9              -1      0
4987        RC   .075    .075    .075   5450   .0022
4988        RX   1000    1001    1090   1410   1950   2190   2219   2220
4989        RY   1086    1086    1084   1083   1083   1084   1085   1085

4990        KK    D184
4991        KM        RETURN DIVERT AT CP184
4992        DR   DI198

4993        KK    R184
4994        KM        ROUTE FLOW FROM CP184 TO CP198
4995        RS     55              -1      0
4996        RC   .075    .075    .075   6630   .0020
4997        RX   1000    1001    1025   1220   1990   2010   2099   2100
4998        RY   1085    1085    1084   1083   1083   1084   1085   1085

4999        KK    198
5000        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 198
5001        BA    .91
5002        LG    .50     .00    4.97    .38    .00
5003        UI    30.     30.     30.    30.    53.    99.   114.   131.   145.   157.
5004        UI   168.    180.    192.   208.   227.   242.   276.   331.   365.   397.
5005        UI   348.    312.    285.   263.   246.   232.   211.   195.   180.   167.
5006        UI   152.    142.    125.   105.    87.    62.    53.    53.    50.    50.
```

```
5007        UI    45.    30.    30.    30.    30.    18.     9.     9.     9.     9.
5008        UI     9.     9.     9.     9.     9.     9.     9.     9.     9.     9.
```



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

5009        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
5010        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5011        KK   1I198
5012        KM        ADD HYDROGRAPHS AT CP198
5013        HC      2    8.43

5014        KK   2I198
5015        KM        ADD HYDROGRAPHS AT CP198
5016        HC      2    9.41

5017        KK    D184
5018        KM        RETURN DIVERT AT CP184
5019        DR   DI197

5020        KK    R184
5021        KM        ROUTE FLOW FROM CP184 TO CP197
5022        RS     18              -1      0
5023        RC    .04    .04    .08   5280  .0025
5024        RX   1000   1001   1002   1015   1870   2300   2699   2700
5025        RY   1087   1087   1087   1086   1086   1088   1089   1089

5026        KK    197
5027        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 197
5028        BA   1.00
5029        LG    .50    .00   3.58    .41    .00
5030        UI    32.    32.    32.    32.    46.   106.   119.   135.   152.   164.
5031        UI   177.   187.   200.   216.   235.   250.   276.   318.   371.   423.
5032        UI   402.   355.   321.   296.   276.   259.   242.   222.   204.   191.
5033        UI   175.   161.   151.   133.   112.    93.    68.    57.    57.    53.
5034        UI    53.    52.    32.    32.    32.    32.    27.    10.    10.    10.
5035        UI    10.    10.    10.    10.    10.    10.    10.    10.    10.    10.
5036        UI    10.    10.     0.     0.     0.     0.     0.     0.     0.     0.
5037        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5038        KK   CP197
5039        KM        ADD HYDROGRAPHS AT CP197
5040        HC      2    8.52

5041        KK    R197
5042        KM        ROUTE FLOW FROM CP197 TO CP203
5043        RS      8              -1      0
5044        RC   .035   .035   .015   2650  .0004
5045        RX   1000   1001   1002   1030   1200   1350   1809   1810
5046        RY   1078   1078   1078  1077.5 1077.5   1078   1080   1080

5047        KK    203
5048        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 203
5049        BA    .11
5050        LG    .35    .38   5.29    .21    .00
5051        UI    16.    60.    92.   131.   189.   135.    96.    62.    29.    19.
5052        UI     9.     5.     5.     0.     0.     0.     0.     0.     0.     0.
5053        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
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```
5054        KK   CP203
5055        KM        ADD HYDROGRAPHS AT CP203
5056        HC       2    8.63

5057        KK   CP198
5058        KM        ADD HYDROGRAPHS AT CP198
5059        HC       2   10.52

5060        KK    R198
5061        KM        ROUTE FLOW FROM CP198 TO CP204
5062        RS       2              -1       0
5063        RC     .03    .025     .03    3120   .0029
5064        RX    1000    1050    1070    1090    1190    1220    1230    1270
5065        RY    1083    1082    1078    1076    1076    1078    1080    1083

5066        KK     204
5067        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 204
5068        BA     .27
5069        LG     .35     .37    3.85     .34     .00
5070        UI     42.    172.    257.    396.    462.    312.    214.    105.     61.     33.
5071        UI     13.     13.      0.      0.      0.      0.      0.      0.      0.      0.
5072        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5073        KK   1I204
5074        KM        ADD HYDROGRAPHS AT CP204
5075        HC       2   10.79

5076        KK     122
5077        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 122
5078        BA     .89
5079        LG     .50     .00    5.83     .32     .00
5080        UI     32.     32.     32.     32.     87.    114.    132.    153.    166.    179.
5081        UI    193.    207.    229.    247.    272.    319.    378.    428.    385.    338.
5082        UI    306.    281.    262.    243.    220.    201.    188.    167.    155.    138.
5083        UI    114.     93.     63.     57.     56.     53.     53.     36.     32.     32.
5084        UI     32.     20.     10.     10.     10.     10.     10.     10.     10.     10.
5085        UI     10.     10.     10.     10.     10.      0.      0.      0.      0.      0.
5086        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5087        KK    R122
5088        KM        ROUTE REMAINDER FROM CP122 TO CP133
5089        RS      15              -1       0
5090        RC     .05     .05    .075    5280    .004
5091        RX    1000    1001    1002    1015    1235    1600    2030    2220
5092        RY    1219    1219    1219    1218    1218    1220    1222    1224

5093        KK     121
5094        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 121
5095        BA     .50
5096        LG     .46     .09    4.03     .57     .00
5097        UI     26.     26.     31.     90.    110.    130.    147.    163.    185.    209.
5098        UI    253.    325.    328.    272.    237.    213.    189.    165.    145.    127.
5099        UI    107.     77.     49.     46.     44.     35.     26.     26.     16.      8.
5100        UI      8.      8.      8.      8.      8.      8.      8.      0.      0.      0.
```



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

5101        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
5102        KK   R121
5103        KM       ROUTE FLOW FROM CP121 TO CP131
5104        RS     7              -1       0
5105        RC   .035    .035    .075    5280   .0055
5106        RX   1000    1001    1002    1050    1115    1450    1910    1570
5107        RY   1239    1239    1239    1238    1238    1239    1240    1242

5108        KK    131
5109        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 131
5110        BA    .49
5111        LG    .50     .00    5.47     .34     .00
5112        UI    22.     22.     22.     49.     78.     94.    107.    120.    130.    143.
5113        UI   161.    177.    212.    261.    285.    241.    211.    190.    174.    157.
5114        UI   140.    127.    111.    103.     83.     63.     42.     39.     36.     36.
5115        UI    25.     22.     22.     17.      7.      7.      7.      7.      7.      7.
5116        UI     7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5117        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5118        KK   CP131
5119        KM       ADD HYDROGRAPHS AT CP131.
5120        HC     2     .99

5121        KK   D131
5122        KM       DIVERT TO CP145 FROM CP131
5123        DT   DI145
5124        DI     0      60     608    1900    3801    6042    9665
5125        DQ     0      39     491    1546    2353    4171    6841

5126        KK   R131
5127        KM       ROUTE REMAINDER FROM CP131 TO CP132
5128        RS     4              -1       0
5129        RC   .075    .035    .035    2150   .0028
5130        RX   1000    1370    1760    2150    2165    2173    2174    2175
5131        RY   1224    1222    1220    1218    1218    1219    1219    1219

5132        KK    132
5133        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 132
5134        BA    .41
5135        LG    .50     .00    4.15     .57     .00
5136        UI     19      19      19      49      70      86      98     108     118     132
5137        UI    147     169     212     248     223     191     170     155     140     124
5138        UI    112      98      89      70      55      34      34      32      30      19
5139        UI     19      19       8       6       6       6       6       6       6       6
5140        UI      6       6       0       0       0       0       0       0       0       0
5141        UI      0       0       0       0       0       0       0       0       0       0

5142        KK   CP132
5143        KM       ADD HYDROGRAPHS AT CP132
5144        HC     2     1.4
```



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


5145        KK   R132
5146        KM       ROUTE FLOW FROM CP132 TO CP133
5147        RS     5              -1       0
5148        RC    .08     .04     .04    2640    .003
5149        RX   1000    1400    1670    2050    2230    2258    2259    2260
5150        RY   1218    1216    1214    1212    1212    1213    1213    1213

5151        KK    133
```

```
5349        UI    124.    112.    100.     89.     71.     55.     35.     35.     33.     32.
5350        UI     20.     20.     20.     11.      6.      6.      6.      6.      6.      6.
5351        UI      6.      6.      6.      6.      0.      0.      0.      0.      0.      0.
5352        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5353        KK   CP178
5354        KM        ADD HYDROGRAPHS AT CP178
5355        HC       2    2.89
```



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


5356        KK    R178
5357        KM        ROUTE FLOW FROM CP178 TO CP179
5358        RS       5              -1       0
5359        RC    .075     .04     .04    2640   .0034
5360        RX    1000    1040    1560    2110    2320    2348    2349    2350
5361        RY    1137    1136    1134    1132    1132    1133    1133    1133

5362        KK   CP179
5363        KM        ADD HYDROGRAPHS AT CP179
5364        HC       2    6.94

5365        KK    R179
5366        KM        ROUTE FLOW FROM CP179 TO CP193
5367        RS       7              -1       0
5368        RC    .022    .022     .06    5280   .0040
5369        RX    1000    1001    1002    1010    1050    1070    1150    1970
5370        RY    1113    1113    1113    1112    1112    1113    1112    1118

5371        KK     192
5372        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 192
5373        BA     .50
5374        LG     .50     .00    4.18     .41     .00
5375        UI     22.     22.     22.     51.     80.     96.    110.    123.    134.    147.
5376        UI    165.    182.    219.    270.    290.    245.    215.    193.    178.    159.
5377        UI    142.    129.    114.    104.     83.     64.     41.     40.     37.     37.
5378        UI     24.     22.     22.     16.      7.      7.      7.      7.      7.      7.
5379        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5380        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5381        KK    D192
5382        KM        DIVERT TO CP209 FROM CP192
5383        DT   DI209
5384        DI       0     126     480     965    3703    6169    9453
5385        DQ       0     126     419     853    3404    5491    8154

5386        KK    D192
5387        KM        DIVERT TO CP210 FROM CP192
5388        DT   DI210
5389        DI       0      61     112     299     678    1299    2208
5390        DQ       0       0       0       0       0     433     736

5391        KK    R192
5392        KM        ROUTE REMAINDER FROM CP192 TO CP193
5393        RS       5              -1       0
5394        RC     .08    .025    .022    4950   .0044
5395        RX    1000    1380    1800    2160    2195    2230    2275    2310
5396        RY    1124    1122    1120    1118    1118    1119    1116    1119

5397        KK     193
```

```
5398    KM        RUNOFF FROM SUBBASIN 193
5399    BA     .91
5400    LG     .50     .00    3.76     .46     .00
5401    UI     36.     36.     36.     38.    117.    133.    158.    175.    193.    206.
5402    UI    225.    247.    270.    299.    353.    426.    468.    405.    357.    324.
```



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

5403    UI    297.    277.    249.    226.    209.    186.    170.    151.    122.    100.
5404    UI     63.     63.     59.     58.     50.     36.     36.     36.     25.     11.
5405    UI     11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
5406    UI     11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5407    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5408    KK   1I193
5409    KM        ADD HYDROGRAPHS AT CP193
5410    HC       2    1.41

5411    KK   CP193
5412    KM          ADD HYDROGRAPHS AT CP193
5413    HC       2    8.35

5414    KK    194A
5415    KM      BASIN 194A
5416    KM      THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
5417    KM      L=       .7  Lca=       .4   S=   26.8  Kn= .120  LAG=  54.8
5418    KM      PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
5419    BA     .25
5420    LG     .50     .00    3.75     .46     .00
5421    UI     15.     15.     32.     57.     73.     84.     95.    110.    128.    167.
5422    UI    198.    162.    138.    122.    104.     91.     77.     65.     46.     28.
5423    UI     26.     25.     15.     15.     10.      5.      5.      5.      5.      5.
5424    UI      5.      5.      0.      0.      0.      0.      0.      0.      0.      0.
5425    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5426    KK    194B
5427    KM     BASIN 194B
5428    KM      THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
5429    KM      L=       .7  Lca=       .4   S=   23.9  Kn= .120  LAG=  56.0
5430    KM      PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
5431    BA     .25
5432    LG     .50     .00    3.75     .46     .00
5433    UI     15.     15.     30.     55.     71.     81.     91.    105.    121.    158.
5434    UI    191.    167.    140.    123.    108.     92.     80.     69.     51.     34.
5435    UI     26.     25.     19.     15.     15.      5.      5.      5.      5.      5.
5436    UI      5.      5.      5.      0.      0.      0.      0.      0.      0.      0.
5437    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5438    KK  CP194B
5439    KM          ADD HYDROGRAPHS AT CP194B
5440    HC       3    8.85

5441    KK  SR194B
5442    KM          STORAGE ROUTE THROUGH 124.5-ACRE DETENTION BASIN 1 AT CP194B
5443    KM          1-8'X5' BOX CULVERT-INLET ELEVATION = 1089.5
5444    KM          300' SPILLWAY-ELEVATION = 1100.0
5445    KO       3
5446    RS       1    STOR       0       0
5447    SV       0     1.5     6.3    20.1    46.2    88.3   142.9   202.9   264.9   328.9
5448    SV   394.8   462.7   532.5   604.3   677.4   751.1
5449    SQ       0      27      80     133     187     240     294     349     403     458
```

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5450        SQ     512     567     600     600    1244    4435
5451        SE  1089.5    1090    1091    1092    1093    1094    1095    1096    1097    1098
1                                          HEC-1 INPUT                                          PAGE124

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

5452        SE    1099    1100    1101    1102    1103    1104

5453        KK   R194B
5454        KM          ROUTE DETENTION BASIN FLOWS FROM CP194B TO CP194C
5455        RS       7      -1       0
5456        RC    .016    .016    .016    2640   .0015
5457        RX    2000    2007    2013    2020    2030    2037    2043    2050
5458        RY  1099.5  1096.2  1092.8  1089.5  1089.5  1092.8  1096.2  1099.5

5459        KK    194C
5460        KM     BASIN 194C
5461        KM      THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
5462        KM      L=       1.1  Lca=       .6   S=   20.5  Kn= .120  LAG=  81.5
5463        KM      PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
5464        BA     .49
5465        LG     .50     .00    3.75     .46     .00
5466        UI     20.     20.     20.     32.     68.     80.     95.    104.    114.    123.
5467        UI    136.    150.    164.    195.    236.    267.    232.    203.    183.    167.
5468        UI    155.    138.    126.    114.    102.     94.     78.     58.     42.     36.
5469        UI     34.     33.     29.     20.     20.     20.     12.      6.      6.      6.
5470        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
5471        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5472        KK  CP194C
5473        KM          ADD HYDROGRAPHS AT CP194C
5474        HC       2    9.34

5475        KK   R194C
5476        KM          ROUTE FLOW FROM CP194C TO CP195
5477        RS       2      -1       0
5478        RC    .016    .016    .016    3750   .0016
5479        RX    2000    2007    2013    2020    2030    2037    2043    2050
5480        RY  1094.5  1091.2  1087.8  1084.5  1084.5  1087.8  1091.2  1094.5

5481        KK    D180
5482        KM        RETURN DIVERT AT CP180
5483        DR   1D195

5484        KK    R180
5485        KM        ROUTE FLOW FROM CP180 TO CP195
5486        RS      40              -1       0
5487        RC     .08     .08     .08    7050   .0031
5488        RX    1000    1001    1002    1350    2300    2448    2449    2450
5489        RY    1101    1101    1100    1099    1099    1100    1101    1101

5490        KK     195
5491        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 195
5492        BA     .49
5493        LG     .50     .00    3.51     .44     .00
5494        UI     16.     16.     16.     16.     27.     53.     61.     70.     77.     84.
5495        UI     90.     95.    102.    110.    121.    128.    145.    172.    193.    215.
5496        UI    190.    169.    154.    143.    133.    126.    115.    106.     98.     91.
5497        UI     83.     77.     70.     60.     46.     38.     29.     29.     27.     26.
5498        UI     26.     17.     16.     16.     16.     13.      5.      5.      5.      5.
5499        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      5.
1                                          HEC-1 INPUT                                          PAGE125
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

5500        UI     5.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5501        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5502        KK   1I195
5503        KM        ADD HYDROGRAPHS AT CP195
5504        HC       2    3.44

5505        KK    D181
5506        KM        RETURN DIVERT AT CP181
5507        DR   2D195

5508        KK    R181
5509        KM        ROUTE FLOW FROM CP181 TO CP195
5510        RS       4              -1       0
5511        RC    .022    .022     .07    6400   .0033
5512        RX    1000    1001    1002    1040    1055    1080    1899    1900
5513        RY    1103    1103    1103    1098    1098    1102    1103    1103

5514        KK   CP195
5515        KM        ADD HYDROGRAPHS AT CP195
5516        HC       3   13.15

5517        KK    R195
5518        KM        ROUTE REMAINDER FROM CP195 TO CP196
5519        RS       1              -1       0
5520        RC    .016    .016    .016    2800    .005
5521        RX    1000    1006    1013    1020    1030    1037    1043    1050
5522        RY    1085    1082    1078    1074    1074    1078    1082    1085

5523        KK    D182
5524        KM        RETURN DIVERT AT CP182
5525        DR   DI196

5526        KK    R182
5527        KM        ROUTE FLOW FROM CP182 TO CP196
5528        RS      13              -1       0
5529        RC    .025    .025     .04    5280   .0034
5530        RX    1000    1001    1002    1030    1060    1115    1220    1750
5531        RY    1097    1097    1097    1096    1096  1096.5  1095.5    1097

5532        KK     196
5533        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 196
5534        BA     .47
5535        LG     .46     .03    3.74     .45    2.00
5536        UI     21.     21.     21.     50.     76.     92.    106.    117.    128.    142.
5537        UI    159.    176.    215.    264.    269.    227.    200.    181.    166.    147.
5538        UI    132.    118.    106.     93.     73.     56.     38.     37.     35.     32.
5539        UI     21.     21.     21.      9.      7.      7.      7.      7.      7.      7.
5540        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5541        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

5542        KK   1I196
5543        KM        ADD HYDROGRAPHS AT CP196
5544        HC       2    6.35
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5545        KK   CP196
5546        KM        ADD HYDROGRAPHS AT CP196
5547        HC        2   16.18

5548        KK    R196
5549        KM        ROUTE REMAINDER FROM CP196 TO CP202
5550        RS        2              -1       0
5551        RC     .016    .016    .016    5460   .0005
5552        RX      994    1002    1011    1020    1030    1039    1048    1056
5553        RY     1078    1074    1069    1065    1065    1069    1074    1078

5554        KK     202
5555        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 202
5556        BA     .48
5557        LG     .50     .00    3.99     .40     .00
5558        UI     16.     16.     16.     16.     28.     52.     60.     69.     76.     83.
5559        UI     89.     95.    102.    110.    120.    128.    146.    175.    193.    209.
5560        UI    184.    165.    150.    139.    130.    122.    111.    103.     95.     88.
5561        UI     80.     75.     66.     55.     46.     33.     28.     28.     26.     26.
5562        UI     23.     16.     16.     16.     16.      9.      5.      5.      5.      5.
5563        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      5.
5564        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5565        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5566        KK   CP202
5567        KM        ADD HYDROGRAPHS AT CP202
5568        HC        2   16.66

5569        KK    R202
5570        KM        ROUTE FLOW FROM CP202 TO CP204
5571        RS        2              -1       0
5572        RC     .016    .016    .016    4200   .0005
5573        RX      968     985    1003    1020    1030    1047    1065    1082
5574        RY     1082    1073    1064    1056    1056    1064    1073    1082

5575        KK   CP204
5576        KM        ADD HYDROGRAPHS AT CP204
5577        HC        2   21.57

5578        KK    R204
5579        KM        ROUTE FLOW FROM CP204 TO CP205
5580        RS        1              -1       0
5581        RC     .016    .016    .016    1050   .0005
5582        RX      968     985    1003    1020    1030    1047    1065    1082
5583        RY     1080    1071    1062    1054    1054    1062    1071    1080
```



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


5584        KK     205
5585        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 205
5586        BA     .06
5587        LG     .35     .36    3.50     .28     .00
5588        UI     40.    117.    176.     90.     28.      9.      5.      0.      0.      0.
5589        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5590        KK   CP205
5591        KM        ADD HYDROGRAPHS AT CP205
5592        HC        2   21.63

5593        KK    R205
```

```
5594        KM        ROUTE FLOW FROM CP205 TO CP206
5595        RS      1              -1       0
5596        RC   .016    .016    .016    1100   .0005
5597        RX    972     988    1004    1020    1030    1046    1062    1078
5598        RY   1076    1068    1060    1052    1052    1060    1060    1076

5599        KK    206
5600        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 206
5601        BA    .12
5602        LG    .35     .35    4.05     .36     .00
5603        UI    30.    102.    159.    252.    175.    112.     49.     27.     10.      7.
5604        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5605        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5606        KK   CP206
5607        KM        ADD HYDROGRAPHS AT CP206
5608        HC      2   21.75

5609        KK  DCP200
5610        KM        RETURN DIVERTED FLOW INTO AGUA FRIA RIVER
5611        DR  DIC200

5612        KK  RCP206
5613        KM        ADD HYDROGRAPHS AT RCP206
5614        HC      2   43.76

5615        KK   RR206
5616        KM        RIVER ROUTE RCP206 TO RCP228A
5617        RS      1              -1       0
5618        RC   .035    .035    .035    2500   .0036
5619        RX   1000    1001    1002    1042    2042    2082    2083    2084
5620        RY   1070    1070    1070    1060    1060    1070    1070    1070

5621        KK    228A
5622        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 228A
5623        BA    .08
5624        LG    .35     .35    4.23     .44     .00
5625        UI    27.     86.    150.    170.    102.     47.     22.      7.      5.      0.
5626        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5627        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


5628        KK  RC228A
5629        KM        ADD HYDROGRAPHS AT RCP228A
5630        HC      2   43.84

5631        KK  RR228A
5632        KM        RIVER ROUTE RCP228A TO RCP245
5633        RS     11              -1       0
5634        RC   .035    .035    .035   10560   .0025
5635        RX   1000    1001    1002    1042    2042    2082    2083    2084
5636        RY   1066    1066    1066    1050    1050    1066    1066    1066

5637        KK  DR228A
5638        KM        DIVERT FLOW TEMPORARILY TO AGUA FRIA RIVER
5639        DT  DR228A
5640        DI      0    1000    2000    4000    6000    8000
5641        DQ      0    1000    2000    4000    6000    8000
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5642        KK    NONE
5643        KM        ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
5644        KM        OF STREAM NETWORK WHICH IS LIMTED TO 9 BRANCHES
5645        HC       2

5646        KK   1D192
5647        KM        RETURN DIVERTED HYDROGRAPH AT CP192
5648        DR   DI209

5649        KK    R192
5650        KM        ROUTE FLOW FROM CP192 TO CP209
5651        RS       5              -1       0
5652        RC    .035    .035     .15    5280   .0045
5653        RX    1000    1001    1002    1015    1200    1470    1840    2300
5654        RY    1111    1111    1111    1110    1110    1112    1114    1116

5655        KK     209
5656        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 209
5657        BA     .50
5658        LG     .50     .00    3.85     .46     .00
5659        UI     22.     22.     22.     51.     80.     97.    111.    123.    134.    148.
5660        UI    166.    183.    221.    273.    289.    244.    215.    193.    178.    158.
5661        UI    141.    128.    113.    103.     82.     64.     40.     40.     37.     37.
5662        UI     23.     22.     22.     14.      7.      7.      7.      7.      7.      7.
5663        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
5664        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5665        KK   CP209
5666        KM        ADD HYDROGRAPHS AT CP209
5667        HC       2     1.0

5668        KK    D209
5669        KM        DIVERT FROM CP209 TO CP221
5670        DT   1D221
5671        DI       0      39    3983   16787
5672        DQ       0      34    1666    5085
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


5673        KK    D209
5674        KM        DIVERT FROM CP209 TO CP210
5675        DT   2D210
5676        DI       0       5    2317   11702
5677        DQ       0       0     703    5354

5678        KK    R209
5679        KM        ROUTE REMAINDER FROM CP209 TO CP220
5680        RS       7              -1
5681        RC    .035    .035    .075    5280   .0040
5682        RX    1000    1001    1002    1015    1180    1560    1820    2050
5683        RY    1091    1091    1091    1090    1090    1092    1094    1095

5684        KK     220
5685        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 220
5686        BA     .50
5687        LG     .50     .00    4.13     .41     .00
5688        UI     22.     22.     22.     41.     74.     89.    103.    115.    124.    136.
5689        UI    151.    166.    189.    237.    272.    262.    224.    199.    182.    167.
5690        UI    150.    134.    122.    109.    100.     81.     62.     42.     38.     36.
5691        UI     35.     27.     22.     22.     21.      7.      7.      7.      7.      7.
```

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5692        UI     7.     7.     7.     7.     7.     7.     0.     0.     0.     0.
5693        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

5694        KK   CP220
5695        KM        ADD HYDROGRAPHS AT CP220
5696        HC       2    1.50

5697        KK    D220
5698        KM        DIVERT FROM CP220 TO CP239
5699        DT   DI239
5700        DI       0     735    9080   34764
5701        DQ       0     537    3765    9314

5702        KK    D220
5703        KM        DIVERT FROM CP220 TO CP221
5704        DT   2D221
5705        DI       0     198    5315   25450
5706        DQ       0     174    4011   17035

5707        KK    R220
5708        KM        ROUTE REMAINDER FROM CP220 TO CP238
5709        RS      15              -1
5710        RC    .035    .035    .075    5280   .0038
5711        RX    1000    1001    1002    1020    1150    1670    1869    1870
5712        RY    1033    1033    1033    1032    1032    1034    1036    1036

5713        KK     238
5714        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 238
5715        BA     .50
5716        LG     .50     .00    3.52     .47     .00
5717        UI     21.     21.     21.     34.     70.     83.     98.    108.    118.    127.
5718        UI    140.    156.    170.    204.    247.    273.    234.    206.    185.    170.
5719        UI    157.    140.    127.    115.    104.     93.     76.     60.     39.     37.
```



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

5720        UI     35.     34.     27.     21.     21.     21.      9.      6.      6.      6.
5721        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
5722        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5723        KK   CP238
5724        KM        ADD HYDROGRAPHS AT CP238
5725        HC       2     2.0

5726        KK    D238
5727        KM        DIVERT FROM CP238 TO CP250A
5728        DT  2D250A
5729        DI       0     180     568    2711    8584   18252
5730        DQ       0       0       0     184     837    2617

5731        KK    D238
5732        KM        DIVERT FROM CP238 TO CP251
5733        DT   1D251
5734        DI       0     568    2527    7747   15635
5735        DQ       0       0     522    2262    4829

5736        KK    R238
5737        KM        ROUTE REMAINDER FROM CP238 TO CP239
5738        RS       4              -1
5739        RC    .075     .02     .02    2640   .0023
5740        RX    1000    1230    1780    1790    1800    1810    1829    1830
```

```
5741        RY    1062    1060    1058    1056    1056    1058    1059    1059

5742        KK   2D192
5743        KM        RETURN DIVERTED HYDROGRAPH AT CP192
5744        DR   DI210

5745        KK    R192
5746        KM        ROUTE FLOW FROM CP192 TO CP210
5747        RS       7              -1       0
5748        RC     .15     .15     .15    5900   .0054
5749        RX    1000    1001    1002    1050    2400    2548    2549    2550
5750        RY  1113.5    1113    1113    1112    1112    1113    1113  1113.5

5751        KK     210
5752        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 210
5753        BA     .46
5754        LG     .50     .00    3.84     .52     .00
5755        UI     20.     20.     20.     42.     71.     85.     97.    110.    118.    130.
5756        UI    146.    160.    188.    230.    266.    232.    202.    180.    165.    151.
5757        UI    133.    121.    108.     97.     84.     65.     49.     36.     35.     33.
5758        UI     29.     20.     20.     20.      9.      6.      6.      6.      6.      6.
5759        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
5760        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5761        KK   1I210
5762        KM        ADD HYDROGRAPHS AT CP210
5763        HC       2     .96
```



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


5764        KK    D209
5765        KM        RETURN DIVERT AT CP209
5766        DR   2D210

5767        KK    R209
5768        KM        ROUTE FLOW FROM CP209 TO CP210
5769        RS       6              -1
5770        RC    .075    .035    .035    2560   .0030
5771        RX    1000    1001    1630    2120    2250    2268    2269    2270
5772        RY    1102    1102    1100    1098    1098    1099    1099    1099

5773        KK   CP210
5774        KM        ADD HYDROGRAPHS AT CP210
5775        HC       2    1.46

5776        KK    R210
5777        KM        ROUTE FLOW FROM CP210 TO CP221
5778        RS      14              -1
5779        RC    .035    .035    .075    5450   .0033
5780        RX    1000    1001    1002    1020    1280    1880    2469    2470
5781        RY    1083    1083    1083    1082    1082    1084    1086    1088

5782        KK    D209
5783        KM        RETURN DIVERT AT CP209
5784        DR   1D221

5785        KK    R209
5786        KM        ROUTE FLOW FROM CP209 TO CP221
5787        RS      22              -1
5788        RC    .075    .075    .075    5910   .0044
```

```
5789        RX    1000    1001    1002    1120    2150    2278    2279    2280
5790        RY    1091    1091    1091    1090    1090    1091    1091    1091

5791        KK     221
5792        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 221
5793        BA     .48
5794        LG     .50     .00    3.53     .48     .00
5795        UI     20.     20.     20.     36.     69.     82.     96.    106.    116.    126.
5796        UI    139.    154.    172.    210.    250.    258.    220.    194.    176.    162.
5797        UI    147.    132.    120.    107.     97.     84.     66.     50.     36.     35.
5798        UI     33.     33.     20.     20.     20.     15.      6.      6.      6.      6.
5799        UI      6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
5800        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5801        KK   1I221
5802        KM        ADD HYDROGRAPHS AT CP221
5803        HC       2    1.48

5804        KK   2I221
5805        KM        ADD HYDROGRAPHS AT CP221
5806        HC       2    1.94
```



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


5807        KK    D220
5808        KM        RETURN DIVERT AT CP220
5809        DR   2D221

5810        KK    R220
5811        KM        ROUTE FLOW FROM CP220 TO CP221
5812        RS       4              -1
5813        RC    .075    .035    .035    2200   .0023
5814        RX    1000    1001    1470    1870    2160    2178    2179    2180
5815        RY    1082    1082    1080    1078    1078    1081    1081    1081

5816        KK   CP221
5817        KM        ADD HYDROGRAPHS AT CP221
5818        HC       2    2.44

5819        KK    R221
5820        KM        ROUTE FLOW FROM CP221 TO CP239
5821        RS      20              -1
5822        RC    .075    .075    .075    5750   .0032
5823        RX    1000    1001    1002    1320    2850    2998    2999    2999
5824        RY    1100    1071    1071    1070    1070    1071    1071    1100

5825        KK    D220
5826        KM        RETURN DIVERT AT CP220
5827        DR   DI239

5828        KK    R220
5829        KM        ROUTE FLOW FROM CP220 TO CP239
5830        RS      21              -1
5831        RC    .075    .075    .075    5750   .0045
5832        RX    1000    1001    1002    1320    2850    2998    2999    3000
5833        RY    1071    1071    1071    1070    1070    1071    1071    1071

5834        KK     239
5835        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 239
5836        BA     .48
```

```
5837        LG    .50     .00    3.56     .47     .00
5838        UI    21.     21.     21.     41.     72.     86.    100.    112.    120.    133.
5839        UI   148.    161.    188.    231.    269.    247.    213.    191.    173.    159.
5840        UI   142.    128.    115.    104.     92.     74.     59.     37.     37.     34.
5841        UI    34.     23.     21.     21.     17.      6.      6.      6.      6.      6.
5842        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
5843        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5844        KK   1I239
5845        KM        ADD HYDROGRAPHS AT CP239
5846        HC       2    1.48

5847        KK   2I239
5848        KM        ADD HYDROGRAPHS AT CP239
5849        HC       2    2.92
```



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


5850        KK   CP239
5851        KM        ADD HYDROGRAPHS AT CP239
5852        HC       2    3.42

5853        KK    D239
5854        KM        DIVERT FROM CP239 TO CP251
5855        DT   2D251
5856        DI       0     283     389     786    3215
5857        DQ       0       0      69     333    2481

5858        KK    R239
5859        KM        ROUTE REMAINDER FROM CP239 TO CP240
5860        RS       5              -1
5861        RC     .05     .02     .02    2640   .0007
5862        RX    1000    1510    1755    1765    1775    1785    1809    1810
5863        RY    1058    1056    1054    1052    1052    1054    1055    1055

5864        KK     240
5865        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 240
5866        BA     .40
5867        LG     .50     .00    3.59     .48     .00
5868        UI     19.     19.     19.     53.     71.     89.     99.    110.    121.    136.
5869        UI    151.    180.    225.    249.    209.    182.    163.    149.    131.    117.
5870        UI    104.     92.     79.     59.     41.     34.     32.     32.     21.     19.
5871        UI     19.     11.      6.      6.      6.      6.      6.      6.      6.      6.
5872        UI      6.      0.      0.      0.      0.      0.      0.      0.      0.      0.
5873        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5874        KK   CP240
5875        KM        ADD HYDROGRAPHS AT CP240
5876        HC       2    3.82

5877        KK    R240
5878        KM        ROUTE FLOW FROM CP240 TO CP241
5879        RS       5              -1
5880        RC    .025     .02     .02    3600   .0011
5881        RX    1000    1280    1620    1745    1770    1798    1799    1800
5882        RY    1056    1054    1052    1050    1050    1051    1051    1051

5883        KK     213
5884        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 213
5885        BA     .35
```

```
5886        LG    .35     .35    3.50     .28     .00
5887        UI    31.     51.    124.     164.    197.    244.    345.    374.    285.    235.
5888        UI    189.    151.   103.     56.     52.     32.     26.     10.     10.     10.
5889        UI    10.     10.    0.       0.      0.      0.      0.      0.      0.      0.
5890        UI    0.      0.     0.       0.      0.      0.      0.      0.      0.      0.

5891        KK    R213
5892        KM        ROUTE FLOW FROM CP213 TO CP212
5893        RS      8              -1
5894        RC    .025    .022    .025    4060    .0002
5895        RX    1000    1001    1140    1220    1290    1478    1479    1480
5896        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


5897        KK    212
5898        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 212
5899        BA    .54
5900        LG    .50     .00    3.59     .49     .00
5901        UI    18.     18.    18.      18.     34.     59.     69.     80.     87.     95.
5902        UI    102.    109.   116.     127.    137.    148.    171.    205.    226.    232.
5903        UI    203.    183.   167.     155.    146.    135.    124.    114.    106.    97.
5904        UI    89.     84.    70.      57.     49.     32.     32.     31.     30.     30.
5905        UI    22.     18.    18.      18.     17.     6.      6.      6.      6.      6.
5906        UI    6.      6.     6.       6.      6.      6.      6.      6.      6.      0.
5907        UI    0.      0.     0.       0.      0.      0.      0.      0.      0.      0.
5908        UI    0.      0.     0.       0.      0.      0.      0.      0.      0.      0.

5909        KK   SR212
5910        KM        STORAGE ROUTE THROUGH CP212
5911        RS      1    STOR       0       0
5912        SV      0    2.48   13.74   26.18   63.33
5913        SQ      0       0       0     483    6314
5914        SE  1077.1    1078  1079.4    1080    1081

5915        KK   CP212
5916        KM        ADD HYDROGRAPHS AT CP212
5917        HC      2     .89

5918        KK    R212
5919        KM        ROUTE FLOW FROM CP212 TO CP221A
5920        RS     11              -1
5921        RC    .025    .022    .025    5000    .0002
5922        RX    1000    1001    1070    1090    1220    1287    1289    1290
5923        RY    1077    1077    1076    1074    1074    1079    1079    1079

5924        KK    211
5925        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 211
5926        BA    .49
5927        LG    .50     .00    3.69     .52     .00
5928        UI    21.     21.    21.      40.     72.     86.     100.    112.    121.    132.
5929        UI    147.    162.   183.     231.    264.    258.    220.    196.    178.    165.
5930        UI    147.    132.   120.     107.    98.     81.     60.     43.     37.     35.
5931        UI    35.     28.    21.      21.     21.     8.      6.      6.      6.      6.
5932        UI    6.      6.     6.       6.      6.      6.      0.      0.      0.      0.
5933        UI    0.      0.     0.       0.      0.      0.      0.      0.      0.      0.

5934        KK    R211
5935        KM        ROUTE FLOW FROM CP211 TO CP221A
5936        RS      9              -1
```

```
5937        RC    .035    .035    .075    5400    .0009
5938        RX    1000    1001    1002    1020    1100    1620    2119    2120
5939        RY    1081    1081    1081    1080    1080    1082    1084    1084
```



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

5940        KK    221A
5941        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 221A
5942        BA     .31
5943        LG     .50     .00    3.66     .53     .00
5944        UI     12.     12.     12.     12.     36.     43.     50.     57.     63.     67.
5945        UI     72.     79.     87.     94.    109.    132.    151.    145.    126.    113.
5946        UI    103.     96.     88.     80.     73.     67.     60.     56.     48.     38.
5947        UI     32.     21.     21.     20.     19.     17.     12.     12.     12.      9.
5948        UI      4.      4.      4.      4.      4.      4.      4.      4.      4.      4.
5949        UI      4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
5950        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5951        KK   1I221A
5952        KM        ADD HYDROGRAPHS AT CP221A
5953        HC       2     .80

5954        KK   SR221A
5955        KM        STORAGE ROUTE THROUGH CP221A
5956        RS       1    STOR       0       0
5957        SV       0    1.31    8.04   28.16      40
5958        SQ       0       0       0    2250    5262
5959        SE    1077    1078  1078.9    1080  1080.5

5960        KK   CP221A
5961        KM        ADD HYDROGRAPHS AT CP221A
5962        HC       2    1.69

5963        KK    R221A
5964        KM        ROUTE FLOW FROM CP221A TO CP222
5965        RS       6              -1
5966        RC    .025    .022    .022    7800    .0024
5967        RX    1000    1001    1070    1090    1220    1287    1289    1290
5968        RY    1077    1077    1076    1074    1074    1079    1079    1079

5969        KK     222
5970        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 222
5971        BA    1.10
5972        LG     .31     .35    3.59     .29   15.00
5973        UI     34.     34.     34.     34.     34.    112.    121.    135.    158.    168.
5974        UI    184.    194.    205.    219.    237.    257.    272.    305.    354.    407.
5975        UI    455.    414.    370.    337.    311.    291.    274.    257.    236.    218.
5976        UI    204.    189.    173.    163.    148.    130.     98.     87.     60.     60.
5977        UI     58.     56.     56.     47.     34.     34.     34.     34.     24.     10.
5978        UI     10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
5979        UI     10.     10.     10.     10.      0.      0.      0.      0.      0.      0.
5980        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

5981        KK    CP222
5982        KM        ADD HYDROGRAPHS AT CP222
5983        HC       2    2.79
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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5984        KK    R222
5985        KM        ROUTE FLOW FROM CP222 TO CP241
5986        RS       8              -1
5987        RC     .03     .025     .03     5770    .0022
5988        RX    1000     1100    1320     1540     2350     2470     2630     2710
5989        RY    1057     1056    1054     1052     1052     1054     1056     1057

5990        KK     226
5991        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 226
5992        BA    1.18
5993        LG     .15      .26    3.53      .34    17.00
5994        UI    134.     343.    641.     827.    1094.    1619.    1306.    1008.     765.     549.
5995        UI    283.     214.    134.      68.      41.      41.      41.       0.       0.       0.
5996        UI      0.       0.      0.       0.       0.       0.       0.       0.       0.       0.

5997        KK   SR226
5998        KM        STORAGE ROUTE THROUGH CP226
5999        RS       1    STOR       0       0
6000        SV       0    0.24    3.34   18.04    51.44   102.84   171.74
6001        SQ       0       0      21     136      428      875     1487
6002        SE  1075.2  1075.5    1076  1076.5     1077   1077.5     1078

6003        KK    R226
6004        KM        ROUTE FLOW FROM CP226 TO CP223
6005        RS      26              -1       0
6006        RC     .05     .05     .05     7840    .0011
6007        RX    1000    1200    1300     1500     1600     1800     1900     2000
6008        RY    1100  1074.5    1074     1073     1073     1074   1074.5     1100

6009        KK     201
6010        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 201
6011        BA     .34
6012        LG     .35     .35    3.56      .29      .00
6013        UI     38.     96.    180.     233.     304.     457.     381.     294.     225.     166.
6014        UI     86.     64.     40.      24.      12.      12.      12.       0.       0.       0.
6015        UI      0.      0.      0.       0.       0.       0.       0.       0.       0.       0.

6016        KK    R201
6017        KM        ROUTE FLOW FROM CP201 TO CP223
6018        RS      19              -1       0
6019        RC     .05    .035    .050     7000    .0017
6020        RX    1000    1200    1300     1500     1600     1800     1900     2000
6021        RY    1078  1074.5    1074     1073     1073     1074   1074.5     1078

6022        KK     223
6023        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 223
6024        BA    1.26
6025        LG     .12     .33    5.09      .20    72.00
6026        UI    119.    218.    491.     643.     786.    1003.    1453.    1254.     993.     797.
6027        UI    634.    465.    257.     200.     140.     112.      37.      37.      37.      37.
6028        UI     37.      0.      0.       0.       0.       0.       0.       0.       0.       0.
6029        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

6030        KK   1I223
6031        KM        ADD HYDROGRAPHS AT CP223
6032        HC       2    1.60
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6033        KK   CP223
6034        KM        ADD HYDROGRAPHS AT CP223
6035        HC       2    2.78

6036        KK    D223
6037        KM        DIVERT FROM CP223 TO CP225
6038        DT   DI225
6039        DI       0      60     400    1000    4000    8000
6040        DQ       0      60      60      60      60      60

6041        KK    R223
6042        KM        ROUTE REMAINDER FROM CP223 TO CP224
6043        RS       4              -1
6044        RC     .03    .025     .03    2900   .0017
6045        RX    1000    1120    1350    1590    1780    1960    2129    2130
6046        RY    1067    1066    1064    1063    1063    1064  1065.5  1065.5

6047        KK     224
6048        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 224
6049        BA     .80
6050        LG     .35     .32    4.03     .25     .00
6051        UI     94.    258.    469.    606.    833.   1145.    854.    655.    492.    310.
6052        UI    163.    121.     79.     29.     29.     29.     29.      0.      0.      0.
6053        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6054        KK   CP224
6055        KM        ADD HYDROGRAPHS AT CP224
6056        HC       2    3.58

6057        KK    R224
6058        KM        ROUTE FLOW FROM CP224 TO CP241
6059        RS       7              -1
6060        RC     .03    .025     .03    5460   .0027
6061        RX    1000    1100    1320    1540    2350    2470    2630    2710
6062        RY    1057    1056    1054    1052    1052    1054    1056    1057

6063        KK     241
6064        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 241
6065        BA    1.51
6066        LG     .38     .28    4.04     .40     .00
6067        UI    133.    206.    513.    682.    817.   1005.   1376.   1635.   1253.   1036.
6068        UI    834.    673.    488.    276.    223.    162.    133.     50.     41.     41.
6069        UI     41.     41.      0.      0.      0.      0.      0.      0.      0.      0.
6070        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

6071        KK   1I241
6072        KM        ADD HYDROGRAPHS AT CP241
6073        HC       2    5.09

6074        KK   2I241
6075        KM        ADD HYDROGRAPHS AT CP241
6076        HC       2    7.88

6077        KK   CP241
6078        KM        ADD HYDROGRAPHS AT CP241
6079        HC       2    11.7

6080        KK   SR241
```

```
6081        KM        STORAGE ROUTE THROUGH CP241
6082        RS      1    STOR       0       0
6083        SV      0     .09     .65     .94    8.45   16.94
6084        SQ      0       4     280     324    1773    7505
6085        SE 1042.2    1044    1046  1046.3    1048    1049

6086        KK    R241
6087        KM        ROUTE FLOW FROM CP241 TO CP253
6088        RS      4              -1
6089        RC   .075     .03    .075    5700   .0039
6090        RX   1000    1001    1440    1565    1585    1700    2324    2325
6091        RY   1030    1030    1028    1026    1026    1028    1030    1030

6092        KK     253
6093        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 253
6094        BA    1.00
6095        LG     .50     .00    3.82     .43     .00
6096        UI     42.     42.     42.     67.    140.    164.    195.    214.    235.    253.
6097        UI    280.    310.    339.    406.    491.    545.    470.    413.    371.    341.
6098        UI    314.    280.    255.    230.    207.    188.    153.    119.     80.     73.
6099        UI     70.     68.     56.     42.     42.     42.     20.     13.     13.     13.
6100        UI     13.     13.     13.     13.     13.     13.     13.     13.      0.      0.
6101        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6102        KK   1I253
6103        KM        ADD HYDROGRAPHS AT CP253
6104        HC      2   12.70

6105        KK    253A
6106        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 253A
6107        BA     .25
6108        LG     .32     .33    4.04     .37     .00
6109        UI     29.     75.    139.    179.    239.    349.    274.    211.    160.    111.
6110        UI     57.     43.     29.     12.      9.      9.      9.      0.      0.      0.
6111        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


6112        KK   R253A
6113        KM        ROUTE FLOW FROM CP253A TO CP253
6114        RS     10              -1
6115        RC   .075    .075    .075    2800   .0030
6116        RX   1000    1001    1010    1110    1320    1480    1709    1710
6117        RY   1027    1027    1026    1025    1025    1026    1027    1027

6118        KK   2I253
6119        KM        ADD HYDROGRAPHS AT CP253
6120        HC      2   12.95

6121        KK    250A
6122        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 250A
6123        BA     .51
6124        LG     .50     .00    3.59     .47     .00
6125        UI     20.     20.     20.     25.     67.     77.     92.    102.    111.    120.
6126        UI    130.    145.    157.    178.    220.    251.    257.    221.    196.    179.
6127        UI    165.    152.    136.    125.    113.    102.     94.     78.     59.     44.
6128        UI     36.     35.     33.     33.     20.     20.     20.     18.      6.      6.
6129        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
6130        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6131        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
KK    D238
KM        RETURN DIVERT AT CP238
DR  2D250A

KK    R238
KM        ROUTE FLOW FROM CP238 TO CP250A
RS      20              -1
RC     .02    .035    .075    5280   .0030
RX    1000    1030    1050    1070    1220    1580    1839    1040
RY    1051    1050    1051    1050    1050    1052    1054    1054

KK  CP250A
KM        ADD HYDROGRAPHS AT CP250A
HC       2    2.51

KK   D250A
KM        DIVERT FROM CP250A TO CP266
DT   1D266
DI       0     825    2507    4608    9754
DQ       0       0    1091    2426    4520

KK   R250A
KM        ROUTE REMAINDER FROM CP250A TO CP251
RS       3              -1
RC    .075     .03     .03    2550   .0031
RX    1000    1001    1440    1650    1680    1708    1709    1710
RY    1043    1043    1042    1040    1040    1041    1041    1041
```



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

KK    D238
KM        RETURN DIVERT AT CP238
DR   1D251

KK    R238
KM        ROUTE FLOW FROM CP238 TO CP251
RS      42              -1
RC    .075    .075    .075    5910   .0041
RX    1000    1001    1002    1120    2210    2488    2489    2490
RY    1047    1047    1047    1046    1046    1047    1047    1047

KK     251
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 251
BA     .50
LG     .50     .00    3.53     .48     .00
UI     21.     21.     21.     34.     70.     83.     98.    108.    118.    127.
UI    141.    156.    171.    204.    248.    273.    234.    206.    185.    170.
UI    157.    140.    127.    115.    104.     93.     75.     60.     38.     37.
UI     35.     34.     27.     21.     21.     21.      9.      6.      6.      6.
UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK   1I251
KM        ADD HYDROGRAPHS AT CP251
HC       2    2.50

KK    D239
KM        RETURN DIVERT AT CP239
DR   2D251
```

```
6180        KK    R239
6181        KM        ROUTE FLOW FROM CP239 TO CP251
6182        RS      6              -1
6183        RC    .035    .035    .075    5280    .0034
6184        RX    1000    1001    1002    1055    1095    1770    1959    1960
6185        RY    1049    1049    1049    1048    1048    1050    1051    1051

6186        KK   2I251
6187        KM        ADD HYDROGRAPHS AT CP251
6188        HC      2    3.92

6189        KK   CP251
6190        KM        ADD HYDROGRAPHS AT CP251
6191        HC      2    4.43

6192        KK    D251
6193        KM        DIVERT FROM CP251 TO CP266
6194        DT   2D266
6195        DI      0      70     825    2936
6196        DQ      0      48     687    2384
```



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

6197        KK    R251
6198        KM        ROUTE REMAINDER FROM CP251 TO CP252
6199        RS      6              -1
6200        RC    .075    .035    .035    2640    .0019
6201        RX    1000    1001    1240    1880    1970    1998    1999    2000
6202        RY    1039    1039    1038    1036    1036    1037    1037    1037

6203        KK     252
6204        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 252
6205        BA     .50
6206        LG     .50     .00    4.45     .40     .00
6207        UI     21.     21.     21.     33.     69.     81.     97.    106.    116.    125.
6208        UI    138.    153.    167.    199.    241.    272.    237.    207.    187.    171.
6209        UI    158.    141.    128.    116.    104.     96.     79.     59.     43.     37.
6210        UI     35.     34.     30.     21.     21.     21.     13.      6.      6.      6.
6211        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
6212        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6213        KK   CP252
6214        KM        ADD HYDROGRAPHS AT CP252
6215        HC      2    4.93

6216        KK    D252
6217        KM        DIVERT FROM CP252 TO CP267
6218        DT   DI267
6219        DI      0      67    2745    5417   10449
6220        DQ      0      66    2582    5037    8991

6221        KK    R252
6222        KM        ROUTE REMAINDER FROM CP252 TO CP253
6223        RS     11              -1
6224        RC    .075    0.35    .035    2900    .0028
6225        RX    1000    1001    1002    1910    1930    1958    1959    1960
6226        RY    1032    1032    1030    1028    1028    1029    1029    1029

6227        KK   CP253
```

```
6228        KM        ADD HYDROGRAPHS AT CP253
6229        HC      2   14.46

6230        KK   SR253
6231        KM        STORAGE ROUTE THROUGH CP253
6232        RS      1    STOR       0       0
6233        SV      0    .045    3.58   16.31   29.98   43.46   60.96
6234        SQ      0       2     190     380    1145    3731    6823
6235        SE 1021.1    1022    1024  1025.3    1026  1026.5    1027

6236        KK    R253
6237        KM        ROUTE FLOW FROM CP253 TO CP268
6238        RS      7              -1
6239        RC   .075     .03    .075    5280   .0023
6240        RX   1000    1001    1002    1400    1520    2630    2629    2628
6241        RY   1100    1022    1022    1020    1020    1022    1022    1100
1                                          HEC-1 INPUT                                                    PAGE142

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


6242        KK     268
6243        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 268
6244        BA     .95
6245        LG     .50     .00    5.00     .38     .00
6246        UI     36.     36.     36.     36.    116.    134.    158.    176.    196.    209.
6247        UI    226.    247.    273.    295.    346.    413.    479.    436.    381.    343.
6248        UI    314.    291.    269.    240.    222.    201.    182.    169.    141.    109.
6249        UI     86.     64.     64.     60.     60.     43.     36.     36.     36.     20.
6250        UI     11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
6251        UI     11.     11.      0.      0.      0.      0.      0.      0.      0.      0.
6252        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6253        KK   1I268
6254        KM        ADD HYDROGRAPHS AT CP268
6255        HC      2   15.41

6256        KK   D250A
6257        KM        RETURN DIVERT AT CP250A
6258        DR   1D266

6259        KK   R250A
6260        KM        ROUTE FLOW FROM CP250A TO CP266
6261        RS     15              -1
6262        RC    .03     .03    .075    6230   .0034
6263        RX   1000    1001    1002    1060    1110    1838    1839    1840
6264        RY   1031    1031    1031    1030    1030    1032    1032    1032

6265        KK     266
6266        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 266
6267        BA     .33
6268        LG     .50     .00    3.50     .47     .00
6269        UI     12.     12.     12.     12.     28.     40.     46.     54.     59.     64.
6270        UI     68.     73.     79.     87.     94.    108.    131.    145.    150.    130.
6271        UI    116.    106.     98.     92.     85.     77.     71.     65.     59.     55.
6272        UI     48.     39.     34.     21.     21.     20.     19.     19.     13.     12.
6273        UI     12.     12.      8.      4.      4.      4.      4.      4.      4.      4.
6274        UI      4.      4.      4.      4.      4.      4.      0.      0.      0.      0.
6275        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6276        KK   1I266
6277        KM        ADD HYDROGRAPHS AT CP266
```

```
6278        HC      2    2.84

6279        KK    D251
6280        KM        RETURN DIVERT AT CP251
6281        DR   2D266

6282        KK    R251
6283        KM        ROUTE FLOW FROM CP251 TO CP266
6284        RS      6              -1
6285        RC    .03     .03    .075    5280   .0025
6286        RX   1000    1001    1002    1060    1110    1838    1839    1840
6287        RY   1100    1031    1031    1030    1030    1032    1032    1032
```



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


6288        KK   CP266
6289        KM        ADD HYDROGRAPHS AT CP266
6290        HC      2    4.76

6291        KK    D266
6292        KM        DIVERT FROM CP266 TO CP283
6293        DT   DI283
6294        DI      0     231     647    1811    5693
6295        DQ      0      38      73     203    1051

6296        KK    R266
6297        KM        ROUTE REMAINDER FROM CP266 TO CP267
6298        RS      4              -1
6299        RC   .075    .035    .035    2500   .0036
6300        RX   1000    1001    1002    1680    1890    1908    1909    1910
6301        RY   1100    1021    1021    1020    1020    1021    1021    1100

6302        KK    D252
6303        KM        RETURN DIVERT AT CP252
6304        DR   DI267

6305        KK    R252
6306        KM        ROUTE FLOW FROM CP252 TO CP267
6307        RS      8              -1
6308        RC    .02     .03    .075    5280   .0032
6309        RX   1000    1020    1050    1065    1085    1590    1919    1920
6310        RY   1027    1026    1027    1026    1026    1028    1029    1029

6311        KK     267
6312        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 267
6313        BA    .50
6314        LG    .50     .00    5.36     .36     .00
6315        UI    21.     21.     21.     33.     69.     81.     97.    106.    116.    125.
6316        UI   138.    153.    167.    199.    241.    272.    237.    207.    187.    171.
6317        UI   158.    141.    128.    116.    104.     96.     79.     59.     43.     37.
6318        UI    35.     34.     30.     21.     21.     21.     13.      6.      6.      6.
6319        UI     6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
6320        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6321        KK   1I267
6322        KM        ADD HYDROGRAPHS AT CP267
6323        HC      2    5.43

6324        KK   CP267
6325        KM        ADD HYDROGRAPHS AT CP267
```

```
6326        HC      2    5.76

6327        KK    D267
6328        KM        DIVERT FROM CP267 TO CP284
6329        DT   DI284
6330        DI      0     5.4     506    3382
6331        DQ      0     5.4     412    1981
1                                   HEC-1 INPUT                                                    PAGE144

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


6332        KK    R267
6333        KM        ROUTE REMAINDER FROM CP267 TO CP268
6334        RS      5              -1
6335        RC   .075    .035    .035    2350   .0013
6336        RX   1000    1001    1220    1600    1890    1928    1929    1930
6337        RY   1017    1017    1016    1014    1014    1015    1015    1015

6338        KK   CP268
6339        KM        ADD HYDROGRAPHS AT CP268
6340        HC      2   16.24                                                                      KK

6341        KK   SR268
6342        KM        STORAGE ROUTE THROUGH CP268
6343        RS      1    STOR       0       0
6344        SV      0    7.04   46.85   92.08  124.01
6345        SQ      0       0     288    3172    8930
6346        SE 1008.3  1009.3    1011    1012  1012.5

6347        KK    R268
6348        KM        ROUTE FLOW FROM CP268 TO CP286
6349        RS     11              -1
6350        RC   .075     .05    .075    6700   .0031
6351        RX   1000    1001    1260    1650    2410    2870    2059    2060
6352        RY   1003    1003    1002    1000    1000    1002    1004    1004

6353        KK     286
6354        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 286
6355        BA    .70
6356        LG    .50     .00    5.06     .37     .00
6357        UI    30.     30.     30.     53.    101.    120.    141.    156.    170.    185.
6358        UI   205.    226.    253.    312.    367.    375.    320.    283.    256.    236.
6359        UI   214.    191.    175.    155.    141.    121.     93.     71.     53.     51.
6360        UI    49.     46.     30.     30.     30.     19.      9.      9.      9.      9.
6361        UI     9.      9.      9.      9.      9.      9.      9.      0.      0.      0.
6362        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6363        KK   1I286
6364        KM        ADD HYDROGRAPHS AT CP286
6365        HC      2   16.94

6366        KK     288
6367        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 288
6368        BA    .22
6369        LG    .50     .00    7.50     .19     .00
6370        UI     8.      8.      8.      8.     27.     31.     37.     41.     46.     49.
6371        UI    53.     58.     64.     69.     82.     98.    112.    100.     88.     79.
6372        UI    72.     67.     62.     56.     51.     46.     42.     39.     32.     24.
6373        UI    18.     15.     15.     14.     14.      9.      8.      8.      8.      3.
6374        UI     3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
6375        UI     3.      3.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
6376        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
```



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

6377        KK   R288
6378        KM       ROUTE FLOW FROM CP288 TO CP286
6379        RS     3              -1
6380        RC   .035    .035    .075    1500   .0033
6381        RX   1000    1001    1002    1040    1055    1280    1849    1850
6382        RY    997     997     997     996     996     998    1000    1000

6383        KK   CP286
6384        KM       ADD HYDROGRAPHS AT CP286
6385        HC     2   17.16

6386        KK   R286
6387        KM       ROUTE FLOW FROM CP286 TO CP287
6388        RS     2              -1
6389        RC   .075    .075    .075    1100   .0027
6390        RX   1000    1001    1210    1510    1950    2360    2529    2530
6391        RY   1000     993     992     990     990     992     993    1000

6392        KK    287
6393        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 287
6394        BA    .23
6395        LG    .50     .00    3.77     .38     .00
6396        UI    15.     15.     39.     63.     77.     89.    103.    121.    158.    194.
6397        UI   165.    138.    120.    102.     87.     74.     56.     36.     27.     25.
6398        UI    18.     15.     11.      5.      5.      5.      5.      5.      5.      5.
6399        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6400        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6401        KK   1I287
6402        KM       ADD HYDROGRAPHS AT CP287
6403        HC     2   17.39

6404        KK   D266
6405        KM       RETURN DIVERT AT CP266
6406        DR   DI283

6407        KK   R266
6408        KM       ROUTE FLOW FROM CP266 TO CP283
6409        RS    12              -1
6410        RC   .03     .03    .075    5900   .0017
6411        RX   1000    1001    1002    1030    1050    1240    1479    1480
6412        RY   1021    1021    1021    1020    1020    1022    1023    1023

6413        KK    283
6414        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 283
6415        BA    .16
6416        LG    .50     .00    3.52     .47     .00
6417        UI     7.      7.      7.     12.     23.     28.     32.     36.     39.     42.
6418        UI    47.     52.     58.     72.     84.     85.     73.     65.     58.     54.
6419        UI    49.     44.     40.     35.     32.     28.     21.     16.     12.     12.
6420        UI    11.     10.      7.      7.      7.      4.      2.      2.      2.      2.
6421        UI     2.      2.      2.      2.      2.      2.      2.      0.      0.      0.
6422        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```


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

```
KK   CP283
KM       ADD HYDROGRAPHS AT CP283
HC     2    4.92

KK    R283
KM       ROUTE FLOW FROM CP283 TO CP285B
RS     5              -1
RC   .075    .075    .075    1100   .0045
RX   1000    1001    1002    1070    1700    1748    1849    1850
RY   1001    1001    1001    1000    1000    1001    1001    1001

KK    285B
KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 285B
BA    .06
LG    .50     .00    3.50     .47     .00
UI     7.     20.     36.     47.     65.     86.     63.     48.     36.     21.
UI    12.      9.      5.      2.      2.      2.      0.      0.      0.      0.
UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK  CP285B
KM       ADD HYDROGRAPHS AT CP285B
HC     2    4.98

KK  SR285B
KM       STORAGE ROUTE THROUGH CP285B
RS     1    STOR       0       0
SV     0      .7    5.68    7.84    10.0
SQ     0      16     227     435    1468
SE  1005.5  1006.9  1009.5  1010.0  1011.0

KK   D285B
KM       DIVERT FROM CP285B TO CP297
DT   DI297
DI     0      16     227     435
DQ     0      16     227     274

KK   R285B
KM       ROUTE REMAINDER FROM CP285B TO CP285A
RS     7              -1
RC   .075    .035    .035    1072   .0009
RX   1000    1001    1002    1280    1550    1598    1599    1600
RY   1011    1011    1011    1010    1010    1015    1015    1015

KK    D267
KM       RETURN DIVERT AT CP267
DR   DI284

KK    R267
KM       ROUTE FLOW FROM CP267 TO CP284
RS     9              -1
RC   .025    .025     .05    6080   .0008
RX   1000    1001    1002    1040    1060    1190    1740    1940
RY   1013    1013    1013    1012    1012    1014    1016    1017
```



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

KK     284
KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 284
```

```
6470        BA     .52
6471        LG     .50     .00    3.56     .46     .00
6472        UI     21.     21.     21.     33.     71.     84.    100.    110.    120.    130.
6473        UI    143.    158.    173.    204.    247.    282.    248.    216.    195.    178.
6474        UI    165.    148.    133.    122.    108.    100.     84.     63.     47.     38.
6475        UI     37.     35.     33.     21.     21.     21.     15.      7.      7.      7.
6476        UI      7.      7.      7.      7.      7.      7.      7.      7.      0.      0.
6477        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6478        KK   CP284
6479        KM        ADD HYDROGRAPHS AT CP284
6480        HC       2    6.28

6481        KK   SR284
6482        KM        STORAGE ROUTE THROUGH CP284
6483        RS       1    STOR       0       0
6484        SV       0     .18   25.77  34.058   60.22   83.97
6485        SQ       0       0       0       0     457    2222
6486        SE  1007.6    1008    1010  1010.3    1011  1011.5

6487        KK    R284
6488        KM        ROUTE FLOW FROM CP284 TO CP285A
6489        RS       2              -1
6490        RC    .075    .075    .075    1050   .0076
6491        RX    1000    1001    1002    1020    1440    1448    1449    1450
6492        RY    1050    1009    1009    1008    1008    1009    1009    1050

6493        KK    285A
6494        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 285A
6495        BA     .06
6496        LG     .50     .00    3.50     .47     .00
6497        UI      7.     18.     33.     43.     57.     84.     66.     51.     38.     27.
6498        UI     14.     10.      7.      3.      2.      2.      2.      0.      0.      0.
6499        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6500        KK  1I285A
6501        KM        ADD HYDROGRAPHS AT CP285A
6502        HC       2    6.34

6503        KK  CP285A
6504        KM        ADD HYDROGRAPHS AT CP285A
6505        HC       2    6.56

6506        KK  SR285A
6507        KM        STORAGE ROUTE THROUGH CP285A
6508        RS       1    STOR       0       0
6509        SV       0     .13    4.35    4.40    5.19    6.89   15.46
6510        SQ       0      35     193   196.5   246.5   925.5    3914
6511        SE   999.7  1000.7 1005.47  1005.5  1006.0  1006.5  1007.5
```



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


6512        KK   D285A
6513        KM        DIVERT FROM CP285A TO CP297A
6514        DT  1D297A
6515        DI       0      35     193     196     246     925
6516        DQ       0      35     193     196     218     237

6517        KK   R285A
6518        KM        ROUTE REMAINDER FROM CP285A TO CP285
```

```
6519    RS      2              -1
6520    RC    .07     .02    .025    1745   .0029
6521    RX   1000    1001    1530    1540    1550    1560    1570    1610
6522    RY   1010     999     998     996     996     998    1000    1010

6523    KK    285
6524    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 285
6525    BA    .04
6526    LG    .50     .00    3.50     .47     .00
6527    UI     5.     14.     25.     32.     46.     58.     42.     32.     23.     12.
6528    UI     8.      5.      3.      1.      1.      1.      0.      0.      0.      0.
6529    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6530    KK   CP285
6531    KM        ADD HYDROGRAPHS AT CP285
6532    HC      2    6.60

6533    KK   SR285
6534    KM        STORAGE ROUTE THROUGH CP285
6535    RS      1    STOR       0       0
6536    SV      0     .17    1.61    4.19
6537    SQ      0      82     694    1687
6538    SE 1002.8    1003  1003.5    1004

6539    KK    D285
6540    KM        DIVERT FROM CP285 TO CP297A
6541    DT  2D297A
6542    DI      0      82     694    1687
6543    DQ      0      23     188     462

6544    KK    R285
6545    KM        ROUTE REMAINDER  FROM CP285 TO CP287
6546    RS      2              -1       0
6547    RC   .075     .02    .025    2460   .0061
6548    RX   1000    1001    1530    1540    1550    1560    1570    1610
6549    RY    999     999     998     996     996     998    1000    1010

6550    KK   CP287
6551    KM        ADD HYDROGRAPHS AT CP287
6552    HC      2   18.23
```



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


6553    KK   SR287
6554    KM        STORAGE ROUTE THROUGH CP287
6555    RS      1    STOR       0       0
6556    SV      0   14.18   61.23  266.05  356.54  502.54
6557    SQ      0     373    2288    4167    5000    6570
6558    SE    988     990     992     994   994.5  995.23

6559    KK    R287
6560    KM        ROUTE FLOW FROM CP287 TO CP298
6561    RS      5              -1       0
6562    RC    .05     .03     .05    4370   .0023
6563    RX   1000    1200    1380    1500    1890    2090    2330    2560
6564    RY    990     988     986     984     984     986     988     990

6565    KK    298
6566    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 298
6567    BA    .84
```

```
6568    LG    .50     .00    3.53     .46     .00
6569    UI    40.     40.     40.    105.    146.    181.    203.    225.    247.    277.
6570    UI   306.    360.    445.    521.    449.    388.    347.    316.    282.    250.
6571    UI   224.    199.    175.    137.    102.     70.     68.     65.     54.     40.
6572    UI    40.     36.     12.     12.     12.     12.     12.     12.     12.     12.
6573    UI    12.     12.      0.      0.      0.      0.      0.      0.      0.      0.
6574    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6575    KK   CP298
6576    KM        ADD HYDROGRAPHS AT CP298
6577    HC       2   19.07

6578    KK   SR298
6579    KM        STORAGE ROUTE THROUGH CP298
6580    RS       1    STOR       0       0
6581    SV       0     .08    7.03    9.28   32.19   53.97
6582    SQ       0       0       0       0    2881    8075
6583    SE   975.5     976     978   978.3     980     981

6584    KK    R298
6585    KM        ROUTE FLOW FROM CP298 TO CP316
6586    RS       6              -1       0
6587    RC     .05     .03     .05    5280    .003
6588    RX    1000    1100    1210    1410    1830    2030    2140    2310
6589    RY     980     978     976     974     974     976     978     980

6590    KK     316
6591    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 316
6592    BA     .82
6593    LG     .50     .00    3.57     .42     .00
6594    UI     33.     33.     33.     43.    108.    125.    151.    165.    181.    195.
6595    UI    212.    236.    255.    293.    363.    410.    409.    352.    314.    286.
6596    UI    264.    243.    217.    198.    180.    163.    147.    121.     94.     65.
6597    UI     58.     55.     54.     48.     33.     33.     33.     24.     10.     10.
6598    UI     10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
6599    UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6600    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


6601    KK   CP316
6602    KM        ADD HYDROGRAPHS AT CP316
6603    HC       2   19.89

6604    KK    R316
6605    KM        ROUTE FLOW FROM CP316 TO CP334
6606    RS       4              -1       0
6607    RC     .06     .03     .06    3280    .003
6608    RX    1000    1360    1570    1590    1780    2070    2280    2400
6609    RY     966   960.5     961     960     960     962     964     965

6610    KK     334
6611    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 334
6612    BA     .64
6613    LG     .50     .00    3.57     .43     .00
6614    UI     30.     30.     30.     76.    109.    133.    151.    167.    182.    204.
6615    UI    227.    259.    327.    382.    351.    300.    267.    243.    219.    194.
6616    UI    176.    153.    140.    115.     86.     57.     53.     49.     49.     30.
6617    UI     30.     30.     16.      9.      9.      9.      9.      9.      9.      9.
6618    UI      9.      9.      9.      0.      0.      0.      0.      0.      0.      0.
```

```
6619        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6620        KK   1I334
6621        KM        ADD HYDROGRAPHS AT CP334
6622        HC       2   20.53

6623        KK    D285
6624        KM        RETURN DIVERT AT CP285
6625        DR  2D297A

6626        KK    R285
6627        KM        ROUTE FLOW FROM CP285 TO CP297A
6628        RS       5              -1       0
6629        RC     .03     .03     .07    3950    .003
6630        RX    1000    1001    1002    1020    1050    1460    1819    1820
6631        RY    1050     997     997     996     996     998     999    1050

6632        KK   D285A
6633        KM        RETURN DIVERT AT 285A
6634        DR  1D297A

6635        KK   R285A
6636        KM        ROUTE FLOW FROM CP285A TO CP297A
6637        RS       5              -1       0
6638        RC     .03     .03     .07    4370   .0041
6639        RX    1000    1001    1002    1020    1050    1460    1819    1820
6640        RY   997.5     997     997     996     996     998     999     999

6641        KK    297A
6642        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 297A
6643        BA     .27
6644        LG     .50     .00    3.50     .47     .00
6645        UI     14.     14.     17.     48.     59.     70.     79.     88.    100.    112.
6646        UI    136.    175.    178.    147.    128.    115.    102.     89.     78.     69.
```



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

6647        UI     58.     42.     26.     25.     23.     19.     14.     14.      9.      4.
6648        UI      4.      4.      4.      4.      4.      4.      4.      0.      0.      0.
6649        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6650        KK  1I297A
6651        KM        ADD HYDROGRAPHS AT CP297A
6652        HC       2    6.83

6653        KK  CP297A
6654        KM        ADD HYDROGRAPHS AT CP297A
6655        HC       2    6.87

6656        KK   R297A
6657        KM        ROUTE FLOW FROM CP297A TO CP315
6658        RS      19              -1
6659        RC    .075    .075    .075    5620   .0032
6660        RX    1000    1001    1002    1090    1910    2148    2149    2150
6661        RY    1000     985     985     984     984     985     985    1000

6662        KK     315
6663        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 315
6664        BA     .47
6665        LG     .50     .00    3.56     .47     .00
6666        UI     18.     18.     18.     18.     59.     67.     79.     88.     98.    104.
```

```
6667        UI    113.    124.    136.    148.    175.    209.    239.    214.    188.    168.
6668        UI    155.    144.    131.    119.    109.     99.     90.     82.     69.     52.
6669        UI     39.     32.     31.     30.     30.     19.     18.     18.     18.      7.
6670        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
6671        UI      6.      6.      0.      0.      0.      0.      0.      0.      0.      0.
6672        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6673        KK   CP315
6674        KM        ADD HYDROGRAPHS AT CP315
6675        HC       2    7.34

6676        KK    R315
6677        KM        ROUTE FLOW FROM CP315 TO CP334
6678        RS      11              -1
6679        RC     .06     .06     .06    4370   .0046
6680        RX    1000    1001    1002    1130    2070    2208    2209    2210
6681        RY     963     963     963     962     962     963     963     963

6682        KK   CP334
6683        KM        ADD HYDROGRAPHS AT CP334
6684        HC       2   21.27

6685        KK    R334
6686        KM        ROUTE FLOW FROM CP334 TO CP335
6687        RS       2              -1
6688        RC     .04     .02     .04    3450   .0035
6689        RX    1000    1380    1430    1450    1465    1470    1540    2040
6690        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


6691        KK     335
6692        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 335
6693        BA     .35
6694        LG     .50     .00    4.39     .39     .00
6695        UI     18.     18.     20.     61.     75.     89.    100.    111.    126.    141.
6696        UI    169.    214.    234.    194.    168.    150.    134.    117.    104.     91.
6697        UI     78.     59.     40.     32.     30.     29.     18.     18.     16.      6.
6698        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
6699        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6700        KK   CP335
6701        KM        ADD HYDROGRAPHS AT CP335
6702        HC       2   21.62

6703        KK    R335
6704        KM        ROUTE FLOW FROM CP335 TO CP336B
6705        RS       1              -1
6706        RC     .05    .035     .05    1350    .012
6707        RX    1000    1001    1002    1020    1120    1138    1139    1140
6708        RY     935     935     935     930     930     935     935     935

6709        KK    336B
6710        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336B
6711        BA     .08
6712        LG     .35     .35    4.07     .36     .00
6713        UI     83.    262.    198.     57.     13.      0.      0.      0.      0.      0.
6714        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6715        KK   CP336B
```

```
6716        KM        ADD HYDROGRAPHS AT CP336B
6717        HC      2   21.70

6718        KK   R336B
6719        KM        ROUTE FLOW FROM CP336B TO CP364A
6720        RS      3              -1       0
6721        RC    .025    .025    .025    1250   .0048
6722        RX    1000    1001    1015    1030    1340    1380    1430    1510
6723        RY     921     921     920     918     918     921     919     920

6724        KK     299
6725        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 299
6726        BA     .40
6727        LG     .50     .00    4.62     .40     .00
6728        UI     19.     19.     19.     49.     69.     84.     95.    106.    115.    129.
6729        UI    144.    166.    207.    243.    217.    186.    166.    151.    136.    120.
6730        UI    109.     95.     86.     68.     53.     33.     33.     31.     29.     19.
6731        UI     19.     19.      7.      6.      6.      6.      6.      6.      6.      6.
6732        UI      6.      6.      0.      0.      0.      0.      0.      0.      0.      0.
6733        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


6734        KK    R299
6735        KM        ROUTE FLOW FROM CP299 TO CP317
6736        RS     21              -1
6737        RC    .06     .06     .06    5460   .0033
6738        RX    1000    1001    1002    1420    1840    2220    2514    2515
6739        RY     980     980     980     978     978     980     982     982

6740        KK     317
6741        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 317
6742        BA     .57
6743        LG     .50     .00    3.52     .47     .00
6744        UI     22.     22.     22.     25.     73.     84.    100.    111.    122.    130.
6745        UI    142.    157.    171.    190.    226.    272.    292.    252.    223.    202.
6746        UI    186.    172.    155.    140.    130.    115.    106.     93.     73.     59.
6747        UI     40.     40.     37.     37.     29.     22.     22.     22.     13.      7.
6748        UI      7.      7.      7.      7.      7.      7.      7.      7.      7.      7.
6749        UI      7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6750        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6751        KK   CP317
6752        KM        ADD HYDROGRAPHS AT CP317
6753        HC      2     .97

6754        KK    R317
6755        KM        ROUTE FLOW FROM CP317 TO CP336
6756        RS     13              -1
6757        RC    .04     .02     .04   12170   .0032
6758        RX    1000    1070    1170    1210    1270    1290    1410    1450
6759        RY     944     942     940     938     938     940     942     943

6760        KK     300
6761        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 300
6762        BA     .39
6763        LG     .50     .00    6.36     .30     .00
6764        UI     22.     22.     39.     80.    101.    118.    132.    150.    172.    208.
6765        UI    271.    278.    227.    197.    176.    152.    133.    114.     97.     72.
6766        UI     46.     39.     37.     29.     22.     22.      9.      7.      7.      7.
```

```
6767    UI     7.     7.     7.     7.     0.     0.     0.     0.     0.     0.
6768    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

6769    KK   R300
6770    KM       ROUTE FLOW FROM CP300 TO CP318
6771    RS     21            -1
6772    RC    .05    .05    .05   5620   .0028
6773    RX   1000   1001   1002   1190   1800   2268   2269   2270
6774    RY    975    975    975    974    974    976    976    976

6775    KK    318
6776    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 318
6777    BA    .62
6778    LG    .27    .14   3.66    .39  12.00
6779    UI    43.    43.   119.   181.   222.   254.   299.   354.   475.   537.
6780    UI   428.   363.   313.   264.   222.   183.   124.    76.    71.    58.
6781    UI    43.    36.    13.    13.    13.    13.    13.    13.    13.    0.
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LINE    ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

6782    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
6783    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

6784    KK   CP318
6785    KM       ADD HYDROGRAPHS AT CP318
6786    HC     2   1.01

6787    KK   R318
6788    KM       ROUTE FLOW FROM CP318 TO CP337
6789    RS     4            -1
6790    RC    .03    .03    .03   2000   .0029
6791    RX   1000   1001   1280   1440   2180   2420   2469   2470
6792    RY   1063   1063   1062   1061   1061   1062   1063   1063

6793    KK    301
6794    KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 301
6795    BA    .30
6796    LG    .24    .28   5.79    .23  10.00
6797    UI    80.   269.   424.   644.   427.   263.   110.    61.    17.    17.
6798    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
6799    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

6800    KK   R301
6801    KM       ROUTE FLOW FROM CP301 TO CP319
6802    RS    24            -1
6803    RC    .05    .05    .05   6240   .0024
6804    RX   1000   1001   1002   1250   2020   2280   2349   2350
6805    RY    973    973    972    970    970    972    973    973

6806    KK    319
6807    KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 319
6808    BA    .54
6809    LG    .23    .18   3.50    .40  14.00
6810    UI    45.    61.   167.   225.   268.   324.   414.   570.   471.   383.
6811    UI   317.   259.   208.   140.    80.    74.    48.    44.    14.    14.
6812    UI    14.    14.    14.     0.     0.     0.     0.     0.     0.     0.
6813    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

6814    KK   CP319
6815    KM       ADD HYDROGRAPHS AT CP319
6816    HC     2    .84
```

```
6817    KK    R319
6818    KM        ROUTE FLOW FROM CP319 TO CP337
6819    RS      6              -1
6820    RC    .03     .03     .03    2400   .0027
6821    RX   1000    1001    1280    1440    2180    2420    2469    2470
6822    RY   1063    1063    1062    1061    1061    1062    1063    1063

6823    KK     337
6824    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 337
6825    BA    .49
6826    LG    .19     .30    3.60     .33   23.50
6827    UI    68.    238.    378.    519.    803.    624.    455.    319.    156.    101.
6828    UI    61.     21.     21.     21.      0.      0.      0.      0.      0.      0.
```



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

6829    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6830    KK   CP337
6831    KM        ADD HYDROGRAPHS AT CP337
6832    HC       3    2.34

6833    KK   SR337
6834    KM        STORAGE ROUTE THROUGH CP337
6835    RS       1    STOR       0       0
6836    SV       0     .06    3.14   15.08   45.28  110.59  221.78  290.44  449.81
6837    SQ       0      10     100     250     370     380     383     383    8928
6838    SE   951.3     952     954     956     958     960     962   962.8     964

6839    KK    D337
6840    KM        DIVERT FLOW IN 96" STORM DRAIN TO AGUA FRIA RIVER AT CP367
6841    DT   DI367
6842    DI       0      10     100     250     370     380     383     383    8928
6843    DQ       0      10     100     250     370     380     383     383     383

6844    KK    R337
6845    KM        ROUTE FLOW FROM CP337 TO CP336
6846    RS      11              -1
6847    RC    .03     .03     .03    9830   .0034
6848    RX   1000    1080    1130    1240    1660    1770    1810    1830
6849    RY   1057    1056    1054    1052    1052    1054    1056    1057

6850    KK     336
6851    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336
6852    BA   1.28
6853    LG    .43     .05    3.50     .43   13.50
6854    UI    32.     32.     32.     32.     32.     32.     98.    107.    124.    135.
6855    UI   150.    159.    171.    179.    188.    197.    208.    222.    237.    250.
6856    UI   264.    291.    330.    380.    408.    429.    386.    352.    326.    305.
6857    UI   288.    272.    260.    248.    230.    215.    203.    193.    181.    168.
6858    UI   159.    150.    135.    124.     94.     93.     63.     57.     57.     56.
6859    UI    53.     53.     53.     40.     32.     32.     32.     32.     32.     20.
6860    UI    10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
6861    UI    10.     10.     10.     10.     10.     10.     10.     10.     10.      0.
6862    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6863    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6864    KK   1I336
6865    KM        ADD HYDROGRAPHS AT CP336
6866    HC       2    3.62
```

```
6867        KK   CP336
6868        KM        ADD HYDROGRAPHS AT CP336
6869        HC       2    4.59

6870        KK   SR336
6871        KM        STORAGE ROUTE THROUGH CP336
6872        RS       1    STOR       0       0
6873        SV       0     .54    1.72    4.49    5.79   15.91   32.49
6874        SQ       0    1400    2075    2335    2414    2800    8534
6875        SE   922.3     930     932   932.8     933     934     935
```



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


6876        KK    336A
6877        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336A
6878        BA     .37
6879        LG     .51     .02    3.86     .44    2.00
6880        UI      9.      9.      9.      9.      9.      9.     25.     30.     34.     37.
6881        UI     42.     44.     47.     50.     52.     55.     58.     61.     65.     69.
6882        UI     72.     79.     88.    101.    107.    122.    116.    105.     97.     90.
6883        UI     85.     80.     76.     73.     69.     64.     60.     57.     54.     51.
6884        UI     47.     45.     42.     38.     35.     27.     26.     18.     16.     16.
6885        UI     16.     15.     15.     15.     12.      9.      9.      9.      9.      9.
6886        UI      8.      3.      3.      3.      3.      3.      3.      3.      3.      3.
6887        UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
6888        UI      3.      0.      0.      0.      0.      0.      0.      0.      0.      0.
6889        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6890        KK  CP336A
6891        KM        ADD HYDROGRAPHS AT CP336A
6892        HC       2    4.96

6893        KK   R336A
6894        KM        ROUTE FLOW FROM CP336A TO CP364A
6895        RS       2              -1
6896        RC     .03     .02     .03    4210   .0056
6897        RX    1000    1020    1025    1030    1070    1100    1180    1310
6898        RY    1050    1030    1028    1026    1026  1028.5    1027    1050

6899        KK    364A
6900        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 364A
6901        BA     .07
6902        LG     .35     .35    3.50     .28     .00
6903        UI     10.     33.     53.     71.    112.     90.     66.     47.     24.     15.
6904        UI     10.      3.      3.      3.      0.      0.      0.      0.      0.      0.
6905        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6906        KK  1I364A
6907        KM        ADD HYDROGRAPHS AT CP364A
6908        HC       2    5.03

6909        KK  CP364A
6910        KM        ADD HYDROGRAPHS AT CP364A
6911        HC       2   26.73

6912        KK   R364A
6913        KM        ROUTE FLOW FROM CP364A TO CP364
6914        RS       5              -1
6915        RC    .075    .035    .035    3400   .0015
```

```
6916        RX    1000    1001    1270    1800    2070    2088    2089    2090
6917        RY     917     917     916     914     914     915     915     915
```



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

6918        KK     365
6919        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 365
6920        BA     .38
6921        LG     .50     .00    4.11     .73     .00
6922        UI     22.     22.     37.     78.     98.    114.    128.    145.    167.    200.
6923        UI    261.    272.    222.    192.    172.    148.    130.    111.     96.     71.
6924        UI     47.     38.     36.     29.     22.     22.      9.      7.      7.      7.
6925        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
6926        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6927        KK    R365
6928        KM        ROUTE FLOW FROM CP365 TO CP364
6929        RS      26              -1
6930        RC    .035    .035    .075    7020   .0017
6931        RX    1000    1001    1015    1140    1560    1700    2009    2010
6932        RY     915     915     914   913.5   913.5     914     915     915

6933        KK     364
6934        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 364
6935        BA     .78
6936        LG     .50     .00    4.22     .43     .00
6937        UI     37.     37.     37.     99.    136.    169.    190.    210.    230.    258.
6938        UI    286.    338.    418.    484.    415.    359.    321.    293.    261.    231.
6939        UI    207.    184.    161.    125.     92.     65.     63.     61.     49.     37.
6940        UI     37.     31.     11.     11.     11.     11.     11.     11.     11.     11.
6941        UI     11.     11.      0.      0.      0.      0.      0.      0.      0.      0.
6942        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6943        KK   1I364
6944        KM        ADD HYDROGRAPHS AT CP364
6945        HC       2    1.16

6946        KK   CP364
6947        KM        ADD HYDROGRAPHS AT CP364
6948        HC       2   27.89

6949        KK    D364
6950        KM        DIVERT TEMPORARILY FROM CP364 TO GILA RIVER
6951        DT  DIGILA
6952        DI       0    5000
6953        DQ       0    5000

6954        KK    NONE
6955        KM        ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
6956        KM        OF STREAM NETWORK WHICH IS LIMTED TO 9 BRANCHES
6957        HC       2

6958        KK     314
6959        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 314
6960        BA     .42
6961        LG     .50     .00    3.50     .47     .00
6962        UI     20.     20.     20.     51.     72.     89.    101.    111.    122.    136.
6963        UI    151.    176.    219.    257.    227.    195.    174.    158.    142.    126.
6964        UI    114.    100.     90.     71.     54.     35.     34.     32.     29.     20.
```

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

6965        UI     20.     20.      7.      6.      6.      6.      6.      6.      6.      6.
6966        UI      6.      6.      0.      0.      0.      0.      0.      0.      0.      0.
6967        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6968        KK    R314
6969        KM        ROUTE FLOW FROM CP314 TO CP333
6970        RS      25              -1
6971        RC    .075    .075    .075    5770   .0040
6972        RX    1000    1001    1200    1690    2100    2788    2789    2790
6973        RY     967     967     966     964     964     966     966     966

6974        KK     333
6975        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 333
6976        BA     .58
6977        LG     .50     .00    3.50     .47     .00
6978        UI     26.     26.     26.     59.     93.    112.    128.    143.    156.    172.
6979        UI    192.    212.    256.    316.    336.    283.    249.    224.    206.    184.
6980        UI    164.    149.    132.    119.     95.     75.     46.     46.     43.     43.
6981        UI     27.     26.     26.     17.      8.      8.      8.      8.      8.      8.
6982        UI      8.      8.      8.      8.      0.      0.      0.      0.      0.      0.
6983        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

6984        KK   CP333
6985        KM        ADD HYDROGRAPHS AT CP333
6986        HC       2     1.0

6987        KK    R333
6988        KM        ROUTE FLOW FROM CP333 TO  CP348A
6989        RS       8              -1
6990        RC     .06     .04     .06    2700   .0048
6991        RX    1000    1001    1005    1600    2210    2560    2900    3020
6992        RY     947     947     946     944     944     946     948     949

6993        KK    348A
6994        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 348A
6995        BA     .22
6996        LG     .50     .00    3.62     .46     .00
6997        UI     17.     18.     61.     81.     97.    115.    138.    190.    211.    164.
6998        UI    138.    114.     95.     77.     52.     30.     28.     20.     17.      8.
6999        UI      5.      5.      5.      5.      5.      0.      0.      0.      0.      0.
7000        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7001        KK  CP348A
7002        KM        ADD HYDROGRAPHS AT CP348A
7003        HC       2    1.22

7004        KK   R348A
7005        KM        ROUTE FLOW FROM CP348A TO CP348B
7006        RS       4              -1
7007        RC     .03     .03     .075    4050   .0077
7008        RX    1000    1005    1010    1040    1100    1370    1450    1470
7009        RY  1032.5  1032.5    1032    1030    1030    1032    1034  1034.5
```



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

7010        KK    348B
7011        KM        RUNOFF FROM SUBBASIN 348B
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```
7012        BA     .66
7013        LG     .49     .04    3.59     .45     .00
7014        UI     24.     24.     24.     24.     60.     82.     94.    110.    120.    130.
7015        UI    138.    150.    163.    178.    192.    223.    268.    303.    293.    257.
7016        UI    230.    211.    196.    184.    166.    153.    140.    128.    117.    109.
7017        UI     92.     72.     60.     42.     42.     39.     39.     36.     24.     24.
7018        UI     24.     24.      9.      7.      7.      7.      7.      7.      7.      7.
7019        UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
7020        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7021        KK  CP348B
7022        KM        ADD HYDROGRAPHS AT CP348B
7023        HC       2    1.88

7024        KK  SR348B
7025        KM        STORAGE ROUTE BEHIND S.P.R.R. AT CP348B
7026        RS       1    STOR       0       0
7027        SV       0     .08    8.33   14.16   23.37
7028        SQ       0      50     285     778    4586
7029        SE   908.5   910.1     914     915     916

7030        KK   R348B
7031        KM        ROUTE FLOW FROM CP348B TO CP363
7032        RS      10              -1       0
7033        RC    .075     .06    .075    3100   .0029
7034        RX    1000    1001    1040    1200    2040    2180    2239    2240
7035        RY     907     907     906     905     905     906     907     907

7036        KK     363
7037        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 363
7038        BA     .63
7039        LG     .50     .00    3.71     .46     .00
7040        UI     23.     23.     23.     23.     68.     84.     98.    112.    122.    132.
7041        UI    142.    154.    170.    183.    207.    252.    286.    303.    262.    234.
7042        UI    213.    196.    183.    166.    152.    139.    127.    116.    106.     90.
7043        UI     67.     53.     41.     41.     38.     38.     28.     23.     23.     23.
7044        UI     15.      7.      7.      7.      7.      7.      7.      7.      7.      7.
7045        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
7046        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7047        KK   1I363
7048        KM        ADD HYDROGRAPHS AT CP363
7049        HC       2    2.51

7050        KK     348
7051        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 348
7052        BA     .34
7053        LG     .50     .00    3.70     .45     .00
7054        UI     20.     20.     35.     71.     90.    104.    117.    133.    153.    187.
7055        UI    244.    239.    196.    171.    152.    131.    114.     98.     83.     60.
7056        UI     37.     34.     33.     22.     20.     18.      6.      6.      6.      6.
7057        UI      6.      6.      6.      6.      0.      0.      0.      0.      0.      0.
```



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

7058        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7059        KK   SR348
7060        KM        STORAGE ROUTE BEHIND SOUTHERN PACIFIC RAILROAD
7061        RS       1    STOR       0       0
7062        SV       0       0     .72    2.12   15.51   22.03
```

```
7063        SQ      0      .5       5       9    3101    5661
7064        SE  906.6   907.6     908   908.3   909.6     910

7065        KK   D348
7066        KM        DIVERT FROM CP348 TO CP347
7067        DT  DI347
7068        DI      0    3083    5640
7069        DQ      0       0     165

7070        KK   R348
7071        KM        ROUTE REMAINDER FROM CP348 TO CP363
7072        RS      8              -1
7073        RC   .075     .06    .075    1600   .0025
7074        RX   1000    1001    1040    1200    2040    2180    2239    2240
7075        RY    907     907     906     905     905     906     907     907

7076        KK  CP363
7077        KM        ADD HYDROGRAPHS AT CP363
7078        HC      2    2.85

7079        KK   R363
7080        KM        ROUTE FLOW FROM CP363 TO CP362
7081        RS     10              -1
7082        RC   .075    .075    .075    3350   .0015
7083        RX   1000    1001    1002    1300    2040    2628    2629    2630
7084        RY    950     903     903     902     902     904     904     950

7085        KK    362
7086        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 362
7087        BA    .42
7088        LG    .50     .00    4.38     .42     .00
7089        UI    23.     23.     31.     79.     98.    115.    130.    144.    166.    188.
7090        UI   242.    290.    263.    222.    195.    175.    152.    135.    116.    101.
7091        UI    76.     51.     41.     38.     34.     23.     23.     17.      7.      7.
7092        UI     7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
7093        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7094        KK  1I362
7095        KM        ADD HYDROGRAPHS AT CP362
7096        HC      2    3.27

7097        KK  D285B
7098        KM        RETURN DIVERT AT CP285B
7099        DR  DI297
```



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


7100        KK  R285B
7101        KM        ROUTE FLOW FROM CP285B TO CP297
7102        RS     24              -1
7103        RC   .075    .075    .075    4210   .0040
7104        RX   1000    1001    1002    1500    2200    2658    2659    2660
7105        RY    998     998     998     996     996     998     998     998

7106        KK    297
7107        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 297
7108        BA    .38
7109        LG    .50     .00    3.50     .47     .00
7110        UI    16.     16.     16.     27.     54.     64.     75.     83.     91.     98.
7111        UI   108.    120.    133.    159.    195.    206.    176.    155.    140.    129.
```

```
7112        UI   118.    105.     96.     86.     77.     69.     55.     43.     28.     28.
7113        UI    26.     26.     18.     16.     16.     15.      5.      5.      5.      5.
7114        UI     5.      5.      5.      5.      5.      5.      5.      0.      0.      0.
7115        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7116        KK   CP297
7117        KM        ADD HYDROGRAPHS AT CP297
7118        HC       2    5.36

7119        KK   SR297
7120        KM        STORAGE ROUTE THROUGH CP297
7121        RS       1    STOR       0       0
7122        SV       0   12.78   129.9  397.18  596.18  803.38  825.63
7123        SQ       0       0       0       0       0       0     555
7124        SE   932.9     940     960     980     990   999.1  1000.0

7125        KK    R297
7126        KM        ROUTE FLOW FROM CP297 TO CP313
7127        RS       7              -1
7128        RC     .07     .03     .07    5930   .0040
7129        RX    1000    1001    1270    1510    1710    2218    2219    2220
7130        RY     982     982     980     978     978     980     980     980

7131        KK     313
7132        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 313
7133        BA     .43
7134        LG     .50     .00    3.50     .47     .00
7135        UI     17.     17.     17.     21.     56.     64.     77.     85.     93.    100.
7136        UI    109.    121.    131.    148.    181.    209.    219.    187.    166.    151.
7137        UI    139.    129.    115.    105.     96.     86.     80.     67.     51.     40.
7138        UI     30.     30.     28.     28.     18.     17.     17.     17.      5.      5.
7139        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      5.
7140        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7141        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7142        KK   CP313
7143        KM        ADD HYDROGRAPHS AT CP313
7144        HC       2    5.79
```



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


7145        KK    R313
7146        KM        ROUTE FLOW FROM CP313 TO CP332
7147        RS      14              -1
7148        RC    .075    .035    .035    6000   .0042
7149        RX    1000    1070    1390    1560    1870    1888    1889    1890
7150        RY     965     964     962     960     960     961     961     961

7151        KK     332
7152        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 332
7153        BA     .56
7154        LG     .46     .03     .37     .44    2.00
7155        UI     23.     23.     23.     33.     75.     88.    106.    116.    126.    137.
7156        UI    149.    166.    180.    210.    255.    296.    272.    237.    211.    193.
7157        UI    179.    162.    146.    134.    119.    109.     95.     75.     60.     40.
7158        UI     40.     37.     37.     26.     23.     23.     23.      8.      7.      7.
7159        UI      7.      7.      7.      7.      7.      7.      7.      7.      7.      0.
7160        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7161        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
7162        KK   CP332
7163        KM        ADD HYDROGRAPHS AT CP332
7164        HC       2    6.35

7165        KK    R332
7166        KM        ROUTE FLOW FROM CP332 TO CP347
7167        RS      19              -1
7168        RC    .075     .06    .075    5770   .0062
7169        RX    1000    1001    1070    1300    2000    2150    2169    2170
7170        RY     942     942     940     938     938     940     942     942

7171        KK     347
7172        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 347
7173        BA    1.02
7174        LG     .46     .03    3.76     .44    2.00
7175        UI     45.     45.     45.     96.    158.    190.    218.    245.    264.    290.
7176        UI    326.    357.    422.    517.    592.    511.    445.    399.    366.    332.
7177        UI    295.    267.    238.    215.    185.    141.    104.     80.     77.     74.
7178        UI     62.     45.     45.     45.     17.     14.     14.     14.     14.     14.
7179        UI     14.     14.     14.     14.     14.      0.      0.      0.      0.      0.
7180        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7181        KK   1I347
7182        KM        ADD HYDROGRAPHS AT CP347
7183        HC       2    7.37

7184        KK    D348
7185        KM        RETURN DIVERT AT CP348
7186        DR   DI347
```



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


7187        KK    R348
7188        KM        ROUTE FLOW FROM CP348 TO CP347
7189        RS       7              -1       0
7190        RC    .035    .035     .07    2000   .0003
7191        RX    1000    1001    1002    1130    1260    1500    1919    1920
7192        RY   911.8   911.8   911.8   908.8   908.8     910     911     912

7193        KK   CP347
7194        KM        ADD HYDROGRAPHS AT CP347
7195        HC       2    7.71

7196        KK   SR347
7197        KM        STORAGE ROUTE THROUGH CP347
7198        RS       1    STOR       0       0
7199        SV       0     .04      .1     .12     .26   58.75  156.65
7200        SQ       0      11      14      23     370    7710   38388
7201        SE   904.4   905.2   905.5     906   908.1     910   911.2

7202        KK    R347
7203        KM        ROUTE FLOW FROM CP347 TO CP362
7204        RS       9              -1
7205        RC    .075    .075    .075    2650   .0026
7206        RX    1000    1001    1002    1300    2040    2628    2629    2630
7207        RY     903     903     903     902     902     904     904     904

7208        KK   CP362
7209        KM        ADD HYDROGRAPHS AT CP362
7210        HC       2   10.64
```

```
7211        KK   SR362
7212        KM        STORAGE ROUTE THROUGH CP362
7213        RS       1    STOR       0       0
7214        SV       0    1.34   39.55   47.85   76.85  115.71
7215        SQ       0       0       0      47     761   10373
7216        SE   899.1     900   901.8     902   902.5   903.5

7217        KK    R362
7218        KM        ROUTE FLOW FROM CP362 TO CP378B
7219        RS      20              -1
7220        RC    .075    .075    .075    6400   .0017
7221        RX    1000    1001    1002    1200    2950    2978    2979    2980
7222        RY     925     897     897     896     896     897     897     925

7223        KK    378B
7224        KM          RUNOFF HYDROGRAPH FROM SUB-BASIN    378B
7225        BA     .46
7226        LG     .50     .00    4.16     .77     .00
7227        UI     26.     26.     26.     26.     48.     86.     99.    115.    126.    137.
7228        UI    146.    156.    167.    183.    197.    212.    244.    294.    322.    337.
7229        UI    295.    264.    242.    225.    210.    197.    180.    165.    154.    141.
7230        UI    129.    121.    103.     84.     74.     46.     46.     45.     43.     43.
7231        UI     33.     26.     26.     26.     26.      9.      8.      8.      8.      8.
7232        UI      8.      8.      8.      8.      8.      8.      8.      8.      8.      8.
7233        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

7234        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7235        KK   1I378B
7236        KM        ADD HYD. AT CP378B
7237        HC       2    11.1

7238        KK   ESTGIL
7239        KM        RETREIVE DIVERTED FLOW AT GILA RIVER @ CP378B
7240        DR   1D378G

7241        KK   CP378B
7242        KM        ADD HYD. AT CPC78B
7243        HC       2   57.25

7244        KK    D378B
7245        KM        DIVERT TEMPORARILY FROM CP378B TO GILA RIVER
7246        DT   2D378G
7247        DI       0   20000
7248        DQ       0   20000

7249        KK     NONE
7250        KM        ARTIFICIALLY ADD ZERO REMAINED HYD. TO MAKE ROOM FOR SCHEMATIC DIAGRAM
7251        KM        OF STREAM NETWORK WHICH IS LIMTED TO 9 BRANCHES
7252        HC       2

7253        KK    D223
7254        KM        RETURN DIVERT AT CP223
7255        DR   DI225

7256        KK    R223
7257        KM        ROUTE DIVERT FROM CP223 TO CP225
7258        RS      13              -1       0
```

```
7259        RC     .07     .035     .07     5680    .0028
7260        RX     515     790      960     990     1010    1070    1225    1300
7261        RY      74      70       69      68      68      72      74      76

7262        KK     225
7263        KM        RUNOFF FROM SUBBASIN 225
7264        BA     .43
7265        LG     .30     .33     3.63     .31     4.00
7266        UI     39.     67.     156.     206.    250.    311.    448.    450.    347.    284.
7267        UI    227.    179.     112.     68.     59.     39.     25.     12.     12.     12.
7268        UI     12.     12.      0.      0.      0.      0.      0.      0.      0.      0.
7269        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7270        KK    1I225
7271        KM        ADD HYDROGRAPHS AT CP225
7272        HC       2     .43

7273        KK    225A
7274        KM        RUNOFF FROM SUBBASIN 225A
7275        BA     .37
7276        LG     .35     .35     3.91     .25     .00
7277        UI     38.     82.     169.     219.    275.    386.    456.    340.    271.    210.
7278        UI    153.     82.      64.     41.     28.     12.     12.     12.     12.      0.
```



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

7279        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7280        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7281        KK    CP225
7282        KM        ADD HYDROGRAPHS AT CP225
7283        HC       2     .80

7284        KK    SR225
7285        KM        STORAGE ROUTE THROUGH LITCHFIELD PARK DETENTION FACILITY
7286        KO       3
7287        RS       1    STOR       0       0
7288        SV       0     .15     4.51    15.36   32.82   74.75  118.94  130.82  143.56  173.50
7289        SQ       0       2       7      15      43      82     110     116    1359    6554
7290        SE  1058.8    1059    1060    1061    1062    1064    1066  1066.5    1067    1068

7291        KK     R225
7292        KM        ROUTE REMAINDER FROM CP225 TO CP242
7293        RS      11              -1       0
7294        RC     .06     .03     .06    6480    .0033
7295        RX     800     930     955     995    1005    1020    1360    1525
7296        RY    1064    1060    1058    1057    1057    1058    1060    1064

7297        KK     242
7298        KM        RUNOFF FROM SUBBASIN 242
7299        BA    1.14
7300        LG     .35     .35     3.76     .31     .00
7301        UI     80.     80.     231.     342.    419.    482.    568.    680.    927.    974.
7302        UI    774.    661.     564.     477.    398.    316.    198.    141.    132.     92.
7303        UI     80.     49.      25.      25.     25.     25.     25.     25.      0.      0.
7304        UI      0.      0.       0.       0.      0.      0.      0.      0.      0.      0.

7305        KK    1I242
7306        KM        ADD HYDROGRAPHS AT CP242
7307        HC       2    1.94
```

```
7308        KK    242A
7309        KM        RUNOFF FROM SUBBASIN 242A
7310        BA     .09
7311        LG     .35      .35     4.25      .39      .00
7312        UI     42.     128.     232.     165.      81.      30.      10.       7.       0.       0.
7313        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7314        KK   R242A
7315        KM        ROUTE FLOW FROM CP242A TO CP242
7316        RS      4                -1        0
7317        RC    .04     .022      .04     5240    .0036
7318        RX    970      975      980     1000     1020     1040     1045     1050
7319        RY   1056     1056     1055     1050     1050     1055     1056     1056

7320        KK   CP242
7321        KM        ADD HYDROGRAPHS AT CP242.
7322        HC      2     2.03
```



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


7323        KK    R242
7324        KM        ROUTE FLOWS FROM CP242 TO CP243B
7325        RS      1                -1        0
7326        RC    .04     .022      .04     1500    .0036
7327        RX    970      975      980     1000     1030     1050     1055     1060
7328        RY   1045     1045     1044     1039     1039     1044     1045     1045

7329        KK    243B
7330        KM        RUNOFF FROM SUBBASIN 243B
7331        BA     .07
7332        LG     .50      .00     4.04      .42      .00
7333        UI      4.       4.      10.      18.      22.      25.      29.      34.      41.      55.
7334        UI     53.      43.      38.      33.      28.      24.      20.      15.       9.       8.
7335        UI      7.       5.       4.       3.       1.       1.       1.       1.       1.       1.
7336        UI      1.       0.       0.       0.       0.       0.       0.       0.       0.       0.
7337        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7338        KK  CP243B
7339        KM        ADD HYDROGRAPHS AT CP243B
7340        HC      2     2.10

7341        KK   R243B
7342        KM        ROUTE FLOWS FROM CP243B TO CP243A
7343        RS      1                -1        0
7344        RC    .04     .022      .04       50    .0036
7345        RX    970      975      980     1000     1030     1050     1055     1060
7346        RY   1044     1044     1043     1038     1038     1043     1044     1044

7347        KK    243A
7348        KM        RUNOFF FROM SUBBASIN 243A
7349        BA     .22
7350        LG     .37      .15     4.14      .39     5.00
7351        UI     22.      42.      91.     118.     147.     192.     268.     211.     169.     134.
7352        UI    106.      69.      38.      33.      22.      13.       7.       7.       7.       7.
7353        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
7354        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7355        KK  CP243A
7356        KM        ADD HYDROGRAPHS AT CP243A
7357        HC      2     2.32
```

```
7358        KK   R243A
7359        KM        ROUTE FLOWS FROM CP243A TO CP243
7360        RS      2              -1       0
7361        RC    .04    .022     .04    3700   .0036
7362        RX    960     970     980    1000    1040    1060    1065    1070
7363        RY   1035    1035    1034    1029    1029    1034    1035    1035

7364        KK    227
7365        KM        RUNOFF FROM SUBBASIN 227
7366        BA    .23
7367        LG    .32     .34    3.77     .33    3.00
7368        UI    34.    132.    200.    294.    397.    277.    195.    117.     58.     36.
7369        UI    14.     10.     10.      0.      0.      0.      0.      0.      0.      0.
```



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

7370        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7371        KK   R227
7372        KM        ROUTE FLOWS FROM CP227 TO CP229
7373        RS      6              -1       0
7374        RC    .02    .045     .07    4400   .0061
7375        RX   1000    1010    1020    1040    1055    1150    1275    1325
7376        RY  1050.9  1050.5  1050.5    1050    1050    1052    1054    1056

7377        KK    228
7378        KM        RUNOFF FROM SUBBASIN 228
7379        BA    .28
7380        LG    .35     .36    3.58     .29     .00
7381        UI    34.     96.    172.    224.    319.    402.    293.    222.    164.     91.
7382        UI    57.     37.     20.     10.     10.     10.      0.      0.      0.      0.
7383        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7384        KK   R228
7385        KM        ROUTE FLOWS FROM CP228 TO CP229
7386        RS      5              -1       0
7387        RC    .02    .045     .07    3550   .0061
7388        RX   1000    1010    1020    1040    1055    1150    1275    1325
7389        RY  1050.9  1050.5  1050.5    1050    1050    1052    1054    1056

7390        KK    229
7391        KM        RUNOFF FROM SUBBASIN 229
7392        BA    .51
7393        LG    .33     .34    4.11     .37    2.00
7394        UI    86.    338.    507.    805.    853.    577.    387.    174.    107.     51.
7395        UI    25.     25.      0.      0.      0.      0.      0.      0.      0.      0.
7396        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7397        KK   CP229
7398        KM        ADD HYDROGRAHS AT CP229
7399        HC      3    1.02

7400        KK   D229
7401        KM        DIVERT FLOW FROM CP229 TO CP230
7402        DT   1D230
7403        DI      0     612    1224    2470    3990    4952
7404        DQ      0     133     265     750    1379    2121

7405        KK   D229
7406        KM        DIVERT FLOW FROM CP229 TO CP231
```

```
7407        DT   DI231
7408        DI       0     523    1047    1970    3071    3538
7409        DQ       0     133     265     750    1379    2121

7410        KK    R229
7411        KM        ROUTE REMAINDER FROM CP229 TO CP230A
7412        RS       4              -1       0
7413        RC     .03    .035     .07    2100   .0011
7414        RX    1000    1005    1010    1020    1040    1050    1060    1140
7415        RY    1047    1047  1046.5    1046    1046    1047    1048    1050
```



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


7416        KK    230A
7417        KM        RUNOFF FROM SUBBASIN 230A
7418        BA     .18
7419        LG     .35     .35    4.03     .36     .00
7420        UI     54.    177.    293.    390.    243.    133.     55.     25.     11.     11.
7421        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7422        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7423        KK  CP230A
7424        KM        ADD HYDROGRAPHS AT CP230A
7425        HC       2    1.20

7426        KK   D230A
7427        KM        DIVERT FLOW FROM CP230A TO CP230
7428        DT   2D230
7429        DI       0      26     221     743    1717    3247    5429
7430        DQ       0      17     190     653    1515    2867    4799

7431        KK   R230A
7432        KM        ROUTE REMAINDER FROM CP230A TO CP244A
7433        RS      10              -1       0
7434        RC     .07    .045     .07    1400  .00043
7435        RX    1000    1005    1010    1040    1110    1150    1275    1400
7436        RY    1046    1046    1046  1043.5    1044    1046    1047    1048

7437        KK    244A
7438        KM        RUNOFF FROM SUBBASIN 244A
7439        BA     .31
7440        LG     .35     .35    4.08     .36     .00
7441        UI     78.    267.    414.    654.    451.    288.    123.     69.     24.     18.
7442        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7443        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7444        KK  CP244A
7445        KM        ADD HYDROGRAPHS AT CP244A
7446        HC       2    1.51

7447        KK   R244A
7448        KM        ROUTE FLOWS FROM CP244A TO CP244
7449        RS       5              -1       0
7450        RC     .05     .05     .05    1650  .00625
7451        RX    1000    1200    1400    1700    2175    3000    3160    3300
7452        RY    1040    1039    1038    1036    1036    1038    1039    1040

7453        KK     244
7454        KM        RUNOFF FROM SUBBASIN 244
7455        BA     .19
```

```
7456        LG    .50     .00    3.69     .43     .00
7457        UI    15.     15.     52.     70.     84.     99.    119.    163.    182.    142.
7458        UI   120.     99.     82.     67.     46.     26.     25.     18.     15.      7.
7459        UI     5.      5.      5.      5.      5.      0.      0.      0.      0.      0.
7460        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

7461        KK   1I244
7462        KM        ADD AHYDROGRAPHS AT CP244
7463        HC       2    1.70

7464        KK    D229
7465        KM        RETURN DIVERT AT CP229
7466        DR   1D230

7467        KK    R229
7468        KM        ROUTE FLOW FROM CP229 TO CP230
7469        RS       2              -1       0
7470        RC     .02    .045     .06    1850    .005
7471        RX     980     985     990    1000    1020    1040    1100    1150
7472        RY    1044  1043.5  1043.5    1042    1042    1044  1044.5    1045

7473        KK     230
7474        KM        RUNOFF FROM SUBBASIN 230
7475        BA     .04
7476        LG     .50     .00    3.55     .47     .00
7477        UI      5.     13.     24.     31.     43.     57.     43.     33.     24.     15.
7478        UI      8.      6.      4.      1.      1.      1.      0.      0.      0.      0.
7479        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7480        KK   1I230
7481        KM        ADD HYDROGRAPHS AT CP230
7482        HC       2    1.06

7483        KK   D230A
7484        KM        RETURN DIVERT AT  CP230A
7485        DR   2D230

7486        KK   R230A
7487        KM        ROUTE FLOW FROM CP230A TO CP230
7488        RS       1              -1       0
7489        RC     .05    .035     .03    1000   .0091
7490        RX    1000    1005    1010    1020    1040    1060    1100    1300
7491        RY    1041  1040.5  1040.5    1040    1040  1040.5    1038  1040.5

7492        KK   CP230
7493        KM        ADD HYDROGRAPHS AT CP230
7494        HC       2    1.24

7495        KK    R230
7496        KM        ROUTE FLOW FROM CP230 TO CP244
7497        RS       2              -1       0
7498        RC     .03     .04     .05    1450   .0027
7499        RX    1000    1010    1020    1030    1050    1110    1250    1475
7500        RY  1034.5    1034    1034  1032.5  1032.5    1034    1035    1036
```



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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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```
7501        KK   CP244
7502        KM        ADD HYDROGRAPHS AT CP244
7503        HC       2    1.74

7504        KK    D244
7505        KM        DIVERT FLOW FROM CP244 TO CP245
7506        DT   DI245
7507        DI       0       4      20      37     409    1849    4296
7508        DQ       0       0       0       0     354    1750    4133

7509        KK    R244
7510        KM        ROUTE REMAINDER FROM CP244 TO CP243
7511        RS       5              -1       0
7512        RC    .025    .035     .06    2800   .0016
7513        RX    1000    1015    1020    1025    1035    1040    1060    1080
7514        RY  1032.3    1032    1032    1031    1031    1032    1034  1034.5

7515        KK     243
7516        KM        RUNOFF FROM SUBBASIN 243
7517        BA     .24
7518        LG     .40     .22    4.30     .26     .00
7519        UI     25.     58.    115.    148.    188.    276.    289.    216.    170.    131.
7520        UI     89.     46.     38.     25.     12.      8.      8.      8.      8.      0.
7521        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7522        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7523        KK   1I243
7524        KM        ADD HYDROGRAPHS AT CP243
7525        HC       2    1.98

7526        KK   CP243
7527        KM        ADD HYDROGRAPHS AT CP243
7528        HC       2     4.3

7529        KK    R243
7530        KM        ROUTE FLOWS FROM CP243 TO CP245
7531        RS       1              -1       0
7532        RC     .04    .022     .04    3200   .0036
7533        RX     960     970     980    1000    1060    1080    1090    1100
7534        RY    1023  1022.5    1022    1017    1017    1022  1022.5    1023

7535        KK    D229
7536        KM        RETURN DIVERT AT CP229
7537        DR   DI231

7538        KK    R229
7539        KM        ROUTE FLOW FROM CP229 TO CP231
7540        RS       7              -1       0
7541        RC     .07     .05     .07    2400    .002
7542        RX    1000    1010    1040    1075    1110    1340    1600    1830
7543        RY  1038.5    1038    1036    1035    1035    1036    1038  1038.5
```



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

7544        KK     231
7545        KM        RUNOFF FROM SUBBASIN 231
7546        BA     .35
7547        LG     .37     .31    3.61     .79     .00
7548        UI     34.     65.    143.    186.    230.    299.    422.    339.    271.    215.
```

```
7549        UI    170.    115.     61.     54.     34.     22.     10.     10.     10.     10.
7550        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7551        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7552        KK   CP231
7553        KM        ADD HYDROGRAPHS AT CP231
7554        HC       2    1.37

7555        KK    R231
7556        KM        ROUTE FLOW FROM CP231 TO CP245
7557        RS      19              -1       0
7558        RC     .07     .05     .07    6300    .002
7559        RX    1000    1010    1040    1075    1110    1310    1600    1830
7560        RY  1032.5    1032    1030    1029    1029    1030    1032  1032.5

7561        KK     245
7562        KM        RUNOFF FROM SUBBASIN 245
7563        BA     .40
7564        LG     .47     .07    3.88     .89     .00
7565        UI     16.     16.     16.     24.     54.     63.     76.     83.     91.     98.
7566        UI    108.    119.    130.    152.    184.    214.    193.    168.    151.    138.
7567        UI    128.    115.    104.     96.     84.     78.     67.     52.     41.     29.
7568        UI     28.     27.     27.     18.     16.     16.     15.      5.      5.      5.
7569        UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      0.
7570        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7571        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7572        KK    D244
7573        KM        RETURN DIVERT AT CP244
7574        DR   DI245

7575        KK    R244
7576        KM        ROUTE FLOW FROM CP244 TO CP245
7577        RS      11              -1       0
7578        RC     .07     .05     .07    5300    .002
7579        RX    1000    1010    1040    1075    1110    1340    1600    1830
7580        RY  1032.5    1032    1030    1029    1029    1030    1032  1032.5

7581        KK   1I245
7582        KM             ADD HYDROGRAPHS AT CP245
7583        HC       3    2.14

7584        KK   CP245
7585        KM        ADD HYDROGRAPHS AT CP245
7586        HC       2    5.05
```



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


7587        KK  DR228A
7588        KM        RETREIVE RIVER ROUTED HYDROGRAPH FROM EARLIER IN PROGRAM
7589        DR  DR228A

7590        KK  RCP245
7591        KM        ADD HYDROGRAPHS AT CP245
7592        HC       2   48.89

7593        KK   RR245
7594        KM        RIVER ROUTE RCP245 TO RCP258
7595        RS       3              -1       0
7596        RC    .035    .035    .035    2800   .0025
```

```
7597        RX    1000    1001    1002    1042    2042    2082    2083    2084
7598        RY    1051    1051    1051    1035    1035    1051    1051    1051

7599        KK     258
7600        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 258
7601        BA     .38
7602        LG     .37     .29    3.99     .58     .00
7603        UI     36.     68.    152.    198.    243.    313.    449.    373.    297.    237.
7604        UI    187.    133.     72.     60.     39.     29.     11.     11.     11.     11.
7605        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7606        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7607        KK   SR258
7608        KM        STORAGE ROUTE CP258 BEHIND DIKE
7609        RS       1    STOR       0       0
7610        SV       0   19.92   134.9   400.5   799.6  1272.6  1673.8  1874.5
7611        SQ       0       0       0       0       0       0       0    3377
7612        SE     967     970     980     990    1000    1010    1017    1020

7613        KK  RCP258
7614        KM        ADD HYDROGRAPHS AT CP258
7615        HC       2   49.27

7616        KK   RR258
7617        KM        RIVER ROUTE FROM RCP258 TO RCP272
7618        RS       7              -1       0
7619        RC    .035    .035    .035    4500   .0025
7620        RX    1000    1001    1002    1042    2042    2082    2083    2084
7621        RY    1015    1015    1015    1000    1000    1015    1015    1015

7622        KK    258A
7623        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 258A
7624        BA     .12
7625        LG     .35     .35    4.22     .39     .00
7626        UI     16.     54.     88.    119.    187.    157.    115.     83.     45.     27.
7627        UI     16.      7.      5.      5.      0.      0.      0.      0.      0.      0.
7628        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


7629        KK   D258A
7630        KM        DIVERT FROM CP258A TO CP272
7631        DT   DI272
7632        DI       0      39     236    1644
7633        DQ       0      39     187    1186

7634        KK   D258A
7635        KM        DIVERT FROM CP258A TO CP259
7636        DT   DI259
7637        DI       0       0      49     458
7638        DQ       0       0      33     169

7639        KK   R258A
7640        KM        ROUTE REMAINDER FROM CP258A TO CP271C
7641        RS       9              -1
7642        RC    .025    .025    .025    2180   .0041
7643        RX    1000    1040    1150    1200    1300    1328    1329    1330
7644        RY    1019    1018    1016    1015    1015    1016    1016    1016

7645        KK     257
```

```
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 257
BA     .34
LG     .50     .00    5.82     .24     .00
UI     12.     12.     12.     12.     27.     40.     46.     55.     59.     65.
UI     69.     74.     80.     88.     93.    106.    127.    144.    156.    136.
UI    122.    111.    102.     96.     89.     81.     74.     69.     62.     57.
UI     53.     45.     34.     27.     21.     21.     20.     20.     17.     12.
UI     12.     12.     12.      5.      4.      4.      4.      4.      4.      4.
UI      4.      4.      4.      4.      4.      4.      4.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK    D257
KM        DIVERT FROM CP257 TO CP256
DT   DI256
DI       0      56    1308
DQ       0       0     922

KK    R257
KM        ROUTE REMAINDER FROM CP257 TO CP271B
RS      33              -1
RC     .05    .075    .075    4520   .0022
RX    1000    1120    1240    1470    2010    2038    2039    2040
RY    1026    1024    1022    1020    1020    1021    1021    1021

KK    271B
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271B
BA     .15
LG     .46     .11    3.61     .45     .00
UI      8.      8.     12.     29.     35.     42.     47.     52.     60.     68.
UI     88.    105.     93.     79.     70.     62.     54.     48.     41.     35.
UI     26.     17.     14.     14.     11.      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.
```



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

KK  CP271B
KM        ADD HYDROGRAPHS AT CP271B
HC       2     .49

KK   R271B
KM        ROUTE FLOW FROM CP271B TO CP271C
RS       7              -1
RC    .025    .025    .025    3590   .0022
RX    1000    1040    1150    1200    1300    1328    1329    1330
RY    1019    1018    1016    1015    1015    1016    1016    1016

KK    271C
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271C
BA     .18
LG     .35     .35    3.90     .34     .00
UI     32.    122.    184.    297.    296.    201.    131.     58.     36.     15.
UI      9.      9.      0.      0.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK  1I271C
KM        ADD HYDROGRAPHS AT CP271C
HC       2     .67

KK  CP271C
```

```
7696        KM        ADD HYDROGRAPHS AT CP271C
7697        HC       2     .79

7698        KK  SR271C
7699        KM        STORAGE ROUTE CP271C
7700        RS       1    STOR       0       0
7701        SV       0     .15    5.23   20.11   27.05   30.97
7702        SQ       0       0       0       0       0     205
7703        SE     999    1000    1005    1010  1011.4    1012

7704        KK   R271C
7705        KM        ROUTE FLOW FROM CP271C TO CP272
7706        RS       3              -1       0
7707        RC     .04     .04     .04     570    .002
7708        RX    1000    1001    1020    1100    1590    1598    1599    1600
7709        RY    1010    1010    1008    1006    1006    1008    1010    1010

7710        KK   D258A
7711        KM        RETURN DIVERT AT CP258A
7712        DR   DI259

7713        KK   R258A
7714        KM        ROUTE FLOW FROM CP258A TO CP259
7715        RS       4              -1
7716        RC     .03    .025    .025    1300   .0054
7717        RX    1000    1001    1002    1250    1390    1418    1419    1420
7718        RY    1017    1017    1017    1016    1016  1016.5  1016.5  1016.5
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


7719        KK     259
7720        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 259
7721        BA     .20
7722        LG     .35     .35    3.93     .59     .00
7723        UI     35.    135.    203.    328.    330.    224.    146.     65.     40.     18.
7724        UI     10.     10.      0.      0.      0.      0.      0.      0.      0.      0.
7725        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7726        KK   CP259
7727        KM        ADD HYDROGRAPHS AT CP259
7728        HC       2     .32

7729        KK   SR259
7730        KM        STORAGE ROUTE CP259 BEHIND INDIAN SCHOOL ROAD
7731        RS       1    STOR       0       0
7732        SV       0    3.98   43.83  130.22  190.44  243.82  300.38
7733        SQ       0       0       0       0       0       0     651
7734        SE    1009    1010    1012    1014    1015  1015.2    1016

7735        KK     R259
7736        KM        ROUTE FLOW FROM CP259 TO CP272
7737        RS       1              -1       0
7738        RC     .04     .04     .04     980    .015
7739        RX    1000    1001    1090    1110    1300    1328    1329    1330
7740        RY    1004    1004    1000     996     996    1000    1000    1000

7741        KK   D258A
7742        KM        RETURN DIVERT AT CP258A
7743        DR   DI272
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7744        KK   R258A
7745        KM        ROUTE FLOW FROM CP258A TO CP272
7746        RS       5              -1       0
7747        RC     .04      .04      .04     1600     .019
7748        RX    1000     1001     1002     1030     1320     1329     1330     1340
7749        RY  1019.5     1019     1019     1018     1018     1020     1020     1020

7750        KK   1I272
7751        KM        ADD HYDROGRAPHS AT CP272
7752        HC       2      .32

7753        KK     272
7754        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 272
7755        BA     .20
7756        LG     .35      .35     3.88      .62      .00
7757        UI     30.     122.     183.     276.     345.     235.     164.      87.      48.      28.
7758        UI      9.       9.       9.       0.       0.       0.       0.       0.       0.       0.
7759        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
1                                                HEC-1 INPUT                                                PAGE176

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


7760        KK   2I272
7761        KM        ADD HYDROGRAPHS AT CP272
7762        HC       2      .52

7763        KK   CP272
7764        KM        ADD HYDROGRAPHS AT CP272
7765        HC       2     1.19

7766        KK   SR272
7767        KM        STORAGE ROUTE CP272 BEHIND DIKE
7768        RS       1     STOR        0        0
7769        SV       0     6.05    27.55     51.2      128   1065.4  1132.58  1239.28
7770        SQ       0        0        0        0        0        0        0     1196
7771        SE     960      970      980      990     1000     1010   1010.8     1012

7772        KK  RCP272
7773        KM        ADD HYDROGRAPHS AT CP272
7774        HC       2    50.46

7775        KK   RR272
7776        KM        RIVER ROUTE FROM RCP272 TO RCP290
7777        RS       4              -1       0
7778        RC    .035     .035     .035     3400    .0025
7779        RX    1000     1001     1002     1042     2042     2082     2083     2084
7780        RY    1009     1009     1009      994      994     1009     1009     1009

7781        KK     290
7782        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 290
7783        BA     .55
7784        LG     .47      .07     4.26      .65      .00
7785        UI     36.      36.      87.     143.     177.     204.     234.     272.     338.     452.
7786        UI    410.     336.     292.     251.     216.     182.     151.     105.      63.      60.
7787        UI     53.      36.      36.      14.      11.      11.      11.      11.      11.      11.
7788        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
7789        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

7790        KK   SR290
7791        KM        STORAGE ROUTE CP290 BEHIND THE AGUA FRIA RIVER DIKE
7792        RS       1     STOR        0        0
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7793        SV       0    1.12    2.67    6.94   17.54   77.94
7794        SQ       0     112     122     130     867   13222
7795        SE   991.0   995.5     996   996.4     997     999

7796        KK    D290
7797        KM        DIVERT FLOW FROM CP290 TO CP291
7798        DT   DI291
7799        DI       0     112     122     130     867   13222
7800        DQ       0       0       0       0     725   13080
1                                          HEC-1 INPUT                                                    PAGE177

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


7801        KK  RCP290
7802        KM        ADD HYDROGRAPHS IN AGUA FRIA RIVER AT RIVER CONCENTRATION POINT RCP290
7803        HC       2   51.01

7804        KK   RR290
7805        KM        RIVER ROUTE RCP290 TO RCP287E
7806        RS      10              -1       0
7807        RC    .035    .035    .035    8700   .0018
7808        RX    1000    1001    1002    1042    2042    2082    2083    2084
7809        RY     999     999     999     984     984     999     999     999

7810        KK    D290
7811        KM        RETURN DIVERT AT CP290
7812        DR   DI291

7813        KK    R290
7814        KM        ROUTE DIVERT FROM CP290 TO CP291
7815        RS      48              -1       0
7816        RC    .075    .075    .075    6240   .0026
7817        RX    1000    1001    1002    1160    2330    2350    2359    2360
7818        RY     990     989     989     988     988     990     992     992

7819        KK     291
7820        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 291
7821        BA     .99
7822        LG     .50     .00    4.01     .94     .00
7823        UI     37.     37.     37.     37.    109.    134.    156.    177.    194.    210.
7824        UI    225.    245.    270.    290.    332.    406.    454.    475.    409.    366.
7825        UI    332.    308.    288.    259.    236.    218.    198.    180.    164.    136.
7826        UI    106.     77.     65.     64.     61.     61.     41.     37.     37.     37.
7827        UI     19.     11.     11.     11.     11.     11.     11.     11.     11.     11.
7828        UI     11.     11.     11.      0.      0.      0.      0.      0.      0.      0.
7829        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7830        KK   CP291
7831        KM        ADD HYDROGRAPHS AT CP291
7832        HC       2    1.54

7833        KK   SR291
7834        KM        STORAGE ROUTE CP291 BEHIND MCDOWELL ROAD
7835        RS       1    STOR       0       0
7836        SV       0       0      .4    8.44   48.26  135.42  178.77   286.6
7837        SQ       0       3      42     126     129     261     294     984
7838        SE     978     979     980     982     984     986   986.7     988

7839        KK    R291
7840        KM        ROUTE FLOW FROM CP291 TO CP287E
7841        RS       9              -1
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7842        RC    .035    .035    .075    2180    .0009
7843        RX    1000    1001    1002    1020    1260    1470    1530    1760
7844        RY     990     990     990     984     984     986     988     989
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

7845        KK    287E
7846        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287E
7847        BA     .20
7848        LG     .50     .00    3.69     .54     .00
7849        UI     15.     15.     48.     67.     81.     94.    112.    145.    187.    158.
7850        UI    130.    111.     92.     77.     62.     38.     26.     24.     17.     15.
7851        UI      7.      5.      5.      5.      5.      5.      5.      0.      0.      0.
7852        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7853        KK  CP287E
7854        KM        ADD HYDROGRAPHS AT CP287E
7855        HC       2    1.74

7856        KK  SR287E
7857        KM        STORAGE ROUTE AT CP287E BEHIND I-10
7858        RS       1    STOR       0       0
7859        SV       0    3.03   35.23   85.43  192.71  248.66
7860        SQ       0       0       0      19      58     717
7861        SE   981.4     982   984.1   986.1   989.1   990.1

7862        KK   D287E
7863        KM        DIVERT FLOW THROUGH 1-36" PIPE UNDER I-10
7864        DT   DI302
7865        DI       0      19      58     717   13580
7866        DQ       0      19      58      65      70

7867        KK  RC287E
7868        KM        ADD HYDROGRAPHS IN AGUA FRIA AT RCP287E
7869        HC       2   52.20

7870        KK  RR287E
7871        KM        RIVER ROUTE RC287E TO RCP302
7872        RS       3              -1       0
7873        RC    .035    .035    .035    3200    .0026
7874        RX    1000    1001    1002    1042    2042    2082    2083    2084
7875        RY     990     990     990     974     974     990     990     990

7876        KK     254
7877        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 254
7878        BA     .59
7879        LG     .40     .15    3.67     .35     .00
7880        UI     43.     43.    134.    190.    230.    267.    317.    394.    538.    478.
7881        UI    389.    334.    279.    234.    193.    136.     78.     72.     58.     43.
7882        UI     33.     13.     13.     13.     13.     13.     13.      0.      0.      0.
7883        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7884        KK    R254
7885        KM        ROUTE FLOW FROM CP254 TO CP269
7886        RS      25              -1
7887        RC    .075    .075    .075    5150    .0031
7888        RX    1000    1001    1002    1050    1950    2268    2269    2270
7889        RY    1021    1021    1021    1020    1020    1021    1021    1021
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LINE          IO.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

7890          KK     269
7891          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 269
7892          BA     .66
7893          LG     .50     .00    4.44     .39     .00
7894          UI     32.     32.     32.     90.    119.    149.    165.    183.    202.    228.
7895          UI    253.    303.    380.    410.    343.    299.    269.    244.    215.    192.
7896          UI    170.    152.    128.     94.     64.     56.     52.     52.     32.     32.
7897          UI     32.     14.     10.     10.     10.     10.     10.     10.     10.     10.
7898          UI     10.      0.      0.      0.      0.      0.      0.      0.      0.      0.
7899          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7900          KK   CP269
7901          KM        ADD HYDROGRAPHS AT CP269
7902          HC       2    1.25

7903          KK   SR269
7904          KM        STORAGE ROUTE CP269 BEHIND ROOSEVELT CANAL
7905          RS       1    STOR       0       0
7906          SV       0    14.3   80.44  103.22  154.24
7907          SQ       0       0       0     625    7172
7908          SE  1008.5    1010  1011.9  1012.3  1013.0

7909          KK    R269
7910          KM        ROUTE FLOW FROM CP269 TO CP288A
7911          RS      50              -1
7912          RC    .075    .075    .075    6400   .0033
7913          RX    1000    1001    1002    1300    2400    2898    2899    2900
7914          RY    1001    1001    1001    1000    1000    1001    1001    1001

7915          KK    288A
7916          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 288A
7917          BA     .83
7918          LG     .50     .00    8.48     .12     .00
7919          UI     30.     30.     30.     30.     77.    104.    120.    140.    152.    164.
7920          UI    176.    190.    207.    226.    245.    286.    340.    390.    365.    320.
7921          UI    288.    264.    246.    230.    208.    190.    176.    160.    147.    135.
7922          UI    114.     87.     71.     53.     53.     49.     49.     41.     30.     30.
7923          UI     30.     28.      9.      9.      9.      9.      9.      9.      9.      9.
7924          UI      9.      9.      9.      9.      9.      0.      0.      0.      0.      0.
7925          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7926          KK  CP288A
7927          KM        ADD HYDROGRAPHS AT CP288A
7928          HC       2    2.08

7929          KK   R288A
7930          KM        ROUTE FLOW FROM CP288A TO CP287A
7931          RS       9              -1       0
7932          RC     .06     .06     .06    2350   .0017
7933          RX    1000    1001    1002    1160    1950    2128    2129    2130
7934          RY   991.5     991     991     990     990     991     991   991.5
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

7935          KK    287A
7936          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287A
7937          BA     .34
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7938        LG     .50     .00    7.63     .18     .00
7939        UI     19.     19.     31.     68.     86.    100.    112.    127.    145.    172.
7940        UI    222.    246.    202.    174.    155.    135.    118.    102.     90.     67.
7941        UI     47.     34.     32.     29.     19.     19.     13.      6.      6.      6.
7942        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
7943        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7944        KK  CP287A
7945        KM        ADD HYDROGRAPHS AT CP287A
7946        HC       2    2.42

7947        KK  SR287A
7948        KM        STORAGE ROUTE CP287A IN I-10 DETENTION BASIN
7949        RS       1    STOR       0       0
7950        SV       0   14.44   60.06   374.5  423.01  438.91
7951        SQ       0       7      55      55      55     329
7952        SE   975.7     978     980     988   988.8     990

7953        KK   R287A
7954        KM        ROUTE FLOW FROM CP287A TO CP287B
7955        RS       7              -1       0
7956        RC    .035    .035    .035    1200    .001
7957        RX    1000    1001    1050    1060    1660    1760    1780    1800
7958        RY     988     988     980     978     978     980     986     988

7959        KK    288B
7960        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 288B
7961        BA     .26
7962        LG     .50     .00    7.90     .16     .00
7963        UI      9.      9.      9.      9.     21.     31.     35.     42.     45.     49.
7964        UI     52.     56.     61.     67.     71.     81.     97.    110.    120.    104.
7965        UI     93.     85.     78.     73.     68.     62.     57.     53.     48.     44.
7966        UI     40.     34.     26.     21.     16.     16.     15.     15.     13.      9.
7967        UI      9.      9.      9.      4.      3.      3.      3.      3.      3.      3.
7968        UI      3.      3.      3.      3.      3.      3.      3.      0.      0.      0.
7969        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7970        KK   R288B
7971        KM        ROUTE FLOW FROM CP288B TO CP287B
7972        RS      14              -1       0
7973        RC     .06     .06     .06    2200    .002
7974        RX    1000    1001    1002    1040    2090    2098    2099    2100
7975        RY   991.5     991     991     990     990     991     991   991.5

7976        KK    287B
7977        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287B
7978        BA     .10
7979        LG     .50     .00    6.82     .26     .00
7980        UI      9.     14.     35.     46.     55.     68.     95.    108.     82.     68.
7981        UI     55.     44.     31.     17.     15.     10.      8.      3.      3.      3.
7982        UI      3.      3.      0.      0.      0.      0.      0.      0.      0.      0.
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

7983        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

7984        KK  1I287B
7985        KM        ADD HYDROGRAPHS AT CP287B
7986        HC       2     .36

7987        KK  CP287B
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7988        KM        ADD HYDROGRAPHS AT CP287B
7989        HC       2    2.78

7990        KK  SR287B
7991        KM        STORAGE ROUTE CP287B IN I-10 DETENTION BASIN
7992        RS       1    STOR       0       0
7993        SV       0   17.05   38.57  132.52   143.0
7994        SQ       0       2      60     800     953
7995        SE   974.6     978     980   987.3     988

7996        KK   R287B
7997        KM        ROUTE FLOW FROM CP287B TO CP287C
7998        RS      13              -1       0
7999        RC    .035    .035    .035    2450    .001
8000        RX    1000    1001    1030    1D50    1670    1690    1719    1720
8001        RY     986     986     980     978     978     980     986     986

8002        KK    D257
8003        KM        RETURN DIVERT AT CP257
8004        DR   DI256

8005        KK    R257
8006        KM        ROUTE DIVERT FROM CP257 TO CP256
8007        RS      12              -1       0
8008        RC    .035    .035    .075    2680   .0018
8009        RX    1000    1001    1002    1010    1540    1858    1859    1860
8010        RY  1025.5    1025    1025    1024    1024    1025    1025  1025.5

8011        KK     256
8012        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 256
8013        BA     .43
8014        LG     .50     .00    5.84     .30     .00
8015        UI     20.     20.     20.     47.     71.     86.     98.    108.    119.    132.
8016        UI    147.    165.    205.    244.    244.    206.    182.    165.    150.    133.
8017        UI    120.    107.     96.     83.     64.     47.     35.     34.     32.     27.
8018        UI     20.     20.     19.      6.      6.      6.      6.      6.      6.      6.
8019        UI      6.      6.      6.      6.      0.      0.      0.      0.      0.      0.
8020        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8021        KK   CP256
8022        KM        ADD HYDROGRAPHS AT CP256
8023        HC       2     .77
```



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


8024        KK    D256
8025        KM        DIVERT FROM CP256 TO CP271A
8026        DT  DI271A
8027        DI       0      98    1231    8218
8028        DQ       0      64     794    4308

8029        KK    R256
8030        KM        ROUTE REMAINDER FROM CP256 TO CP255
8031        RS       6              -1
8032        RC     .03     .03    .075    1700   .0012
8033        RX    1000    1001    1002    1020    1080    1600    1689    1690
8034        RY    1023    1023    1023    1022    1022    1024    1025    1025

8035        KK     255
8036        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 255
```

```
8037        BA     .94
8038        LG     .15     .22    3.88     .29   12.00
8039        UI    143.    570.    858.   1293.   1621.   1109.    772.    412.    228.    132.
8040        UI     44.     44.     44.      0.      0.      0.      0.      0.      0.      0.
8041        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8042        KK   CP255
8043        KM        ADD HYDROGRAPHS AT CP255
8044        HC       2    1.71

8045        KK    R255
8046        KM        ROUTE FLOW FROM CP255 TO CP271
8047        RS      21              -1
8048        RC    .075    .075    .075    4950   .0012
8049        RX    1000    1001    1002    1200    1490    1830    2029    2030
8050        RY    1015    1015    1015  1014.5  1014.5    1016    1017    1017

8051        KK     271
8052        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271
8053        BA     .57
8054        LG     .50     .00    5.47     .30     .00
8055        UI     22.     22.     22.     22.     71.     81.     96.    106.    119.    126.
8056        UI    137.    150.    165.    179.    212.    253.    290.    259.    228.    204.
8057        UI    188.    174.    160.    144.    132.    120.    109.    100.     83.     63.
8058        UI     48.     39.     38.     36.     36.     23.     22.     22.     22.      9.
8059        UI      7.      7.      7.      7.      7.      7.      7.      7.      7.      7.
8060        UI      7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
8061        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8062        KK   1I271
8063        KM        ADD HYDROGRAPHS AT CP271
8064        HC       2    2.28

8065        KK    D256
8066        KM        RETURN DIVERT AT CP256
8067        DR   DI271A
```



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


8068        KK    R256
8069        KM        ROUTE FLOW FROM CP256 TO CP271A
8070        RS       6              -1
8071        RC    .075     .03     .03    2550   .0020
8072        RX    1000    1001    1200    1860    1880    1888    1889    1890
8073        RY    1021    1021    1020    1018    1018    1019    1019    1019

8074        KK   271A
8075        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 271A
8076        BA     .16
8077        LG     .50     .00    4.93     .39     .00
8078        UI      6.      6.      6.      6.     16.     21.     24.     28.     30.     33.
8079        UI     35.     38.     42.     45.     50.     59.     70.     78.     68.     60.
8080        UI     55.     50.     47.     43.     39.     36.     33.     30.     28.     24.
8081        UI     19.     16.     10.     10.     10.     10.      9.      6.      6.      6.
8082        UI      6.      2.      2.      2.      2.      2.      2.      2.      2.      2.
8083        UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
8084        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8085        KK  CP271A
8086        KM        ADD HYDROGRAPHS AT CP271A
```

```
8087        HC       2     .59

8088        KK  SR271A
8089        KM        STORAGE ROUTE FLOW AT CP271A
8090        RS       1    STOR       0       0
8091        SV       0     .06    0.97    1.51
8092        SQ       0       7     247     460
8093        SE  1017.9    1018  1018.3  1018.4

8094        KK   R271A
8095        KM        ROUTE FLOW FROM CP271A TO CP271
8096        RS      29              -1
8097        RC    .075    .075    .075    4290   .0009
8098        RX    1000    1001    1002    1200    1490    1830    2029    2030
8099        RY    1015    1015    1015  1014.5  1014.5    1016    1017    1017

8100        KK   CP271
8101        KM        ADD HYDROGRAPHS AT CP271
8102        HC       2    2.44

8103        KK   SR271
8104        KM        STORAGE ROUTE CP271 BEHIND ROOSEVELT CANAL
8105        RS       1    STOR       0       0
8106        SV       0    1.81   23.69   27.98   35.45   40.01   44.57   49.13   53.69
8107        SQ       0       0       0       0     384     658    1104    1621    2243
8108        SE  1008.1    1010    1014  1014.3  1014.6  1014.7  1014.8  1014.9  1015.0

8109        KK    D271
8110        KM        DIVERT FROM CP271 TO CP289
8111        DT   DI289
8112        DI       0     384     658    1104    1621    2243
8113        DQ       0     384     625    1101    1450    1980
```



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

8114        KK    R271
8115        KM        ROUTE REMAINDER FROM CP271 TO CP270
8116        RS      10              -1
8117        RC     .04     .04     .04    2300   .0009
8118        RX    1000    1001    1015    1090    1180    1230    1289    1290
8119        RY    1015    1015    1014    1013    1013    1014    1016    1016

8120        KK    254A
8121        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 254A
8122        BA     .22
8123        LG     .12     .19    5.82     .21   20.00
8124        UI     79.    248.    444.    456.    271.    115.     56.     15.     14.      0.
8125        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8126        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8127        KK   R254A
8128        KM        ROUTE FLOW FROM CP254A TO CP270
8129        RS      11              -1
8130        RC     .05     .05     .05    4450   .0025
8131        RX    1000    1001    1002    1180    1310    1398    1399    1400
8132        RY    1050    1017    1017    1016    1016    1017    1017    1050

8133        KK     270
8134        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 270
8135        BA     .30
```

```
8136        LG     .16     .22    3.58     .38   18.00
8137        UI     41.    141.    226.    307.    481.    387.    283.    201.    104.     65.
8138        UI     41.     13.     13.     13.      0.      0.      0.      0.      0.      0.
8139        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8140        KK   1I270
8141        KM        ADD HYDROGRAPHS AT CP270
8142        HC       2     .52

8143        KK   CP270
8144        KM        ADD HYOROGRAPHS AT CP270
8145        HC       2    2.96

8146        KK   SR270
8147        KM        STORAGE ROUTE CP270 8EHIND ROOSEVELT CANAL
8148        RS       1    STOR       0       0
8149        SV       0    2.24    7.75   12.85   26.73
8150        SQ       0       0       0     470    3830
8151        SE  1011.4    1012  1012.5  1012.8  1013.5

8152        KK    R270
8153        KM        ROUTE FLOW FROM CP270 TO CP289
8154        RS      38              -1
8155        RC     .07     .07     .07    7920   .0028
8156        RX    1000    1001    1002    1170    2120    2208    2209    2210
8157        RY    1003    1003    1003    1002    1002    1003    1003    1003
```



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


8158        KK    D271
8159        KM        RETURN DIVERT AT CP271
8160        DR   DI289

8161        KK    R271
8162        KM        ROUTE FLOW FROM CP271 TO CP289
8163        RS      30              -1
8164        RC     .07     .07     .07    8250   .0028
8165        RX    1000    1001    1002    1170    2120    2208    2209    2210
8166        RY    1003    1003    1003    1002    1002    1003    1003    1003

8167        KK   1I289
8168        KM        ADD HYDROGRAPHS AT CP289
8169        HC       2    2.96

8170        KK     289
8171        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 289
8172        BA    1.00
8173        LG     .50     .00    7.20     .21     .00
8174        UI     26.     26.     26.     26.     26.     32.     86.     91.    101.    116.
8175        UI    125.    132.    142.    148.    156.    165.    176.    188.    199.    2D9.
8176        UI    231.    261.    305.    322.    349.    315.    286.    264.    246.    231.
8177        UI    219.    209.    197.    183.    172.    162.    153.    142.    132.    126.
8178        UI    119.    101.     87.     76.     61.     46.     46.     46.     43.     43.
8179        UI     43.     34.     26.     26.     26.     26.     26.     14.      8.      8.
8180        UI      8.      8.      8.      8.      8.      8.      8.      8.      8.      8.
8181        UI      8.      8.      8.      8.      8.      8.      0.      0.      0.      0.
8182        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8183        KK   CP289
8184        KM        ADD HYDROGRAPHS AT CP289
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8185        HC      2    3.96

8186        KK    R289
8187        KM        ROUTE REMAINDER FROM CP289 TO CP287C
8188        RS     10              -1       0
8189        RC    .06     .06     .06    3150   .0035
8190        RX   1000    1001    1002    1230    2180    2188    2189    2190
8191        RY  991.5     991     991     990     990     991     991   991.5

8192        KK    287C
8193        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287C
8194        BA    .23
8195        LG    .50     .00    9.74     .09     .00
8196        UI    16.     16.     44.     67.     82.     94.    111.    131.    176.    199.
8197        UI   159.    135.    116.     98.     82.     68.     46.     28.     26.     21.
8198        UI    16.     13.      5.      5.      5.      5.      5.      5.      5.      0.
8199        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8200        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                                          HEC-1 INPUT                                          PAGE186

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


8201        KK  1I287C
8202        KM        A00 HYDROGRAPHS AT CP287C
8203        HC      2    4.19

8204        KK  CP287C
8205        KM        ADD HYDROGRAPHS AT CP287C
8206        HC      2    6.97

8207        KK  SR287C
8208        KM        STORAGE ROUTE CP287C IN AN I-10 DETENTION BASIN
8209        RS      1    STOR       0       0
8210        SV      0   37.15  141.31  425.75  453.25  562.86
8211        SQ      0       6     460     460     460     657
8212        SE  972.5     976     980     988   988.6     990

8213        KK    R287C
8214        KM        ROUTE FLOW FROM CP287C TO CP287D
8215        RS      7              -1       0
8216        RC   .035    .035    .035    2150   .0009
8217        RX   1000    1001    1040    1060    1670    1700    1740    1800
8218        RY    988     988     980     974     974     980     986     990

8219        KK    289A
8220        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 289A
8221        BA    .50
8222        LG    .50     .00    4.63     .39     .00
8223        UI    20.     20.     20.     31.     68.     80.     96.    105.    114.    124.
8224        UI   136.    151.    164.    193.    233.    270.    240.    209.    188.    172.
8225        UI   159.    143.    129.    119.    105.     97.     82.     63.     48.     36.
8226        UI    35.     34.     33.     20.     20.     20.     17.      6.      6.      6.
8227        UI     6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
8228        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8229        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8230        KK   R289A
8231        KM        ROUTE FLOW FROM CP289A TO CP287D
8232        RS     15              -1       0
8233        RC    .06     .06     .06    2900    .002
8234        RX   1000    1001    1002    1220    1900    2168    2169    2170
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8235          RY   991.5     991     991     990     990     991     991   991.5

8236          KK    287D
8237          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287D
8238          BA     .23
8239          LG     .50     .00    6.26     .30     .00
8240          UI     16.     16.     44.     67.     82.     94.    110.    130.    174.    200.
8241          UI    159.    135.    117.     98.     83.     68.     48.     28.     27.     22.
8242          UI     16.     14.      5.      5.      5.      5.      5.      5.      5.      0.
8243          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8244          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1                                                HEC-1 INPUT                                                    PAGE187

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


8245          KK  1I287D
8246          KM        ADD HYDROGRAPHS AT CP287D
8247          HC       2     .73

8248          KK  CP287D
8249          KM        ADD HYDROGRAPHS AT CP287D
8250          HC       2    7.70

8251          KK  SR287D
8252          KM        STORAGE ROUTE CP287D IN AN I-10 DETENTION BASIN
8253          RS       1    STOR       0       0
8254          SV       0   30.21  162.42   403.5  496.83  532.82
8255          SQ       D      36      60      81      86      87
8256          SE   970.5     974     980     988     990   990.5

8257          KK   R287D
8258          KM        ROUTE FLOW FROM CP287D TO RCP302
8259          RK    5620   .0006    .012            CIRC       4

8260          KK  1RC302
8261          KM        ADD HYDROGRAPHS AT RCP302
8262          HC       2   59.56

8263          KK   D278E
8264          KM        RETURN DIVERT AT CP287E
8265          DR   DI302

8266          KK   R287E
8267          KM        ROUTE DIVERT FROM CP287E TO CP302
8268          RS      16              -1
8269          RC     .03     .03     .03    2960   .0041
8270          RX    1000    1001    1002    1010    1300    1650    1799    1800
8271          RY     986     986     986     978     978     980     982     982

8272          KK     302
8273          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 302
8274          BA     .15
8275          LG     .30     .33    3.54     .30    4.00
8276          UI     29.    108.    163.    271.    238.    161.     99.     43.     26.      8.
8277          UI      8.      8.      0.      0.      0.      0.      0.      0.      0.      0.
8278          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8279          KK   CP302
8280          KM        ADD HYDROGRAPHS AT CP302
8281          HC       2    1.89
```

```
8282          KK   SR302
8283          KM        STORAGE ROUTE AT CP302 BEHIND VAN BUREN ROAD
8284          RS       1    STOR       0       0
8285          SV       0    1.16    7.44   17.82   22.15   60.86
8286          SQ       0      16      38      49     117    3687
8287          SE     972     974     976   977.6     978     980
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8288          KK    D302
8289          KM        DIVERT FLOW SOUTH OVER VAN BUREN ROAD AT CP302
8290          DT   DI320
8291          DI       0      16      38      49     117    3687
8292          DQ       0       0       0       0      66    3625

8293          KK  RCP302
8294          KM        ADD HYDROGRAPHS IN AGUA FRIA RIVER AT RCP302
8295          HC       2   59.71

8296          KK   RR302
8297          KM        RIVER ROUTE RCP302 TP RCP320
8298          RS       6              -1       0
8299          RC    .035    .035    .035    5280   .0026
8300          RX    1000    1001    1002    1042    2042    2082    2083    2084
8301          RY     975     975     975     960     960     975     975     975

8302          KK    D302
8303          KM        RETURN DIVERT AT CP302
8304          DR   DI320

8305          KK    R302
8306          KM        ROUTE FLOW FROM CP302 TO CP320
8307          RS       9              -1
8308          RC     .03     .03    .035    5620   .0014
8309          RX    1000    1001    1030    1140    1640    1770    1820    1840
8310          RY    1075    1075    1066    1065    1065    1066    1068    1070

8311          KK     320
8312          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 320
8313          BA     .64
8314          LG     .22     .30    4.27     .48   14.50
8315          UI     63.    125.    270.    349.    434.    575.    780.    610.    489.    386.
8316          UI    301.    191.    110.     92.     63.     32.     19.     19.     19.     19.
8317          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8318          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8319          KK   CP320
8320          KM        ADD HYDROGRAPHS AT CP320
8321          HC       2    2.53

8322          KK   SR320
8323          KM        STORAGE ROUTE CP320 BEHIND S.P.R.R.
8324          RS       1    STOR       0       0
8325          SV       0    4.15   34.22   71.09  141.43  276.96  481.06  516.31  604.41  744.46
8326          SQ       0      16      50      71      87     100     112     114    1335   10496
8327          SE     956     958     960     962     964     966     968   968.3     969     970

8328          KK    D320
8329          KM        DIVERT FLOW SOUTH ACROSS S.P.R.R. FROM CP320 TO CP338A
8330          DT  DI338A
```

```
8331        DI      0     16     50     71     87    100    112    114   1335  10496
8332        DQ      0      0      0      0      0      0      0      0   1218  10373
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8333        KK  RCP320
8334        KM        ADD HYDROGRAPHS AT RCP320 IN AGUA FRIA RIVER
8335        HC       2   60.35

8336        KK   RR320
8337        KM        RIVER ROUTE RCP320 TO RCP338
8338        RS      10              -1       0
8339        RC    .035    .035    .035   10000   .0033
8340        RX    1000    1001    1002    1042    2042    2082    2083    2084
8341        RY     956     956     956     942     942     956     956     956

8342        KK    D320
8343        KM        RETURN DIVERT AT CP320
8344        DR  DI338A

8345        KK    R320
8346        KM        ROUTE FLOW FROM CP320 TO CP338A
8347        RS       7              -1
8348        RC     .03     .03     .03    6240   .0035
8349        RX    1000    1030    1150    1240    1600    1720    1999    2000
8350        RY    1055    1048    1046    1045    1045    1046    1047    1047

8351        KK    338A
8352        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 338A
8353        BA     .77
8354        LG     .24     .29    3.88     .70   10.00
8355        UI     81.    183.    366.    472.    597.    868.    933.    697.    549.    424.
8356        UI    292.    152.    125.     81.     42.     25.     25.     25.     25.      0.
8357        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8358        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8359        KK  CP338A
8360        KM        ADD HYDROGRAPHS AT CP338A
8361        HC       2    3.30

8362        KK  SR338A
8363        KM        STORAGE ROUTE THROUGH 3 - 11 X 6 BC'S AT CP338A
8364        RS       1    STOR       0       0
8365        SV       0     .51    9.12   39.14   44.37
8366        SQ       0       3     729    1410    1493
8367        SE   939.6     942     944   945.8     946

8368        KK   R338A
8369        KM        ROUTE FLOW FROM CP338A TO CP338
8370        RS       4              -1
8371        RC     .05     .03     .05    3900   .0033
8372        RX    1000    1001    1030    1040    1170    1185    1195    1260
8373        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

8374        KK     338
8375        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 338
```

```
8376        BA     .31
8377        LG     .49     .03    4.17     .67     .00
8378        UI     22.     22.     67.     97.    118.    136.    161.    197.    270.    257.
8379        UI    207.    178.    149.    126.    106.     76.     47.     38.     34.     22.
8380        UI     22.      7.      7.      7.      7.      7.      7.      7.      0.      0.
8381        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8382        KK   CP338
8383        KM        ADD HYDROGRAPHS AT CP338
8384        HC       2    3.61

8385        KK  RCP338
8386        KM        ADD HYDROGRAPHS  IN AGUA FRIA RIVER AT RCP338
8387        HC       2   61.43

8388        KK   RR338
8389        KM        RIVER ROUTE RCP338 TO RCP367
8390        RS       3              -1       0
8391        RC    .035    .035    .035    2800    .004
8392        RX    1000    1001    1002    1042    2042    2082    2083    2084
8393        RY     946     946     946     928     928     946     946     946

8394        KK     367
8395        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 367
8396        BA     .15
8397        LG     .35     .35    4.19     .47     .00
8398        UI     59.    181.    333.    299.    174.     67.     29.     10.     10.      0.
8399        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8400        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8401        KK  1RC367
8402        KM        ADD HYDROGRAPHS AT RCP367 IN AGUA FRIA RIVER
8403        HC       2   61.58

8404        KK    D337
8405        KM        RETURN PIPE DIVERT IN 96" STORM DRAIN
8406        DR   DI367

8407        KK    R337
8408        KM         ROUTE 96" STORM DRAIN FLOW FROM CP337 TO RCP367
8409        RK    8500   .0013    .012            CIRC       8

8410        KK  RCP367
8411        KM        ADD HYDROGRAPHS AT RCP367
8412        HC       2   63.92

8413        KK   RR367
8414        KM        RIVER ROUTE RCP367 TO RCP370
8415        RS       7              -1       0
8416        RC    .035    .035    .035    5900   .0022
8417        RX    1000    1001    1002    1042    2042    2082    2083    2084
8418        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


8419        KK     370
8420        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 370
8421        BA     .07
8422        LG     .35     .35    3.42     .82     .00
8423        UI      8.     23.     42.     54.     76.    100.     74.     57.     42.     25.
```

```
8424        UI     14.     10.      6.      3.      3.      3.      0.      0.      0.      0.
8425        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8426        KK  RCP370
8427        KM        A00 HYDROGRAPHS AT CP370
8428        HC       2   63.99

8429        KK   RR370
8430        KM        RIVER ROUTE RCP370 TO RCP369
8431        RS       8              -1       0
8432        RC    .035    .035    .035    7000   .0025
8433        RX    1000    1001    1002    1042    2042    2082    2083    2084
8434        RY     916     916     916     900     900     916     916     916

8435        KK     369
8436        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 369
8437        BA     .15
8438        LG     .35     .35    3.16     .97     .00
8439        UI     21.     73.    115.    158.    245.    191.    139.     98.     48.     31.
8440        UI     19.      6.      6.      6.      0.      0.      0.      0.      0.      0.
8441        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8442        KK  RCP369
8443        KM        ADD HYDROGRAPHS AT RCP369
8444        HC       2   64.14

8445        KK   RR369
8446        KM        RIVER ROUTE RCP369 TO RCP368
8447        RS       3              -1       0
8448        RC    .035    .035    .035    2300   .0025
8449        RX    1000    1001    1002    1042    2042    2082    2083    2084
8450        RY     914     914     914     900     900     914     914     914

8451        KK     366
8452        KM        RUNOFF HYOROGRAPH FROM SUB-BASIN 366
8453        BA     .44
8454        LG     .50     .00    4.25     .55     .00
8455        UI     20.     20.     20.     49.     73.     89.    101.    112.    122.    136.
8456        UI    152.    171.    215.    252.    247.    210.    186.    168.    153.    136.
8457        UI    122.    109.     97.     84.     64.     46.     36.     34.     33.     26.
8458        UI     20.     20.     17.      6.      6.      6.      6.      6.      6.      6.
8459        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
8460        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


8461        KK    R366
8462        KM        ROUTE FLOW FROM CP366 TO CP368
8463        RS      40              -1
8464        RC    .075    .075    .075    6080   .0025
8465        RX    1000    1001    1040    1300    2340    2650    2699    2700
8466        RY     923     923     922     921     921     922     923     923

8467        KK     368
8468        KM        RUNOFF HYOROGRAPH FROM SUB-BASIN 368
8469        BA     .83
8470        LG     .50     .00    4.07     .60     .00
8471        UI     25.     25.     25.     25.     25.     73.     85.     95.    113.    120.
8472        UI    130.    138.    146.    156.    167.    181.    192.    206.    238.    283.
8473        UI    301.    330.    292.    263.    242.    224.    210.    199.    186.    172.
```

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8474        UI    159.    149.    139.    127.    120.    111.     95.     76.     71.     44.
8475        UI     44.     44.     41.     41.     41.     25.     25.     25.     25.     25.
8476        UI     11.      8.      8.      8.      8.      8.      8.      8.      8.      8.
8477        UI      8.      8.      8.      8.      8.      8.      8.      0.      0.      0.
8478        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8479        KK   CP368
8480        KM        ADD HYDROGRAPHS AT CP368
8481        HC       2    1.27

8482        KK   SR368
8483        KM        STORAGE ROUTE CP368 BEHIND BUCKEYE CANAL
8484        RS       1    STOR       0       0
8485        SV       0    1.84    7.82   26.86  173.63
8486        SQ       0       0       0     247    6031
8487        SE     914     916   916.9     918     920

8488        KK  RCP368
8489        KM        ADD HYDROGRAPHS AT RCP364
8490        HC       2   65.41

8491        KK   RR368
8492        KM        RIVER ROUTE RCP368 TO RCP364
8493        RS       6              -1       0
8494        RC    .035    .035    .035    5700   .0025
8495        RX    1000    1001    1002    1042    2042    2082    2083    2084
8496        RY     910     902     902     890     890     902     902     910

8497        KK    D364
8498        KM        RETURN DIVERT AT CP364
8499        DR  DIGILA

8500        KK  RCP364
8501        KM        ADD HYDROGRAPHS AT RCP364
8502        HC       2   90.46
```



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


8503        KK   RR364
8504        KM        RIVER ROUTE RCP364 TO RCP378B
8505        RS      16              -1       0
8506        RC    .035    .035    .035   11700   .0025
8507        RX    1000    1001    1002    1042    2042    2082    2083    2084
8508        RY     910     910     910     890     890     910     910     910

8509        KK   D378B
8510        KM        RETURN DIVERTED FLOW AT CP378B
8511        DR  2D378G

8512        KK  RC378B
8513        KM        ADD HYD. AT RCP378B
8514        HC       2   144.8

8515        KK  RR378B
8516        KM        RIVER ROUTE RCP378B TO RCP378A
8517        RS       3              -1       0
8518        RC    .035    .035    .035    2500   .0020
8519        RX    1000    1001    1002    1042    2042    2082    2083    2084
8520        RY     892     892     892     878     878     892     892     892
```

```
8521        KK    378A
8522        KM          RUNOFF HYDROGRAPH FROM SUB-BASIN    378A
8523        BA     .32
8524        LG     .50     .00    4.16     .77     .00
8525        UI     26.     26.     26.     26.     48.     86.     99.    115.    126.    137.
8526        UI    146.    156.    167.    183.    197.    212.    244.    294.    322.    337.
8527        UI    295.    264.    242.    225.    210.    197.    180.    165.    154.    141.
8528        UI    129.    121.    103.     84.     74.     46.     46.     45.     43.     43.
8529        UI     33.     26.     26.     26.     26.      9.      8.      8.      8.      8.
8530        UI      8.      8.      8.      8.      8.      8.      8.      8.      8.      8.
8531        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8532        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8533        KK  RC378A
8534        KM        ADD HYD. AT RCP378A
8535        HC       2  145.12

8536        KK  RR378A
8537        KM        RIVER ROUTE RCP378A TO RCP377A
8538        RS       3              -1       0
8539        RC    .035    .035    .035    2500    .002
8540        RX    1000    1001    1002    1042    2042    2082    2083    2084
8541        RY     892     892     892     878     878     892     892     892

8542        KK    377A
8543        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 377A
8544        BA     .27
8545        LG     .50     .00    3.82     .46     .00
8546        UI     13.     13.     13.     32.     46.     56.     64.     71.     77.     86.
8547        UI     96.    110.    139.    162.    148.    126.    112.    102.     92.     82.
8548        UI     74.     64.     59.     48.     36.     23.     22.     21.     20.     13.
8549        UI     13.     13.      6.      4.      4.      4.      4.      4.      4.      4.
```



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

8550        UI      4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
8551        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8552        KK  RC377A
8553        KM        ADD HYDROGRAPHS AT RCP377A
8554        HC       2  145.39

8555        KK  RR377A
8556        KM        RIVER ROUTE RCP377A TO RCP377B
8557        RS       5              -1       0
8558        RC    .035    .035    .035    4800    .002
8559        RX    1000    1001    1002    1042    2042    2082    2083    2084
8560        RY     896     896     896     875     875     896     896     896

8561        KK     361
8562        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 361
8563        BA     .21
8564        LG     .50     .00    5.10     .35     .00
8565        UI      8.      8.      8.     11.     28.     32.     39.     42.     46.     50.
8566        UI     54.     60.     65.     75.     93.    105.    105.     90.     80.     73.
8567        UI     68.     62.     55.     51.     46.     42.     38.     31.     24.     17.
8568        UI     15.     14.     14.     12.      8.      8.      8.      6.      3.      3.
8569        UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
8570        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8571        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
8572        KK   SR361
8573        KM        STORAGE ROUTE CP361 BEHIND BUCKEYE CANAL
8574        RS       1    STOR       0       0
8575        SV       0    1.54   41.94   65.51
8576        SQ       0       0       0     253
8577        SE   895.3     896     898   898.5

8578        KK    R361
8579        KM        ROUTE FLOW FROM CP361 TO CP377
8580        RS       7              -1
8581        RC    .075    .075    .075    2150   .0005
8582        RX    1000    1001    1002    1070    2070    2080    2099    2100
8583        RY     895     895     895     894     894     896     897     897

8584        KK     377
8585        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 377
8586        BA     .09
8587        LG     .50     .00    5.76     .33     .00
8588        UI      9.     19.     40.     52.     65.     90.    111.     83.     67.     52.
8589        UI     40.     21.     15.     11.      8.      3.      3.      3.      3.      0.
8590        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8591        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8592        KK   CP377
8593        KM        ADD HYDROGRAPHS AT CP377
8594        HC       2     .30
```



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


8595        KK   SR377
8596        KM        STORAGE ROUTE CP377
8597        RS       1    STOR       0       0
8598        SV       0   38.24   88.81  135.71
8599        SQ       0       0       0    1332
8600        SE   892.2     894   895.1     896

8601        KK    R377
8602        KM        ROUTE FLOW FROM CP377 TO CP377B
8603        RS      19              -1       0
8604        RC    .075    .075    .075    5620   .0009
8605        RX    1000    1001    1002    1050    1740    1758    1759    1760
8606        RY    1095    1095    1095    1094    1094    1095    1095    1095

8607        KK    377B
8608        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 377B
8609        BA     .12
8610        LG     .42     .05    3.50     .45    4.00
8611        UI      4.      4.      4.      4.      4.     12.     13.     15.     17.     19.
8612        UI     20.     21.     23.     24.     26.     28.     30.     34.     40.     45.
8613        UI     50.     45.     40.     36.     34.     32.     30.     28.     26.     24.
8614        UI     22.     20.     19.     18.     16.     13.     11.      9.      7.      7.
8615        UI      6.      6.      6.      4.      4.      4.      4.      4.      2.      1.
8616        UI      1.      1.      1.      1.      1.      1.      1.      1.      1.      1.
8617        UI      1.      1.      1.      1.      0.      0.      0.      0.      0.      0.
8618        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8619        KK  CP337B
8620        KM        ADD HYDROGRAPHS AT CP377B
8621        HC       2     .42
```

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8622        KK  RC377B
8623        KM        ADD HYDROGRAPHS AT RCP377B
8624        HC       2  145.81

8625        KK  RR377B
8626        KM        RIVER ROUTE RCP377B TO RCP387
8627        RS      10              -1       0
8628        RC    .035    .035    .035    9200    .002
8629        RX    1000    1001    1002    1042    2042    2082    2083    2084
8630        RY     878     878     878     868     868     878     878     878

8631        KK     387
8632        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 387
8633        BA     .25
8634        LG     .50     .00    6.86     .26     .00
8635        UI     12.     12.     12.     34.     45.     57.     63.     69.     77.     86.
8636        UI     96.    115.    145.    155.    130.    113.    102.     92.     81.     73.
8637        UI     64.     57.     48.     35.     24.     21.     20.     19.     12.     12.
8638        UI     12.      5.      4.      4.      4.      4.      4.      4.      4.      4.
8639        UI      4.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8640        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                                          HEC-1 INPUT                                          PAGE196

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


8641        KK  RCP387
8642        KM        ADD HYDROGRAPHS AT CP387
8643        HC       2  146.06

8644        KK   RR387
8645        KM        RIVER ROUTE RCP387 TO RCP386
8646        RS       3              -1       0
8647        RC    .035    .035    .035    2800   .0025
8648        RX    1000    1001    1002    1042    2042    2082    2083    2084
8649        RY     872     872     872     860     860     872     872     872

8650        KK     386
8651        KM        RUNOFF HYDROGRAPH FROM SUB-8ASIN 386
8652        BA     .35
8653        LG     .50     .00    5.87     .33     .00
8654        UI     13.     13.     13.     13.     41.     48.     57.     64.     70.     76.
8655        UI     81.     89.     98.    105.    122.    148.    168.    164.    143.    128.
8656        UI    117.    108.    100.     91.     82.     76.     68.     63.     55.     44.
8657        UI     37.     23.     23.     22.     22.     20.     13.     13.     13.     12.
8658        UI      4.      4.      4.      4.      4.      4.      4.      4.      4.      4.
8659        UI      4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
8660        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      D.

8661        KK  RCP386
8662        KM        ADD HYDROGRAPHS AT RCP386
8663        HC       2  146.41

8664        KK   RR386
8665        KM        RIVER ROUTE RCP386 TO RCP383A
8666        RS       2              -1       0
8667        RC    .035    .035    .035    1800   .0025
8668        RX    1000    1001    1002    1042    2042    2082    2083    2084
8669        RY     870     870     870     860     860     870     870     870

8670        KK     383A
8671        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 383A
```

```
8672        BA     .16
8673        LG     .50     .00    6.41     .29     .00
8674        UI      7.      7.      7.     17.     26.     32.     37.     40.     44.     49.
8675        UI     55.     61.     76.     91.     91.     77.     68.     61.     56.     50.
8676        UI     45.     40.     36.     31.     24.     18.     13.     12.     12.     10.
8677        UI      7.      7.      7.      2.      2.      2.      2.      2.      2.      2.
8678        UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
8679        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8680        KK  RC383A
8681        KM        ADD HYDROGRAPHS AT RCP383A
8682        HC       2  146.57
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8683        KK  RR383A
8684        KM        RIVER ROUTE RCP383A TO RCP383
8685        RS       4              -1       0
8686        RC    .035    .035    .035    3700    .002
8687        RX    1000    1001    1002    1042    2042    2082    2083    2084
8688        RY     873     873     873     860     860     873     873     873

8689        KK     383
8690        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 383
8691        BA     .18
8692        LG     .50     .00    6.68     .27     .00
8693        UI      9.      9.     10.     31.     38.     45.     51.     56.     64.     72.
8694        UI     85.    107.    121.    100.     87.     78.     70.     61.     54.     47.
8695        UI     41.     31.     22.     17.     16.     15.     10.      9.      9.      3.
8696        UI      3.      3.      3.      3.      3.      3.      3.      3.      0.      0.
8697        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8698        KK  RCP383
8699        KM        ADD HYDROGRAPHS AT RCP383
8700        HC       2  146.75

8701        KK   RR383
8702        KM        RIVER ROUTE RCP383 TO RCP381B
8703        RS       3              -1       0
8704        RC    .035    .035    .035    2700    .002
8705        RX    1000    1001    1002    1042    2042    2082    2083    2084
8706        RY     866     866     866     854     854     866     866     866

8707        KK    381B
8708        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 381B
8709        BA     .07
8710        LG     .50     .00    6.68     .27     .00
8711        UI      4.      4.      8.     15.     19.     22.     25.     29.     33.     43.
8712        UI     53.     47.     39.     35.     30.     26.     23.     20.     15.     10.
8713        UI      7.      7.      6.      4.      4.      2.      1.      1.      1.      1.
8714        UI      1.      1.      1.      0.      0.      0.      0.      0.      0.      0.
8715        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8716        KK  RC381B
8717        KM        ADD HYDROGRAPHS AT RCP381B
8718        HC       2  146.82

8719        KK  RR381B
8720        KM        RIVER ROUTE RCP381B TO RCP380
8721        RS       3              -1       0
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```
8722        RC    .035    .035    .035    2600    .002
8723        RX    1000    1001    1002    1042    2042    2082    2083    2084
8724        RY     864     864     864     850     850     864     864     864
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

8725        KK     381
8726        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 381
8727        BA     .21
8728        LG     .50     .00    7.15     .23     .00
8729        UI     11.     11.     11.     35.     44.     52.     59.     65.     73.     82.
8730        UI     96.    121.    140.    119.    102.     91.     82.     72.     64.     56.
8731        UI     50.     38.     28.     19.     18.     18.     13.     11.     11.      6.
8732        UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      0.
8733        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      D.
8734        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8735        KK   SR381
8736        KM        STORAGE ROUTE CP381
8737        RS       1    STOR       0       0
8738        SV       0   11.22   90.09
8739        SQ       0       0    2174
8740        SE   866.3   866.9     868

8741        KK    R381
8742        KM        ROUTE FLOW AT CP381 TO CP380
8743        RS      38              -1
8744        RC    .075    .075    .075    3430   .0015
8745        RX    1000    1001    1002    1240    2120    2358    2359    2360
8746        RY    1064    1064    1064  1062.5  1062.5    1063    1063    1063

8747        KK     380
8748        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 380
8749        BA     .20
8750        LG     .50     .00    7.20     .22     .00
8751        UI     11.     11.     17.     39.     49.     57.     64.     72.     83.     96.
8752        UI    124.    145.    121.    103.     92.     81.     70.     62.     54.     44.
8753        UI     31.     20.     19.     18.     12.     11.     11.      3.      3.      3.
8754        UI      3.      3.      3.      3.      3.      0.      0.      0.      0.      0.
8755        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8756        KK   CP380
8757        KM        ADD HYDROGRAPHS AT CP380
8758        HC       2     .41

8759        KK  RCP380
8760        KM        ADD HYDROGRAPHS AT RCP380
8761        HC       2  147.23

8762        KK     292
8763        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 292
8764        BA     .96
8765        LG     .30     .27    3.78     .36    6.00
8766        UI     86.    139.    337.    446.    537.    663.    932.   1030.    785.    647.
8767        UI    521.    419.    284.    157.    142.     90.     75.     26.     26.     26.
8768        UI     26.     26.      0.      0.      0.      0.      0.      0.      0.      0.
8769        UI      0.      0.      0.      0.      0.      0.      0.      D.      0.      0.
```



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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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8770        KK    D292
8771        KM        DIVERT FROM CP292 TO CP306
8772        DT   1D306
8773        DI       0       6     301    1014    2937    5622
8774        DQ       0       6     145     510    1579    2942

8775        KK    R292
8776        KM        ROUTE REMAINDER FROM CP292 TO CP293
8777        RS       3              -1
8778        RC    .075     .03     .03    2200   .0027
8779        RX    1000    1140    1440    1730    1810    1828    1829    1830
8780        RY    1015    1014    1012    1010    1010    1011    1D11    1011

8781        KK     293
8782        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 293
8783        BA     .77
8784        LG     .44     .07    3.74     .37    2.00
8785        UI     49.     49.    113.    191.    239.    276.    314.    366.    442.    591.
8786        UI    593.    480.    413.    362.    308.    263.    225.    164.    105.     85.
8787        UI     81.     55.     49.     36.     15.     15.     15.     15.     15.     15.
8788        UI     15.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8789        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8790        KK   CP293
8791        KM        ADD HYDROGRAPHS AT CP293
8792        HC       2    1.73

8793        KK   SR293
8794        KM        STORAGE ROUTE BEHIND ROOSEVELT CANAL AT CP293
8795        RS       1    STOR       0       0
8796        SV       0    8.72   22.32    35.0
8797        SQ       0       0    1450    3600
8798        SE  1006.4  1007.4    1008  1008.5

8799        KK    R293
8800        KM        ROUTE FLOW FROM CP293 TO CP293A
8801        RS      11              -1       0
8802        RC    .075    .075    .075    2650   .0008
8803        RX    1000    1001    1002    1090    1300    1430    1769    1770
8804        RY    1010    1006    1006    1005    1005    1006    1008    1010

8805        KK    293A
8806        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 293A
8807        BA     .07
8808        LG     .50     .00    3.50     .47     .00
8809        UI      6.      7.     21.     29.     34.     41.     51.     72.     62.     50.
8810        UI     42.     34.     28.     19.     11.     10.      7.      6.      3.      2.
8811        UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
8812        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


8813        KK  CP293A
8814        KM        ADD HYDROGRAPHS AT CP293A
8815        HC       2    1.80

8816        KK  SR293A
8817        KM        STORAGE ROUTE BEHIND ROOSEVELT CANAL AT CP293A
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8818        RS      1    STOR       0       0
8819        SV      0     3.5    8.24   18.67   34.37   48.42
8820        SQ      0       0       0       0     891    2563
8821        SE  1002.5    1004  1004.6  1005.3    1006  1006.5

8822        KK   D293A
8823        KM        DIVERT FROM CP293A TO CP306
8824        DT   2D306
8825        DI      0     409     891
8826        DQ      0      41      91

8827        KK   R293A
8828        KM        ROUTE REMAINDER FROM CP293A TO CP309
8829        RS     20              -1       0
8830        RC   .075    .075    .075    5930   .0057
8831        RX   1000    1001    1002    1270    2340    2598    2599    2600
8832        RY  1083.5   1083    1083    1082    1082    1083    1083  1083.5

8833        KK    294
8834        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 294
8835        BA    .18
8836        LG    .35     .35    3.54     .28     .00
8837        UI    29.    116.    174.    272.    306.    206.    140.     67.     39.     20.
8838        UI     9.      9.      0.      0.      0.      0.      0.      0.      0.      0.
8839        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8840        KK   SR294
8841        KM        STORAGE ROUTE THROUGH CP294
8842        RS      1    STOR       0       0
8843        SV      0    6.32   19.56  300.91  635.31  899.95  942.11  979.46
8844        SQ      0       0       0       0       0       0     715    2198
8845        SE  970.4     972     980     990    1000    1007    1008  1008.8

8846        KK    R294
8847        KM        ROUTE FLOW FROM CP294 TO CP309
8848        RS      5              -1
8849        RC   .075    .075    .075    6240   .0058
8850        RX   1000    1001    1020    1230    1880    2300    2350    2440
8851        RY    993     993     992     990     990     992     994     995

8852        KK    309
8853        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 309
8854        BA   1.07
8855        LG    .50     .00    3.57     .44     .00
8856        UI    43.     43.     43.     59.    142.    165.    200.    218.    238.    258.
8857        UI   281.    312.    339.    392.    481.    551.    528.    455.    407.    371.
8858        UI   344.    313.    282.    256.    232.    209.    187.    151.    123.     76.
8859        UI    76.     72.     71.     57.     43.     43.     43.     23.     13.     13.
```



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

8860        UI    13.     13.     13.     13.     13.     13.     13.     13.     13.      0.
8861        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8862        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8863        KK   1I309
8864        KM        ADD HYDROGRAPHS AT CP309
8865        HC      2    1.25

8866        KK   CP309
8867        KM        ADD HYDROGRAPHS AT CP309
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8868        HC      2    3.05

8869        KK    R309
8870        KM        ROUTE FLOW FROM CP309 TO CP328
8871        RS      17              -1
8872        RC    .075     .07    .075    5770   .0047
8873        RX    1000    1060    1200    1460    2160    2838    2839    2840
8874        RY    1063    1062    1060    1058    1058    1060    1060    1060

8875        KK     328
8876        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 328
8877        BA     .76
8878        LG     .46     .09    3.56     .42     .00
8879        UI     37.     37.     37.    111.    144.    177.    198.    218.    242.    274.
8880        UI    305.    380.    468.    459.    385.    339.    306.    275.    241.    217.
8881        UI    189.    168.    130.     96.     66.     64.     62.     47.     37.     37.
8882        UI     26.     11.     11.     11.     11.     11.     11.     11.     11.     11.
8883        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8884        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8885        KK   CP328
8886        KM        ADD HYDROGRAPHS AT CP328
8887        HC      2    3.81

8888        KK    R328
8889        KM        ROUTE FLOW FROM CP328 TO CP344
8890        RS       7              -1
8891        RC     .06    .035    .075    6240   .0053
8892        RX    1000    1001    1265    1270    1290    1400    1700    2150
8893        RY     933     933     932     930     930     931     930     933

8894        KK     344
8895        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 344
8896        BA     .61
8897        LG     .50     .00    3.54     .47     .00
8898        UI     22.     22.     22.     22.     60.     79.     91.    105.    114.    123.
8899        UI    133.    143.    158.    170.    188.    220.    262.    294.    262.    231.
8900        UI    209.    192.    179.    166.    150.    138.    128.    114.    106.     94.
8901        UI     77.     64.     42.     39.     38.     37.     37.     23.     22.     22.
8902        UI     22.     12.      7.      7.      7.      7.      7.      7.      7.      7.
8903        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
8904        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

8905        KK   CP344
8906        KM        ADD HYDROGRAPHS AT CP344
8907        HC      2    4.42

8908        KK    D292
8909        KM        RETURN DIVERT AT CP292
8910        DR   1D306

8911        KK    R292
8912        KM        ROUTE FLOW FROM CP292 TO CP306
8913        RS       4              -1
8914        RC    .035    .035    .075    2500   .0032
8915        RX    1000    1001    1002    1015    1035    1770    2009    2010
8916        RY    1012    1009    1009    1008    1008    1010    1012    1012
```

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8917        KK   D293A
8918        KM        RETURN DIVERT AT CP293A
8919        DR   2D306

8920        KK   R293A
8921        KM        ROUTE FLOW FROM CP293A TO CP306
8922        RS       4              -1       0
8923        RC     .03     .03    .075    1200   .0008
8924        RX    1000    1001    1002    1030    1090    1200    1530    1760
8925        RY    1007    1006    1006    1005    1005    1006    1008    1010

8926        KK   1I306
8927        KM        ADD HYDROGRAPHS AT CP306
8928        HC       2    1.80

8929        KK     306
8930        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 306
8931        BA     .49
8932        LG     .50     .00    3.67     .46     .00
8933        UI     25.     25.     25.     80.    100.    119.    136.    149.    167.    189.
8934        UI    218.    275.    325.    280.    240.    213.    193.    169.    150.    132.
8935        UI    118.     94.     70.     44.     43.     41.     33.     25.     25.     17.
8936        UI      8.      8.      8.      8.      8.      8.      8.      8.      8.      0.
8937        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
8938        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8939        KK   CP306
8940        KM        ADD HYDROGRAPHS AT CP306
8941        HC       2    2.29

8942        KK   SR306
8943        KM        STORAGE ROUTE BEHIND ROOSEVELT CANAL AT CP306
8944        RS       1    STOR       0       0
8945        SV       0    3.71   13.04
8946        SQ       0       0    3426
8947        SE  1004.5  1005.3    1006
```



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


8948        KK    R306
8949        KM        ROUTE FLOW FROM CP306 TO CP308
8950        RS       5              -1
8951        RC    .035    .035    .075    3740   .0072
8952        RX    1000    1001    1002    1020    1410    1760    2059    2060
8953        RY     997     997     997     996     996     998     999     999

8954        KK     308
8955        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 308
8956        BA     .32
8957        LG     .50     .00    3.50     .47     .00
8958        UI     19.     19.     36.     69.     89.    102.    115.    132.    151.    194.
8959        UI    241.    217.    181.    159.    139.    120.    104.     90.     69.     47.
8960        UI     34.     32.     27.     19.     19.     10.      6.      6.      6.      6.
8961        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
8962        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8963        KK   CP308
8964        KM        ADD HYDROGRAPHS AT CP308
8965        HC       2    2.61
```

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8966        KK    R308
8967        KM        ROUTE FLOW FROM CP308 TO CP327
8968        RS       4              -1
8969        RC     .03     .03    .075    5280    .007
8970        RX    1000    1001    1015    1020    1040    1260    1820    2050
8971        RY     957     957     956     954     954     956     958     959

8972        KK     327
8973        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 327
8974        BA     .53
8975        LG     .50     .00    3.50     .47     .00
8976        UI     25.     25.     25.     68.     93.    115.    129.    143.    157.    177.
8977        UI    195.    231.    287.    329.    282.    244.    218.    199.    177.    157.
8978        UI    140.    125.    108.     84.     61.     45.     43.     41.     32.     25.
8979        UI     25.     20.      8.      8.      8.      8.      8.      8.      8.      8.
8980        UI      8.      8.      0.      0.      0.      0.      0.      0.      0.      0.
8981        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

8982        KK   CP327
8983        KM        ADD HYDROGRAPHS AT CP327
8984        HC       2    3.14

8985        KK    R327
8986        KM        ROUTE FLOW FROM CP327 TO CP343
8987        RS       3              -1
8988        RC     .02     .02     .05    5280   .0061
8989        RX    1000    1001    1015    1020    1035    1045    1410    1820
8990        RY     931     931     930     928     928     930     932     933
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


8991        KK     343
8992        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 343
8993        BA     .51
8994        LG     .50     .00    3.68     .45     .00
8995        UI     21.     21.     21.     33.     71.     83.     99.    109.    119.    128.
8996        UI    142.    157.    171.    204.    247.    278.    241.    211.    190.    174.
8997        UI    161.    144.    131.    118.    106.     98.     80.     61.     43.     37.
8998        UI     36.     35.     30.     21.     21.     21.     12.      6.      6.      6.
8999        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
9000        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9001        KK   11C343
9002        KM        ADD HYDROGRAPHS AT CP343
9003        HC       2    3.65

9004        KK   CP343
9005        KM        ADD HYDROGRAPHS AT CP343 AND CP344
9006        HC       2    6.27

9007        KK    R343
9008        KM        ROUTE FLOW FROM CP343 AND CP344 TO CP356
9009        RS       3              -1
9010        RC     .07    .035     .07    2100   .0048
9011        RX    1000    1670    2250    2265    2400    2818    2819    2820
9012        RY    1010    1002    1003    1002    1002    1003    1003    1010

9013        KK     356
9014        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 356
9015        BA     .35
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9016        LG    .50     .00    3.50     .47     .00
9017        UI    26.     26.     81.    114.    138.    160.    191.    238.    324.    281.
9018        UI   229.    197.    164.    137.    113.     77.     45.     43.     33.     26.
9019        UI    17.      8.      8.      8.      8.      8.      8.      0.      0.      0.
9020        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9021        KK   CP356
9022        KM        ADD HYDROGRAPHS AT CP356
9023        HC       2    6.62

9024        KK   SR356
9025        KM        STORAGE ROUTE BEHIND S.P.R.R. AT CP356
9026        RS       1    STOR       0       0
9027        SV       0     .22    18.8   41.67   62.23   82.48
9028        SQ       0      24      57      67     798    3073
9029        SE   894.5     896     898   898.9   899.5   900.0

9030        KK    R356
9031        KM        ROUTE FLOW FROM CP356 TO CP355
9032        RS       5              -1
9033        RC    .075    .075    .075    1300   .0004
9034        RX    1000    1001    1002    1040    2290    2348    2349    2350
9035        RY     900     895     895     894     894     895     895     900
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

9036        KK     355
9037        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 355
9038        BA     .10
9039        LG     .50     .00    6.75     .27     .00
9040        UI      5.      5.      5.     17.     21.     24.     28.     31.     34.     39.
9041        UI     45.     57.     67.     57.     49.     43.     39.     34.     31.     27.
9042        UI     24.     19.     14.      9.      9.      8.      6.      5.      5.      3.
9043        UI      2.      2.      2.      2.      2.      2.      2.      2.      2.      0.
9044        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9045        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9046        KK   1I355
9047        KM        ADD HYDROGRAPHS AT CP355
9048        HC       2    6.72

9049        KK     307
9050        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 307
9051        BA     .21
9052        LG     .50     .00    3.59     .46     .00
9053        UI     17.     18.     58.     78.     94.    111.    135.    188.    199.    155.
9054        UI    131.    108.     89.     72.     46.     29.     27.     18.     17.      6.
9055        UI      5.      5.      5.      5.      5.      0.      0.      0.      0.      0.
9056        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9057        KK    R307
9058        KM        ROUTE FLOW FROM CP307 TO CP326
9059        RS      10              -1       0
9060        RC    .035    .035    .075    5280   .0066
9061        RX    1000    1001    1002    1015    1040    1800    2089    2090
9062        RY     962     961     961     960     960     962     963     963

9063        KK     326
9064        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 326
9065        BA     .54
```

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9066        LG    .50     .00    3.69     .45     .00
9067        UI    25.     25.     25.     61.     90.    110.    126.    138.    151.    168.
9068        UI   189.    212.    269.    312.    301.    256.    227.    205.    188.    165.
9069        UI   149.    133.    119.    101.     76.     54.     44.     42.     41.     30.
9070        UI    25.     25.     19.      8.      8.      8.      8.      8.      8.      8.
9071        UI     8.      8.      8.      0.      0.      0.      0.      0.      0.      0.
9072        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9073        KK   CP326
9074        KM        ADD HYDROGRAPHS AT CP326
9075        HC       2     .75

9076        KK    R326
9077        KM        ROUTE FLOW FROM CP326 TO CP342A
9078        RS       8              -1       0
9079        RC    .035    .035    .075    5280   .0068
9080        RX    1000    1001    1002    1015    1100    1950    2219    2220
9081        RY     934     933     933     932     932     934     935     935
                                          HEC-1 INPUT                                          PAGE206

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


9082        KK    342A
9083        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 342A
9084        BA     .38
9085        LG    .50     .00    3.64     .45     .00
9086        UI    16.     16.     16.     25.     53.     62.     74.     81.     88.     95.
9087        UI   105.    117.    127.    151.    183.    207.    180.    157.    142.    130.
9088        UI   120.    107.     97.     88.     79.     73.     60.     45.     33.     28.
9089        UI    27.     26.     23.     16.     16.     16.     10.      5.      5.      5.
9090        UI     5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
9091        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9092        KK  CP342A
9093        KM        ADD HYDROGRAPHS AT CP342A
9094        HC       2    1.13

9095        KK   R342A
9096        KM        ROUTE FLOW FROM CP342A TO CP354
9097        RS       5              -1       0
9098        RC    .05     .05    .075    2960   .0061
9099        RX   1000    1001    1002    1010    1420    1878    1879    1880
9100        RY    910     909     909     908     908     910     910     910

9101        KK     354
9102        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 354
9103        BA     .31
9104        LG    .50     .00    3.64     .45     .00
9105        UI    23.     23.     76.    104.    127.    147.    175.    232.    291.    242.
9106        UI   200.    171.    142.    118.     94.     57.     40.     38.     24.     23.
9107        UI     9.      7.      7.      7.      7.      7.      0.      0.      0.      0.
9108        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9109        KK   CP354
9110        KM        ADD HYDROGRAPHS AT CP354
9111        HC       2    1.44

9112        KK   SR354
9113        KM        STORAGE ROUTE BEHIND S.P.R.R. AT CP354
9114        RS       1    STOR       0       0
9115        SV       0     .24   17.91   40.51
```

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9116        SQ      0      74     252    1465
9117        SE    887   891.9     895     896

9118        KK    R354
9119        KM        ROUTE FLOW FROM CP354 TO CP355
9120        RS     10              -1       0
9121        RC    .07     .07     .07    1700   .0003
9122        RX   1000    1001    1002    1040    2290    2348    2349    2350
9123        RY  895.5     895     895     894     894     895     895   895.5
```



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


9124        KK   2I355
9125        KM        ADD HYDROGRAPHS AT CP355
9126        HC       2    8.16

9127        KK     310
9128        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 310
9129        BA     .19
9130        LG     .50     .00    3.76     .46     .00
9131        UI     14.     14.     40.     59.     71.     82.     97.    118.    162.    159.
9132        UI    128.    109.     92.     78.     65.     48.     30.     23.     22.     14.
9133        UI     14.      6.      4.      4.      4.      4.      4.      4.      0.      0.
9134        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9135        KK    R310
9136        KM        ROUTE FLOW FROM CP310 TO CP329
9137        RS       4              -1
9138        RC     .06    .025    .075    5280    .007
9139        RX    1000    1001    1245    1250    1260    1350    1600    1820
9140        RY     945     945     944     942     942     945     944     945

9141        KK     329
9142        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 329
9143        BA     .63
9144        LG     .43     .07    3.62     .44    3.00
9145        UI     36.     36.     62.    129.    163.    190.    213.    241.    277.    334.
9146        UI    435.    449.    368.    318.    284.    245.    216.    184.    158.    117.
9147        UI     76.     63.     60.     47.     36.     36.     15.     11.     11.     11.
9148        UI     11.     11.     11.     11.      0.      0.      0.      0.      0.      0.
9149        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9150        KK   CP329
9151        KM        ADD HYOROGRAPHS AT CP329
9152        HC       2     .82

9153        KK    R329
9154        KM        ROUTE FLOW FROM CP329 TO CP345
9155        RS       3              -1
9156        RC     .02     .02     .04    5280   .0066
9157        RX    1000    1001    1002    1020    1035    1040    1130    1720
9158        RY     931     931     931     930     930     931     930     932

9159        KK     345
9160        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 345
9161        BA     .43
9162        LG     .50     .00    3.71     .45     .00
9163        UI     20.     20.     20.     48.     71.     86.     99.    109.    119.    133.
9164        UI    149.    167.    209.    246.    242.    205.    181.    164.    150.    133.
9165        UI    119.    107.     95.     82.     63.     45.     35.     33.     32.     25.
```

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9166        UI    20.    20.    17.     6.     6.     6.     6.     6.     6.     6.
9167        UI     6.     6.     6.     0.     0.     0.     0.     0.     0.     0.
9168        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

9169        KK   CP345
9170        KM        ADD HYDROGRAPHS AT CP345
9171        HC       2    1.25

9172        KK    R345
9173        KM        ROUTE FLOW FROM CP345 TO CP357
9174        RS       4              -1
9175        RC     .07     .07     .07    1300   .0031
9176        RX    1000    1001    1002    1020    2100    2238    2239    2240
9177        RY     910     901     901     900     900     901     901     910

9178        KK     357
9179        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 357
9180        8A     .14
9181        LG     .50     .00    3.50     .47     .00
9182        UI     10.     10.     26.     40.     49.     57.     66.     78.    104.    122.
9183        UI     98.     82.     71.     60.     51.     42.     30.     18.     16.     14.
9184        UI     10.      9.      3.      3.      3.      3.      3.      3.      3.      0.
9185        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9186        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9187        KK   CP357
9188        KM        ADD HYDROGRAPHS AT CP357
9189        HC       2    1.39

9190        KK     346
9191        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 346
9192        BA     .51
9193        LG     .45     .12    3.74     .41     .00
9194        UI     31.     31.     60.    111.    143.    165.    185.    213.    244.    319.
9195        UI    386.    342.    287.    252.    220.    190.    164.    142.    106.     71.
9196        UI     54.     50.     41.     31.     31.     12.      9.      9.      9.      9.
9197        UI      9.      9.      9.      0.      0.      0.      0.      0.      0.      0.
9198        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9199        KK    R346
9200        KM        ROUTE FLOW FROM CP346 TO CP359
9201        RS       6              -1
9202        RC     .07     .07     .07    1300   .0031
9203        RX    1000    1001    1002    1300    2170    2198    2199    2200
9204        RY     902     902     902     900     900     901     901     901

9205        KK     359
9206        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 359
9207        BA     .10
9208        LG     .50     .00    3.54     .47     .00
9209        UI      8.      8.     27.     37.     44.     52.     63.     86.     96.     75.
9210        UI     63.     52.     43.     35.     24.     14.     13.      9.      8.      4.
9211        UI      2.      2.      2.      2.      2.      0.      0.      0.      0.      0.
9212        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
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9213        KK   1I359
9214        KM        ADD HYDROGRAPHS AT CP359
9215        HC       2     .61

9216        KK   2I359
9217        KM        ADD HYDROGRAPHS AT CP359 AND CP357
9218        HC       2     2.0

9219        KK    346C
9220        KM        RUNOFF FROM SUBBASIN 346C
9221        BA     .12
9222        LG     .50     .00    3.64     .50     .00
9223        UI     11.     17.     42.     55.     66.     82.    113.    129.     99.     81.
9224        UI     66.     53.     37.     21.     18.     12.     10.      3.      3.      3.
9225        UI      3.      3.      0.      0.      0.      0.      0.      0.      0.      0.
9226        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9227        KK  SR346C
9228        KM        STORAGE ROUTE BEHIND S.P.R.R. SPUR AT CP346C
9229        RS       1    STOR       0       0
9230        SV       0     .55   10.29   18.98   32.91   43.76
9231        SQ       0       0       0       0    1040    2866
9232        SE   905.4     906     908     909     910   910.5

9233        KK    346B
9234        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 346B
9235        BA     .27
9236        LG     .50     .00    3.83     .46     .00
9237        U     10.     10.     10.     10.     32.     38.     44.     49.     55.     59.
9238        UI     63.     69.     76.     83.     96.    116.    133.    125.    109.     98.
9239        UI     90.     83.     77.     69.     63.     58.     52.     48.     41.     33.
9240        UI     27.     18.     18.     17.     17.     14.     10.     10.     10.      7.
9241        UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
9242        UI      3.      3.      0.      0.      0.      0.      0.      0.      0.      0.
9243        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9244        KK  CP346B
9245        KM        ADD HYDROGRAPHS AT CP346B
9246        HC       2     .39

9247        KK  SR346B
9248        KM        STORAGE ROUTE BEHIND S.P.R.R. AT CP346B
9249        RS       1    STOR       0       0
9250        SV       0     .84    1.72    3.88    7.13   16.26
9251        SQ       0       0      27     349    1675    5428
9252        SE     907   907.7     908   908.5     909     910

9253        KK   D346B
9254        KM        DIVERT FLOW FROM CP346B TO CP360
9255        DT   DI360
9256        DI       0      27     349    1675    5428
9257        DQ       0       0      69     423    2390
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

9258        KK   R346B
9259        KM        ROUTE REMAINDER FROM CP346B TO CP359
9260        RS       5              -1       0
9261        RC    .035    .035     .07    2600   .0038
```

```
9262        RX    1000    1001    1002    1020    1310    2038    2039    2040
9263        RY     910     903     903   901.5   901.5     904     904     910

9264        KK   CP359
9265        KM        A00 HYDROGRAPHS AT CP359
9266        HC       2    2.39

9267        KK   SR359
9268        KM        STORAGE ROUTE BEHIND S.P.R.R. AT CP357 AND CP359
9269        RS       1    STOR       0       0
9270        SV       0     .17   40.13  133.48  154.54  192.63
9271        SQ       0      90     120     242     937    1741
9272        SE   894.5     898     900   901.7     902   902.5

9273        KK    R359
9274        KM        ROUTE FLOW FROM CP357 AND CP359 TO CP360
9275        RS      10              -1
9276        RC    .075    .075    .075    1790   .0022
9277        RX    1000    1001    1002    1220    2380    2758    2759    2760
9278        RY     900     897     897     896     896     897     897     900

9279        KK     360
9280        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 360
9281        BA     .25
9282        LG     .46     .08    5.43     .32     .00
9283        UI     11.     11.     11.     27.     41.     50.     57.     63.     69.     76.
9284        UI     85.     95.    117.    142.    142.    120.    106.     96.     88.     78.
9285        UI     70.     63.     56.     49.     38.     28.     20.     20.     19.     16.
9286        UI     11.     11.     11.      4.      3.      3.      3.      3.      3.      3.
9287        UI      3.      3.      3.      3.      0.      0.      0.      0.      0.      0.
9288        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9289        KK   1I360
9290        KM        ADD HYDROGRAPHS AT CP360
9291        HC       2    2.64

9292        KK   03468
9293        KM        RETURN DIVERT AT CP346B
9294        OR   DI360

9296        KK   R346B
9296        KM        ROUTE FLOW FROM CP346B TO CP360
9297        RS      15              -1       0
9298        RC    .075    .075    .075    4990   .0028
9299        RX    1000    1001    1025    1035    1120    1250    1570    1650
9300        RY     903     903     902     900     900     902     904     905
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9301        KK   CP360
9302        KM        ADD HYDROGRAPHS AT CP360
9303        HC       2    2.64

9304        KK   SR360
9305        KM        STORAGE ROUTE AT CP360
9306        RS       1    STOR       0       0
9307        SV       0    6.01   19.07   75.17
9308        SQ       0       0       0    1938
9309        SE   893.2     894   894.6     896
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9310        KK    R360
9311        KM        ROUTE FLOW FROM CP360 TO CP358
9312        RS     19              -1
9313        RC   .075    .075    .075    4060   .0002
9314        RX   1000    1001    1002    1020    1420    1580    1979    1980
9315        RY    900     896     896     894     894     896     898     900

9316        KK    358
9317        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 358
9318        BA    .19
9319        LG    .50     .00    4.50     .41     .00
9320        UI     8.      8.      8.      9.     25.     29.     34.     38.     41.     45.
9321        UI    48.     54.     58.     66.     81.     93.     96.     83.     73.     67.
9322        UI    61.     57.     51.     47.     42.     38.     35.     29.     22.     17.
9323        UI    13.     13.     12.     12.      8.      8.      8.      7.      2.      2.
9324        UI     2.      2.      2.      2.      2.      2.      2.      2.      2.      2.
9325        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      D.
9326        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9327        KK   CP358
9328        KM        ADD HYDROGRAPHS AT CP358
9329        HC      2    2.83

9330        KK   SR358
9331        KM        STORAGE ROUTE OVER PERRYVILLE ROAD AT CP358
9332        RS      1    STOR       0       0
9333        SV      0   26.03   53.59   93.06  152.89
9334        SQ      0       0       0     837    5651
9335        SE  892.5     894   894.7   895.5   896.5

9336        KK    R358
9337        KM        ROUTE FLOW FROM CP358 TO CP355
9338        RS      3              -1
9339        RC   .075    .075    .075     550   .D009
9340        RX   1000    1001    1002    1040    2290    2348    2349    2350
9341        RY    900     895     895     894     894     895     895     900

9342        KK   CP355
9343        KM        ADD HYDROGRAPHS AT CP355
9344        HC      2   10.99
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9345        KK   SR355
9346        KM        STORAGE ROUTE OVER BUCKEYE CANAL AT CP355
9347        RS      1    STOR       0       0
9348        SV      0     3.8   61.42    88.6  116.74  146.56  179.56
9349        SQ      0       0       0       0    1011    3120    5732
9350        SE  890.2     892     894   894.5     895   895.5     899

9351        KK    R355
9352        KM        ROUTE FLOW FROM CP355 TO CP373
9353        RS     12              -1
9354        RC   .075    .075    .075    3120   .0022
9355        RX   1000    1001    1020    1240    219D    2500    2639    2640
9356        RY    900     887     886     885     885     886     887     900

9357        KK    373
9358        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 373
9359        BA    .43
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9360        LG    .50     .00    5.37     .36     .00
9361        UI    26.     26.     49.     93.    119.    137.    154.    178.    203.    260.
9362        UI   323.    291.    243.    213.    187.    161.    140.    121.     92.     63.
9363        UI    45.     42.     37.     26.     26.     13.      8.      8.      8.      8.
9364        UI     8.      8.      8.      0.      0.      0.      0.      0.      0.      0.
9365        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9366        KK   1I373
9367        KM        AOD HYDROGRAPHS AT CP373
9368        HC       2   11.42

9369        KK    355A
9370        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 355A
9371        BA     .04
9372        LG    .50     .00    3.88     .45     .00
9373        UI     4.      6.     14.     19.     23.     28.     39.     43.     33.     27.
9374        UI    22.     17.     12.      6.      6.      4.      3.      1.      1.      1.
9375        UI     1.      1.      0.      0.      0.      0.      0.      0.      0.      0.
9376        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9377        KK  SR355A
9378        KM        STORAGE ROUTE OVER BUCKEYE CANAL AT CP355A
9379        RS       1    STOR       0       0
9380        SV       0   16.98   25.08   37.53
9381        SQ       0       0       0     725
9382        SE   892.3     894   894.4     895

9383        KK   R355A
9384        KM        ROUTE FLOW FROM CP355A TO CP373
9385        RS       6              -1
9386        RC    .075    .075    .075    3590   .0025
9387        RX    1000    1001    1002    1100    1570    1588    1589    1590
9388        RY     889     889     889     888     888     889     889     889
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9389        KK   CP373
9390        KM        ADD HYDROGRAPHS AT CP373
9391        HC       2   11.46

9392        KK    R373
9393        KM        ROUTE FLOW FROM CP373 TO CP374
9394        RS      14              -1
9395        RC    .075    .075    .075    3900   .0013
9396        RX    1000    1001    1060    1180    1660    1840    2099    2100
9397        RY     890     881     880     879     879     880     881     890

9398        KK     374
9399        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 374
9400        8A     .76
9401        LG    .50     .00    6.92     .25     .00
9402        UI    25.     25.     25.     25.     42.     82.     94.    108.    119.    130.
9403        UI   139.    148.    159.    171.    187.    198.    224.    265.    300.    333.
9404        UI   294.    263.    239.    221.    207.    195.    178.    164.    153.    141.
9405        UI   128.    120.    109.     93.     72.     59.     44.     44.     42.     41.
9406        UI    41.     26.     25.     25.     25.     21.      8.      8.      8.      8.
9407        UI     8.      8.      8.      8.      8.      8.      8.      8.      8.      8.
9408        UI     8.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9409        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
9410        KK   1I374
9411        KM        ADD HYDROGRAPHS AT CP374
9412        HC       2   12.22

9413        KK     375
9414        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 375
9415        BA     .41
9416        LG     .50     .00    6.98     .24     .00
9417        UI     14.     14.     14.     14.     33.     49.     56.     66.     71.     78.
9418        UI     83.     89.     97.    106.    113.    128.    154.    173.    188.    164.
9419        UI    147.    133.    123.    115.    107.     97.     89.     84.     75.     69.
9420        UI     63.     54.     41.     33.     25.     25.     24.     24.     21.     14.
9421        UI     14.     14.     14.      5.      4.      4.      4.      4.      4.      4.
9422        UI      4.      4.      4.      4.      4.      4.      4.      0.      0.      0.
9423        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9424        KK    R375
9425        KM        ROUTE FLOW FROM CP375 TO CP374
9426        RS      39              -1
9427        RC    .075    .075    .075    5930   .0017
9428        RX    1000    1001    1002    1170    2040    2298    2299    2300
9429        RY     884     884     884     883     883     884     884     884

9430        KK   2I374
9431        KM        ADD HYDROGRAPHS AT CP374
9432        HC       2   12.63
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9433        KK     376
9434        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 376
9435        BA     .42
9436        LG     .50     .00    6.90     .25     .00
9437        UI     20.     20.     20.     55.     74.     92.    103.    114.    126.    141.
9438        UI    157.    186.    232.    261.    222.    192.    172.    157.    139.    124.
9439        UI    110.     98.     85.     64.     46.     35.     34.     33.     24.     20.
9440        UI     20.     14.      6.      6.      6.      6.      6.      6.      6.      6.
9441        UI      6.      6.      0.      0.      0.      0.      0.      0.      0.      0.
9442        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9443        KK    R376
9444        KM        ROUTE FLOW FROM CP376 TO CP374
9445        RS      32              -1
9446        RC    .075    .075    .075    5460   .0016
9447        RX    1000    1001    1002    1170    2040    2298    2299    2300
9448        RY     884     884     884     883     883     884     884     884

9449        KK   CP374
9450        KM        ADD HYDROGRAPHS AT CP374
9451        HC       2   13.05

9452        KK    R374
9453        KM        ROUTE FLOW FROM CP374 TO CP372
9454        RS      50              -1
9455        RC    .075    .075    .075   10300   .0011
9456        RX    1000    1001    1002    1020    2060    2238    2239    2240
9457        RY    1075    1073    1073    1072    1072    1073    1073    1075

9458        KK     305
9459        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 305
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```
9460        BA     .92
9461        LG     .50     .00    4.25     .39     .00
9462        UI     43.     43.     43.    108.    156.    191.    217.    240.    262.    293.
9463        UI    327.    372.    470.    548.    505.    432.    383.    349.    316.    279.
9464        UI    252.    221.    202.    166.    123.     82.     76.     70.     70.     44.
9465        UI     43.     43.     24.     13.     13.     13.     13.     13.     13.     13.
9466        UI     13.     13.     13.      0.      0.      0.      0.      0.      0.      0.
9467        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9468        KK   SR305
9469        KM        STORAGE ROUTE OVER ROOSEVELT CANAL AT CP305
9470        RS       1    STOR       0       0
9471        SV       0     .32    4.52   15.06   24.62
9472        SQ       0       0       0     845    4777
9473        SE  1001.5    1002    1003    1004  1004.5

9474        KK    R305
9475        KM        ROUTE FLOW FROM CP305 TO CP325
9476        RS       4              -1
9477        RC    .025    .025     .07    6880   .0067
9478        RX    1000    1001    1002    1030    1040    1070    1800    2100
9479        RY     975     975     975     974     974     976     978     979
                                          HEC-1 INPUT                                          PAGE215

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


9480        KK     325
9481        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 325
9482        BA     .49
9483        LG     .50     .00    4.12     .41     .00
9484        UI     19.     19.     19.     19.     57.     68.     80.     89.     99.    106.
9485        UI    114.    125.    137.    148.    171.    208.    236.    230.    200.    178.
9486        UI    163.    151.    140.    126.    115.    107.     95.     88.     77.     62.
9487        UI     51.     33.     33.     31.     30.     27.     19.     19.     19.     16.
9488        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      6.
9489        UI      6.      6.      6.      0.      0.      0.      0.      0.      0.      0.
9490        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9491        KK   CP325
9492        KM        ADD HYDROGRAPHS AT CP325
9493        HC       2    1.41

9494        KK    R325
9495        KM        ROUTE FLOW FROM CP325 TO CP342
9496        RS       5              -1
9497        RC    .035    .035    .075    5280   .0074
9498        RX    1000    1001    1002    1040    1090    1800    1999    2000
9499        RY     949     949     949     948     948     950     951     951

9500        KK     342
9501        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 342
9502        BA     .39
9503        LG     .50     .00    4.13     .39     .00
9504        UI     22.     22.     33.     76.     95.    112.    125.    141.    161.    187.
9505        UI    240.    283.    236.    202.    179.    158.    138.    120.    105.     86.
9506        UI     61.     39.     37.     36.     24.     22.     21.      7.      7.      7.
9507        UI      7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
9508        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9509        KK   CP342
9510        KM        ADD HYDROGRAPHS AT CP342
```

```
9511        HC      2    1.80

9512        KK    R342
9513        KM        ROUTE FLOW FROM CP342 TO CP353
9514        RS      2              -1
9515        RC    .03     .03    .075    2850   .0067
9516        RX   1000    1001    1002    1020    1040    1280    1640    2100
9517        RY    901     901     901     900     900     902     904     906

9518        KK    325A
9519        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 325A
9520        BA    .61
9521        LG    .50     .00    3.84     .47     .00
9522        UI    27.     27.     27.     57.     94.    113.    130.    146.    158.    173.
9523        UI   194.    213.    251.    308.    354.    306.    267.    239.    219.    199.
9524        UI   177.    160.    143.    129.    111.     85.     63.     48.     46.     44.
9525        UI    38.     27.     27.     27.     11.      8.      8.      8.      8.      8.
9526        UI     8.      8.      8.      8.      8.      0.      0.      0.      0.      0.
9527        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                                          HEC-1 INPUT                                          PAGE216

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


9528        KK   R325A
9529        KM        ROUTE FLOW FROM CP325A TO CP341
9530        RS     19              -1       0
9531        RC   .075    .075    .075    5300   .0072
9532        RX   1000    1001    1002    1060    2010    2310    2345    2350
9533        RY    954     953     952     952     954     954     955     955

9534        KK     341
9535        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 341
9536        BA    .79
9537        LG    .50     .00    3.77     .48     .00
9538        UI    34.     34.     34.     63.    116.    138.    161.    179.    194.    212.
9539        UI   235.    259.    293.    369.    421.    418.    357.    317.    288.    266.
9540        UI   238.    214.    195.    172.    159.    133.     99.     72.     60.     57.
9541        UI    56.     46.     34.     34.     34.     15.     10.     10.     10.     10.
9542        UI    10.     10.     10.     10.     10.     10.      0.      0.      0.      0.
9543        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9544        KK   CP341
9545        KM        ADD HYDROGRAPHS AT CP341
9546        HC      2    1.40

9547        KK    R341
9548        KM        ROUTE FLOW FROM CP341 TO CP353
9549        RS     13              -1
9550        RC   .075    .075    .075    3910   .0064
9551        RX   1000    1001    1002    1150    2350    2398    2399    2400
9552        RY    913     913     913     912     912     913     913     913

9553        KK     353
9554        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 353
9555        BA    .22
9556        LG    .50     .00    3.79     .44     .00
9557        UI    13.     13.     22.     46.     58.     67.     75.     86.     98.    120.
9558        UI   156.    155.    127.    111.     99.     85.     74.     64.     54.     39.
9559        UI    25.     22.     21.     15.     13.     12.      4.      4.      4.      4.
9560        UI     4.      4.      4.      4.      0.      0.      0.      0.      0.      0.
9561        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
9562        KK   1I353
9563        KM        ADD HYDROGRAPHS AT CP353
9564        HC       2    1.62

9565        KK   CP353
9566        KM        ADD HYDROGRAPHS AT CP353
9567        HC       2    3.42

9568        KK   SR353
9569        KM        STORAGE ROUTE THROUGH S.P.R.R. AT CP353
9570        RS       1    STOR       0       0
9571        SV       0     .19     .54    3.31    7.74
9572        SQ       0     138     153    1483    3332
9573        SE   894.4     898   898.4     890   890.5
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LINE        IO.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


9574        KK    R353
9575        KM        ROUTE FLOW FROM CP353 TO CP352
9576        RS       5              -1
9577        RC    .075     .05    .075    3120   .0019
9578        RX    1000    1001    1002    1030    1440    1520    1619    1620
9579        RY     895     895     895     892     892     894     895     895

9580        KK     352
9581        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 352
9582        BA     .18
9583        LG     .50     .00    3.56     .47     .00
9584        UI     11.     11.     19.     38.     49.     56.     63.     72.     83.    102.
9585        UI    134.    124.    103.     90.     80.     68.     60.     51.     42.     29.
9586        UI     19.     18.     17.     11.     11.      8.      3.      3.      3.      3.
9587        UI      3.      3.      3.      3.      0.      0.      0.      0.      0.      0.
9588        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9589        KK   CP352
9590        KM        ADD HYDROGRAPHS AT CP352
9591        HC       2    3.60

9592        KK   SR352
9593        KM        STORAGE ROUTE OVER BUCKEYE CANAL AT CP352
9594        RS       1    STOR       0       0
9595        SV       0     .08   14.16   18.99   64.86
9596        SQ       0       0       0      21    2267
9597        SE   889.9     890   891.7     892     894

9598        KK    R352
9599        KM        ROUTE FLOW FROM CP352 TO CP372
9600        RS      34              -1
9601        RC    .075    .075    .075   10300   .0022
9602        RX    1000    1001    1002    1020    2060    2238    2239    2240
9603        RY    1075    1073    1073    1072    1072    1073    1073    1075

9604        KK     372
9605        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 372
9606        BA    1.62
9607        LG     .50     .00    3.56     .33     .00
9608        UI     45.     45.     45.     45.     45.     91.    148.    167.    184.    209.
9609        UI    221.    241.    253.    266.    282.    302.    324.    343.    366.    406.
9610        UI    462.    530.    597.    576.    514.    468.    434.    406.    381.    363.
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9611        UI   342.   316.   295.   277.   262.   239.   224.   212.   192.   172.
9612        UI   130.   126.    80.    80.    80.    75.    74.    74.    58.    45.
9613        UI    45.    45.    45.    45.    14.    14.    14.    14.    14.    14.
9614        UI    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
9615        UI    14.    14.     0.     0.     0.     0.     0.     0.     0.     0.
9616        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


9617        KK   1I372
9618        KM        ADD HYDROGRAPHS AT CP372
9619        HC       3   18.27

9620        KK     385
9621        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 385
9622        BA     .39
9623        LG     .50     .00    7.53     .19     .00
9624        UI     16.     16.     16.     25.     53.     63.     75.     82.     90.     97.
9625        UI    107.    119.    129.    153.    184.    212.    186.    162.    146.    134.
9626        UI    124.    111.    100.     92.     81.     75.     63.     48.     36.     28.
9627        UI     27.     26.     25.     16.     16.     16.     12.      5.      5.      5.
9628        UI      5.      5.      5.      5.      5.      5.      5.      5.      0.      0.
9629        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9630        KK    R385
9631        KM        ROUTE FLOW FROM CP385 TO CP384
9632        RS      20              -1
9633        RC    .075    .075    .075    2960   .0014
9634        RX    1000    1001    1002    1050    2100    2228    2229    2230
9635        RY    1078    1078    1078    1076    1076    1077    1077    1077

9636        KK     384
9637        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 384
9638        BA     .29
9639        LG     .46     .02    7.54     .18    2.00
9640        UI     15.     15.     19.     53.     65.     77.     86.     96.    109.    123.
9641        UI    150.    193.    188.    157.    137.    123.    108.     95.     83.     73.
9642        UI     59.     43.     27.     26.     25.     19.     15.     15.      7.      5.
9643        UI      5.      5.      5.      5.      5.      5.      5.      0.      0.      0.
9644        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9645        KK   CP384
9646        KM        ADD HYDROGRAPHS AT CP384
9647        HC       2     .65

9648        KK    R384
9649        KM        ROUTE FLOW FROM CP384 TO CP372
9650        RS      36              -1
9651        RC    .075    .075    .075    5460   .0013
9652        RX    1000    1001    1010    1025    1980    2188    2189    2190
9653        RY    1075    1075    1074    1072    1072    1073    1073    1073

9654        KK   2I372
9655        KM        ADD HYDROGRAPHS AT CP372
9656        HC       2   18.95

9657        KK    41A1
9658        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41A1.
9659        BA     .02
9660        LG     .35     .31    3.70     .31     .00
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9661          UI     35.     87.     28.      4.      0.      0.      0.      0.      0.      0.
9662          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


9663          KK  SR41A1
9664          KM        STORAGE ROUTE THROUGH 30" CMP AT STA 6255+85 ON I-10.
9665          RS       1    STOR       0       0
9666          SV       0     .43     .53     .63     .74    1.24    1.65    3.40    6.20
9667          SQ       0      10      14      18      23      29      33     869    6050
9668          SE  1133.4 1134.91 1135.23 1135.58 1135.97 1137.62  1139.0  1140.3 1143.85

9669          KK  CP41A1
9670          KM        DIVERT FLOW FROM CP41A1 TO CP303
9671          DT   1D303
9672          DI       0      14      23      33     869    6050
9673          DQ       0      14      23      33      35      42

9674          KK   R41A1
9675          KM        ROUTE REMAINDER FROM CP41A1 TO CP41A2.
9676          RS       1              -1       0
9677          RC     .06     .03     .04     580   .0093
9678          RX     600     800     900     965    1000    1020    1030    1040
9679          RY    1147    1143    1142    1141    1141    1143    1145    1145

9680          KK    41A2
9681          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41A2.
9682          BA     .03
9683          LG     .35     .34    3.91     .57     .00
9684          UI     46.    124.     51.      9.      0.      0.      0.      0.      0.      0.
9685          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9686          KK  CP41A2
9687          KM        ADD HYDROGRAPHS AT CP41A2.
9688          HC       2     .05

9689          KK  SR41A2
9690          KM        STORAGE ROUTE THROUGH 30" CMP AT STA 6261+65 ON I-10.
9691          RS       1    STOR       0       0
9692          SV       0     .10     .24     .31     .62    1.72
9693          SQ       0       8      19      24     624    2104
9694          SE  1132.7 1134.07 1134.98 1135.56 1137.34 1139.65

9695          KK  CP41A2
9696          KM        DIVERT FLOW FROM CP41A2 TO CP303
9697          DT   2D303
9698          DI       0       8      19      24     624    2104
9699          DQ       0       8      19      24      30      36

9700          KK   R41A2
9701          KM        ROUTE REMAINDER FROM CP41A2 TO CP41A3.
9702          RS       1              -1       0
9703          RC     .06     .03     .04     595   .0093
9704          RX     600     800     900     965    1000    1020    1030    1040
9705          RY    1140    1136    1135    1134    1134    1136    1138    1140
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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KK    41A3
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41A3.
BA     .03
LG     .35     .31    3.64     .30     .00
UI     38.    112.     64.     14.      4.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK  CP41A3
KM        ADD HYDROGRAPHS AT CP41A3.
HC       2     .08

KK  SR41A3
KM        STORAGE ROUTE THROUGH 30" CMP AT STA 6267+60 ON I-10
RS       1    STOR       0       0
SV       0     .86    1.05    1.25    1.48    2.51    2.84    4.15    5.46    8.08
SQ       0      10      14      18      23      29      32     254     654     896
SE  1128.6 1130.13 1130.45 1130.80 1131.19 1132.94  1133.5  1134.0  1134.5 1135.57

KK  CP41A3
KM        DIVERT FLOW FROM CP41A3 TO CP303
DT   3D303
DI       0      10      14      18      23      29      32     254     659    1896
DQ       0      10      14      18      23      29      32      33      34      35

KK   R41A3
KM        ROUTE REMAINDER FROM CP41A3 TO CP41A.
RS       1              -1       0
RC     .06     .03     .04     628   .0093
RX     600     800     900     965    1000    1020    1030    1040
RY    1135    1131    1130    1129    1129    1131    1133    1133

KK     41A
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41A.
BA     .05
LG     .35     .34    4.01     .53     .00
UI     44.    136.    137.     51.     14.      5.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK   CP41A
KM        ADD HYDROGRAPHS AT CP41A.
HC       2     .13

KK   SR41A
KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6273+88 ON I-10
RS       1    STOR       0       0
SV       0    1.22    2.65    3.07    3.20    4.78    6.37    7.96    9.57
SQ       0      10      36      44      45     312     799    1429    2047
SE  1124.4 1125.75 1127.38 1127.86  1128.0  1128.5  1129.0  1129.5 1129.92
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LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

KK   CP41A
KM        DIVERT FLOW FROM CP41A TO CP303
DT   4D303
DI       0      10      36      44      45     312     799    1429    2047
DQ       0      10      36      44      45      47      49      51      52

KK    R41A
KM        ROUTE REMAINDER FROM CP41A TO CP41-1.
RS       1              -1       0
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```
9755        RC     .06     .03     .04    1437   .0093
9756        RX     600     800     900     965    1000    1020    1030    1040
9757        RY    1122    1118    1117    1116    1116    1118    1120    1120

9758        KK    41-1
9759        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41-1
9760        BA     .15
9761        LG     .35     .35    3.78     .62     .00
9762        UI     45.    148.    244.    325.    203.    111.     46.     21.      9.      9.
9763        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9764        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9765        KK  CP41-1
9766        KM        ADD HYDROGRAPHS AT CP41-1
9767        HC       2     .28

9768        KK  SR41-1
9769        KM        STORAGE ROUTE THROUGH 2-36" CMP AT STA 6288+25 ON I-10.
9770        RS       1    STOR       0       0
9771        SV       0     .73    3.47    3.94    4.53    5.12    5.71
9772        SQ       0      10      36      44     489    1300    2348
9773        SE  1112.7 1114.08 1115.71    1116  1116.5    1117  1117.5

9774        KK  CP41-1
9775        KM        DIVERT FLOW FROM CP41-1 TO CP303
9776        DT   5D303
9777        DI       0      10      36      44     489    1300    2348
9778        DQ       0      10      36      44      47      50      52

9779        KK   R41-1
9780        KM        ROUTE REMAINDER FROM CP41-1 TO CP41-2.
9781        RS       1              -1       0
9782        RC     .06     .03     .04    1697   .0075
9783        RX     600     800     900     965    1000    1020    1030    1040
9784        RY    1104    1102    1101    1100    1100    1102    1104    1105

9785        KK    41-2
9786        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41-2
9787        BA     .10
9788        LG     .35     .35    3.87     .58     .30
9789        UI     31.    101.    169.    216.    133.     69.     30.     13.      6.      0.
9790        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
9791        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


9792        KK  CP41-2
9793        KM        ADD HYDROGRAPHS AT CP41-2
9794        HC       2     .38

9795        KK  SR41-2
9796        KM        STORAGE ROUTE THROUGH 2-42" CMP AT STA 6305+22 ON I-10.
9797        RS       1    STOR       0       0
9798        SV       0     .84    1.23    1.78    2.46    3.31    4.34    5.61    7.63   11.57
9799        SV   13.47   15.30   19.63   23.76
9800        SQ       0      10      14      18      23      29      35      42      50      56
9801        SQ     201     419     469    1836
9802        SE  1099.2 1100.45 1100.70 1100.96 1101.23 1101.52 1101.83 1102.17 1102.83  1103.5
9803        SE  1103.8    1104  1104.5 1104.95
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9804        KK  CP41-2
9805        KM        DIVERT FLOW FROM CP41-2 TO CP303
9806        DT   6D303
9807        DI       0       10       14       18       23       29       35       42       50       56
9808        DI     201      419      469     1836
9809        DQ       0       10       14       18       23       29       35       42       50       56
9810        DQ      59       61       64       68

9811        KK   R41-2
9812        KM        ROUTE REMAINDER FROM CP41-2 TO CP41.
9813        RS       1                -1        0
9814        RC     .06      .03      .04      978    .0D53
9815        RX     650      800      850      965     1000     1020     1030     1040
9816        RY    1100     1099     1098     1096     1096     1098     1100     1101

9817        KK      41
9818        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 41
9819        BA     .58
9820        LG     .21      .34     4.24      .44      .30
9821        UI     56.     108.     237.     308.     380.     493.     696.     562.     450.     357.
9822        UI    282.     193.     103.      90.      56.      38.      17.      17.      17.      17.
9823        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
9824        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

9825        KK    CP41
9826        KM        ADD HYDROGRAPHS AT CP41
9827        HC       2      .68

9828        KK    SR41
9829        KM        STORAGE ROUTE THROUGH 2-36" CMP AT STA 6315+00 ON I-10.
9830        RS       1     STOR        0        0
9831        SV       0      .09      .37      .86     2.15     2.99     4.92     5.83     7.92    11.06
9832        SV   15.07
9833        SQ       0        8       11       15       24       30       36       42       43      400
9834        SQ    1219
9835        SE  1094.6 1095.91 1096.15 1096.42 1096.99 1097.30 1097.91 1099.12  1099.5  1100.0
9836        SE  1100.6
```



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

9837        KK    CP41
9838        KM        DIVERT FLOW FROM CP41 TO CP303
9839        DT   7D303
9840        DI       0        8       11       15       24       30       36       42       43      400
9841        DI    1219
9842        DQ       0        8       11       15       24       30       36       42       43       46
9843        DQ      50

9844        KK     R41
9845        KM        ROUTE REMAINDER FROM CP41 TO CP43-1.
9846        RS       1                -1        0
9847        RC     .06      .03      .04      700   .0053
9848        RX     650      800      850      965     1000     1020     1030     1040
9849        RY    1098     1097     1096     1094     1094     1096     1098     1099

9850        KK    43-1
9851        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-1
9852        BA     .04
9853        LG     .35      .35     4.29      .40      .90
9854        UI     25.      74.     117.      63.      21.       7.       3.       0.       0.       0.
```

```
9855        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9856        KK  CP43-1
9857        KM        ADD HYDROGRAPHS AT CP43-1
9858        HC       2     1.0

9859        KK  SR43-1
9860        KM        STORAGE ROUTE THROUGH 5-48" CMP FROM STA 6319+32 TO STA 6324+32 ON I-10.
9861        RS       1    STOR       0       0
9862        SV       0     .37     .80    1.58    2.71    4.54    5.86    7.60   12.33   14.79
9863        SV   21.44
9864        SQ       0      32      60     102     120     220     260     301     357     501
9865        SQ    1057
9866        SE  1091.7 1092.82 1093.25 1093.72 1094.21 1094.77 1095.08 1095.43 1096.19  1096.5
9867        SE  1097.0

9868        KK  CP43-1
9869        KM        DIVERT FLOW FROM CP43-1 TO CP303A
9870        DT  1D303A
9871        DI       0      32      60     102     120     220     260     301     357     501
9872        DI    1057
9873        DQ       0      32      60     102     120     220     260     301     357     378
9874        DQ     417

9875        KK   R43-1
9876        KM        ROUTE REMAINDER FROM CP43-1 TO CP43-2.
9877        RS       1              -1       0
9878        RC     .06     .03     .04     500    .005
9879        RX     600     725     800     965    1000    1020    1030    1040
9880        RY    1095    1094  1093.5    1093    1093    1094    1096    1097
```



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


9881        KK    43-2
9882        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-2
9883        BA     .01
9884        LG     .35     .35    4.25     .42    1.30
9885        UI      9.     28.     27.     10.      2.      1.      0.      0.      0.      0.
9886        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9887        KK  CP43-2
9888        KM        ADD HYDROGRAPHS AT CP43-2
9889        HC       2    1.01

9890        KK  SR43-2
9891        KM        STORAGE ROUTE THROUGH 36" CMP AT STA 6326+40 ON I-10.
9892        RS       1    STOR       0       0
9893        SV       0     .12     .38     .71    1.11    1.61    3.12    3.95    5.19    6.02
9894        SQ       0       8      12      15      20      24      36      38     128     222
9895        SE  1092.0 1093.28 1093.52 1093.78 1094.05 1094.35 1095.13  1095.5  1096.0  1096.3

9896        KK  CP43-2
9897        KM        DIVERT FLOW FROM CP43-2 TO CP303A
9898        DT  2D303A
9899        DI       0       8      12      15      20      24      36      38     128     222
9900        DQ       0       8      12      15      20      24      36      38      40      43

9901        KK   R43-2
9902        KM        ROUTE REMAINDER FROM CP43-2 TO CP43-3.
9903        RS       1              -1       0
```

```
9904        RC     .06     .03     .04    1000    .003
9905        RX     750     800     900     965    1000    1020    1030    1040
9906        RY  1096.5    1096    1094    1093    1093    1094    1096    1097

9907        KK    43-3
9908        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 43-3
9909        BA     .05
9910        LG     .35     .35    4.30     .40     .90
9911        UI     68.    195.     98.     20.      0.      0.      0.      0.      0.      0.
9912        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9913        KK  CP43-3
9914        KM        ADD HYDROGRAPHS AT CP43-3.
9915        HC       2    1.06

9916        KK  SR43-3
9917        KM        STORAGE ROUTE THROUGH 3-36" CMPS FROM STA 6330+50 TO STA 6340+10 ON I-10
9918        RS       1    STOR       0       0
9919        SV       0    2.47    3.51    4.85    6.37    8.27   10.69   13.89   18.76   30.99
9920        SQ       0      27      36      48      63      78      93     165     364     951
9921        SE  1092.8 1094.12 1094.37 1094.65 1094.93 1095.24 1095.59    1096 1096.56 1097.79
```



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

9922        KK   R43-3
9923        KM        ROUTE REMAINDER FROM CP43-3 TO CP303A
9924        RS      13              -1       0
9925        RC    .035    .035    .035    4840   .0091
9926        RX    1000    1170    1240    1270    1440    1470    1490    1550
9927        RY    1069    1068  1068.5    1068    1068  1068.5  1067.8  1068.5

9928        KK  CP43-1
9929        KM        RETURN DIVERT AT CP43-1
9930        DR  1D303A

9931        KK   R43-1
9932        KM        ROUTE REMAINDER FROM CP43-1 TO CP303A
9933        RS      48              -1       0
9934        RC    .035    .035    .035    5300   .0091
9935        RX    1000    1090    1170    1250    1380    1400    1450    1630
9936        RY    1077  1075.8  1076.5    1076    1076  1076.5    1076    1077

9937        KK  CP43-2
9938        KM        RETURN DIVERT AT CP43-2
9939        DR  2D303A

9940        KK   R43-2
9941        KM        ROUTE REMAINDER FROM CP43-2 TO CP303A
9942        RS       8              -1       0
9943        RC    .035    .035    .035    5300   .0091
9944        RX    1000    1090    1170    1250    1380    1400    1450    1630
9945        RY    1077  1075.8  1076.5    1076    1076  1076.5    1076    1077

9946        KK    303A
9947        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 303A
9948        BA     .42
9949        LG     .35     .35    4.08     .36     .10
9950        UI     56.    182.    299.    400.    629.    559.    409.    297.    178.     95.
9951        UI     63.     32.     17.     17.     17.      0.      0.      0.      0.      0.
9952        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
9953        KK  CP303A
9954        KM        ADD HYOROGRAPHS AT CP303A
9955        HC       4    1.48

9956        KK   R303A
9957        KM        ROUTE FLOW FROM CP303A TO CP304
9958        RS       3              -1
9959        RC    .025     .02     .025    5500   .0067
9960        RX    1000    1001    1015    1030    1055    1130    1490    2020
9961        RY    1041    1041    1040    1038    1038    1040    1042    1044

9962        KK     304
9963        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 304
9964        BA    1.10
9965        LG     .35     .35    4.09     .36     .00
9966        UI    121.    293.    563.    724.    938.   1412.   1262.    968.    745.    562.
9967        UI    322.    205.    145.     98.     37.     37.     37.     37.      0.      0.
                                          HEC-1 INPUT                                          PAGE226

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

9968        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9969        KK   CP304
9970        KM        ADD HYDROGRAPHS AT CP304
9971        HC       2    2.58

9972        KK    R304
9973        KM        ROUTE FLOW FROM CP304 TO CP323
9974        RS       4              -1
9975        RC    .025    .025     .03    3280   .0018
9976        RX    1000    1001    1002    1090    1200    1270    1460    1750
9977        RY  1001.5  1001.5  1001.5    1001    1001    1002    1004    1006

9978        KK     323
9979        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 323
9980        BA     .15
9981        LG     .38     .28    3.95     .36     .00
9982        UI     17.     46.     85.    109.    148.    212.    163.    125.     94.     64.
9983        UI     32.     25.     17.      5.      5.      5.      5.      0.      0.      0.
9984        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

9985        KK   CP323
9986        KM        ADD HYDROGRAPHS AT CP323
9987        HC       2    2.73

9988        KK   SR323
9989        KM        STORAGE ROUTE BEHIND THE ROOSEVELT CANAL AT CP323
9990        RS       1    STOR       0       0
9991        SV       0     .39   11.45   14.26   19.91
9992        SQ       0       0       0     128    2344
9993        SE   998.7    1000  1001.5  1001.8    1002

9994        KK    D323
9995        KM        DIVERT FROM CP323 TO CP321
9996        DT   DI321
9997        DI       0     128    1976
9998        DQ       0      64     138

9999        KK    R323
10000       KM        ROUTE REMAINDER FROM CP323 TO CP324
```

```
10001    RS      9              -1
10002    RC   .075    .075    .075    3900   .0085
10003    RX   1000    1001    1002    1100    2055    2060    2069    2070
10004    RY    991     991     991     990     990     992     993     993

10005    KK    324
10006    KM        RUNOFF HYOROGRAPH FROM SUB-BASIN 324
10007    BA    .36
10008    LG    .50     .00    3.90     .44     .00
10009    UI    19.     19.     23.     65.     80.     94.    106.    118.    134.    151.
10010    UI   183.    235.    236.    196.    171.    153.    136.    119.    105.     92.
10011    UI    77.     55.     34.     33.     31.     25.     19.     19.     11.      6.
10012    UI     6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
10013    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
                                      HEC-1 INPUT                                          PAGE227

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


10014    KK   CP324
10015    KM        AOD HYDROGRAPHS AT CP324
10016    HC      2    3.09

10017    KK    R324
10018    KM        ROUTE FLOW FROM CP324 TO CP340
10019    RS      6              -1
10020    RC   .035    .035    .075    5280   .0078
10021    RX   1000    1001    1002    1030    1045    1770    2099    2100
10022    RY    933     933     933     932     932     934     935     935

10023    KK    340
10024    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 340
10025    BA    .48
10026    LG    .50     .00    4.06     .42     .00
10027    UI    23.     23.     23.     62.     85.    105.    118.    130.    143.    161.
10028    UI   179.    212.    264.    298.    254.    220.    197.    180.    159.    142.
10029    UI   126.    112.     97.     74.     53.     41.     39.     38.     28.     23.
10030    UI    23.     16.      7.      7.      7.      7.      7.      7.      7.      7.
10031    UI     7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
10032    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10033    KK   CP340
10034    KM        ADD HYDROGRAPHS AT CP340
10035    HC      2    3.57

10036    KK    R340
10037    KM        ROUTE FLOW FROM CP340 TO CP351
10038    RS      5              -1
10039    RC   .075     .03    .075    4370   .0067
10040    RX   1000    1001    1105    1110    1120    1780    2179    2180
10041    RY    911     911     910     909     909     910     911     911

10042    KK    351
10043    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 351
10044    BA    .76
10045    LG    .50     .00    3.82     .43     .00
10046    UI    41.     41.     55.    142.    175.    207.    232.    259.    296.    334.
10047    UI   428.    520.    480.    404.    355.    319.    277.    245.    212.    186.
10048    UI   141.     98.     73.     69.     65.     41.     41.     34.     13.     13.
10049    UI    13.     13.     13.     13.     13.     13.     13.      0.      0.      0.
10050    UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
10051          KK   CP351
10052          KM        ADD HYDROGRAPHS AT CP351
10053          HC       2    4.33

10054          KK   SR351
10055          KM        STORAGE ROUTE THROUGH S.P.R.R. AT CP351
10056          RS       1    STOR       0       0
10057          SV       0      .8     4.8   10.88   13.66   28.52   90.59
10058          SQ       0     495     715    1245    1453    7983   39402
10059          SE   888.5   892.5     894   895.5     896     898     900
```



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


10060          KK    R351
10061          KM        ROUTE FLOW FROM CP351 TO CP352A
10062          RS      10              -1
10063          RC    .075     .05    .075    4210    .001
10064          RX    1000    1001    1010    1030    1050    1300    1650    1800
10065          RY    1093    1093    1092    1090    1090    1092    1094    1095

10066          KK    352A
10067          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 352A
10068          BA     .13
10069          LG     .50     .00    3.79     .42     .00
10070          UI      6.      6.      6.     13.     21.     25.     28.     32.     35.     38.
10071          UI     43.     47.     56.     69.     76.     64.     56.     50.     46.     42.
10072          UI     37.     34.     30.     27.     22.     17.     11.     10.     10.     10.
10073          UI      7.      6.      6.      4.      2.      2.      2.      2.      2.      2.
10074          UI      2.      2.      2.      2.      0.      0.      0.      0.      0.      0.
10075          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10076          KK  CP352A
10077          KM        ADD HYDROGRAPHS AT CP352A
10078          HC       2    4.46

10079          KK  SR352A
10080          KM        STORAGE ROUTE BEHIND BUCKEYE CANAL AT CP352A
10081          RS       1    STOR       0       0
10082          SV       0     .48    8.48   24.76   49.68
10083          SQ       0       0       0       0    1664
10084          SE   884.7     888     890   891.1     892

10085          KK   D352A
10086          KM        DIVERT FROM CP352A TO CP350
10087          DT   DI350
10088          DI       0     311    1498
10089          DQ       0      35     166

10090          KK   R352A
10091          KM        ROUTE REMAINDER FROM CP352A TO CP372
10092          RS      17              -1
10093          RC    .075    .075    .075    5460   .0042
10094          RX    1000    1001    1002    1260    1950    1988    1989    1990
10095          RY     880     875     875     874     874     875     875     880

10096          KK   CP372
10097          KM        ADD HYDROGRAPHS AT CP372
10098          HC       2   23.41

10099          KK    D372
```

```
10100          KM        DIVERT FROM CP372 TO CP371
10101          DT   DI371
10102          DI       0     923    2686
10103          DQ       0     785    2100
```



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


10104          KK   2D372
10105          KM        DIVERT FROM CP372 TO CP379
10106          DT   DI379
10107          DI       0     138     586
10108          DQ       0       0      92

10109          KK    R372
10110          KM        ROUTE REMAINDER FROM CP372 TO CP382
10111          RS       5              -1
10112          RC    .075    .075    .075     750   .0013
10113          RX    1000    1001    1240    1350    1680    1778    1779    1780
10114          RY    1070  1068.5    1068    1067    1067  1067.5  1067.5    1070

10115          KK     382
10116          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 382
10117          BA     .71
10118          LG     .50     .00    7.29     .21     .00
10119          UI     30.     30.     30.     49.    100.    118.    140.    154.    168.    182.
10120          UI    201.    223.    245.    293.    357.    387.    331.    291.    263.    242.
10121          UI    222.    197.    180.    162.    146.    130.    105.     85.     52.     52.
10122          UI     49.     49.     36.     30.     30.     30.     10.      9.      9.      9.
10123          UI      9.      9.      9.      9.      9.      9.      9.      9.      0.      0.
10124          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10125          KK   CP382
10126          KM        ADD HYDROGRAPHS AT CP382
10127          HC       2   24.12

10128          KK    R382
10129          KM        ROUTE FLOW FROM CP382 TO CP379
10130          RS      59              -1
10131          RC    .075    .075    .075    7170   .0008
10132          RX    1000    1001    1002    1280    2080    2348    2349    2350
10133          RY     862     862     862   860.5   860.5     861     861     861

10134          KK    D372
10135          KM        RETURN DIVERT AT CP372
10136          DR   DI379

10137          KK    R372
10138          KM        ROUTE FLOW FROM CP372 TO CP379
10139          RS      25              -1
10140          RC    .075    .075    .075    7490   .0009
10141          RX    1000    1001    1002    1280    2080    2348    2349    2350
10142          RY     865     862     862   860.5   860.5     861     861     865

10143          KK   1I379
10144          KM        ADD HYDROGRAPHS AT CP379
10145          HC       2   24.12
```



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 LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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```
10146          KK    381A
10147          KM        RUNOFF HYOROGRAPH FROM SUB-BASIN 381A
10148          BA     .10
10149          LG     .50      .00     6.57      .29      .00
10150          UI      8.       9.      28.      37.      45.      53.      64.      89.      95.      74.
10151          UI     63.      52.      43.      34.      22.      14.      13.       8.       8.       3.
10152          UI      2.       2.       2.       2.       2.       0.       0.       0.       0.       0.
10153          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

10154          KK  SR381A
10155          KM        STORAGE ROUTE THROUGH BERM AT CP381A
10156          RS       1     STOR        0        0
10157          SV       0    13.51    74.44    84.11   134.52
10158          SQ       0        0        0       11     1196
10159          SE   864.7      866    867.8      868      869

10160          KK   R381A
10161          KM        ROUTE FLOW FROM CP381A TO CP379
10162          RS      19                -1
10163          RC    .075     .075     .075     5620    .0011
10164          RX    1000     1001     1002     1280     2080     2348     2349     2350
10165          RY     862      862      862    860.5    860.5      861      861      861

10166          KK   2I379
10167          KM        AOD HYDROGRAPHS AT CP379
10168          HC       2    24.22

10169          KK     379
10170          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 379
10171          BA     .46
10172          LG     .50      .00     3.68      .46      .00
10173          UI     14.      14.      14.      14.      14.      41.      48.      53.      63.      67.
10174          UI     73.      77.      81.      87.      93.     101.     107.     116.     133.     158.
10175          UI    170.     182.     161.     145.     133.     124.     116.     110.     103.      95.
10176          UI     88.      82.      76.      70.      66.      60.      53.      40.      37.      25.
10177          UI     25.      24.      23.      23.      21.      14.      14.      14.      14.      14.
10178          UI      4.       4.       4.       4.       4.       4.       4.       4.       4.       4.
10179          UI      4.       4.       4.       4.       4.       4.       0.       0.       0.       0.
10180          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

10181          KK   3I379
10182          KM        ADD HYDROGRAPHS AT CP379
10183          HC       2    24.68

10184          KK   D41A1
10185          KM        RETURN DIVERT AT CP41A1
10186          DR   1D303

10187          KK   R41A1
10188          KM        ROUTE FLOW FROM CP41A1 TO CP303
10189          RS      18                -1        0
10190          RC    .035     .035     .035     7180     .014
10191          RX    1000     1210     1450     1530     1620     1690     1849     1850
10192          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

10193          KK   D41A2
10194          KM        RETURN DIVERT AT CP41A2
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```
10195          DR   2D303

10196          KK   R41A2
10197          KM        ROUTE FLOW FROM CP41A2 TO CP303
10198          RS     19              -1       0
10199          RC   .035    .035    .035    7330    .014
10200          RX   1000    1210    1450    1530    1620    1690    1849    1850
10201          RY   1106  1105.5    1106    1104    1104    1106    1107    1107

10202          KK   1I303
10203          KM        ADD HYDROGRAPHS AT CP303
10204          HC       2     .05

10205          KK   D41A3
10206          KM        RETURN DIVERT AT CP41A3
10207          DR   3D303

10208          KK   R41A3
10209          KM        ROUTE FLOW FROM CP41A3 TO CP303
10210          RS     25              -1       0
10211          RC   .035    .035    .035    9360    .010
10212          RX   1000    1210    1450    1530    1620    1690    1849    1850
10213          RY   1106  1105.5    1106    1104    1104    1106    1107    1107

10214          KK   2I303
10215          KM        ADD HYOROGRAPHS AT CP303
10216          HC       2     .08

10217          KK    D41A
10218          KM        RETURN DIVERT AT CP41A
10219          DR   4D303

10220          KK    R41A
10221          KM        ROUTE FLOW FROM CP41A TO CP303
10222          RS     26              -1       0
10223          RC   .035    .035    .035    9360   .0095
10224          RX   1000    1210    1450    1530    1620    1690    1849    1850
10225          RY   1106  1105.5    1106    1104    1104    1106    1107    1107

10226          KK   3I303
10227          KM        ADD HYDROGRAPHS AT CP303
10228          HC       2     .13

10229          KK   D41-1
10230          KM        RETURN DIVERT AT CP41-1
10231          DR   5D303
```



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


10232          KK   R41-1
10233          KM        ROUTE FLOW FROM CP41-1 TO CP303
10234          RS     28              -1       D
10235          RC   .035    .035    .035    9200   .0079
10236          RX   1000    1300    1510    1660    1850    1890    1940    2100
10237          RY  1080.5    1079  1080.5    1080    1080    1081  1080.5    1081

10238          KK   4I303
10239          KM        ADD HYDROGRAPHS AT CP303
10240          HC       2     .28
```

```
10241          KK   D41-2
10242          KM        RETURN DIVERT AT CP41-2
10243          DR   6D303

10244          KK   R41-2
10245          KM        ROUTE FLOW FROM CP41-2 TO CP303
10246          RS      33              -1       0
10247          RC    .035    .035    .035    9360   .0065
10248          RX    1000    1300    1510    1660    1850    1890    1940    2100
10249          RY  1080.5    1079  1080.5    1080    1080    1081  1080.5    1081

10250          KK   5I303
10251          KM        ADD HYDROGRAPHS AT CP303
10252          HC       2     .38

10253          KK     041
10254          KM        RETURN DIVERT AT CP41
10255          DR   7D303

10256          KK     R41
10257          KM        ROUTE FLOW FROM CP41 TO CP303
10258          RS      30              -1       0
10259          RC    .035    .035    .035    9830   .0056
10260          RX    1000    1300    1510    1660    1850    1890    1940    2100
10261          RY  1080.5    1079  1080.5    1080    1080    1081  1080.5    1081

10262          KK   6I303
10263          KM        ADD HYDROGRAPHS AT CP303
10264          HC       2     .96

10265          KK     303
10266          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 303
10267          BA    1.21
10268          LG     .35     .34    4.19     .39     .40
10269          UI     81.     81.    207.    332.    407.    470.    543.    636.    835.   1022.
10270          UI    868.    725.    631.    534.    457.    388.    290.    187.    141.    133.
10271          UI     92.     81.     54.     25.     25.     25.     25.     25.     25.     25.
10272          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
10273          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

10274          KK   CP303
10275          KM        ADD HYDROGRAPHS AT CP303
10276          HC       2    2.17

10277          KK    R303
10278          KM        ROUTE FLOW FROM CP303 TO CP321
10279          RS       1              -1
10280          RC    .025    .025    .025     468   .0088
10281          RX    1000    1001    1002    1100    2570    2648    2649    2650
10282          RY    1019    1019    1019    1018    1018    1019    1019    1019

10283          KK     321
10284          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 321
10285          BA     .66
10286          LG     .35     .35    4.24     .39     .00
10287          UI    129.    476.    720.   1193.   1047.    707.    432.    188.    116.     34.
10288          UI     34.     34.      0.      0.      0.      0.      0.      0.      0.      0.
10289          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
10290          KK   1I321
10291          KM        ADD HYOROGRAPHS AT CP321
10292          HC       2    2.83

10293          KK    D323
10294          KM        RETURN DIVERT AT CP323
10295          OR   DI321

10296          KK    R323
10297          KM        ROUTE FLOW FROM CP323 TO CP321
10298          RS       9              -1
10299          RC    .025    .025    .025    2500   .0008
10300          RX    1000    1001    1002    1020    1260    1410    1660    1730
10301          RY    1001    1001    1001    1000    1000    1002    1004    1006

10302          KK   CP321
10303          KM        A00 HYOROGRAPHS AT CP321
10304          HC       2    4.60

10305          KK   SR321
10306          KM        STORAGE ROUTE CP321 BEHIND ROOSEVELT CANAL
10307          RS       1    STOR       0       0
10308          SV       0   11.57   43.45   85.42
10309          SQ       0       0       0   10212
10310          SE   998.8    1000  1001.1    1002

10311          KK    R321
10312          KM        ROUTE FLOW FROM CP321 TO CP322
10313          RS       4              -1
10314          RC    .075    .035    .035    3900   .0064
10315          RX    1000    1001    1260    1570    1600    1618    1619    1620
10316          RY     995     995     994     992     992     993     993     993
```



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


10317          KK     322
10318          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 322
10319          BA     .34
10320          LG     .50     .00    4.13     .41     .00
10321          UI     17.     17.     17.     55.     69.     82.     94.    103.    115.    130.
10322          UI    149.    190.    224.    195.    167.    148.    135.    118.    105.     92.
10323          UI     82.     68.     50.     31.     30.     28.     24.     17.     17.     13.
10324          UI      5.      5.      5.      5.      5.      5.      5.      5.      5.      0.
10325          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
10326          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10327          KK   CP322
10328          KM        ADD HYDROGRAPHS AT CP322
10329          HC       2    4.94

10330          KK    R322
10331          KM        ROUTE FLOW FROM CP322 TO CP339
10332          RS       3              -1
10333          RC    .035    .035    .075    5280   .0081
10334          RX    1000    1001    1002    1015    1070    1790    2099    2100
10335          RY     969     969     969     968     968     970     971     971

10336          KK     339
10337          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 339
```

```
10338        BA    1.00
10339        LG     .50     .00    4.08     .41     .00
10340        UI     40.     40.     40.     50.    131.    151.    181.    200.    219.    236.
10341        UI    256.    285.    308.    349.    433.    492.    504.    433.    384.    350.
10342        UI    323.    297.    266.    244.    221.    199.    184.    153.    115.     86.
10343        UI     70.     68.     65.     63.     40.     40.     40.     34.     12.     12.
10344        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
10345        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
10346        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10347        KK   CP339
10348        KM        ADD HYDROGRAPHS AT CP339
10349        HC       2    5.94

10350        KK    R339
10351        KM        ROUTE FLOW FROM CP339 TO CP349
10352        RS       7              -1
10353        RC    .035    .035    .075    6550   .0053
10354        RX    1000    1001    1002    1020    1040    1820    2049    2050
10355        RY     907     907     907     906     906     908     909     909

10356        KK     349
10357        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 349
10358        BA     .93
10359        LG     .50     .00    3.82     .44     .00
10360        UI     43.     43.     43.    110.    158.    193.    220.    243.    265.    296.
10361        UI    331.    377.    476.    556.    510.    436.    387.    353.    319.    282.
10362        UI    255.    223.    204.    166.    125.     82.     77.     71.     71.     43.
10363        UI     43.     43.     23.     13.     13.     13.     13.     13.     13.     13.
10364        UI     13.     13.     13.      0.      0.      0.      0.      0.      0.      0.
```



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

10365        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

10366        KK   CP349
10367        KM        ADD HYDROGRAPHS AT CP349
10368        HC       2    6.87

10369        KK   SR349
10370        KM        STORAGE ROUTE CP349 THROUGH S.P.R.R.
10371        RS       1    STOR       0       0
10372        SV       0       0    .085    5.76   14.59   29.99
10373        SQ       0       0     640    1680    2001    2916
10374        SE   889.1   890.9   894.1   896.1   897.1     898

10375        KK    R349
10376        KM        ROUTE FLOW FROM CP349 TO CP350
10377        RS       6              -1
10378        RC    .075     .05    .075    2960   .0024
10379        RX    1000    1001    1002    1100    1500    1620    1669    1670
10380        RY     900     890     890     889     889     890     890     900

10381        KK     350
10382        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 350
10383        BA     .19
10384        LG     .50     .00    3.57     .47     .00
10385        UI      7.      7.      7.      7.     18.     24.     28.     32.     35.     38.
10386        UI     40.     44.     48.     52.     56.     66.     78.     90.     83.     73.
10387        UI     66.     60.     56.     53.     48.     43.     40.     37.     33.     31.
10388        UI     26.     20.     16.     12.     12.     11.     11.      9.      7.      7.
```

```
10389    UI     7.     6.     2.     2.     2.     2.     2.     2.     2.     2.
10390    UI     2.     2.     2.     2.     2.     0.     0.     0.     0.     0.
10391    UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

10392    KK   1I350
10393    KM        ADD HYDROGRAPHS AT CP350
10394    HC       2    7.06

10395    KK   D352A
10396    KM        RETURN DIVERT AT CP352A
10397    DR   DI350

10398    KK   R352A
10399    KM        ROUTE FLOW FROM CP352A TO CP350
10400    RS     60              -1      0
10401    RC    .07    .07    .07   5400   .0004
10402    RX   1000   1001   1002   1100   1500   1620   1669   1670
10403    RY  890.5    890    890    889    889    890    890  890.5

10404    KK   CP350
10405    KM        ADD HYDROGRAPHS AT CP350
10406    HC       2    8.79
```



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

10407    KK   SR350
10408    KM        STORAGE ROUTE CP350 BEHIND BUCKEYE CANAL
10409    RS       1    STOR      0      0
10410    SV       0    4.41  24.14  68.62
10411    SQ       0       0      0   3900
10412    SE   886.8     888    889    890

10413    KK    R350
10414    KM        ROUTE FLOW FROM CP350 TO CP371
10415    RS       7              -1
10416    RC    .075   .035   .035   4400   .0037
10417    RX    1000   1001   1160   2700   2900   2917   2918   2920
10418    RY     881    881    880    878    878    879    879    879

10419    KK     371
10420    KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 371
10421    BA     .93
10422    LG     .50    .00   5.97    .31    .00
10423    UI     27.    27.    27.    27.    27.    74.    92.   105.   121.   131.
10424    UI    141.   151.   159.   168.   180.   195.   208.   222.   248.   286.
10425    UI    326.   366.   337.   302.   276.   255.   238.   225.   213.   197.
10426    UI    182.   170.   160.   147.   136.   129.   115.   101.    79.    69.
10427    UI     48.    48.    47.    45.    45.    42.    27.    27.    27.    27.
10428    UI     27.    10.     8.     8.     8.     8.     8.     8.     8.     8.
10429    UI      8.     8.     8.     8.     8.     8.     8.     8.     0.     0.
10430    UI      0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

10431    KK   1I371
10432    KM        ADD HYDROGRAPHS AT CP371
10433    HC       2    9.72

10434    KK    D372
10435    KM        RETURN DIVERT AT CP372
10436    DR   DI371
```

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10437          KK    R372
10438          KM        ROUTE FLOW FROM CP372 TO CP371
10439          RS      27              -1
10440          RC    .075    .075    .075    5300   .0009
10441          RX    1000    1001    1020    1200    1870    2020    2169    2170
10442          RY     870     865     864     863     863     864     865     870

10443          KK   CP371
10444          KM        ADD HYDROGRAPHS AT CP371
10445          HC       2   28.67

10446          KK    R371
10447          KM        ROUTE FLOW FROM CP371 TO CP379
10448          RS      21              -1
10449          RC    .075    .075    .075    3600   .0006
10450          RX    1000    1001    1002    1280    2080    2348    2349    2350
10451          RY     865     862     862   860.5   860.5     861     861     865
```



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


10452          KK   CP379
10453          KM        ADD HYDROGRAPHS AT CP379
10454          HC       2   29.94

10455          KK   SR379
10456          KM        STORAGE ROUTE CP379 BEHIND CANAL
10457          RS       1    STOR       0       0
10458          SV       0     .38    7.22   66.02
10459          SQ       0       0       0    4817
10460          SE   858.7     860   860.7     862

10461          KK  CPWTAF
10462          KM        ADD HYDROGRAPHS FOR WATERSHED CONTRIBUTING TO THIS POINT
10463          HC       2  177.14
10464          ZZ
```

1

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

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

  40           1
               V
               V
  48         RCP1
               .
               .
  55           .           2
               .           .
               .           .
  64         CP2............
               V
               V
  67         RCP2
               .
               .
  74           .          3A
               .           V
               .           V
```

```
 81          .        RCP3A
             .           .
             .           .
 88          .           .            3
             .           .            .
             .           .            .
 95          .        I1CP3............
             .           .
             .           .
 98       CP3............
             V
             V
101       RCP3
             .
             .
108          .           4
             .           .
             .           .
115          .           .            5
             .           .            .
             .           .            .
122          .         CP5............
             .           V
             .           V
125          .        RCP5
             .           .
             .           .
132          .           .            6
             .           .            .
             .           .            .
 )           .        I1CP7............
             .           .
             .           .
141          .           .            7
             .           .            .
             .           .            .
147          .         CP7............
             .           V
             .           V
150          .        RCP7
             .           .
             .           .
157          .           .            9
             .           .            .
             .           .            .
164          .        I1CP9............
             .           .
             .           .
167          .           .            8
             .           .            .
             .           .            .
174          .         CP9............
             .           V
             .           V
177          .        RCP9
             .           .
             .           .
184          .           .           10
             .           .            .
             .           .            .
193          .        I1CP10...........
             .           .
```

```
        .          .
196   CP10............
        V
        V
     RCP10
        .
        .
206     .          12
        .           .
        .           .
214   CP12............
        V
        V
217  RCP12
        .
        .
224     .          11
        .           V
        .           V
232     .       RCP11
        .           .
        .           .
239     .           .          13
        .           .           .
        .           .           .
247     .       CP13............
        .           V
        .           V
250     .       RCP13
        .           .
        .           .
257     .           .          14
        .           .           V
        .           .           V
264     .           .       RCP14
        .           .           .
        .           .           .
271     .           .           .          15
        .           .           .           .
        .           .           .           .
279     .           .      I1CP15............
        .           .           .
        .           .           .
282     .           .           .          16
        .           .           .           V
        .           .           .           V
290     .           .           .        SR16
        .           .           .           .
        .           .           .           .
296     .           .       CP15............
        .           .           V
        .           .           V
299     .           .       RCP15
        .           .           .
        .           .           .
306     .           .           .          17
        .           .           .           .
        .           .           .           .
314     .           .      I1CP17............
        .           .           .
        .           .           .
317     .       CP17............
```

```
          .          V
          .          V
320       .       RCP17
          .          .
          .          .
327       .          .         WT3
          .          .          .
          .          .          .
335       .      I1CWT3............
          .          .
          .          .
338    CPWT3............
          V
          V
341    SRWT3
          .
          .
355       .         18
          .          V
          .          V
362       .        R18
          .          .
          .          .
368       .          .          19
          .          .           .
          .          .           .
375       .       CP19............
          .          V
          .          V
378       .        R19
          .          .
          .          .
384       .          .          21
          .          .           .
          .          .           .
391       .      I1CP21............
          .          .
          .          .
394       .          .          20
          .          .           V
          .          .           V
401       .          .        SR20
          .          .           V
          .          .           V
410       .          .         R20
          .          .           .
          .          .           .
416       .       CP21............
          .          V
          .          V
419       .       SR21
          .          V
          .          V
426       .        R21
          .          .
          .          .
          .          .          23
          .          .           .
          .          .           .
438       .       CP23............
          .          V
          .          V
```

```
441   .      SR23
      .        V
      .        V
450   .      R23
      .        .
      .        .
456   .        .        22
      .        .         V
      .        .         V
463   .        .       R22
      .        .         .
      .        .         .
469   .        .         .        22A
      .        .         .          .
      .        .         .          .
476   .        .    I1C22A............
      .        .         .
      .        .         .
479   .    CP22A............
      .        V
      .        V
482   .    R22A
      .        .
      .        .
488   .        .        25
      .        .         .
      .        .         .
495   .   I1CP25............
      .        .
      .        .
      .        .        24
      .        .         V
      .        .         V
505   .        .      SR24
      .        .         V
      .        .         V
511   .        .      R24
      .        .         .
      .        .         .
517   .    CP25............
      .        V
      .        V
520   .    SR25
      .        .
      .        .
526   .        .        26
      .        .         V
      .        .         V
534   .        .      R26
      .        .         .
      .        .         .
540   .        .         .        27
      .        .         .          .
      .        .         .          .
548   .        .    I1CP27............
      .        .         V
      .        .         V
551   .        .      SR27
      .        .         .
      .        .         .
557   .    CP27............
      .        V
```

```
          .          V
560       .        R27
          .          .
          .          .
          .          .        34
          .          .         .
          .          .         .
573       .          .         .          33
          .          .         .           .
          .          .         .           .
580       .          .      CP33............
          .          .         V
          .          .         V
583       .          .       R33
          .          .         .
          .          .         .
589       .          .         .          35
          .          .         .           .
          .          .         .           .
596       .          .    I1CP35............
          .          .         .
          .          .         .
599       .          .         .          32
          .          .         .           .
          .          .         .           .
607       .          .      CP35............
          .          .         V
          .          .         V
610       .          .       R35
          .          .         .
          .          .         .
616       .          .         .          36
          .          .         .           .
          .          .         .           .
623       .          .    I1CP36............
          .          .         .
          .          .         .
626       .          .         .          37
          .          .         .           .
          .          .         .           .
634       .          .      CP36............
          .          .         V
          .          .         V
637       .          .       R36
          .          .         .
          .          .         .
643       .          .         .          38
          .          .         .           .
          .          .         .           .
650       .          .      CP38............
          .          .         V
          .          .         V
653       .          .      SR38
          .          .         V
          .          .         V
659       .          .       R38
          .          .         .
          .          .         .
665       .          .         .          39
          .          .         .           .
          .          .         .           .
673       .          .    I1CP39............
```

```
        .          .          .
        .          .          .
676     .       CP39............
        .          V
        .          V
679     .        R39
        .          .
        .          .
687     .          .-------> DVRB42
685     .        D42
        .          .
        .          .
690     .          .         40
        .          .          V
        .          .          V
697     .          .        R40
        .          .          .
        .          .          .
703     .          .          .         42
        .          .          .          .
        .          .          .          .
711     .          .     1IRB42............
        .          .          .
        .          .          .
716     .          .          .          .<-------  DVRB42
714     .          .          .        D42
        .          .          .          .
        .          .          .          .
717     .          .       RB42............
        .          .          V
        .          .          V
721     .          .     SRRB42
        .          .          .
        .          .          .
728     .       CP42............
        .          V
        .          V
731     .        R42
        .          .
        .          .
737     .          .       43-4
        .          .          V
        .          .          V
743     .          .     SR43-4
        .          .          .
        .          .          .
751     .          .          .-------> DI43-4
749     .          .     CP43-4
        .          .          V
        .          .          V
754     .          .      R43-4
        .          .          .
        .          .          .
760     .          .          .       43-5
        .          .          .          .
        .          .          .          .
        .          .     CP43-5............
        .          .          V
        .          .          V
769     .          .     SR43-5
        .          .          .
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780     .       .       .-------> DI43-5
778     .       .   CP43-5
        .       .       V
        .       .       V
        .       .    R43-5
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        .       .       .
791     .       .       .       43-6
        .       .       .         .
        .       .       .         .
797     .       .   CP43-6............
        .       .       V
        .       .       V
800     .       .   SR43-6
        .       .       .
        .       .       .
811     .       .       .-------> DI43-6
809     .       .   CP43-6
        .       .       V
        .       .       V
816     .       .    R43-6
        .       .       .
        .       .       .
822     .       .       .       43-7
        .       .       .         .
        .       .       .         .
828     .       .   CP43-7............
        .       .       V
        .       .       V
831     .       .   SR43-7
        .       .       .
        .       .       .
839     .       .       .-------> DI43-7
837     .       .   CP43-7
        .       .       V
        .       .       V
842     .       .    R43-7
        .       .       .
        .       .       .
848     .       .       .       43-8
        .       .       .         .
        .       .       .         .
854     .       .   CP43-8............
        .       .       V
        .       .       V
857     .       .   SR43-8
        .       .       .
        .       .       .
868     .       .       .-------> DI43-8
866     .       .   CP43-8
        .       .       V
        .       .       V
873     .       .    R43-8
        .       .       .
        .       .       .
879     .       .       .        43
        .       .       .         .
        .       .       .         .
885     .       .   I1CP43............
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        .       .       .
888     .       CP43............
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        .          V
        .          V
891     .        R43
        .          .
        .          .
899     .          .          .<-------  DI43-4
897     .          .      CP43-4
        .          .          V
        .          .          V
900     .          .      RD43-4
        .          .          .
        .          .          .
908     .          .          .          .<-------  DI43-5
906     .          .          .      CP43-5
        .          .          .          V
        .          .          .          V
909     .          .          .      RD43-5
        .          .          .          .
        .          .          .          .
915     .          .      I1CWT4............
        .          .          .
        .          .          .
920     .          .          .          .<-------  DI43-6
918     .          .          .      CP43-6
        .          .          .          V
        .          .          .          V
921     .          .          .      RD43-6
        .          .          .          .
        .          .          .          .
927     .          .      I2CWT4............
        .          .          .
        .          .          .
932     .          .          .          .<-------  DI43-7
930     .          .          .      CP43-7
        .          .          .          V
        .          .          .          V
933     .          .          .      RD43-7
        .          .          .          .
        .          .          .          .
939     .          .      I3CWT4............
        .          .          .
        .          .          .
944     .          .          .          .<-------  DI43-8
942     .          .          .      CP43-8
        .          .          .          V
        .          .          .          V
945     .          .          .      RD43-8
        .          .          .          .
        .          .          .          .
951     .          .      I4CWT4............
        .          .          .
        .          .          .
954     .          .          .         44
        .          .          .          .
        .          .          .          .
        .          .      I5CWT4............
        .          .          .
        .          .          .
964     .      I6CWT4............
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967     .          .        45-1
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                 .          .          V
                 .          .          V
973              .          .     SR45-1
                 .          .          .
                 .          .          .
                 .          .          .-------> DI45-1
980              .          .     CP45-1
                 .          .          V
                 .          .          V
985              .          .      R45-1
                 .          .          .
                 .          .          .
991              .          .          .          45
                 .          .          .           .
                 .          .          .           .
999              .          .      CP45............
                 .          .          V
                 .          .          V
1002             .          .      SR45
                 .          .          .
                 .          .          .
1011             .          .          .-------->   DI45
1009             .          .      CP45
                 .          .          V
                 .          .          V
1014             .          .      R45
                 .          .          .
                 .          .          .
1020             .          .          .        46-1
                 .          .          .           .
                 .          .          .           .
1027             .          .     CP46-1............
                 .          .          V
                 .          .          V
1030             .          .     SR46-1
                 .          .          .
                 .          .          .
1039             .          .          .-------> DI46-1
1037             .          .     CP46-1
                 .          .          V
                 .          .          V
1042             .          .      R46-1
                 .          .          .
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1048             .          .          .          46
                 .          .          .           .
                 .          .          .           .
1056             .          .     I1CP46............
                 .          .          .
                 .          .          .
1059             .          .          .        232A
                 .          .          .           V
                 .          .          .           V
1066             .          .          .       R232A
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2                .          .          .           .          28
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                 .          .          .           .           .
1080             .          .          .        CP28............
                 .          .          .           V
                 .          .          .           V
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1083          .         .         .        R28
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1089          .         .         .          .          30
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1096          .         .         .    I1CP30............
              .         .         .          .
              .         .         .          .
1099          .         .         .          .          29
              .         .         .          .           V
              .         .         .          .           V
1106          .         .         .          .        SR29
              .         .         .          .           V
              .         .         .          .           V
1112          .         .         .          .         R29
              .         .         .          .           .
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1118          .         .         .      CP30............
              .         .         .         V
              .         .         .         V
1121          .         .         .        R30
              .         .         .          .
              .         .         .          .
1127          .         .         .          .          31
              .         .         .          .           .
              .         .         .          .           .
1135          .         .         .      CP31............
              .         .         .         V
              .         .         .         V
              .         .         .        R31
              .         .         .          .
              .         .         .          .
1144          .         .     CP46............
              .         .        V
              .         .        V
1147          .         .     SR46
              .         .        V
              .         .        V
1153          .         .      R46
              .         .        .
              .         .        .
1161          .         .         .          .<-------  DI45-1
1159          .         .         .    CP45-1
              .         .         .          V
              .         .         .          V
1162          .         .         .    RD45-1
              .         .         .          .
              .         .         .          .
1170          .         .         .          .           .<-------    DI45
1168          .         .         .          .        CP45
              .         .         .          .           V
              .         .         .          .           V
1171          .         .         .          .        RD45
              .         .         .          .           .
              .         .         .          .           .
              .         .         .    I7CWT4............
              .         .         .          .
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1182          .         .         .          .           .<-------  DI46-1
1180          .         .         .          .      CP46-1
              .         .         .          .           V
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                .          .          .          .          V
1183            .          .          .          .      RD46-1
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                .          .          .     I8CWT4............
                .          .          .          .
                .          .          .          .
1192            .          .          .          .        WT4
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                .          .          .          .          .
1199            .          .          .     I9CWT4............
                .          .          .          .
                .          .          .          .
1202            .          .     I10WT4............
                .          .          .
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1205            .      CPWT4............
                .          V
                .          V
1208            .      SRWT4
                .          .
                .          .
1218        NONE............
                .
                .
1222            .        111
                .          .
                .          .
1233            .          .-------->   DI119
1231            .      D111
                .          V
                .          V
1236            .      R111
                .          .
                .          .
1242            .          .        104
                .          .          V
                .          .          V
1249            .          .       R104
                .          .          .
                .          .          .
1255            .          .          .        112
                .          .          .          .
                .          .          .          .
1266            .          .      1I112............
                .          .          .
                .          .          .
1269            .      CP112............
                .          .
                .          .
1274            .          .-------->   DI120
1272            .      D112
                .          .
                .          .
1279            .          .-------->  1D121A
77              .      D112
                .          V
                .          V
1282            .      R112
                .          .
                .          .
1288            .          .        113A
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                .         .         .         .         .
2072            .         .         .      1I215.........
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                .         .      CP215.........
                .         .         V
                .         .         V
2078            .         .      R215
                .         .         .
                .         .         .
2084            .         .         .       233
                .         .         .         .
                .         .         .         .
2092            .         .      CP233.........
                .         .         V
                .         .         V
2095            .         .      R233
                .         .         .
                .         .         .
2101            .         .         .       216
                .         .         .         V
                .         .         .         V
2110            .         .         .      R216
                .         .         .         .
                .         .         .         .
2116            .         .         .         .       234
                .         .         .         .         .
                .         .         .         .         .
2126            .         .         .      1I234.........
                .         .         .         .
                .         .         .         .
2129            .         .      CP234.........
                .         .         .
                .         .         .
2134            .         .         .------->  1D248
2132            .         .      D234
                .         .         V
                .         .         V
2137            .         .      R234
                .         .         .
                .         .         .
2143            .         .         .       207
                .         .         .         .
                .         .         .         .
2156            .         .         .         .------->  2D208
2154            .         .         .      D207
                .         .         .         V
                .         .         .         V
2159            .         .         .      R207
                .         .         .         .
                .         .         .         .
2165            .         .         .         .       217
                .         .         .         .         .
                .         .         .         .         .
2175            .         .         .      CP217.........
                .         .         .         .
                .         .         .         .
2180            .         .         .         .------->  DI218
2178            .         .         .      D217
                .         .         .         V
                .         .         .         V
2183            .         .         .      R217
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2189            .          .          .          .        235
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2200            .          .          .      1I235............
                .          .          .          .
                .          .          .          .
2203            .          .      CP235............
                .          .          .
                .          .          .
2208            .          .          .-------->   2D248
2206            .          .      D235
                .          .         V
                .          .         V
2211            .          .      R235
                .          .          .
                .          .          .
2219            .          .          .          .<-------   1D208
2217            .          .          .      D191
                .          .          .         V
                .          .          .         V
2220            .          .          .      R191
                .          .          .          .
                .          .          .          .
2226            .          .          .          .        208
                .          .          .          .          .
                .          .          .          .          .
2237            .          .          .      1I208............
                .          .          .          .
                .          .          .          .
2242            .          .          .          .          .<-------   2D208
2240            .          .          .          .      D207
                .          .          .          .         V
                .          .          .          .         V
2243            .          .          .          .      R207
                .          .          .          .          .
                .          .          .          .          .
2249            .          .          .      CP208............
                .          .          .          .
                .          .          .          .
2254            .          .          .          .-------->   1D219
2252            .          .          .      D208
                .          .          .          .
                .          .          .          .
2259            .          .          .          .-------->  DI209A
2257            .          .          .      D208
                .          .          .         V
                .          .          .         V
2262            .          .          .      R208
                .          .          .          .
                .          .          .          .
2268            .          .          .          .        218
                .          .          .          .          .
                .          .          .          .          .
79              .          .          .      1I218............
                .          .          .          .
                .          .          .          .
2284            .          .          .          .          .<--------   DI218
2282            .          .          .          .      D217
                .          .          .          .         V
                .          .          .          .         V
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2285    .       .       .       .       R217
        .       .       .       .         .
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2291    .       .       .   CP218............
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        .       .       .       .
2296    .       .       .       .-------->  DI237
2294    .       .       .    D218
        .       .       .       .
        .       .       .       .
2301    .       .       .       .-------->  2D219
2299    .       .       .    D218
        .       .       .       V
        .       .       .       V
2304    .       .       .    R218
        .       .       .       .
        .       .       .       .
2310    .       .       .       .       236
        .       .       .       .         .
        .       .       .       .         .
2321    .       .       .   1I236............
        .       .       .       .
        .       .       .       .
2324    .       .   CP236............
        .       .       .
        .       .       .
2329    .       .       .-------->  DI249
2327    .       .    D236
        .       .       .
        .       .       .
        .       .       .-------->  1D250
2332    .       .    D236
        .       .       V
        .       .       V
2337    .       .    R236
        .       .       .
        .       .       .
2345    .       .       .       .<--------  2D209A
2343    .       .       .   D192A
        .       .       .       V
        .       .       .       V
2346    .       .       .   R192A
        .       .       .       .
        .       .       .       .
2352    .       .       .       .       209A
        .       .       .       .         .
        .       .       .       .         .
2362    .       .       .  1I209A............
        .       .       .       .
        .       .       .       .
2367    .       .       .       .         .<--------  DI209A
2365    .       .       .       .       D208
        .       .       .       .         V
        .       .       .       .         V
2368    .       .       .       .       R208
        .       .       .       .         .
        .       .       .       .         .
2374    .       .       .  CP209A............
        .       .       .       V
        .       .       .       V
2377    .       .       .   R209A
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                .           .           .           .
2385            .           .           .           .           .<-------   1D219
2383            .           .           .           .        D208
                .           .           .           .           V
                .           .           .           .           V
2388            .           .           .           .        R208
                .           .           .           .           .
                .           .           .           .           .
2392            .           .           .           .           .         219
                .           .           .           .           .           .
                .           .           .           .           .           .
2402            .           .           .           .      1I219............
                .           .           .           .           .
                .           .           .           .           .
2405            .           .           .      2I219............
                .           .           .           .
                .           .           .           .
2410            .           .           .           .           .<-------   2D219
2408            .           .           .           .        D218
                .           .           .           .           V
                .           .           .           .           V
2411            .           .           .           .        R218
                .           .           .           .           .
                .           .           .           .           .
2417            .           .           .      CP219............
                .           .           .           V
                .           .           .           V
2420            .           .           .       R219
                .           .           .           .
                .           .           .           .
                .           .           .           .           .<-------   DI237
2426            .           .           .           .        D218
                .           .           .           .           V
                .           .           .           .           V
2429            .           .           .           .        R218
                .           .           .           .           .
                .           .           .           .           .
2435            .           .           .           .           .         237
                .           .           .           .           .           .
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2446            .           .           .           .      1I237............
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                .           .           .           .           .
2449            .           .           .      2I237............
                .           .           .           .
                .           .           .           .
2452            .           .      CP237............
                .           .           V
                .           .           V
2455            .           .       R237
                .           .           .
                .           .           .
2463            .           .           .           .<-------   1D250
2461            .           .           .       D236
                .           .           .           V
                .           .           .           V
2464            .           .           .       R236
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2470            .           .           .           .         250
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2480    .         .         .      1I250............
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2483    .         .      2I250............
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2486    .         .         .       247
        .         .         .         .
        .         .         .         .
2498    .         .         .         .-------->   DI261
2496    .         .         .      D247
        .         .         .         V
        .         .         .         V
2501    .         .         .      R247
        .         .         .         .
        .         .         .         .
2507    .         .         .         .        248
        .         .         .         .          .
        .         .         .         .          .
2520    .         .         .         .          .          .<-------   1D248
2518    .         .         .         .          .       D234
        .         .         .         .          .          V
        .         .         .         .          .          V
2521    .         .         .         .          .       R234
        .         .         .         .          .          .
        .         .         .         .          .          .
2527    .         .         .         .      1I248............
        .         .         .         .          .
        .         .         .         .          .
2530    .         .         .      2I248............
        .         .         .         .
        .         .         .         .
2535    .         .         .         .          .<-------   2D248
2533    .         .         .         .       D235
        .         .         .         .          V
        .         .         .         .          V
2536    .         .         .         .       R235
        .         .         .         .          .
        .         .         .         .          .
2542    .         .         .      CP248............
        .         .         .         .
        .         .         .         .
2547    .         .         .         .-------->   DI262
2545    .         .         .      D248
        .         .         .         V
        .         .         .         V
2550    .         .         .      R248
        .         .         .         .
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2556    .         .         .         .        249
        .         .         .         .          .
        .         .         .         .          .
2567    .         .         .      1I249............
        .         .         .         .
        .         .         .         .
2570    .         .         .         .          .<-------   DI249
        .         .         .         .       D236
        .         .         .         .          V
        .         .         .         .          V
2573    .         .         .         .       R236
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2579    .         .         .      CP249............
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2584    .         .         .         .-------->   DI264
        .         .         .      D249
        .         .         .         V
        .         .         .         V
2587    .         .         .      R249
        .         .         .         .
        .         .         .         .
2593    .         .      CP250............
        .         .         .
        .         .         .
2598    .         .         .-------->   DI265
2596    .         .      D250
        .         .         .
        .         .         .
2601    .      NONE............
        .         .
        .         .
2605    .         .      232
        .         .        V
        .         .        V
2612    .         .      R232
        .         .         .
        .         .         .
2618    .         .         .        246
        .         .         .         .
        .         .         .         .
2626    .         .      CP246............
        .         .        V
        .         .        V
2629    .         .      R246
        .         .         .
        .         .         .
2635    .         .         .        260
        .         .         .         .
        .         .         .         .
2642    .         .      CP260............
        .         .        V
        .         .        V
2645    .         .      R260
        .         .         .
        .         .         .
2651    .         .         .        273
        .         .         .         .
        .         .         .         .
2659    .         .      CP273............
        .         .        V
        .         .        V
2662    .         .      R273
        .         .         .
        .         .         .
2668    .         .         .        261
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        .         .         .         .
81      .         .         .         .          .<--------   DI261
2679    .         .         .         .       D247
        .         .         .         .         V
        .         .         .         .         V
2682    .         .         .         .       R247
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                .          .          .          .          .
2688            .          .          .     CP261...........
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                .          .          .          .-------->  DI277
                .          .          .     D261
                .          .          .        V
                .          .          .        V
2696            .          .          .     R261
                .          .          .          .
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2702            .          .          .          .        274
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2714            .          .          .     1I274...........
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2717            .          .     CP274...........
                .          .        V
                .          .        V
2720            .          .     R274
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2726            .          .          .       275
                .          .          .          .
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2734            .          .     CP275...........
                .          .        V
                .          .        V
2737            .          .     R275
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2743            .          .          .       276
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2753            .          .     CP276...........
                .          .        V
                .          .        V
2756            .          .     R276
                .          .          .
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2764            .          .          .          .<--------  DI262
2762            .          .          .     D248
                .          .          .        V
                .          .          .        V
2765            .          .          .     R248
                .          .          .          .
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2771            .          .          .          .        262
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2782            .          .          .     CP262...........
                .          .          .          .
                .          .          .          .
2787            .          .          .          .-------->  1D278
2785            .          .          .     D262
                .          .          .          .
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2792            .          .          .          .-------->  DI263
2790            .          .          .     D262
                .          .          .        V
                .          .          .        V
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2795          .          .          .        R262
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2803          .          .          .          .          .<-------   DI277
              .          .          .          .       D261
              .          .          .          .          V
              .          .          .          .          V
2804          .          .          .          .       R261
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2810          .          .          .          .          .         277
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2820          .          .          .          .      1I277............
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2823          .          .          .       2I277............
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2826          .          .      CP277............
              .          .          V
              .          .          V
2829          .          .      R277
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2835          .          .          .        279D
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2842          .          .     CP279D............
              .          .          V
              .          .          V
2845          .          .     R279D
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2851          .          .          .        279C
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2858          .          .     CP279C............
              .          .          V
              .          .          V
2861          .          .     R279C
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2867          .          .          .        279B
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2874          .          .     CP279B............
              .          .          V
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2877          .          .     R279B
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2883          .          .          .        279A
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2890          .          .     CP279A............
              .          .          V
              .          .          V
2893          .          .     R279A
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2899          .          .          .         279
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2906            .           .       1I279............
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                .           .           .           .<-------   DI263
2909            .           .           .       D262
                .           .           .           V
                .           .           .           V
2912            .           .           .       R262
                .           .           .           .
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2918            .           .           .           .         263
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2928            .           .           .      CP263............
                .           .           .           .
                .           .           .           .
2933            .           .           .           .------->   2D278
2931            .           .           .       D263
                .           .           .           V
                .           .           .           V
2936            .           .           .       R263
                .           .           .           .
                .           .           .           .
2944            .           .           .           .           .<-------   DI264
2942            .           .           .           .       D249
                .           .           .           .           V
                .           .           .           .           V
2945            .           .           .           .       R249
                .           .           .           .           .
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2951            .           .           .           .           .         264
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2961            .           .           .           .      1I264............
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2964            .           .           .      CP264............
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2969            .           .           .           .           .<-------   DI265
2967            .           .           .           .       D250
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                .           .           .           .           V
2970            .           .           .           .       R250
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2976            .           .           .           .           .         265
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2987            .           .           .           .      1I265............
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                .           .           .           .           .
2990            .           .           .      CP265............
                .           .           .           V
                .           .           .           V
2993            .           .           .       R265
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3001            .           .           .           .           .<-------   1D278
2999            .           .           .           .       D262
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                 .         .         .         .         V
3002             .         .         .         .      R262
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3019             .         .         .         .     1I278............
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3024             .         .         .         .         .          .<--------   2D278
3022             .         .         .         .         .       D263
                 .         .         .         .         .          V
                 .         .         .         .         .          V
3025             .         .         .         .         .       R263
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3031             .         .         .         .     2I278............
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3034             .         .         .      CP278............
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                 .         .         .          V
3037             .         .         .       R278
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3043             .         .     CP279............
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                 .         .         V
                 .         .      R279
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3052             .         .         .       294A
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3059             .         .    CP294A............
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3062             .         .     R294A
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3068             .         .         .        295
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3075             .         .     CP295............
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                 .         .         V
3078             .         .      R295
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3084             .         .         .        311
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3095             .         .     CP311............
                 .         .         V
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3098             .         .      R311
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3104             .         .         .        330
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3113            .          .      1I330...........
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                .          .          .       265A
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3126            .          .          .      R265A
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3132            .          .          .          .        281
                .          .          .          .          .
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3143            .          .          .      CP281...........
                .          .          .          V
                .          .          .          V
3146            .          .          .      SR281
                .          .          .          .
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3154            .          .          .          .-------->   DI280
3152            .          .          .       D281
                .          .          .          V
                .          .          .          V
3157            .          .          .       R281
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3163            .          .          .          .        282
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3170            .          .          .      CP282...........
                .          .          .          V
                .          .          .          V
3173            .          .          .      SR282
                .          .          .          V
                .          .          .          V
3179            .          .          .       R282
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3185            .          .          .          .        280
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3198            .          .          .          .          .          .<-------   DI280
3196            .          .          .          .          .       D281
                .          .          .          .          .          V
                .          .          .          .          .          V
3199            .          .          .          .          .       R281
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3205            .          .          .          .      CP280...........
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3208            .          .          .          .      SR280
                .          .          .          .          V
                .          .          .          .          V
3214            .          .          .          .       R280
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3220            .          .          .          .          .       280A
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3229            .          .          .          .     CP280A...........
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                .         .         .         .         V
3232            .         .         .         .     SR280A
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                .         .         .         .         V
                .         .         .         .     R280A
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3244            .         .         .         .         .         296
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3254            .         .         .     CP296.......................
                .         .         .         V
                .         .         .         V
3257            .         .         .      R296
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3263            .         .         .         .       312
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3273            .         .         .     CP312............
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3276            .         .         .      R312
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3282            .         .         .         .       331
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3292            .         .         .     1I331............
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3295            .         .         .         .      295A
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3301            .         .         .         .     R295A
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3307            .         .         .         .         .        311A
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3316            .         .         .         .    CP311A............
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3319            .         .         .         .     R311A
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3325            .         .         .     CP331............
                .         .         .         .
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3328            .         .    CP330............
                .         .         V
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3331            .         .      R330
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7               .         .         .      346A
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3347            .         .    CP346A............
                .         .         V
                .         .         V
3350            .         .      R346A
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3358            .           .           .-------> 1D378G
3356            .           .       D346A
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3361            .       NONE............
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3365            .           .        1D1
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3372            .           .           .       1D2A
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3380            .           .      CP101............
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3383            .           .       R101
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                .           .           .
3389            .           .           .        102
                .           .           .          .
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3397            .           .      CP102............
                .           .           V
                .           .           V
3400            .           .       R102
                .           .           .
                .           .           .
                .           .           .        108
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3417            .           .      1I108............
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3420            .           .           .        103
                .           .           .          V
                .           .           .          V
3429            .           .           .       R103
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                .           .           .          .
3435            .           .      CP108............
                .           .           V
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3438            .           .       R108
                .           .           .
                .           .           .
3444            .           .           .        105
                .           .           .          V
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3451            .           .           .       R105
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3457            .           .           .          .        106
                .           .           .          .          .
                .           .           .          .          .
3465            .           .           .     CP106............
                .           .           .          V
                .           .           .          V
3468            .           .           .       R106
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3474            .         .         .         .        107
                .         .         .         .          .
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                .         .         .     CP107............
                .         .         .         V
                .         .         .         V
3487            .         .         .      R107
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3493            .         .         .         .        115
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3503            .         .         .     1I115............
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3506            .         .     2I115............
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3509            .         .         .       113
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                .         .         .         V
3519            .         .         .      R113
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3525            .         .         .         .        114
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                .         .         .         .          .
3535            .         .         .     CP114............
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                .         .         .         V
3538            .         .         .      R114
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3544            .         .     CP115............
                .         .         V
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3547            .         .      R115
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                .         .         .
3553            .         .         .      100A
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                .         .         .         V
3561            .         .         .     R100A
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3567            .         .         .         .        100
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3575            .         .         .     CP100............
                .         .         .         V
                .         .         .         V
3578            .         .         .      R100
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3584            .         .         .         .        109
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3595            .         .         .     CP109............
                .         .         .         V
                .         .         .         V
3598            .         .         .      R109
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3604            .          .          .          .        116
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3613            .          .          .      1I116............
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3619            .          .      CP116............
                .          .          V
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3622            .          .       R116
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3628            .          .          .        110
                .          .          .          V
                .          .          .          V
3637            .          .          .       R110
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3643            .          .          .          .        117
                .          .          .          .          .
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3652            .          .          .      1I117............
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3655            .          .      2I117............
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3658            .          .          .       117A
                .          .          .          V
                .          .          .          V
3667            .          .          .      R117A
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3673            .          .      CP117............
                .          .          V
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3676            .          .       R117
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3682            .          .          .        118
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3691            .          .      CP118............
                .          .          .
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3696            .          .          .-------->  DIC118
3694            .          .     DCP118
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                .          .          .
3699            .       NONE............
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                .          .
3703            .          .        123
                .          .          .
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3715            .          .          .-------->   DI124
3713            .          .       D123
                .          .          V
                .          .          V
3718            .          .       R123
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3724            .          .          .        134
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3734            .          .      CP134............
                .          .          V
                .          .          V
3737            .          .      R134
                .          .          .
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3745            .          .          .          .<-------   DI124
3743            .          .          .      D123
                .          .          .          V
                .          .          .          V
3746            .          .          .      R123
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3752            .          .          .          .        124
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3763            .          .          .     CP124............
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3768            .          .          .          .------->   DI136
3766            .          .          .      D124
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3773            .          .          .          .------->   DI125
3771            .          .          .      D124
                .          .          .          V
                .          .          .          V
3776            .          .          .      R124
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3782            .          .      II135............
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3785            .          .          .        135
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3795            .          .      CP135............
                .          .          V
                .          .          V
3798            .          .      R135
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3806            .          .          .          .<-------   DI136
3804            .          .          .      D124
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3807            .          .          .      R124
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3813            .          .          .          .        136
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3823            .          .          .     II136............
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3826            .          .      CP136............
                .          .          V
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3829      .         .      R136
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3847      .         .      1I137............
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3850      .         .         .        125
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3860      .         .         .          .          .<-------   DI125
3858      .         .         .          .       D124
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3861      .         .         .          .       R124
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3867      .         .         .      CP125............
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3872      .         .         .          .------->   DI126
3870      .         .         .       D125
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3877      .         .         .          .------->   DI138
3875      .         .         .       D125
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3880      .         .         .       R125
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3886      .         .      CP137............
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3889      .         .      R137
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3895      .         .         .        126
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3908      .         .         .          .          .<-------   DI126
3906      .         .         .          .       D125
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          .         .         .          .          V
3909      .         .         .          .       R125
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3915      .         .         .      CP126............
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3920      .         .         .          .------->   DI139
3918      .         .         .       D126
          .         .         .          V
          .         .         .          V
3923      .         .         .       R126
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3931      .         .         .          .          .<-------   DI138
3929      .         .         .          .       D125
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                .         .         .         .         V
3932            .         .         .         .      R125
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3938            .         .         .         .         .        138
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3949            .         .         .         .     1I138............
                .         .         .         .         .
                .         .         .         .         .
3952            .         .         .     2I138............
                .         .         .         .
                .         .         .         .
3955            .         .    CP138............
                .         .         .
                .         .         .
3961            .         .         .-------->  BAS138
3959            .         .     D138
                .         .        V
                .         .        V
3964            .         .     R138
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3970            .         .         .       153
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                .         .         .         V
3981            .         .         .     SR153
                .         .         .         V
                .         .         .         V
                .         .         .      R153
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3993            .         .         .         .       154
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4001            .         .         .     1I154............
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4004            .         .    CP154............
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4007            .         .     R154
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4021            .         .    1I157............
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4024            .         .         .       127
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                .         .         .         V
4030            .         .         .      R127
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4036            .         .         .         .       139
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4046            .         .         .     1I139............
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4051            .           .           .           .           .<-------   DI139
4049            .           .           .           .        D126
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4052            .           .           .           .        R126
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4058            .           .           .       2I139............
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4061            .           .           .           .         140
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4069            .           .           .       CP139............
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4072            .           .           .       SR139
                .           .           .           V
                .           .           .           V
4078            .           .           .        R139
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4084            .           .           .           .         156
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4093            .           .           .       CP156............
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4096            .           .           .        R156
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4102            .           .       CP157............
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                .           .           V
4105            .           .        R157
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4111            .           .           .         172
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4119            .           .       CP172............
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4122            .           .        R172
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4128            .           .           .         173
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4138            .           .       CP173............
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4141            .           .           .        156A
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                .           .           .           V
4148            .           .           .       R156A
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4154            .           .           .           .         158
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4167    .         .         .        .        158C
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4175    .         .         .        .       R158C
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4181    .         .         .        .          .        158B
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4191    .         .         .        .     CP158B............
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4194    .         .         .        .       R158B
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4200    .         .         .        .          .        158A
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4211    .         .         .        .     CP158A............
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4214    .         .         .        .     SR158A
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4222    .         .         .        .          .-------> DI158A
4220    .         .         .        .       D158A
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4225    .         .         .        .       R158A
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4231    .         .         .     CP158............
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        .         .         .        V
4234    .         .         .     R158
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4240    .         .         .        .        173B
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4249    .         .         .    CP173B............
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4252    .         .         .        .        158E
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4259    .         .         .        .       R158E
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4265    .         .         .        .          .        158D
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4272    .         .         .        .     RC158D............
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4275    .         .         .        .     RR158D
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4283    .         .         .        .          .          .<-------- DI158A
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4284  .         .         .         .   RC158A............
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4287  .         .         .         .   RR158A
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4296  .         .     RCP173............
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4305  .         .         .       171
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4317  .         .         .      R171
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4323  .         .         .         .       173A
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4332  .         .         .     CP173A............
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5     .         .     RC173A............
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4338  .         .     RR173A
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4344  .         .         .       186
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4361  .         .         .         .       187
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4367  .         .         .     CP187............
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4370  .         .     RCP187............
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4373  .         .      RR187
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4379  .         .         .       199
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4389  .         .         .      R199
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4395  .         .         .         .       200
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4404            .          .          .       CP200............
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                .          .     RCP200............
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                .          .          V
4410            .          .      RR200
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4418            .          .          .-------->  DIC200
4416            .          .     DCP200
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4421            .       NONE............
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4425            .          .        147
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4437            .          .          .-------->   DI166
4435            .          .       D147
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                .          .          V
4440            .          .       R147
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4446            .          .          .         148
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                .          .     CP148............
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4461            .          .          .-------->   DI150
4459            .          .       D148
                .          .          V
                .          .          V
4464            .          .       R148
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4472            .          .          .          .<--------   DI166
4470            .          .          .       D147
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                .          .          .          V
4473            .          .          .       R147
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4479            .          .          .          .         166
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4490            .          .          .      1I166............
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4493            .          .     CP166............
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 8              .          .          .-------->   DI167
4496            .          .       D166
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4501            .          .       R166
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4507            .          .          .        180
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                .          .      CP180............
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4523            .          .          .-------->  1D195
4521            .          .      D180
                .          .        V
                .          .        V
4526            .          .      R180
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4532            .          .          .        181
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4541            .          .      CP181............
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4546            .          .          .-------->  2D195
4544            .          .      D181
                .          .        V
                .          .        V
4549            .          .      R181
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4555            .          .          .        182
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                .          .      II182............
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4569            .          .          .          .<--------  DI150
4567            .          .          .      D148
                .          .          .        V
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4570            .          .          .      R148
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4576            .          .          .          .        150
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4585            .          .          .     CP150............
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4588            .          .          .      R150
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4594            .          .          .          .        151
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4603            .          .          .     II151............
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06              .          .          .          .        149
                .          .          .          .          V
                .          .          .          .          V
4616            .          .          .          .      R149
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4622            .          .          .     CP151............
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4627            .          .          .          .-------->   1D168
4625            .          .          .       D151
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4632            .          .          .          .-------->   DI152
4630            .          .          .       D151
                .          .          .          V
                .          .          .          V
4635            .          .          .       R151
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4641            .          .          .          .         167
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4652            .          .          .      1I167............
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4657            .          .          .          .           .<--------   DI167
4655            .          .          .          .       D166
                .          .          .          .           V
                .          .          .          .           V
4658            .          .          .          .       R166
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4664            .          .          .      CP167............
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4669            .          .          .          .-------->   1D183
                .          .          .       D167
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4674            .          .          .          .-------->   2D168
4672            .          .          .       D167
                .          .          .          V
                .          .          .          V
4677            .          .          .       R167
                .          .          .          .
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4683            .          .          .          .       181A
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4693            .          .          .     CP181A............
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4698            .          .          .          .-------->   2D183
4696            .          .          .      D181A
                .          .          .          V
                .          .          .          V
4701            .          .          .      R181A
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4707            .          .     CP182............
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                .          .          .-------->   DI196
4710            .          .      D182
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4715            .          .      R182
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4723            .          .          .          .<-------   DI152
4721            .          .          .       D151
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                .          .          .          V
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4730            .          .          .          .         152
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4740            .          .          .      CP152............
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4745            .          .          .          .------->   1D169
4743            .          .          .       D152
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4750            .          .          .          .------->   DI155
4748            .          .          .       D152
                .          .          .          V
                .          .          .          V
4753            .          .          .       R152
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4761            .          .          .          .           .<-------   1D168
4759            .          .          .          .        D151
                .          .          .          .           V
                .          .          .          .           V
4762            .          .          .          .        R151
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4768            .          .          .          .           .         168
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4778            .          .          .          .       1I168............
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4783            .          .          .          .           .           .<-------   2D168
4781            .          .          .          .           .        D167
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                .          .          .          .           .           V
4784            .          .          .          .           .        R167
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4790            .          .          .          .       2I168............
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4793            .          .          .      CP168............
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4798            .          .          .          .------->   2D169
4796            .          .          .       D168
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4801            .          .          .       R168
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4809            .          .          .          .           .<-------   1D183
4807            .          .          .          .        D167
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                .          .          .          .           V
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4810  .         .         .         .      R167
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4816  .         .         .         .        .        183
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4824  .         .         .         .   1I183............
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4829  .         .         .         .        .          .<-------   2D183
4827  .         .         .         .        .      D181A
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4830  .         .         .         .        .      R181A
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4836  .         .         .         .   2I183............
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4839  .         .         .     CP183............
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4842  .         .         .     R183
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4848  .         .         .         .      184
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4858  .         .         .     1I184............
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4861  .         .     2I184............
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4866  .         .         .         .<-------   DI155
4864  .         .         .     D152
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      .         .         .         V
4867  .         .         .     R152
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4873  .         .         .         .      155
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4882  .         .         .     CP155............
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4885  .         .         .     R155
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4893  .         .         .         .        .<-------   1D169
4891  .         .         .         .   D152
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      .         .         .         .      V
4894  .         .         .         .   R152
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4900  .         .         .         .        .        169
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4910  .         .         .         .   1I169............
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4913            .          .          .      2I169...........
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4916            .          .          .          .          .<-------   2D169
                .          .          .          .      D168
                .          .          .          .         V
                .          .          .          .         V
4919            .          .          .          .      R168
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4925            .          .          .      CP169...........
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4928            .          .          .       R169
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4934            .          .      CP184...........
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4939            .          .          .------->   DI197
4937            .          .      D184
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4944            .          .          .------->   DI198
4942            .          .      D184
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4947            .          .      R184
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4953            .          .          .       170
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4962            .          .          .      R170
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4968            .          .          .          .       185
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4978            .          .          .      1I185...........
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4981            .          .      CP185...........
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4984            .          .      R185
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4992            .          .          .          .<-------   DI198
4990            .          .          .      D184
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4993            .          .          .      R184
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5011            .          .          .      1I198...........
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5019    .       .       .          .<-------   DI197
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5020    .       .       .      R184
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5026    .       .       .         .        197
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5038    .       .       .     CP197............
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5041    .       .       .      R197
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5047    .       .       .         .        203
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5057    .       .     CP198............
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5060    .       .     R198
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5066    .       .       .      204
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5073    .       .     1I204............
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5076    .       .       .      122
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5087    .       .       .      R122
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5093    .       .       .         .        121
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5102    .       .       .         .       R121
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5108    .       .       .         .          .        131
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5118    .       .       .         .      CP131............
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5123    .       .       .         .          .-------->   DI145
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        .       .       .         .          V
5126    .       .       .         .       R131
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5142    .         .         .         .      CP132............
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5145    .         .         .         .      R132
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5151    .         .         .         .         .         133
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5161    .         .         .         .      1I133............
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        .         .         .         .         .
5164    .         .         .     CP133............
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        .         .         .        V
5167    .         .         .     R133
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5173    .         .         .        .       146
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5184    .         .         .     1I146............
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5189    .         .         .        .         .<-------   DI145
5187    .         .         .        .      D131
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        .         .         .        .         V
5190    .         .         .        .      R131
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5196    .         .         .        .         .         145
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5206    .         .         .        .      CP145............
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5211    .         .         .        .         .------->   DI164
5209    .         .         .        .      D145
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5216    .         .         .        .         .------->   DI165
5214    .         .         .        .      D145
        .         .         .        .         V
        .         .         .        .         V
5219    .         .         .        .      R145
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5225    .         .         .     CP146............
        .         .         .        V
        .         .         .        V
5228    .         .         .     R146
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5236    .         .         .        .         .<-------   DI164
5234    .         .         .        .      D145
        .         .         .        .         V
        .         .         .        .         V
5237    .         .         .        .      R145
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5243            .          .          .          .          .         164
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                .          .          .       CP164............
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5258            .          .          .          .          .-------->   DI177
5256            .          .          .       D164
                .          .          .          V
                .          .          .          V
5261            .          .          .       R164
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5269            .          .          .          .          .<-------   DI165
5267            .          .          .          .       D145
                .          .          .          .          V
                .          .          .          .          V
5270            .          .          .          .       R145
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5276            .          .          .          .          .         165
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5287            .          .          .          .      1I165............
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5290            .          .          .       2I165............
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5293            .          .       CP165............
                .          .          V
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5296            .          .       R165
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5302            .          .          .       179
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5312            .          .       1I179............
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5317            .          .          .          .<-------   DI177
5315            .          .          .       D164
                .          .          .          V
                .          .          .          V
5318            .          .          .       R164
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5324            .          .          .          .         177
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5334            .          .          .       CP177............
                .          .          .          V
                .          .          .          V
5337            .          .          .       R177
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5343            .          .          .          .         178
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5353    .         .         .         .      CP178............
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5356    .         .         .         .      R178
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        .         .         .         .         .
5362    .         .         .     CP179............
        .         .         .        V
        .         .         .        V
5365    .         .         .     R179
        .         .         .        .
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5371    .         .         .         .       192
        .         .         .         .         .
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5383    .         .         .         .         .-------->   DI209
5381    .         .         .         .      D192
        .         .         .         .         .
        .         .         .         .         .
5388    .         .         .         .         .-------->   DI210
5386    .         .         .         .      D192
        .         .         .         .         V
        .         .         .         .         V
5391    .         .         .         .      R192
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5397    .         .         .         .         .         193
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5408    .         .         .         .     1I193............
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5411    .         .         .     CP193............
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5414    .         .         .         .      194A
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5426    .         .         .         .         .        194B
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5438    .         .         .    CP194B........................
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        .         .         .        V
5441    .         .         .    SR194B
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        .         .         .        V
5453    .         .         .     R194B
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5459    .         .         .         .      194C
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5472    .         .         .    CP194C............
        .         .         .        V
        .         .         .        V
        .         .         .     R194C
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5483    .         .         .         .         .<--------   1D195
5481    .         .         .         .      D180
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1298      .     CP113A............
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          .         V
1301      .      R113A
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1309      .          .          .<-------  1D121A
1307      .          .       D112
          .          .          V
          .          .          V
1310      .          .       R112
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1316      .          .          .       121A
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1325      .          .     1I121A............
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1328      .     CP121A............
          .         V
          .         V
1331      .      R121A
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1337      .          .       131A
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          .     1I131A............
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1352      .          .          .<-------   DI119
1350      .          .       D111
          .          .          V
          .          .          V
1353      .          .       R111
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1359      .          .          .         119
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1369      .          .      CP119............
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1374      .          .          .-------->   DI128
1372      .          .       D119
          .          .          V
          .          .          V
1377      .          .       R119
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1383      .          .          .       119A
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1394      .          .     CP119A............
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1399      .          .          .-------->   DI130
1397      .          .      D119A
          .          .          V
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1404             .          .       R119A
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1421             .          .       1I120............
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1426             .          .          .          .<-------   DI120
1424             .          .          .       D112
                 .          .          .          V
                 .          .          .          V
1427             .          .          .       R112
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1433             .          .       CP120............
                 .          .          V
                 .          .          V
1436             .          .        R120
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1444             .          .          .          .<-------   DI128
1442             .          .          .       D119
                 .          .          .          V
                 .          .          .          V
1445             .          .          .       R119
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                 .          .          .          .         128
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1460             .          .          .      CP128............
                 .          .          .          V
                 .          .          .          V
1463             .          .          .       R128
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1471             .          .          .          .           .<-------   DI130
1469             .          .          .          .       D119A
                 .          .          .          .           V
                 .          .          .          .           V
1472             .          .          .          .       R119A
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1478             .          .          .          .           .         130
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1489             .          .          .      1I130........................
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1492             .          .          .          .         129
                 .          .          .          .           V
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1501             .          .          .          .       R129
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1507             .          .       CP130........................
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1512             .          .          .-------->   DI144
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1510        .         .       D130
            .         .          V
            .         .          V
1515        .         .       R130
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1521        .     CP131A............
            .         V
            .         V
1524        .      R131A
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1530        .         .       145A
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1540        .     1I145A............
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1543        .         .        141
            .         .          V
            .         .          V
1550        .         .       R141
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1556        .         .          .       141A
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1563        .         .     CP141A............
            .         .          V
            .         .          V
            .         .      R141A
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1572        .         .          .        142
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1582        .         .     CP142............
            .         .          V
            .         .          V
1585        .         .       R142
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1591        .         .          .        143
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1601        .         .     CP143............
            .         .          V
            .         .          V
1604        .         .       R143
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1612        .         .          .          .<-------   DI144
1610        .         .          .       D130
            .         .          .          V
            .         .          .          V
            .         .          .       R130
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1619        .         .          .          .         144
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1629        .         .          .     1I144............
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1632            .           .       CP144............
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1635            .           .       D144
                .           .          V
                .           .          V
1640            .           .       R144
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1646            .     CP145A............
                .          V
                .          V
1649            .     R145A
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1657            .           .           .<--------  D164A
1655            .           .       D144
                .           .          V
                .           .          V
1658            .           .       R144
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1664            .           .           .       164A
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1674            .           .     1I164A............
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1677            .     2I164A............
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1680            .           .        159
                .           .          V
                .           .          V
1687            .           .       R159
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1693            .           .           .       160
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1701            .           .     CP160............
                .           .          V
                .           .          V
1704            .           .       R160
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1710            .           .           .       161
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1720            .           .     CP161............
                .           .          V
                .           .          V
1723            .           .       R161
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1729            .           .           .       162
                .           .           .         V
                .           .           .         V
1737            .           .           .      R162
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1743            .          .          .          .        163
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1753            .          .          .      1I163............
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1756            .          .      CP163............
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1761            .          .          .-------> DI176A
1759            .          .       D163
                .          .          V
                .          .          V
1764            .          .       R163
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1770            .     CP164A............
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1773            .      R164A
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1779            .          .       177A
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1789            .     1I177A............
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                .          .          .<------- DI176A
1792            .          .       D163
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                .          .          V
1795            .          .       R163
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1801            .          .          .       176A
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1812            .          .     CP176A............
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1817            .          .          .-------> DI191
1815            .          .      D176A
                .          .          V
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1820            .          .      R176A
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1826            .     CP177A............
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1829            .      R177A
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1835            .          .       192A
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1845            .     1I192A............
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1848    .       .       174
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1855    .       .      R174
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1861    .       .        .       175
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1870    .       .        .         .-------> DI175A
1868    .       .        .      D175
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1873    .       .        .      R175
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1879    .       .        .         .        176
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1887    .       .        .     1I176............
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1890    .       .     CP176............
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1893    .       .      R176
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1901    .       .        .         .<------- DI175A
1899    .       .        .      D175
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1902    .       .        .      R175
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1908    .       .        .         .       175A
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1916    .       .        .    CP175A............
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1919    .       .        .     R175A
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1933    .       .        .     CP189............
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1936    .       .        .      R189
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1942    .       .        .         .        190
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1955    .       .        .      R190
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1963    .         .         .         .         .<-------   DI191
1961    .         .         .         .      D176A
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1970    .         .      1I191.......................
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1973    .         .         .       191
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1984    .         .      CP191............
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1989    .         .         .------->   1D208
1987    .         .      D191
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1992    .         .      R191
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1998    .     CP192A............
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2003    .         .------->  2D209A
2001    .     D192A
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2013    .         .      R188
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2019    .         .         .      207A
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2026    .         .     CP207A............
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2029    .         .     R207A
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2035    .         .         .       214
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2042    .         .     CP214............
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2045    .         .      R214
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2051    .         .         .      215A
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        .         .         .         V
2059    .         .         .     R215A
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2065    .         .         .         .       215
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5484             .         .         .         .       R180
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5502             .         .         .         .      1I195............
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5507             .         .         .         .         .         .<-------   2D195
5505             .         .         .         .         .      D181
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                 .         .         .         .         .         V
5508             .         .         .         .         .      R181
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5514             .         .         .      CP195......................
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5517             .         .         .      R195
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5525             .         .         .         .         .<-------   DI196
5523             .         .         .         .       D182
                 .         .         .         .         V
                 .         .         .         .         V
5526             .         .         .         .       R182
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5542             .         .         .         .      1I196............
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5545             .         .         .      CP196............
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5548             .         .         .      R196
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5554             .         .         .         .       202
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5566             .         .         .      CP202............
                 .         .         .         V
                 .         .         .         V
5569             .         .         .      R202
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5575             .         .      CP204............
                 .         .         V
                 .         .         V
5578             .         .      R204
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5584             .         .         .       205
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5590             .         .      CP205............
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5593      .          .       R205
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5606      .          .      CP206............
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5611      .          .          .           .<-------  DIC200
5609      .          .          .      DCP200
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5612      .          .     RCP206............
          .          .          V
          .          .          V
5615      .          .      RR206
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5621      .          .          .        228A
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5628      .          .     RC228A............
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5631      .          .     RR228A
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5639      .          .          .-------->  DR228A
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5642      .       NONE............
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5648      .          .          .<--------   DI209
5646      .          .      1D192
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          .          .          V
5649      .          .       R192
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5655      .          .          .         209
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5665      .          .      CP209............
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5670      .          .          .-------->   1D221
5668      .          .       D209
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5675      .          .          .-------->   2D210
5673      .          .       D209
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          .          .          V
5678      .          .       R209
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5684      .          .          .         220
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5694            .          .       CP220............
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                .          .          .-------->   DI239
5697            .          .       D220
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5704            .          .          .-------->   2D221
5702            .          .       D220
                .          .          V
                .          .          V
5707            .          .       R220
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                .          .
5713            .          .          .         238
                .          .          .           .
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5723            .          .       CP238............
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5728            .          .          .-------->  2D250A
5726            .          .       D238
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5733            .          .          .-------->   1D251
5731            .          .       D238
                .          .          V
                .          .          V
5736            .          .       R238
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5744            .          .          .           .<-------   DI210
5742            .          .          .       2D192
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                .          .          .           V
5745            .          .          .        R192
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5751            .          .          .           .         210
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5761            .          .          .       1I210............
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5766            .          .          .           .           .<-------   2D210
5764            .          .          .           .        D209
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5767            .          .          .           .        R209
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5773            .          .          .       CP210............
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                .          .          .           V
5776            .          .          .        R210
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5784            .          .          .           .           .<-------   1D221
5782            .          .          .           .        D209
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5785          .          .          .          .       R209
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5801          .          .          .          .      1I221............
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5804          .          .          .      2I221............
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5809          .          .          .          .          .<-------   2D221
5807          .          .          .          .       D220
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5810          .          .          .          .       R220
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5816          .          .          .      CP221............
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5819          .          .          .       R221
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5827          .          .          .          .          .<-------   DI239
5825          .          .          .          .       D220
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              .          .          .          .          V
5828          .          .          .          .       R220
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5834          .          .          .          .          .        239
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5844          .          .          .          .      1I239............
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5847          .          .          .      2I239............
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5850          .          .      CP239............
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5855          .          .          .-------->   2D251
5853          .          .      D239
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5858          .          .      R239
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5864          .          .          .        240
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5874          .          .      CP240............
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5877          .          .      R240
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5883          .          .          .        213
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5891             .         .         .      R213
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5918             .         .         .      R212
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5934             .         .         .         .       R211
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5963             .         .         .   R221A
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5984             .         .         .      R222
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6003             .         .         .         .       R226
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6016             .         .         .         .          .       R201
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6022             .         .         .         .          .          .        223
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6038            .         .         .         .         .-------->   DI225
6036            .         .         .         .      D223
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6041            .         .         .         .      R223
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6057            .         .         .         .      R224
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6086            .         .      R241
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6112            .         .         .       R253A
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6134            .         .         .         .         .<-------  2D250A
6132            .         .         .         .      D238
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6135            .          .          .          .       R238
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6141            .          .          .     CP250A...........
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6146            .          .          .          .-------->  1D266
6144            .          .          .      D250A
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6149            .          .          .      R250A
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6157            .          .          .          .          .<-------   1D251
6155            .          .          .          .       D238
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6158            .          .          .          .       R238
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6164            .          .          .          .          .         251
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6174            .          .          .          .      1I251...........
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6179            .          .          .          .          .           .<-------   2D251
6177            .          .          .          .          .        D239
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6180            .          .          .          .          .        R239
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6186            .          .          .          .      2I251...........
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6189            .          .          .     CP251...........
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6194            .          .          .          .-------->  2D266
6192            .          .          .      D251
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6197            .          .          .      R251
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6203            .          .          .          .         252
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6213            .          .          .     CP252...........
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6218            .          .          .          .-------->  DI267
6216            .          .          .      D252
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6221            .          .          .      R252
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6227            .          .     CP253...........
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6230      .         .      SR253
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6236      .         .      R253
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6242      .         .         .        268
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6253      .         .      1I268............
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6258      .         .         .          .<-------   1D266
6256      .         .         .      D250A
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6259      .         .         .      R250A
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6265      .         .         .          .        266
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6276      .         .         .      1I266............
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6281      .         .         .          .          .<-------   2D266
6279      .         .         .          .       D251
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6282      .         .         .          .       R251
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6288      .         .         .      CP266............
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6293      .         .         .          .-------->  DI283
6291      .         .         .       D266
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6296      .         .         .       R266
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6304      .         .         .          .          .<-------   DI267
6302      .         .         .          .       D252
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6305      .         .         .          .       R252
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6311      .         .         .          .          .        267
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6321      .         .         .          .      1I267............
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6324      .         .         .      CP267............
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6329      .         .         .          .-------->  DI284
6327      .         .         .       D267
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6332            .           .           .        R267
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6338            .           .       CP268............
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6341            .           .       SR268
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6347            .           .        R268
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6363            .           .       1I286............
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6366            .           .           .         288
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6377            .           .           .        R288
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6383            .           .       CP286............
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6386            .           .        R286
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6401            .           .       1I287............
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6406            .           .           .           .<-------   DI283
6404            .           .           .        D266
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6407            .           .           .        R266
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6413            .           .           .           .         283
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6423            .           .           .      CP283............
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6426            .           .           .        R283
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6442            .           .           .     SR285B
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6453            .         .         .      R2858
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6461            .         .         .         .           .<--------  DI284
6459            .         .         .         .        D267
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6462            .         .         .         .        R267
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6468            .         .         .         .           .         284
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6478            .         .         .         .      CP284............
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6481            .         .         .         .      SR284
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6487            .         .         .         .        R284
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6503            .         .         .     CP285A............
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6506            .         .         .     SR285A
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6514            .         .         .         .-------->  1D297A
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6517            .         .         .      R285A
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6539            .         .         .       D285
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6544            .         .         .       R285
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6559    .       .        R287
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6578    .       .       SR298
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6584    .       .        R298
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6601    .       .       CP316............
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6620    .       .       1I334............
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6625    .       .           .           .<-------  2D297A
6623    .       .           .        D285
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6626    .       .           .        R285
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6634    .       .           .           .           .<-------  1D297A
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6650    .       .           .           .      1I297A............
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3       .         .    R336B
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6734    .         .         .      R299
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6775    .         .         .         .         .       318
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6787    .         .         .         .      R318
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6793            .         .         .         .         .       301
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6830            .         .         .         .     CP337........................
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6833            .         .         .         .     SR337
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6841            .         .         .         .         .-------->   DI367
6839            .         .         .         .      D337
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6844            .         .         .         .      R337
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6850            .         .         .         .         .       336
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6867            .         .         .     CP336............
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6870            .         .         .     SR336
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6890            .         .         .    CP336A............
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6893            .         .         .     R336A
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6918          .           .          .         365
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              .           .          .           V
6927          .           .          .        R365
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6933          .           .          .           .         364
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6943          .           .          .      1I364............
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6946          .           .       CP364............
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6951          .           .          .-------->  DIGILA
6949          .           .       D364
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6954          .        NONE............
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6958          .           .        314
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6968          .           .       R314
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6974          .           .          .         333
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6984          .           .       CP333............
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6987          .           .       R333
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6993          .           .          .        348A
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7001          .           .      CP348A............
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7004          .           .      R348A
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7010          .           .          .        348B
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7021          .           .      CP348B............
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              .           .      SR348B
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7030          .           .      R348B
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7036          .           .          .         363
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7047            .          .      1I363...........
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7059            .          .          .      SR348
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7067            .          .          .          .-------->   DI347
7065            .          .          .       D348
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7070            .          .          .       R348
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7076            .          .      CP363...........
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7079            .          .       R363
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7085            .          .          .        362
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7094            .          .      1I362...........
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                .          .          .          .<--------   DI297
7097            .          .          .      D285B
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7100            .          .          .      R285B
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7106            .          .          .          .        297
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7116            .          .          .      CP297...........
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7119            .          .          .      SR297
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7125            .          .          .       R297
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7131            .          .          .          .        313
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7142            .          .          .      CP313...........
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7145            .          .          .       R313
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7151            .          .          .          .        332
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7162            .          .          .      CP332...........
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7165    .         .         .      R332
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7171    .         .         .         .        347
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7181    .         .         .     1I347............
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7186    .         .         .         .          .<-------   DI347
7184    .         .         .         .       D348
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7187    .         .         .         .       R348
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7193    .         .         .     CP347............
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7196    .         .         .     SR347
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7202    .         .         .      R347
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7208    .         .      CP362............
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7217    .         .      R362
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7223    .         .         .      378B
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7235    .         .     1I378B............
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7240    .         .         .         .<-------  1D378G
7238    .         .         .     ESTGIL
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7241    .         .     CP378B............
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7246    .         .         .-------->  2D378G
7244    .         .      D378B
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7249    .      NONE............
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7255    .         .         .<-------   DI225
7253    .         .      D223
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7256    .         .      R223
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7273            .          .          .        225A
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7291            .          .       R225
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7297            .          .          .         242
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7305            .          .      TI242............
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7308            .          .          .        242A
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7314            .          .          .       R242A
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7320            .          .      CP242............
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7323            .          .       R242
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7329            .          .          .        243B
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7341            .          .      R243B
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7347            .          .          .        243A
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7358            .          .      R243A
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7371            .          .          .        R227
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7377            .          .          .           .
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7384             .          .          .          .       R228
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7390             .          .          .          .          .         229
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7397             .          .          .     CP229.......................
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7402             .          .          .          .-------->   1D230
7400             .          .          .      D229
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7407             .          .          .          .-------->   DI231
7405             .          .          .      D229
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7410             .          .          .      R229
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7416             .          .          .          .       230A
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7423             .          .          .   CP230A............
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7428             .          .          .          .-------->   2D230
7426             .          .          .     D230A
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7431             .          .          .     R230A
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7437             .          .          .          .       244A
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7444             .          .          .   CP244A............
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                 .          .          .         V
7447             .          .          .     R244A
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7453             .          .          .          .        244
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7461             .          .          .     1I244............
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7466             .          .          .          .          .<--------   1D230
7464             .          .          .          .       D229
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7467             .          .          .          .       R229
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7473             .          .          .          .          .         230
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7480             .          .          .          .      1I230............
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7485            .         .         .         .         .         .<-------   2D230
7483            .         .         .         .         .     D230A
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7486            .         .         .         .         .     R230A
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7492            .         .         .         .     CP230............
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7495            .         .         .         .      R230
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7501            .         .         .     CP244............
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7506            .         .         .         .------->   DI245
7504            .         .         .      D244
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7509            .         .         .      R244
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7515            .         .         .         .       243
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7523            .         .         .     1I243............
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7529            .         .      R243
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7537            .         .         .         .<-------   DI231
7535            .         .         .      D229
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7538            .         .         .      R229
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7544            .         .         .         .       231
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7552            .         .         .     CP231............
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7555            .         .         .      R231
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7561            .         .         .         .       245
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 74             .         .         .         .         .         .<-------   DI245
 72             .         .         .         .         .     D244
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7575            .         .         .         .         .     R244
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7581    .       .       .       1I245.......................
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7584    .       .   CP245............
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7589    .       .       .           .<-------  DR228A
7587    .       .       .      DR228A
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7590    .       .   RCP245............
        .       .       V
        .       .       V
7593    .       .   RR245
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7599    .       .       .         258
        .       .       .           V
        .       .       .           V
7607    .       .       .       SR258
        .       .       .           .
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7613    .       .   RCP258............
        .       .       V
        .       .       V
7616    .       .   RR258
        .       .       .
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7622    .       .       .        258A
        .       .       .           .
        .       .       .           .
7631    .       .       .           .------->   DI272
7629    .       .       .       D258A
        .       .       .           .
        .       .       .           .
7636    .       .       .           .------->   DI259
7634    .       .       .       D258A
        .       .       .           V
        .       .       .           V
7639    .       .       .       R258A
        .       .       .           .
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7645    .       .       .           .         257
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7658    .       .       .           .           .------->   DI256
7656    .       .       .           .        D257
        .       .       .           .           V
        .       .       .           .           V
7661    .       .       .           .        R257
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7667    .       .       .           .           .        271B
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7676    .       .       .           .      CP271B............
        .       .       .           .           V
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7679    .       .       .           .       R271B
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7685    .       .       .           .           .        271C
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7692            .         .         .         .     1I271C............
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7695            .         .         .     CP271C............
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7698            .         .         .     SR271C
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7704            .         .         .      R271C
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7712            .         .         .         .         .<-------   DI259
7710            .         .         .         .     D258A
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                .         .         .         .         V
7713            .         .         .         .     R258A
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7719            .         .         .         .         .         259
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7726            .         .         .         .     CP259............
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7729            .         .         .         .     SR259
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                .         .         .         .         V
                .         .         .         .      R259
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                .         .         .         .         .
7743            .         .         .         .         .           .<-------   DI272
7741            .         .         .         .         .       D258A
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                .         .         .         .         .           V
7744            .         .         .         .         .       R258A
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7750            .         .         .         .     1I272............
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7753            .         .         .         .         .         272
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7760            .         .         .         .     2I272............
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7763            .         .         .      CP272............
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7775            .         .      RR272
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7781            .         .         .        290
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7790            .          .          .       SR290
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7798            .          .          .          .-------->   DI291
7796            .          .          .       D290
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7801            .          .     RCP290............
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7804            .          .      RR290
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7812            .          .          .          .<--------   DI291
7810            .          .          .       D290
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7813            .          .          .       R290
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7819            .          .          .          .         291
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7830            .          .          .      CP291............
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7833            .          .          .      SR291
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7839            .          .          .       R291
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7845            .          .          .          .        287E
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7853            .          .          .     CP287E............
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7856            .          .          .     SR287E
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7864            .          .          .          .-------->   DI302
7862            .          .          .      D287E
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7867            .          .     RC287E............
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7870            .          .     RR287E
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7876            .          .          .        254
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34              .          .          .       R254
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7890            .          .          .          .         269
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7929    .         .         .     R288A
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7935    .         .         .         .        287A
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7970    .         .         .         .       R288B
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7976    .         .         .         .          .        287B
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7984    .         .         .         .      1I287B............
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7987    .         .         .     CP287B............
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7990    .         .         .     SR287B
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7996    .         .         .     R287B
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8004    .         .         .         .          .<-------   DI256
8002    .         .         .         .        D257
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8005    .         .         .         .        R257
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8011    .         .         .         .          .        256
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8021    .         .         .         .       CP256............
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8029            .         .         .         .       R256
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8042            .         .         .         .      CP255............
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8062            .         .         .         .      1I271............
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8067            .         .         .         .         .           .<-------  DI271A
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8103            .         .         .         .      SR271
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8111            .         .         .         .         .-------> DI289
8109            .         .         .         .       D271
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8114            .         .         .         .       R271
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8127            .         .         .         .         .       R254A
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8146  .         .         .         .      SR270
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8152  .         .         .         .       R270
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8160  .         .         .         .         .         .<-------   DI289
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8161  .         .         .         .         .      R271
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8167  .         .         .         .      1I289............
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8170  .         .         .         .         .       289
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8183  .         .         .         .      CP289............
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8186  .         .         .         .       R289
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8201  .         .         .         .      1I287C............
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8207  .         .         .      SR287C
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8213  .         .         .      R287C
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8248  .         .         .      CP287D............
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8266            .           .           .       R287E
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8282            .           .           .       SR302
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8406            .          .          .          .<-------   DI367
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8919            .         .         .         .         .          .<--------   2D306
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8926 1I306.....

8929 306

8939 CP306.....
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8942 SR306
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8948 R306

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8963 CP308.....
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8966 R308

8972 327

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8985 R327

8991 343

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9004 CP343.....
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9024 SR356
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9046                1I355............
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9057                .       R307
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9073                .      CP326............
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9076                .       R326
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9101                .          .          354
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9118                .       R354
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9124                2I355............
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9135                .       R310
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9150                .      CP329............
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9153                .       R329
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9159                .          .          345
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9169                .      CP345............
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9172             .         .         .         .       R345
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9216             .         .         .         .      2I359............
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9316    .         .         .         .          .        358
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92      .         .         .      R373
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9544            .         .         .         .          .      CP341...........
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9547                                                R341
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9553                                                  .          353
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9562                                            1I353............
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9565                                      CP353............
                                                V
                                                V
9568                                      SR353
                                                V
                                                V
9574                                       R353
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9580                                            .          352
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9589                                      CP352............
                                                V
                                                V
9592                                      SR352
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                                                V
9598                                       R352
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9604                                            .          372
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9617                                1I372........................
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9620                                        385
                                                V
                                                V
9630                                       R385
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9636                                            .          384
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9645                                      CP384............
                                                V
                                                V
9648                                       R384
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9654                                2I372............
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9657                                       41A1
                                                V
                                                V
9663                                     SR41A1
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9671                                            .--------->  1D303
9669                                     CP41A1
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                    .         .         .         .         V
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9674                .         .         .         .       R41A1
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                    .         .         .         .         .         41A2
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9686                .         .         .         .     CP41A2............
                    .         .         .         .         V
                    .         .         .         .         V
9689                .         .         .         .     SR41A2
                    .         .         .         .         .
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9697                .         .         .         .         .-------->   2D303
9695                .         .         .         .     CP41A2
                    .         .         .         .         V
                    .         .         .         .         V
9700                .         .         .         .       R41A2
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9706                .         .         .         .         .         41A3
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9712                .         .         .         .     CP41A3............
                    .         .         .         .         V
                    .         .         .         .         V
9715                .         .         .         .     SR41A3
                    .         .         .         .         .
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3                   .         .         .         .         .-------->   3D303
                    .         .         .         .     CP41A3
                    .         .         .         .         V
                    .         .         .         .         V
9726                .         .         .         .       R41A3
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9732                .         .         .         .         .          41A
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9738                .         .         .         .       CP41A............
                    .         .         .         .         V
                    .         .         .         .         V
9741                .         .         .         .       SR41A
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9749                .         .         .         .         .-------->   4D303
9747                .         .         .         .       CP41A
                    .         .         .         .         V
                    .         .         .         .         V
9752                .         .         .         .        R41A
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9758                .         .         .         .         .         41-1
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5                   .         .         .         .     CP41-1............
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                    .         .         .         .         V
9768                .         .         .         .     SR41-1
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9898            .         .         .         .         .-------> 2D303A
9896            .         .         .         .    CP43-2
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                .         .         .         .         V
9901            .         .         .         .    R43-2
                .         .         .         .         .
                .         .         .         .         .
9907            .         .         .         .         .        43-3
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9913            .         .         .         .    CP43-3............
                .         .         .         .         V
                .         .         .         .         V
9916            .         .         .         .    SR43-3
                .         .         .         .         V
                .         .         .         .         V
9922            .         .         .         .    R43-3
                .         .         .         .         .
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9930            .         .         .         .         .           .<-------  1D303A
9928            .         .         .         .         .      CP43-1
                .         .         .         .         .           V
                .         .         .         .         .           V
9931            .         .         .         .         .      R43-1
                .         .         .         .         .           .
                .         .         .         .         .           .
9939            .         .         .         .         .           .           .<-------  2D303A
9937            .         .         .         .         .           .      CP43-2
                .         .         .         .         .           .           V
                .         .         .         .         .           .           V
9940            .         .         .         .         .           .      R43-2
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9946            .         .         .         .         .           .           .        303A
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9953            .         .         .         .    CP303A.................................
                .         .         .         .         V
                .         .         .         .         V
9956            .         .         .         .    R303A
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9962            .         .         .         .         .        304
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9969            .         .         .         .    CP304............
                .         .         .         .         V
                .         .         .         .         V
9972            .         .         .         .    R304
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9978            .         .         .         .         .        323
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  35            .         .         .         .    CP323............
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                .         .         .         .         V
9988            .         .         .         .    SR323
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9996                                                  .-------->   DI321
9994                                          D323
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10005                                            .          324
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10014                                         CP324............
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                                                 V
10017                                         R324
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10023                                            .          340
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10033                                         CP340............
                                                 V
                                                 V
10036                                         R340
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10042                                            .          351
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10051                                         CP351............
                                                 V
                                                 V
1[illegible]4                                 SR351
                                                 V
                                                 V
10060                                         R351
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10066                                            .        352A
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10076                                        CP352A............
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                                                 V
10079                                       SR352A
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10087                                            .-------->   DI350
10085                                        D352A
                                                 V
                                                 V
10090                                        R352A
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10096                                   CP372............
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[illegible]1                                     .-------->   DI371
10099                                     D372
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10106                                            .-------->   DI379
10104                                     2D372
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                 .         .         .         V
                 .         .         .         V
10109            .         .         .      R372
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1                .         .         .         .        382
                 .         .         .         .          .
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10125            .         .         .    CP382............
                 .         .         .         V
                 .         .         .         V
10128            .         .         .      R382
                 .         .         .         .
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10136            .         .         .         .          .<-------   DI379
10134            .         .         .         .       D372
                 .         .         .         .          V
                 .         .         .         .          V
10137            .         .         .         .       R372
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10143            .         .         .    1I379............
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10146            .         .         .         .       381A
                 .         .         .         .          V
                 .         .         .         .          V
10154            .         .         .         .     SR381A
                 .         .         .         .          V
                 .         .         .         .          V
                 .         .         .         .      R381A
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10166            .         .         .    2I379............
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10169            .         .         .         .        379
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10181            .         .         .    3I379............
                 .         .         .         .
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10186            .         .         .         .          .<-------   1D303
10184            .         .         .         .     D41A1
                 .         .         .         .          V
                 .         .         .         .          V
10187            .         .         .         .     R41A1
                 .         .         .         .          .
                 .         .         .         .          .
10195            .         .         .         .          .          .<-------   2D303
10193            .         .         .         .          .     D41A2
                 .         .         .         .          .          V
                 .         .         .         .          .          V
10196            .         .         .         .          .     R41A2
                 .         .         .         .          .          .
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2                .         .         .         .     1I303............
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                 .         .         .         .          .
10207            .         .         .         .          .          .<-------   3D303
10205            .         .         .         .          .     D41A3
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10208                                             .        R41A3
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14                                            2I303............
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10219                                             .           .<-------   4D303
10217                                             .        D41A
                                                  .           V
                                                  .           V
10220                                             .        R41A
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10226                                         3I303............
                                                  .
                                                  .
10231                                             .           .<-------   5D303
10229                                             .        D41-1
                                                  .           V
                                                  .           V
10232                                             .        R41-1
                                                  .           .
                                                  .           .
10238                                         4I303............
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                                                  .
10243                                             .           .<-------   6D303
10241                                             .        D41-2
                                                  .           V
                                                  .           V
4                                                 .        R41-2
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10250                                         5I303............
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10255                                             .           .<-------   7D303
10253                                             .         D41
                                                  .           V
                                                  .           V
10256                                             .         R41
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10262                                         6I303............
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10265                                             .         303
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10274                                         CP303............
                                                  V
                                                  V
10277                                          R303
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33                                                .         321
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10290                                         1I321............
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10295                                                  .<-------   DI321
10293                                            D323
                                                   V
                                                   V
96                                               R323
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10302                                      CP321............
                                                 V
                                                 V
10305                                      SR321
                                                 V
                                                 V
10311                                       R321
                                                 .
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10317                                                  322
                                                   .
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10327                                      CP322............
                                                 V
                                                 V
10330                                       R322
                                                 .
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10336                                                  339
                                                   .
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10347                                      CP339............
                                                 V
                                                 V
.0                                          R339
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10356                                                  349
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10366                                      CP349............
                                                 V
                                                 V
10369                                      SR349
                                                 V
                                                 V
10375                                       R349
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10381                                                  350
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10392                                      1135D............
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10397                                                  .<-------   DI350
10395                                        D352A
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                                                   V
8                                            R352A
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10404                                      CP350............
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10407          .          .          .          .       SR350
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               .          .          .          .          V
10413          .          .          .          .       R350
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10419          .          .          .          .          .        371
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10431          .          .          .          .      1I371............
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10436          .          .          .          .          .          .<-------   DI371
10434          .          .          .          .          .       D372
               .          .          .          .          .          V
               .          .          .          .          .          V
10437          .          .          .          .          .       R372
               .          .          .          .          .          .
               .          .          .          .          .          .
10443          .          .          .          .      CP371............
               .          .          .          .          V
               .          .          .          .          V
10446          .          .          .          .       R371
               .          .          .          .          .
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10452          .          .          .      CP379............
               .          .          .          V
               .          .          .          V
10455          .          .          .      SR379
               .          .          .          .
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    .1         .          .     CPWTAF............
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(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

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1****************************************                    ****************************************
*                                      *                    *                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                    *   U.S. ARMY CORPS OF ENGINEERS       *
*            SEPTEMBER 1990            *                    *   HYDROLOGIC ENGINEERING CENTER      *
*             VERSION 4.0              *                    *         609 SECOND STREET            *
*                                      *                    *       DAVIS, CALIFORNIA 95616        *
*  RUN DATE  12/27/1994  TIME  18:17:35 *                    *          (916) 756-1104              *
*                                      *                    *                                      *
****************************************                    ****************************************
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WHITE TANKS/ AGUA FRIA AREA DRAINAGE MASTER PLAN
FINAL HYDROLOGY RUN FOR WHITE TANKS ADMP ----- ENTIRE WATERSHED
100-YEAR, 24-HOUR STORM FILE: WTADMP5.24
THIS MODEL INCORPORATES FUTURE CHANNELS OR CHANNEL IMPROVEMENTS ALONG:
-BEARDSLEY CANAL WASH,WHITE TANKS NO. 3 TO PEORIA AV.
-TUTHILL DIKE WASH,WHITE TANKS NO. 4 TO APPROX. 1/2 MILE NORTH OF
 CAMELBACK ROAD
-JACKRABBIT TRAIL WASH,WHITE TANKS NO. 4 TO WHITE TANKS NO. 3
-DYSART DRAIN,AGUA FRIA RIVER TO REEMS ROAD
-REEMS ROAD CHANNEL,NORTHERN AV. TO BELL ROAD
-WADDEL ROAD CHANNEL,DYSART ROAD TO REEMS ROAD
- I-10 (INTERSTATE-10) CHANNEL,ESTRELLA FREEWAY TO 191ST AV.
-BULLARD WASH,GILA RIVER TO APPROX. 1/4 MILE SOUTH OF LOWER BUKEYE RD.

-ESTRELLA FREEWAY CHANNEL,GILA RIVER TO BELL ROAD.
-CAMELBACK ROAD CHANNEL,AGUA FRIA RIVER TO LITCHFIELD ROAD
IT ALSO ASSUMES THAT THE SUN CITY GRAND PROJECT,NORTH OF BELL ROAD
(SEE FIURE 9.2), WILL RETAIN ONSITE FLOWS AND BLEED OFF TO THE
EXISTING BELL ROAD CHANNEL

```
23 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

25 JD        INDEX STORM NO. 1
                 STRM        4.03  PRECIPITATION DEPTH
                 TRDA         .00  TRANSPOSITION DRAINAGE AREA

26 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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                 .03      .09      .09      .09      .01      .01      .01      .01      .01      .01
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36 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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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

37 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
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01

.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

38 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
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

39 JD INDEX STORM NO. 5

STRM 3.70 PRECIPITATION DEPTH

TRDA 200.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

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

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00		

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              *            *
 KK           *     SRWT3  *
              *            *
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343 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           3  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

              HYDROGRAPH ROUTING DATA

322 RL          ROUTING LOSSES
                      QLOSS         .00  INITIAL LOSS
                      CLOSS         .00  ADDITIONAL FRACTION LOST

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

345 SV            STORAGE          .0       1.0      14.0      42.0      91.0     203.0     466.0     958.0    1704.0    2716.0
                              3012.0    3325.0    3657.0    4006.0

347 SQ          DISCHARGE          0.        0.        0.        0.        0.        0.        0.        0.        0.        0.
                                   0.     3550.     9000.    17600.

349 SE          ELEVATION     1174.00   1176.00   1180.00   1184.00   1188.00   1192.00   1196.00   1200.00   1204.00   1208.00
                              1209.00   1210.00   1211.00   1212.00

351 SS          SPILLWAY
                      CREL     1209.00  SPILLWAY CREST ELEVATION
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	SPWID	.00	SPILLWAY WIDTH
	COQW	.00	WEIR COEFFICIENT
	EXPW	1.50	EXPONENT OF HEAD
2 ST	TOP OF DAM		
	TOPEL	1212.10	ELEVATION AT TOP OF DAM
	DAMWID	7667.00	DAM WIDTH
	COQD	2.20	WEIR COEFFICIENT
	EXPD	1.50	EXPONENT OF HEAD

SW	DAM WIDTH	1000.00	1995.00	3000.00	4000.00	4988.00	6008.00	7007.00
SE	ELEVATION	1212.10	1212.40	1212.63	1213.32	1214.72	1214.94	1214.80

***

COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

(INCLUDING FLOW OVER DAM)

STORAGE	.00	1.00	14.00	42.00	91.00	203.00	466.00	958.00	1704.00	2716.00
OUTFLOW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ELEVATION	1174.00	1176.00	1180.00	1184.00	1188.00	1192.00	1196.00	1200.00	1204.00	1208.00

STORAGE	3012.00	3325.00	3657.00	4006.00
OUTFLOW	.00	3550.00	9000.00	17600.00
ELEVATION	1209.00	1210.00	1211.00	1212.00

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HYDROGRAPH AT STATION SRWT3
TRANSPOSITION AREA .0 SQ MI

PEAK OUTFLOW IS 0. AT TIME .00 HOURS

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
884.	17.92	884.	430.	414.	414.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1199.40	17.92	1199.40	1187.03	1186.55	1186.55

CUMULATIVE AREA = 20.48 SQ MI

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

HYDROGRAPH AT STATION SRWT3
TRANSPOSITION AREA 10.0 SQ MI

PEAK OUTFLOW IS 0. AT TIME .00 HOURS

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	24.92-HR
+ 867.	17.92	867.	421.	406.	406.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
+ 1199.26	17.92	1199.26	1186.95	1186.47	1186.47

CUMULATIVE AREA = 20.48 SQ MI

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

HYDROGRAPH AT STATION SRWT3
TRANSPOSITION AREA 50.0 SQ MI

PEAK OUTFLOW IS 0. AT TIME .00 HOURS

.K FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	24.92-HR
+ 800.	17.75	800.	388.	374.	374.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
+ 1198.72	17.75	1198.72	1186.66	1186.20	1186.20

CUMULATIVE AREA = 20.48 SQ MI

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

HYDROGRAPH AT STATION SRWT3
TRANSPOSITION AREA 100.0 SQ MI

PEAK OUTFLOW IS 0. AT TIME .00 HOURS

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR

```
+   (CFS)        (HR)
                                (CFS)
+        0.        .08                    0.          0.          0.          0.
                              (INCHES)   .000        .000        .000        .000
                               (AC-FT)     0.          0.          0.          0.

 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                          6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)      (HR)
      771.     17.67                      771.        374.        360.        360.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                          6-HR       24-HR       72-HR     24.92-HR
+   (FEET)      (HR)
   1198.48     17.67                   1198.48     1186.53     1186.07     1186.07

                              CUMULATIVE AREA =   20.48 SQ MI


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

                        HYDROGRAPH AT STATION    SRWT3
                       TRANSPOSITION AREA    200.0 SQ MI

 PEAK OUTFLOW IS        0. AT TIME    .00 HOURS


  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                          6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                                (CFS)
+        0.        .08                    0.          0.          0.          0.
                              (INCHES)   .000        .000        .000        .000
                               (AC-FT)     0.          0.          0.          0.

 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                          6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)      (HR)
      747.     17.58                      747.        362.        349.        349.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                          6-HR       24-HR       72-HR     24.92-HR
+   (FEET)      (HR)
   1198.28     17.58                   1198.28     1186.43     1185.97     1185.97

                              CUMULATIVE AREA =   20.48 SQ MI

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


                        INTERPOLATED HYDROGRAPH AT    SRWT3

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                          6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                                (CFS)
+        0.        .08                    0.          0.          0.          0.
                              (INCHES)   .000        .000        .000        .000
                               (AC-FT)     0.          0.          0.          0.

                              CUMULATIVE AREA =   20.48 SQ MI
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419 KK    *      SR21  *
          *            *
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421 KO          OUTPUT CONTROL VARIABLES
                     IPRNT           3  PRINT CONTROL
                     IPLOT           0  PLOT CONTROL
                     QSCAL          0.  HYDROGRAPH PLOT SCALE

             HYDROGRAPH ROUTING DATA

322 RL          ROUTING LOSSES
                     QLOSS         .00  INITIAL LOSS
                     CLOSS         .00  ADDITIONAL FRACTION LOST

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

 SV           STORAGE          .0       .7      20.7      57.6      95.9     102.3     117.7     130.0

424 SQ        DISCHARGE         0.       0.        0.        0.        0.      265.     1377.     2000.

425 SE        ELEVATION     1319.00   1320.00   1330.00   1340.00   1347.00   1348.00   1350.00   1351.00

                                                                  ***

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

                       HYDROGRAPH AT STATION     SR21
                      TRANSPOSITION AREA       .0 SQ MI

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR       24-HR       72-HR     24.92-HR
+   (CFS)      (HR)
                          (CFS)
+     218.    13.17                   43.         12.         12.          12.
                        (INCHES)     .116        .134        .134         .134
                         (AC-FT)      21.         25.         25.          25.

 PEAK STORAGE  TIME                          MAXIMUM AVERAGE STORAGE
                                      6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)     (HR)
     101.    13.17                   97.         52.         50.          50.

    AK STAGE   TIME                          MAXIMUM AVERAGE STAGE
                                      6-HR       24-HR       72-HR     24.92-HR
+   (FEET)     (HR)
   1347.82    13.17              1347.16     1334.79     1334.21      1334.21

                        CUMULATIVE AREA =    3.46 SQ MI
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HYDROGRAPH AT STATION SR21
TRANSPOSITION AREA 10.0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 189.	13.25		39.	11.	11.	11.
		(INCHES)	.105	.123	.123	.123
		(AC-FT)	19.	23.	23.	23.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
100.	13.25	97.	52.	50.	50.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1347.71	13.25	1347.15	1334.77	1334.19	1334.19

CUMULATIVE AREA = 3.46 SQ MI

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HYDROGRAPH AT STATION SR21
TRANSPOSITION AREA 50.0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 83.	13.50		24.	7.	7.	7.
		(INCHES)	.064	.079	.079	.079
		(AC-FT)	12.	15.	15.	15.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
98.	13.50	96.	51.	49.	49.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1347.31	13.50	1347.09	1334.68	1334.11	1334.11

CUMULATIVE AREA = 3.46 SQ MI

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HYDROGRAPH AT STATION SR21
TRANSPOSITION AREA 100.0 SQ MI

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				

		(CFS)				
+ 44.	13.83		17.	6.	5.	5.
		(INCHES)	.046	.061	.061	.061
		(AC-FT)	9.	11.	11.	11.

STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
97.	13.83	96.	51.	49.	49.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1347.17	13.83	1347.06	1334.64	1334.06	1334.06

CUMULATIVE AREA = 3.46 SQ MI

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HYDROGRAPH AT STATION SR21
TRANSPOSITION AREA 200.0 SQ MI

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 23.	14.67	12.	4.	4.	4.
		(INCHES) .033	.045	.045	.045
		(AC-FT) 6.	8.	8.	8.

STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
96.	14.67	96.	51.	49.	49.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1347.09	14.67	1347.05	1334.59	1334.02	1334.02

CUMULATIVE AREA = 3.46 SQ MI

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INTERPOLATED HYDROGRAPH AT SR21

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 191.	13.25	40.	12.	11.	11.
		(INCHES) .107	.124	.124	.124
		(AC-FT) 20.	23.	23.	23.

CUMULATIVE AREA = 3.46 SQ MI

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


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          *            *
    CK    *     RB42   *
          *            *
          **************

719 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

720 HC          HYDROGRAPH COMBINATION
                     ICOMP          2  NUMBER OF HYDROGRAPHS TO COMBINE

                                                    ***

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                                        HYDROGRAPH AT      RB42
                                   TRANSPOSITION AREA       .0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	2.	1		1230	151	3492.	1		1845	226	30.
1		0005	2	0.	1		0620	77	2.	1		1235	152	3450.	1		1850	227	30.
1		0010	3	0.	1		0625	78	2.	1		1240	153	3215.	1		1855	228	29.
.		0015	4	0.	1		0630	79	2.	1		1245	154	2983.	1		1900	229	29.
1		0020	5	0.	1		0635	80	2.	1		1250	155	2789.	1		1905	230	29.
1		0025	6	0.	1		0640	81	2.	1		1255	156	2613.	1		1910	231	28.
1		0030	7	0.	1		0645	82	2.	1		1300	157	2452.	1		1915	232	28.
1		0035	8	0.	1		0650	83	2.	1		1305	158	2327.	1		1920	233	28.
1		0040	9	0.	1		0655	84	2.	1		1310	159	2238.	1		1925	234	27.
1		0045	10	0.	1		0700	85	2.	1		1315	160	2131.	1		1930	235	27.
1		0050	11	0.	1		0705	86	2.	1		1320	161	1696.	1		1935	236	27.
1		0055	12	0.	1		0710	87	2.	1		1325	162	1344.	1		1940	237	26.
1		0100	13	0.	1		0715	88	2.	1		1330	163	1067.	1		1945	238	26.
1		0105	14	0.	1		0720	89	2.	1		1335	164	867.	1		1950	239	26.
1		0110	15	0.	1		0725	90	2.	1		1340	165	722.	1		1955	240	25.
1		0115	16	0.	1		0730	91	2.	1		1345	166	613.	1		2000	241	25.
1		0120	17	1.	1		0735	92	2.	1		1350	167	517.	1		2005	242	25.
1		0125	18	1.	1		0740	93	2.	1		1355	168	442.	1		2010	243	24.
1		0130	19	1.	1		0745	94	2.	1		1400	169	375.	1		2015	244	24.
1		0135	20	1.	1		0750	95	2.	1		1405	170	322.	1		2020	245	24.
1		0140	21	1.	1		0755	96	2.	1		1410	171	278.	1		2025	246	24.
1		0145	22	1.	1		0800	97	2.	1		1415	172	245.	1		2030	247	23.
1		0150	23	1.	1		0805	98	2.	1		1420	173	223.	1		2035	248	23.
1		0155	24	1.	1		0810	99	2.	1		1425	174	203.	1		2040	249	23.
1		0200	25	1.	1		0815	100	2.	1		1430	175	185.	1		2045	250	23.
1		0205	26	1.	1		0820	101	2.	1		1435	176	169.	1		2050	251	22.
1		0210	27	1.	1		0825	102	2.	1		1440	177	154.	1		2055	252	22.
1		0215	28	1.	1		0830	103	2.	1		1445	178	140.	1		2100	253	22.
1		0220	29	1.	1		0835	104	2.	1		1450	179	127.	1		2105	254	22.
1		0225	30	1.	1		0840	105	2.	1		1455	180	115.	1		2110	255	22.
1		0230	31	1.	1		0845	106	2.	1		1500	181	105.	1		2115	256	21.
1		0235	32	1.	1		0850	107	2.	1		1505	182	97.	1		2120	257	21.
1		0240	33	1.	1		0855	108	2.	1		1510	183	90.	1		2125	258	21.
1		0245	34	1.	1		0900	109	2.	1		1515	184	86.	1		2130	259	21.

1	0250	35	1.	*	1	0905	110	2.	*	1	1520	185	82.	*	1	2135	260	20.
1	0255	36	1.	*	1	0910	111	2.	*	1	1525	186	78.	*	1	2140	261	20.
1	0300	37	1.	*	1	0915	112	2.	*	1	1530	187	76.	*	1	2145	262	20.
1	0305	38	1.	*	1	0920	113	2.	*	1	1535	188	74.	*	1	2150	263	20.
1	0310	39	1.	*	1	0925	114	2.	*	1	1540	189	72.	*	1	2155	264	20.
	0315	40	1.	*	1	0930	115	2.	*	1	1545	190	70.	*	1	2200	265	19.
1	0320	41	1.	*	1	0935	116	3.	*	1	1550	191	68.	*	1	2205	266	19.
1	0325	42	1.	*	1	0940	117	3.	*	1	1555	192	66.	*	1	2210	267	19.
1	0330	43	1.	*	1	0945	118	3.	*	1	1600	193	64.	*	1	2215	268	19.
1	0335	44	1.	*	1	0950	119	3.	*	1	1605	194	61.	*	1	2220	269	18.
1	0340	45	1.	*	1	0955	120	3.	*	1	1610	195	59.	*	1	2225	270	18.
1	0345	46	1.	*	1	1000	121	3.	*	1	1615	196	57.	*	1	2230	271	18.
1	0350	47	1.	*	1	1005	122	3.	*	1	1620	197	55.	*	1	2235	272	18.
1	0355	48	1.	*	1	1010	123	3.	*	1	1625	198	53.	*	1	2240	273	18.
1	0400	49	1.	*	1	1015	124	3.	*	1	1630	199	51.	*	1	2245	274	17.
1	0405	50	1.	*	1	1020	125	3.	*	1	1635	200	50.	*	1	2250	275	17.
1	0410	51	1.	*	1	1025	126	3.	*	1	1640	201	48.	*	1	2255	276	17.
1	0415	52	1.	*	1	1030	127	3.	*	1	1645	202	47.	*	1	2300	277	17.
1	0420	53	1.	*	1	1035	128	3.	*	1	1650	203	45.	*	1	2305	278	17.
1	0425	54	1.	*	1	1040	129	3.	*	1	1655	204	44.	*	1	2310	279	17.
1	0430	55	1.	*	1	1045	130	3.	*	1	1700	205	43.	*	1	2315	280	17.
1	0435	56	1.	*	1	1050	131	3.	*	1	1705	206	42.	*	1	2320	281	17.
1	0440	57	1.	*	1	1055	132	4.	*	1	1710	207	41.	*	1	2325	282	17.
1	0445	58	1.	*	1	1100	133	4.	*	1	1715	208	40.	*	1	2330	283	16.
1	0450	59	1.	*	1	1105	134	4.	*	1	1720	209	39.	*	1	2335	284	16.
1	0455	60	1.	*	1	1110	135	4.	*	1	1725	210	38.	*	1	2340	285	16.
1	0500	61	1.	*	1	1115	136	4.	*	1	1730	211	38.	*	1	2345	286	16.
1	0505	62	1.	*	1	1120	137	4.	*	1	1735	212	37.	*	1	2350	287	16.
1	0510	63	1.	*	1	1125	138	4.	*	1	1740	213	36.	*	1	2355	288	16.
1	0515	64	1.	*	1	1130	139	5.	*	1	1745	214	36.	*	2	0000	289	16.
1	0520	65	2.	*	1	1135	140	10.	*	1	1750	215	35.	*	2	0005	290	16.
1	0525	66	2.	*	1	1140	141	17.	*	1	1755	216	35.	*	2	0010	291	16.
1	0530	67	2.	*	1	1145	142	37.	*	1	1800	217	34.	*	2	0015	292	16.
1	0535	68	2.	*	1	1150	143	89.	*	1	1805	218	34.	*	2	0020	293	16.
1	0540	69	2.	*	1	1155	144	158.	*	1	1810	219	33.	*	2	0025	294	16.
1	0545	70	2.	*	1	1200	145	295.	*	1	1815	220	33.	*	2	0030	295	16.
1	0550	71	2.	*	1	1205	146	461.	*	1	1820	221	32.	*	2	0035	296	16.
1	0555	72	2.	*	1	1210	147	712.	*	1	1825	222	32.	*	2	0040	297	16.
1	0600	73	2.	*	1	1215	148	1009.	*	1	1830	223	31.	*	2	0045	298	16.
1	0605	74	2.	*	1	1220	149	1483.	*	1	1835	224	31.	*	2	0050	299	16.
1	0610	75	2.	*	1	1225	150	2715.	*	1	1840	225	31.	*	2	0055	300	15.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 3492.	12.50		645.	169.	163.	163.
		(INCHES)	3.525	3.692	3.692	3.692
		(AC-FT)	320.	335.	335.	335.

CUMULATIVE AREA = 1.70 SQ MI

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HYDROGRAPH AT RB42
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	2.	*	1		1230	151	3467.	*	1		1845	226	30.
1		0005	2	0.	*	1		0620	77	2.	*	1		1235	152	3427.	*	1		1850	227	30.
1		0010	3	0.	*	1		0625	78	2.	*	1		1240	153	3196.	*	1		1855	228	29.
1		0015	4	0.	*	1		0630	79	2.	*	1		1245	154	2969.	*	1		1900	229	29.
1		0020	5	0.	*	1		0635	80	2.	*	1		1250	155	2778.	*	1		1905	230	28.
1		0025	6	0.	*	1		0640	81	2.	*	1		1255	156	2605.	*	1		1910	231	28.
1		0030	7	0.	*	1		0645	82	2.	*	1		1300	157	2447.	*	1		1915	232	28.
1		0035	8	0.	*	1		0650	83	2.	*	1		1305	158	2323.	*	1		1920	233	27.
1		0040	9	0.	*	1		0655	84	2.	*	1		1310	159	2235.	*	1		1925	234	27.
1		0045	10	0.	*	1		0700	85	2.	*	1		1315	160	2107.	*	1		1930	235	27.
1		0050	11	0.	*	1		0705	86	2.	*	1		1320	161	1677.	*	1		1935	236	26.
1		0055	12	0.	*	1		0710	87	2.	*	1		1325	162	1330.	*	1		1940	237	26.
1		0100	13	0.	*	1		0715	88	2.	*	1		1330	163	1056.	*	1		1945	238	26.
1		0105	14	0.	*	1		0720	89	2.	*	1		1335	164	858.	*	1		1950	239	25.
1		0110	15	0.	*	1		0725	90	2.	*	1		1340	165	716.	*	1		1955	240	25.
1		0115	16	0.	*	1		0730	91	2.	*	1		1345	166	608.	*	1		2000	241	25.
1		0120	17	1.	*	1		0735	92	2.	*	1		1350	167	513.	*	1		2005	242	24.
1		0125	18	1.	*	1		0740	93	2.	*	1		1355	168	439.	*	1		2010	243	24.
1		0130	19	1.	*	1		0745	94	2.	*	1		1400	169	372.	*	1		2015	244	24.
1		0135	20	1.	*	1		0750	95	2.	*	1		1405	170	320.	*	1		2020	245	24.
1		0140	21	1.	*	1		0755	96	2.	*	1		1410	171	276.	*	1		2025	246	23.
1		0145	22	1.	*	1		0800	97	2.	*	1		1415	172	243.	*	1		2030	247	23.
1		0150	23	1.	*	1		0805	98	2.	*	1		1420	173	222.	*	1		2035	248	23.
1		0155	24	1.	*	1		0810	99	2.	*	1		1425	174	201.	*	1		2040	249	23.
1		0200	25	1.	*	1		0815	100	2.	*	1		1430	175	184.	*	1		2045	250	22.
1		0205	26	1.	*	1		0820	101	2.	*	1		1435	176	168.	*	1		2050	251	22.
1		0210	27	1.	*	1		0825	102	2.	*	1		1440	177	153.	*	1		2055	252	22.
1		0215	28	1.	*	1		0830	103	2.	*	1		1445	178	139.	*	1		2100	253	22.
1		0220	29	1.	*	1		0835	104	2.	*	1		1450	179	126.	*	1		2105	254	22.
1		0225	30	1.	*	1		0840	105	2.	*	1		1455	180	115.	*	1		2110	255	21.
1		0230	31	1.	*	1		0845	106	2.	*	1		1500	181	105.	*	1		2115	256	21.
1		0235	32	1.	*	1		0850	107	2.	*	1		1505	182	96.	*	1		2120	257	21.
1		0240	33	1.	*	1		0855	108	2.	*	1		1510	183	90.	*	1		2125	258	21.
1		0245	34	1.	*	1		0900	109	2.	*	1		1515	184	85.	*	1		2130	259	20.
1		0250	35	1.	*	1		0905	110	2.	*	1		1520	185	81.	*	1		2135	260	20.
1		0255	36	1.	*	1		0910	111	2.	*	1		1525	186	78.	*	1		2140	261	20.
1		0300	37	1.	*	1		0915	112	2.	*	1		1530	187	76.	*	1		2145	262	20.
1		0305	38	1.	*	1		0920	113	2.	*	1		1535	188	74.	*	1		2150	263	20.
1		0310	39	1.	*	1		0925	114	2.	*	1		1540	189	72.	*	1		2155	264	19.
1		0315	40	1.	*	1		0930	115	2.	*	1		1545	190	70.	*	1		2200	265	19.
1		0320	41	1.	*	1		0935	116	3.	*	1		1550	191	68.	*	1		2205	266	19.
1		0325	42	1.	*	1		0940	117	3.	*	1		1555	192	66.	*	1		2210	267	19.
1		0330	43	1.	*	1		0945	118	3.	*	1		1600	193	63.	*	1		2215	268	18.
1		0335	44	1.	*	1		0950	119	3.	*	1		1605	194	61.	*	1		2220	269	18.
1		0340	45	1.	*	1		0955	120	3.	*	1		1610	195	59.	*	1		2225	270	18.
1		0345	46	1.	*	1		1000	121	3.	*	1		1615	196	57.	*	1		2230	271	18.
1		0350	47	1.	*	1		1005	122	3.	*	1		1620	197	55.	*	1		2235	272	18.
1		0355	48	1.	*	1		1010	123	3.	*	1		1625	198	53.	*	1		2240	273	17.
1		0400	49	1.	*	1		1015	124	3.	*	1		1630	199	51.	*	1		2245	274	17.
1		0405	50	1.	*	1		1020	125	3.	*	1		1635	200	49.	*	1		2250	275	17.
1		0410	51	1.	*	1		1025	126	3.	*	1		1640	201	48.	*	1		2255	276	17.
1		0415	52	1.	*	1		1030	127	3.	*	1		1645	202	46.	*	1		2300	277	17.
1		0420	53	1.	*	1		1035	128	3.	*	1		1650	203	45.	*	1		2305	278	17.
1		0425	54	1.	*	1		1040	129	3.	*	1		1655	204	44.	*	1		2310	279	17.
1		0430	55	1.	*	1		1045	130	3.	*	1		1700	205	43.	*	1		2315	280	17.
1		0435	56	1.	*	1		1050	131	3.	*	1		1705	206	42.	*	1		2320	281	16.
1		0440	57	1.	*	1		1055	132	4.	*	1		1710	207	41.	*	1		2325	282	16.
1		0445	58	1.	*	1		1100	133	4.	*	1		1715	208	40.	*	1		2330	283	16.
1		0450	59	1.	*	1		1105	134	4.	*	1		1720	209	39.	*	1		2335	284	16.
1		0455	60	1.	*	1		1110	135	4.	*	1		1725	210	38.	*	1		2340	285	16.

1	0500	61	1.	*	1	1115	136	4.	*	1	1730	211	37.	*	1	2345	286	16.
1	0505	62	1.	*	1	1120	137	4.	*	1	1735	212	37.	*	1	2350	287	16.
1	0510	63	1.	*	1	1125	138	4.	*	1	1740	213	36.	*	1	2355	288	16.
1	0515	64	1.	*	1	1130	139	5.	*	1	1745	214	35.	*	2	0000	289	16.
	0520	65	1.	*	1	1135	140	10.	*	1	1750	215	35.	*	2	0005	290	16.
	0525	66	2.	*	1	1140	141	17.	*	1	1755	216	34.	*	2	0010	291	16.
1	0530	67	2.	*	1	1145	142	36.	*	1	1800	217	34.	*	2	0015	292	16.
1	0535	68	2.	*	1	1150	143	87.	*	1	1805	218	33.	*	2	0020	293	16.
1	0540	69	2.	*	1	1155	144	154.	*	1	1810	219	33.	*	2	0025	294	16.
1	0545	70	2.	*	1	1200	145	289.	*	1	1815	220	32.	*	2	0030	295	16.
1	0550	71	2.	*	1	1205	146	451.	*	1	1820	221	32.	*	2	0035	296	16.
1	0555	72	2.	*	1	1210	147	694.	*	1	1825	222	31.	*	2	0040	297	16.
1	0600	73	2.	*	1	1215	148	985.	*	1	1830	223	31.	*	2	0045	298	16.
1	0605	74	2.	*	1	1220	149	1436.	*	1	1835	224	31.	*	2	0050	299	15.
1	0610	75	2.	*	1	1225	150	2591.	*	1	1840	225	30.	*	2	0055	300	15.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
+ 3467.	12.50		638.	167.	161.	161.
		(INCHES)	3.489	3.655	3.655	3.655
		(AC-FT)	316.	331.	331.	331.

CUMULATIVE AREA = 1.70 SQ MI

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HYDROGRAPH AT RB42
TRANSPOSITION AREA 50.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	2.	*	1		1230	151	3367.	*	1		1845	226	29.
1		0005	2	0.	*	1		0620	77	2.	*	1		1235	152	3336.	*	1		1850	227	28.
1		0010	3	0.	*	1		0625	78	2.	*	1		1240	153	3124.	*	1		1855	228	28.
1		0015	4	0.	*	1		0630	79	2.	*	1		1245	154	2913.	*	1		1900	229	28.
1		0020	5	0.	*	1		0635	80	2.	*	1		1250	155	2735.	*	1		1905	230	27.
1		0025	6	0.	*	1		0640	81	2.	*	1		1255	156	2572.	*	1		1910	231	27.
1		0030	7	0.	*	1		0645	82	2.	*	1		1300	157	2423.	*	1		1915	232	27.
1		0035	8	0.	*	1		0650	83	2.	*	1		1305	158	2306.	*	1		1920	233	26.
1		0040	9	0.	*	1		0655	84	2.	*	1		1310	159	2224.	*	1		1925	234	26.
1		0045	10	0.	*	1		0700	85	2.	*	1		1315	160	2011.	*	1		1930	235	26.
1		0050	11	0.	*	1		0705	86	2.	*	1		1320	161	1602.	*	1		1935	236	25.
1		0055	12	0.	*	1		0710	87	2.	*	1		1325	162	1271.	*	1		1940	237	25.
1		0100	13	0.	*	1		0715	88	2.	*	1		1330	163	1013.	*	1		1945	238	25.
1		0105	14	0.	*	1		0720	89	2.	*	1		1335	164	823.	*	1		1950	239	24.
1		0110	15	0.	*	1		0725	90	2.	*	1		1340	165	691.	*	1		1955	240	24.
1		0115	16	0.	*	1		0730	91	2.	*	1		1345	166	586.	*	1		2000	241	24.
1		0120	17	1.	*	1		0735	92	2.	*	1		1350	167	496.	*	1		2005	242	23.
1		0125	18	1.	*	1		0740	93	2.	*	1		1355	168	427.	*	1		2010	243	23.
1		0130	19	1.	*	1		0745	94	2.	*	1		1400	169	361.	*	1		2015	244	23.
1		0135	20	1.	*	1		0750	95	2.	*	1		1405	170	310.	*	1		2020	245	23.
1		0140	21	1.	*	1		0755	96	2.	*	1		1410	171	268.	*	1		2025	246	22.
1		0145	22	1.	*	1		0800	97	2.	*	1		1415	172	238.	*	1		2030	247	22.
1		0150	23	1.	*	1		0805	98	2.	*	1		1420	173	217.	*	1		2035	248	22.
1		0155	24	1.	*	1		0810	99	2.	*	1		1425	174	197.	*	1		2040	249	22.

1	0200	25	1.	*	1	0815	100	2.	*	1	1430	175	180.	*	1	2045	250	22.
1	0205	26	1.	*	1	0820	101	2.	*	1	1435	176	164.	*	1	2050	251	21.
1	0210	27	1.	*	1	0825	102	2.	*	1	1440	177	149.	*	1	2055	252	21.
1	0215	28	1.	*	1	0830	103	2.	*	1	1445	178	136.	*	1	2100	253	21.
1	0220	29	1.	*	1	0835	104	2.	*	1	1450	179	123.	*	1	2105	254	21.
1	0225	30	1.	*	1	0840	105	2.	*	1	1455	180	111.	*	1	2110	255	21.
1	0230	31	1.	*	1	0845	106	2.	*	1	1500	181	102.	*	1	2115	256	20.
1	0235	32	1.	*	1	0850	107	2.	*	1	1505	182	94.	*	1	2120	257	20.
1	0240	33	1.	*	1	0855	108	2.	*	1	1510	183	88.	*	1	2125	258	20.
1	0245	34	1.	*	1	0900	109	2.	*	1	1515	184	83.	*	1	2130	259	20.
1	0250	35	1.	*	1	0905	110	2.	*	1	1520	185	80.	*	1	2135	260	19.
1	0255	36	1.	*	1	0910	111	2.	*	1	1525	186	77.	*	1	2140	261	19.
1	0300	37	1.	*	1	0915	112	2.	*	1	1530	187	75.	*	1	2145	262	19.
1	0305	38	1.	*	1	0920	113	2.	*	1	1535	188	73.	*	1	2150	263	19.
1	0310	39	1.	*	1	0925	114	2.	*	1	1540	189	71.	*	1	2155	264	19.
1	0315	40	1.	*	1	0930	115	2.	*	1	1545	190	69.	*	1	2200	265	18.
1	0320	41	1.	*	1	0935	116	2.	*	1	1550	191	67.	*	1	2205	266	18.
1	0325	42	1.	*	1	0940	117	2.	*	1	1555	192	64.	*	1	2210	267	18.
1	0330	43	1.	*	1	0945	118	3.	*	1	1600	193	62.	*	1	2215	268	18.
1	0335	44	1.	*	1	0950	119	3.	*	1	1605	194	60.	*	1	2220	269	18.
1	0340	45	1.	*	1	0955	120	3.	*	1	1610	195	57.	*	1	2225	270	17.
1	0345	46	1.	*	1	1000	121	3.	*	1	1615	196	55.	*	1	2230	271	17.
1	0350	47	1.	*	1	1005	122	3.	*	1	1620	197	53.	*	1	2235	272	17.
1	0355	48	1.	*	1	1010	123	3.	*	1	1625	198	51.	*	1	2240	273	17.
1	0400	49	1.	*	1	1015	124	3.	*	1	1630	199	50.	*	1	2245	274	17.
1	0405	50	1.	*	1	1020	125	3.	*	1	1635	200	48.	*	1	2250	275	17.
1	0410	51	1.	*	1	1025	126	3.	*	1	1640	201	46.	*	1	2255	276	16.
1	0415	52	1.	*	1	1030	127	3.	*	1	1645	202	45.	*	1	2300	277	16.
1	0420	53	1.	*	1	1035	128	3.	*	1	1650	203	44.	*	1	2305	278	16.
1	0425	54	1.	*	1	1040	129	3.	*	1	1655	204	42.	*	1	2310	279	16.
1	0430	55	1.	*	1	1045	130	3.	*	1	1700	205	41.	*	1	2315	280	16.
1	0435	56	1.	*	1	1050	131	3.	*	1	1705	206	40.	*	1	2320	281	16.
1	0440	57	1.	*	1	1055	132	3.	*	1	1710	207	39.	*	1	2325	282	16.
1	0445	58	1.	*	1	1100	133	3.	*	1	1715	208	38.	*	1	2330	283	16.
1	0450	59	1.	*	1	1105	134	4.	*	1	1720	209	37.	*	1	2335	284	16.
1	0455	60	1.	*	1	1110	135	4.	*	1	1725	210	37.	*	1	2340	285	16.
1	0500	61	1.	*	1	1115	136	4.	*	1	1730	211	36.	*	1	2345	286	16.
1	0505	62	1.	*	1	1120	137	4.	*	1	1735	212	35.	*	1	2350	287	15.
1	0510	63	1.	*	1	1125	138	4.	*	1	1740	213	35.	*	1	2355	288	15.
1	0515	64	1.	*	1	1130	139	4.	*	1	1745	214	34.	*	2	0000	289	15.
1	0520	65	1.	*	1	1135	140	9.	*	1	1750	215	34.	*	2	0005	290	15.
1	0525	66	1.	*	1	1140	141	15.	*	1	1755	216	33.	*	2	0010	291	15.
1	0530	67	1.	*	1	1145	142	31.	*	1	1800	217	33.	*	2	0015	292	15.
1	0535	68	1.	*	1	1150	143	77.	*	1	1805	218	32.	*	2	0020	293	15.
1	0540	69	1.	*	1	1155	144	137.	*	1	1810	219	32.	*	2	0025	294	15.
1	0545	70	1.	*	1	1200	145	262.	*	1	1815	220	31.	*	2	0030	295	15.
1	0550	71	2.	*	1	1205	146	410.	*	1	1820	221	31.	*	2	0035	296	15.
1	0555	72	2.	*	1	1210	147	623.	*	1	1825	222	30.	*	2	0040	297	15.
1	0600	73	2.	*	1	1215	148	891.	*	1	1830	223	30.	*	2	0045	298	15.
1	0605	74	2.	*	1	1220	149	1257.	*	1	1835	224	30.	*	2	0050	299	15.
1	0610	75	2.	*	1	1225	150	2135.	*	1	1840	225	29.	*	2	0055	300	15.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)					
		(CFS)				
+ 3367.	12.50		612.	160.	154.	154.
		(INCHES)	3.349	3.508	3.508	3.508
		(AC-FT)	304.	318.	318.	318.

CUMULATIVE AREA = 1.70 SQ MI

HYDROGRAPH AT R842
TRANSPOSITION AREA 100.0 SQ MI

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	2.	1		1230	151	3323.	1		1845	226	28.
1		0005	2	0.	1		0620	77	2.	1		1235	152	3295.	1		1850	227	28.
1		0010	3	0.	1		0625	78	2.	1		1240	153	3092.	1		1855	228	28.
1		0015	4	0.	1		0630	79	2.	1		1245	154	2888.	1		1900	229	27.
1		0020	5	0.	1		0635	80	2.	1		1250	155	2716.	1		1905	230	27.
1		0025	6	0.	1		0640	81	2.	1		1255	156	2557.	1		1910	231	27.
1		0030	7	0.	1		0645	82	2.	1		1300	157	2413.	1		1915	232	26.
1		0035	8	0.	1		0650	83	2.	1		1305	158	2299.	1		1920	233	26.
1		0040	9	0.	1		0655	84	2.	1		1310	159	2219.	1		1925	234	26.
1		0045	10	0.	1		0700	85	2.	1		1315	160	1968.	1		1930	235	25.
1		0050	11	0.	1		0705	86	2.	1		1320	161	1569.	1		1935	236	25.
1		0055	12	0.	1		0710	87	2.	1		1325	162	1244.	1		1940	237	25.
1		0100	13	0.	1		0715	88	2.	1		1330	163	994.	1		1945	238	24.
1		0105	14	0.	1		0720	89	2.	1		1335	164	808.	1		1950	239	24.
1		0110	15	0.	1		0725	90	2.	1		1340	165	680.	1		1955	240	24.
1		0115	16	0.	1		0730	91	2.	1		1345	166	577.	1		2000	241	23.
1		0120	17	1.	1		0735	92	2.	1		1350	167	490.	1		2005	242	23.
1		0125	18	1.	1		0740	93	2.	1		1355	168	421.	1		2010	243	23.
1		0130	19	1.	1		0745	94	2.	1		1400	169	356.	1		2015	244	23.
1		0135	20	1.	1		0750	95	2.	1		1405	170	306.	1		2020	245	22.
1		0140	21	1.	1		0755	96	2.	1		1410	171	265.	1		2025	246	22.
1		0145	22	1.	1		0800	97	2.	1		1415	172	236.	1		2030	247	22.
1		0150	23	1.	1		0805	98	2.	1		1420	173	215.	1		2035	248	22.
1		0155	24	1.	1		0810	99	2.	1		1425	174	195.	1		2040	249	21.
1		0200	25	1.	1		0815	100	2.	1		1430	175	178.	1		2045	250	21.
1		0205	26	1.	1		0820	101	2.	1		1435	176	162.	1		2050	251	21.
1		0210	27	1.	1		0825	102	2.	1		1440	177	148.	1		2055	252	21.
1		0215	28	1.	1		0830	103	2.	1		1445	178	134.	1		2100	253	21.
1		0220	29	1.	1		0835	104	2.	1		1450	179	121.	1		2105	254	20.
1		0225	30	1.	1		0840	105	2.	1		1455	180	110.	1		2110	255	20.
1		0230	31	1.	1		0845	106	2.	1		1500	181	101.	1		2115	256	20.
1		0235	32	1.	1		0850	107	2.	1		1505	182	93.	1		2120	257	20.
1		0240	33	1.	1		0855	108	2.	1		1510	183	87.	1		2125	258	20.
1		0245	34	1.	1		0900	109	2.	1		1515	184	83.	1		2130	259	19.
1		0250	35	1.	1		0905	110	2.	1		1520	185	79.	1		2135	260	19.
1		0255	36	1.	1		0910	111	2.	1		1525	186	76.	1		2140	261	19.
1		0300	37	1.	1		0915	112	2.	1		1530	187	75.	1		2145	262	19.
1		0305	38	1.	1		0920	113	2.	1		1535	188	73.	1		2150	263	18.
1		0310	39	1.	1		0925	114	2.	1		1540	189	71.	1		2155	264	18.
1		0315	40	1.	1		0930	115	2.	1		1545	190	68.	1		2200	265	18.
1		0320	41	1.	1		0935	116	2.	1		1550	191	66.	1		2205	266	18.
1		0325	42	1.	1		0940	117	2.	1		1555	192	64.	1		2210	267	18.
1		0330	43	1.	1		0945	118	2.	1		1600	193	61.	1		2215	268	17.
1		0335	44	1.	1		0950	119	3.	1		1605	194	59.	1		2220	269	17.
1		0340	45	1.	1		0955	120	3.	1		1610	195	57.	1		2225	270	17.
1		0345	46	1.	1		1000	121	3.	1		1615	196	55.	1		2230	271	17.
1		0350	47	1.	1		1005	122	3.	1		1620	197	53.	1		2235	272	17.
1		0355	48	1.	1		1010	123	3.	1		1625	198	51.	1		2240	273	17.
1		0400	49	1.	1		1015	124	3.	1		1630	199	49.	1		2245	274	16.
1		0405	50	1.	1		1020	125	3.	1		1635	200	47.	1		2250	275	16.

1	0410	51	1.	*	1	1025	126	3.	*	1	1640	201	46.	*	1	2255	276	16.
1	0415	52	1.	*	1	1030	127	3.	*	1	1645	202	44.	*	1	2300	277	16.
1	0420	53	1.	*	1	1035	128	3.	*	1	1650	203	43.	*	1	2305	278	16.
1	0425	54	1.	*	1	1040	129	3.	*	1	1655	204	42.	*	1	2310	279	16.
	0430	55	1.	*	1	1045	130	3.	*	1	1700	205	41.	*	1	2315	280	16.
	0435	56	1.	*	1	1050	131	3.	*	1	1705	206	40.	*	1	2320	281	16.
1	0440	57	1.	*	1	1055	132	3.	*	1	1710	207	39.	*	1	2325	282	16.
1	0445	58	1.	*	1	1100	133	3.	*	1	1715	208	38.	*	1	2330	283	15.
1	0450	59	1.	*	1	1105	134	4.	*	1	1720	209	37.	*	1	2335	284	15.
1	0455	60	1.	*	1	1110	135	4.	*	1	1725	210	36.	*	1	2340	285	15.
1	0500	61	1.	*	1	1115	136	4.	*	1	1730	211	35.	*	1	2345	286	15.
1	0505	62	1.	*	1	1120	137	4.	*	1	1735	212	35.	*	1	2350	287	15.
1	0510	63	1.	*	1	1125	138	4.	*	1	1740	213	34.	*	1	2355	288	15.
1	0515	64	1.	*	1	1130	139	4.	*	1	1745	214	34.	*	2	0000	289	15.
1	0520	65	1.	*	1	1135	140	8.	*	1	1750	215	33.	*	2	0005	290	15.
1	0525	66	1.	*	1	1140	141	14.	*	1	1755	216	32.	*	2	0010	291	15.
1	0530	67	1.	*	1	1145	142	29.	*	1	1800	217	32.	*	2	0015	292	15.
1	0535	68	1.	*	1	1150	143	72.	*	1	1805	218	32.	*	2	0020	293	15.
1	0540	69	1.	*	1	1155	144	130.	*	1	1810	219	31.	*	2	0025	294	15.
1	0545	70	1.	*	1	1200	145	250.	*	1	1815	220	31.	*	2	0030	295	15.
1	0550	71	1.	*	1	1205	146	392.	*	1	1820	221	30.	*	2	0035	296	15.
1	0555	72	1.	*	1	1210	147	591.	*	1	1825	222	30.	*	2	0040	297	15.
1	0600	73	1.	*	1	1215	148	850.	*	1	1830	223	29.	*	2	0045	298	15.
1	0605	74	1.	*	1	1220	149	1187.	*	1	1835	224	29.	*	2	0050	299	15.
1	0610	75	1.	*	1	1225	150	1958.	*	1	1840	225	29.	*	2	0055	300	14.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)					
		(CFS)				
+ 3323.	12.50		602.	158.	152.	152.
		(INCHES)	3.290	3.446	3.446	3.446
		(AC-FT)	298.	312.	312.	312.

CUMULATIVE AREA = 1.70 SQ MI

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HYDROGRAPH AT RB42
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	1.	*	1		1230	151	3285.	*	1		1845	226	28.
1		0005	2	0.	*	1		0620	77	1.	*	1		1235	152	3261.	*	1		1850	227	28.
1		0010	3	0.	*	1		0625	78	1.	*	1		1240	153	3065.	*	1		1855	228	27.
1		0015	4	0.	*	1		0630	79	1.	*	1		1245	154	2866.	*	1		1900	229	27.
1		0020	5	0.	*	1		0635	80	2.	*	1		1250	155	2699.	*	1		1905	230	26.
1		0025	6	0.	*	1		0640	81	2.	*	1		1255	156	2545.	*	1		1910	231	26.
1		0030	7	0.	*	1		0645	82	2.	*	1		1300	157	2404.	*	1		1915	232	26.
1		0035	8	0.	*	1		0650	83	2.	*	1		1305	158	2293.	*	1		1920	233	25.
1		0040	9	0.	*	1		0655	84	2.	*	1		1310	159	2215.	*	1		1925	234	25.
1		0045	10	0.	*	1		0700	85	2.	*	1		1315	160	1930.	*	1		1930	235	25.
1		0050	11	0.	*	1		0705	86	2.	*	1		1320	161	1539.	*	1		1935	236	25.
1		0055	12	0.	*	1		0710	87	2.	*	1		1325	162	1222.	*	1		1940	237	24.
1		0100	13	0.	*	1		0715	88	2.	*	1		1330	163	977.	*	1		1945	238	24.
1		0105	14	0.	*	1		0720	89	2.	*	1		1335	164	795.	*	1		1950	239	24.

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WARNING --- ROUTED OUTFLOW (    581.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    663.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
.    'NG --- ROUTED OUTFLOW (    677.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    617.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    506.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    569.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    635.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    643.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    590.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    587.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    714.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    757.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    684.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    529.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    581.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
.    ING --- ROUTED OUTFLOW (    683.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    707.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    641.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    515.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    572.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    653.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    667.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    608.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    560.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    626.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    633.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    581.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    548.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
.    NING --- ROUTED OUTFLOW (    670.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    711.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    644.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
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WARNING --- ROUTED OUTFLOW (    543.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    640.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
.    NG --- ROUTED OUTFLOW (    665.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    604.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    536.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    613.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    627.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    573.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    526.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    588.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    596.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    547.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    531.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    650.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    692.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
.    NG --- ROUTED OUTFLOW (    627.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    527.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    622.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    646.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    587.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    520.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    595.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    609.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    557.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    510.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    571.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    579.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    531.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
W    ING --- ROUTED OUTFLOW (    516.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    633.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
WARNING --- ROUTED OUTFLOW (    675.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE
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WARNING --- ROUTED OUTFLOW (    612.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTEO OUTFLOW (    513.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

    NG --- ROUTED OUTFLOW (    606.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTEO OUTFLOW (    630.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    573.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    506.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    580.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    594.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    543.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    556.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    565.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (    518.) IS GREATER THAN MAXIMUM OUTFLOW (    503.) IN STORAGE-OUTFLOW TABLE


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          *            *
1208 KK   *     SRWT4  *
          *            *
          **************

1210 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           3  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

             HYDROGRAPH ROUTING DATA

 322 RL          ROUTING LOSSES
                      QLOSS         .00  INITIAL LOSS
                      CLOSS         .00  ADDITIONAL FRACTION LOST

1211 RS          STORAGE ROUTING
                      NSTPS           1  NUMBER OF SUBREACHES
                       ITYP        STOR  TYPE OF INITIAL CONDITION
                     RSVRIC         .00  INITIAL CONDITION
                          X         .00 WORKING R AND D COEFFICIENT

1212 SV            STORAGE          .0       2.8      51.0     148.0     277.0     543.0    1269.0    1396.0    1690.0    2045.0
                                2246.0

  1 SQ           DISCHARGE          0.        0.        0.        0.        0.        0.        0.      375.     2600.     6150.
                                14700.

1216 SE           ELEVATION      997.00   1000.00   1010.00   1020.00   1030.00   1040.00   1049.00   1050.00   1052.00   1054.00
                                1055.00
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HYDROGRAPH AT STATION SRWT4
TRANSPOSITION AREA .0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
433.	24.92	433.	215.	207.	207.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1035.85	24.92	1035.85	1016.90	1016.17	1016.17

CUMULATIVE AREA = 19.80 SQ MI

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HYDROGRAPH AT STATION SRWT4
TRANSPOSITION AREA 10.0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
422.	24.92	422.	210.	202.	202.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1035.45	24.92	1035.45	1016.69	1015.97	1015.97

CUMULATIVE AREA = 19.80 SQ MI

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HYDROGRAPH AT STATION SRWT4
TRANSPOSITION AREA 50.0 SQ MI

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				

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                                (CFS)
+       0.        .08                    0.          0.          0.          0.
                             (INCHES)   .000        .000        .000        .000
                              (AC-FT)     0.          0.          0.          0.

    STORAGE   TIME                            MAXIMUM AVERAGE STORAGE
                                        6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)     (HR)
     379.     24.92                     379.        188.        181.        181.

  PEAK STAGE   TIME                           MAXIMUM AVERAGE STAGE
                                        6-HR       24-HR       72-HR     24.92-HR
+   (FEET)     (HR)
   1033.83    24.83                  1033.82     1015.84     1015.14     1015.14

                          CUMULATIVE AREA =   19.80 SQ MI


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

                        HYDROGRAPH AT STATION    SRWT4
                       TRANSPOSITION AREA    100.0 SQ MI

  PEAK FLOW    TIME                           MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)      (HR)
                                (CFS)
+       0.        .08                    0.          0.          0.          0.
                             (INCHES)   .000        .000        .000        .000
                              (AC-FT)     0.          0.          0.          0.

    STORAGE   TIME                            MAXIMUM AVERAGE STORAGE
                                        6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)     (HR)
     360.     24.92                     360.        178.        172.        172.

  PEAK STAGE   TIME                           MAXIMUM AVERAGE STAGE
                                        6-HR       24-HR       72-HR     24.92-HR
+   (FEET)     (HR)
   1033.11    24.92                  1033.10     1015.46     1014.78     1014.78

                          CUMULATIVE AREA =   19.80 SQ MI


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

                        HYDROGRAPH AT STATION    SRWT4
                       TRANSPOSITION AREA    200.0 SQ MI

  PEAK FLOW    TIME                           MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)      (HR)
                                (CFS)
+       0.        .08                    0.          0.          0.          0.
                             (INCHES)   .000        .000        .000        .000
                              (AC-FT)     0.          0.          0.          0.

  PEAK STORAGE   TIME                           MAXIMUM AVERAGE STORAGE
                                        6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)     (HR)
     343.     24.92                     343.        170.        164.        164.
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PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
1032.49	24.92	1032.48	1015.13	1014.46	1014.46

CUMULATIVE AREA = 19.80 SQ MI

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INTERPOLATED HYDROGRAPH AT SRWT4

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = 19.80 SQ MI

WARNING --- ROUTED OUTFLOW (4394.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4393.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4368.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4399.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4339.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4332.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4395.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4363.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4335.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4334.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4340.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (4336.) IS GREATER THAN MAXIMUM OUTFLOW (4324.) IN STORAGE-OUTFLOW TABLE

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              *            *
3955 KK       *     CP138  *
              *            *
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3957 KO OUTPUT CONTROL VARIABLES

IPRNT 1 PRINT CONTROL

IPLOT 0 PLOT CONTROL

QSCAL 0. HYDROGRAPH PLOT SCALE

3958 HC HYDROGRAPH COMBINATION

ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

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HYOROGRAPH AT CP138

TRANSPOSITION AREA .0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	0.	1		1230	151	247.	1		1845	226	147.
1		0005	2	0.	1		0620	77	0.	1		1235	152	275.	1		1850	227	139.
1		0010	3	0.	1		0625	78	0.	1		1240	153	299.	1		1855	228	131.
1		0015	4	0.	1		0630	79	0.	1		1245	154	325.	1		1900	229	124.
1		0020	5	0.	1		0635	80	0.	1		1250	155	356.	1		1905	230	118.
1		0025	6	0.	1		0640	81	0.	1		1255	156	394.	1		1910	231	113.
1		0030	7	0.	1		0645	82	0.	1		1300	157	438.	1		1915	232	108.
1		0035	8	0.	1		0650	83	0.	1		1305	158	485.	1		1920	233	103.
1		0040	9	0.	1		0655	84	0.	1		1310	159	534.	1		1925	234	99.
1		0045	10	0.	1		0700	85	0.	1		1315	160	588.	1		1930	235	96.
1		0050	11	0.	1		0705	86	0.	1		1320	161	619.	1		1935	236	93.
1		0055	12	0.	1		0710	87	0.	1		1325	162	619.	1		1940	237	91.
1		0100	13	0.	1		0715	88	0.	1		1330	163	597.	1		1945	238	89.
1		0105	14	0.	1		0720	89	0.	1		1335	164	580.	1		1950	239	88.
1		0110	15	0.	1		0725	90	0.	1		1340	165	598.	1		1955	240	86.
		0115	16	0.	1		0730	91	0.	1		1345	166	729.	1		2000	241	84.
1		0120	17	0.	1		0735	92	0.	1		1350	167	990.	1		2005	242	82.
1		0125	18	0.	1		0740	93	0.	1		1355	168	1242.	1		2010	243	80.
1		0130	19	0.	1		0745	94	0.	1		1400	169	1408.	1		2015	244	78.
1		0135	20	0.	1		0750	95	0.	1		1405	170	1502.	1		2020	245	75.
1		0140	21	0.	1		0755	96	0.	1		1410	171	1552.	1		2025	246	73.
1		0145	22	0.	1		0800	97	0.	1		1415	172	1562.	1		2030	247	70.
1		0150	23	0.	1		0805	98	0.	1		1420	173	1535.	1		2035	248	67.
1		0155	24	0.	1		0810	99	0.	1		1425	174	1480.	1		2040	249	65.
1		0200	25	0.	1		0815	100	0.	1		1430	175	1409.	1		2045	250	62.
1		0205	26	0.	1		0820	101	0.	1		1435	176	1334.	1		2050	251	60.
1		0210	27	0.	1		0825	102	0.	1		1440	177	1267.	1		2055	252	57.
1		0215	28	0.	1		0830	103	0.	1		1445	178	1199.	1		2100	253	55.
1		0220	29	0.	1		0835	104	0.	1		1450	179	1136.	1		2105	254	53.
1		0225	30	0.	1		0840	105	0.	1		1455	180	1077.	1		2110	255	50.
1		0230	31	0.	1		0845	106	0.	1		1500	181	1054.	1		2115	256	48.
1		0235	32	0.	1		0850	107	0.	1		1505	182	1054.	1		2120	257	46.
1		0240	33	0.	1		0855	108	0.	1		1510	183	1030.	1		2125	258	45.
1		0245	34	0.	1		0900	109	0.	1		1515	184	982.	1		2130	259	43.
		0250	35	0.	1		0905	110	0.	1		1520	185	916.	1		2135	260	41.
		0255	36	0.	1		0910	111	0.	1		1525	186	849.	1		2140	261	39.
		0300	37	0.	1		0915	112	0.	1		1530	187	785.	1		2145	262	38.
		0305	38	0.	1		0920	113	0.	1		1535	188	736.	1		2150	263	36.
		0310	39	0.	1		0925	114	0.	1		1540	189	695.	1		2155	264	35.
		0315	40	0.	1		0930	115	0.	1		1545	190	662.	1		2200	265	33.
		0320	41	0.	1		0935	116	0.	1		1550	191	633.	1		2205	266	32.
		0325	42	0.	1		0940	117	0.	1		1555	192	611.	1		2210	267	31.
		0330	43	0.	1		0945	118	0.	1		1600	193	597.	1		2215	268	30.
		0335	44	0.	1		0950	119	0.	1		1605	194	589.	1		2220	269	28.
		0340	45	0.	1		0955	120	0.	1		1610	195	584.	1		2225	270	27.
		0345	46	0.	1		1000	121	0.	1		1615	196	578.	1		2230	271	26.

1	0350	47	0.	*	1	1005	122	0.	*	1	1620	197	567.	*	1	2235	272	26.
1	0355	48	0.	*	1	1010	123	0.	*	1	1625	198	552.	*	1	2240	273	25.
1	0400	49	0.	*	1	1015	124	0.	*	1	1630	199	529.	*	1	2245	274	24.
1	0405	50	0.	*	1	1020	125	0.	*	1	1635	200	502.	*	1	2250	275	23.
1	0410	51	0.	*	1	1025	126	0.	*	1	1640	201	473.	*	1	2255	276	23.
	0415	52	0.	*	1	1030	127	0.	*	1	1645	202	449.	*	1	2300	277	23.
1	0420	53	0.	*	1	1035	128	0.	*	1	1650	203	426.	*	1	2305	278	22.
1	0425	54	0.	*	1	1040	129	0.	*	1	1655	204	406.	*	1	2310	279	22.
1	0430	55	0.	*	1	1045	130	0.	*	1	1700	205	390.	*	1	2315	280	22.
1	0435	56	0.	*	1	1050	131	0.	*	1	1705	206	376.	*	1	2320	281	22.
1	0440	57	0.	*	1	1055	132	0.	*	1	1710	207	361.	*	1	2325	282	21.
1	0445	58	0.	*	1	1100	133	0.	*	1	1715	208	345.	*	1	2330	283	21.
1	0450	59	0.	*	1	1105	134	0.	*	1	1720	209	330.	*	1	2335	284	21.
1	0455	60	0.	*	1	1110	135	0.	*	1	1725	210	315.	*	1	2340	285	21.
1	0500	61	0.	*	1	1115	136	0.	*	1	1730	211	300.	*	1	2345	286	21.
1	0505	62	0.	*	1	1120	137	0.	*	1	1735	212	285.	*	1	2350	287	21.
1	0510	63	0.	*	1	1125	138	0.	*	1	1740	213	271.	*	1	2355	288	21.
1	0515	64	0.	*	1	1130	139	0.	*	1	1745	214	257.	*	2	0000	289	21.
1	0520	65	0.	*	1	1135	140	4.	*	1	1750	215	244.	*	2	0005	290	21.
1	0525	66	0.	*	1	1140	141	8.	*	1	1755	216	232.	*	2	0010	291	21.
1	0530	67	0.	*	1	1145	142	12.	*	1	1800	217	221.	*	2	0015	292	20.
1	0535	68	0.	*	1	1150	143	25.	*	1	1805	218	213.	*	2	0020	293	20.
1	0540	69	0.	*	1	1155	144	44.	*	1	1810	219	206.	*	2	0025	294	20.
1	0545	70	0.	*	1	1200	145	66.	*	1	1815	220	199.	*	2	0030	295	20.
1	0550	71	0.	*	1	1205	146	78.	*	1	1820	221	191.	*	2	0035	296	20.
1	0555	72	0.	*	1	1210	147	107.	*	1	1825	222	182.	*	2	0040	297	20.
1	0600	73	0.	*	1	1215	148	144.	*	1	1830	223	173.	*	2	0045	298	19.
1	0605	74	0.	*	1	1220	149	187.	*	1	1835	224	164.	*	2	0050	299	19.
1	0610	75	0.	*	1	1225	150	220.	*	1	1840	225	155.	*	2	0055	300	19.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+		(CFS)				
+ 1562.	14.25		661.	183.	176.	176.
		(INCHES)	1.033	1.145	1.145	1.145
		(AC-FT)	328.	363.	363.	363.

CUMULATIVE AREA = 5.95 SQ MI

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HYDROGRAPH AT CP13B
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	0.	*	1		1230	151	244.	*	1		1845	226	146.
1		0005	2	0.	*	1		0620	77	0.	*	1		1235	152	271.	*	1		1850	227	138.
1		0010	3	0.	*	1		0625	78	0.	*	1		1240	153	295.	*	1		1855	228	131.
1		0015	4	0.	*	1		0630	79	0.	*	1		1245	154	321.	*	1		1900	229	124.
1		0020	5	0.	*	1		0635	80	0.	*	1		1250	155	351.	*	1		1905	230	118.
1		0025	6	0.	*	1		0640	81	0.	*	1		1255	156	389.	*	1		1910	231	112.
1		0030	7	0.	*	1		0645	82	0.	*	1		1300	157	432.	*	1		1915	232	107.
1		0035	8	0.	*	1		0650	83	0.	*	1		1305	158	478.	*	1		1920	233	103.
1		0040	9	0.	*	1		0655	84	0.	*	1		1310	159	527.	*	1		1925	234	99.
1		0045	10	0.	*	1		0700	85	0.	*	1		1315	160	580.	*	1		1930	235	96.

1	0050	11	0.	*	1	0705	86	0.	*	1	1320	161	611.	*	1	1935	236	93.
1	0055	12	0.	*	1	0710	87	0.	*	1	1325	162	610.	*	1	1940	237	91.
1	0100	13	0.	*	1	0715	88	0.	*	1	1330	163	588.	*	1	1945	238	89.
1	0105	14	0.	*	1	0720	89	0.	*	1	1335	164	570.	*	1	1950	239	88.
1	0110	15	0.	*	1	0725	90	0.	*	1	1340	165	584.	*	1	1955	240	86.
	0115	16	0.	*	1	0730	91	0.	*	1	1345	166	703.	*	1	2000	241	84.
1	0120	17	0.	*	1	0735	92	0.	*	1	1350	167	958.	*	1	2005	242	82.
1	0125	18	0.	*	1	0740	93	0.	*	1	1355	168	1211.	*	1	2010	243	80.
1	0130	19	0.	*	1	0745	94	0.	*	1	1400	169	1380.	*	1	2015	244	77.
1	0135	20	0.	*	1	0750	95	0.	*	1	1405	170	1475.	*	1	2020	245	75.
1	0140	21	0.	*	1	0755	96	0.	*	1	1410	171	1525.	*	1	2025	246	72.
1	0145	22	0.	*	1	0800	97	0.	*	1	1415	172	1539.	*	1	2030	247	70.
1	0150	23	0.	*	1	0805	98	0.	*	1	1420	173	1513.	*	1	2035	248	67.
1	0155	24	0.	*	1	0810	99	0.	*	1	1425	174	1461.	*	1	2040	249	64.
1	0200	25	0.	*	1	0815	100	0.	*	1	1430	175	1392.	*	1	2045	250	62.
1	0205	26	0.	*	1	0820	101	0.	*	1	1435	176	1319.	*	1	2050	251	59.
1	0210	27	0.	*	1	0825	102	0.	*	1	1440	177	1253.	*	1	2055	252	57.
1	0215	28	0.	*	1	0830	103	0.	*	1	1445	178	1185.	*	1	2100	253	55.
1	0220	29	0.	*	1	0835	104	0.	*	1	1450	179	1122.	*	1	2105	254	52.
1	0225	30	0.	*	1	0840	105	0.	*	1	1455	180	1061.	*	1	2110	255	50.
1	0230	31	0.	*	1	0845	106	0.	*	1	1500	181	1027.	*	1	2115	256	48.
1	0235	32	0.	*	1	0850	107	0.	*	1	1505	182	1027.	*	1	2120	257	46.
1	0240	33	0.	*	1	0855	108	0.	*	1	1510	183	1013.	*	1	2125	258	44.
1	0245	34	0.	*	1	0900	109	0.	*	1	1515	184	970.	*	1	2130	259	43.
1	0250	35	0.	*	1	0905	110	0.	*	1	1520	185	905.	*	1	2135	260	41.
1	0255	36	0.	*	1	0910	111	0.	*	1	1525	186	838.	*	1	2140	261	39.
1	0300	37	0.	*	1	0915	112	0.	*	1	1530	187	776.	*	1	2145	262	38.
1	0305	38	0.	*	1	0920	113	0.	*	1	1535	188	727.	*	1	2150	263	36.
1	0310	39	0.	*	1	0925	114	0.	*	1	1540	189	687.	*	1	2155	264	35.
1	0315	40	0.	*	1	0930	115	0.	*	1	1545	190	654.	*	1	2200	265	33.
1	0320	41	0.	*	1	0935	116	0.	*	1	1550	191	625.	*	1	2205	266	32.
,	0325	42	0.	*	1	0940	117	0.	*	1	1555	192	602.	*	1	2210	267	31.
1	0330	43	0.	*	1	0945	118	0.	*	1	1600	193	587.	*	1	2215	268	29.
1	0335	44	0.	*	1	0950	119	0.	*	1	1605	194	579.	*	1	2220	269	28.
1	0340	45	0.	*	1	0955	120	0.	*	1	1610	195	575.	*	1	2225	270	27.
1	0345	46	0.	*	1	1000	121	0.	*	1	1615	196	568.	*	1	2230	271	26.
1	0350	47	0.	*	1	1005	122	0.	*	1	1620	197	559.	*	1	2235	272	25.
1	0355	48	0.	*	1	1010	123	0.	*	1	1625	198	544.	*	1	2240	273	25.
1	0400	49	0.	*	1	1015	124	0.	*	1	1630	199	522.	*	1	2245	274	24.
1	0405	50	0.	*	1	1020	125	0.	*	1	1635	200	496.	*	1	2250	275	23.
1	0410	51	0.	*	1	1025	126	0.	*	1	1640	201	469.	*	1	2255	276	23.
1	0415	52	0.	*	1	1030	127	0.	*	1	1645	202	445.	*	1	2300	277	23.
1	0420	53	0.	*	1	1035	128	0.	*	1	1650	203	422.	*	1	2305	278	22.
1	0425	54	0.	*	1	1040	129	0.	*	1	1655	204	403.	*	1	2310	279	22.
1	0430	55	0.	*	1	1045	130	0.	*	1	1700	205	388.	*	1	2315	280	22.
1	0435	56	0.	*	1	1050	131	0.	*	1	1705	206	374.	*	1	2320	281	22.
1	0440	57	0.	*	1	1055	132	0.	*	1	1710	207	359.	*	1	2325	282	21.
1	0445	58	0.	*	1	1100	133	0.	*	1	1715	208	343.	*	1	2330	283	21.
1	0450	59	0.	*	1	1105	134	0.	*	1	1720	209	328.	*	1	2335	284	21.
1	0455	60	0.	*	1	1110	135	0.	*	1	1725	210	313.	*	1	2340	285	21.
1	0500	61	0.	*	1	1115	136	0.	*	1	1730	211	298.	*	1	2345	286	21.
1	0505	62	0.	*	1	1120	137	0.	*	1	1735	212	284.	*	1	2350	287	21.
1	0510	63	0.	*	1	1125	138	0.	*	1	1740	213	269.	*	1	2355	288	21.
1	0515	64	0.	*	1	1130	139	0.	*	1	1745	214	255.	*	2	0000	289	21.
1	0520	65	0.	*	1	1135	140	4.	*	1	1750	215	242.	*	2	0005	290	21.
1	0525	66	0.	*	1	1140	141	8.	*	1	1755	216	231.	*	2	0010	291	21.
1	0530	67	0.	*	1	1145	142	12.	*	1	1800	217	220.	*	2	0015	292	20.
1	0535	68	0.	*	1	1150	143	25.	*	1	1805	218	212.	*	2	0020	293	20.
1	0540	69	0.	*	1	1155	144	43.	*	1	1810	219	205.	*	2	0025	294	20.
1	0545	70	0.	*	1	1200	145	65.	*	1	1815	220	198.	*	2	0030	295	20.
1	0550	71	0.	*	1	1205	146	77.	*	1	1820	221	190.	*	2	0035	296	20.
1	0555	72	0.	*	1	1210	147	105.	*	1	1825	222	181.	*	2	0040	297	20.

1	0600	73	0.	*	1	1215	148	142.	*	1	1830	223	172.	*	2	0045	298	19.
1	0605	74	0.	*	1	1220	149	185.	*	1	1835	224	163.	*	2	0050	299	19.
1	0610	75	0.	*	1	1225	150	217.	*	1	1840	225	155.	*	2	0055	300	19.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW	6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
1539.	14.25		651.	181.	174.	174.
		(INCHES)	1.018	1.130	1.130	1.130
		(AC-FT)	323.	358.	358.	358.

CUMULATIVE AREA = 5.95 SQ MI

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HYDROGRAPH AT CP138
TRANSPOSITION AREA 50.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	0.	1		1230	151	232.	1		1845	226	143.
1		0005	2	0.	1		0620	77	0.	1		1235	152	257.	1		1850	227	135.
1		0010	3	0.	1		0625	78	0.	1		1240	153	280.	1		1855	228	128.
1		0015	4	0.	1		0630	79	0.	1		1245	154	304.	1		1900	229	121.
1		0020	5	0.	1		0635	80	0.	1		1250	155	332.	1		1905	230	115.
1		0025	6	0.	1		0640	81	0.	1		1255	156	368.	1		1910	231	110.
1		0030	7	0.	1		0645	82	0.	1		1300	157	409.	1		1915	232	105.
1		0035	8	0.	1		0650	83	0.	1		1305	158	453.	1		1920	233	101.
1		0040	9	0.	1		0655	84	0.	1		1310	159	499.	1		1925	234	98.
1		0045	10	0.	1		0700	85	0.	1		1315	160	549.	1		1930	235	95.
1		0050	11	0.	1		0705	86	0.	1		1320	161	578.	1		1935	236	92.
1		0055	12	0.	1		0710	87	0.	1		1325	162	575.	1		1940	237	90.
1		0100	13	0.	1		0715	88	0.	1		1330	163	548.	1		1945	238	89.
1		0105	14	0.	1		0720	89	0.	1		1335	164	532.	1		1950	239	87.
1		0110	15	0.	1		0725	90	0.	1		1340	165	534.	1		1955	240	85.
1		0115	16	0.	1		0730	91	0.	1		1345	166	614.	1		2000	241	83.
1		0120	17	0.	1		0735	92	0.	1		1350	167	827.	1		2005	242	81.
1		0125	18	0.	1		0740	93	0.	1		1355	168	1082.	1		2010	243	79.
1		0130	19	0.	1		0745	94	0.	1		1400	169	1265.	1		2015	244	76.
1		0135	20	0.	1		0750	95	0.	1		1405	170	1371.	1		2020	245	74.
1		0140	21	0.	1		0755	96	0.	1		1410	171	1421.	1		2025	246	71.
1		0145	22	0.	1		0800	97	0.	1		1415	172	1437.	1		2030	247	69.
1		0150	23	0.	1		0805	98	0.	1		1420	173	1424.	1		2035	248	66.
1		0155	24	0.	1		0810	99	0.	1		1425	174	1383.	1		2040	249	63.
1		0200	25	0.	1		0815	100	0.	1		1430	175	1326.	1		2045	250	61.
1		0205	26	0.	1		0820	101	0.	1		1435	176	1260.	1		2050	251	58.
1		0210	27	0.	1		0825	102	0.	1		1440	177	1196.	1		2055	252	56.
1		0215	28	0.	1		0830	103	0.	1		1445	178	1130.	1		2100	253	54.
1		0220	29	0.	1		0835	104	0.	1		1450	179	1068.	1		2105	254	52.
1		0225	30	0.	1		0840	105	0.	1		1455	180	1006.	1		2110	255	49.
1		0230	31	0.	1		0845	106	0.	1		1500	181	949.	1		2115	256	47.
1		0235	32	0.	1		0850	107	0.	1		1505	182	920.	1		2120	257	46.
1		0240	33	0.	1		0855	108	0.	1		1510	183	924.	1		2125	258	44.
1		0245	34	0.	1		0900	109	0.	1		1515	184	909.	1		2130	259	42.
1		0250	35	0.	1		0905	110	0.	1		1520	185	858.	1		2135	260	40.
1		0255	36	0.	1		0910	111	0.	1		1525	186	797.	1		2140	261	39.

1	0300	37	0.	*	1	0915	112	0.	*	1	1530	187	740.	*	1	2145	262	37.
1	0305	38	0.	*	1	0920	113	0.	*	1	1535	188	696.	*	1	2150	263	35.
1	0310	39	0.	*	1	0925	114	0.	*	1	1540	189	659.	*	1	2155	264	34.
1	0315	40	0.	*	1	0930	115	0.	*	1	1545	190	622.	*	1	2200	265	33.
1	0320	41	0.	*	1	0935	116	0.	*	1	1550	191	590.	*	1	2205	266	31.
	0325	42	0.	*	1	0940	117	0.	*	1	1555	192	565.	*	1	2210	267	30.
1	0330	43	0.	*	1	0945	118	0.	*	1	1600	193	548.	*	1	2215	268	29.
1	0335	44	0.	*	1	0950	119	0.	*	1	1605	194	539.	*	1	2220	269	28.
1	0340	45	0.	*	1	0955	120	0.	*	1	1610	195	535.	*	1	2225	270	27.
1	0345	46	0.	*	1	1000	121	0.	*	1	1615	196	530.	*	1	2230	271	26.
1	0350	47	0.	*	1	1005	122	0.	*	1	1620	197	524.	*	1	2235	272	25.
1	0355	48	0.	*	1	1010	123	0.	*	1	1625	198	513.	*	1	2240	273	24.
1	0400	49	0.	*	1	1015	124	0.	*	1	1630	199	495.	*	1	2245	274	24.
1	0405	50	0.	*	1	1020	125	0.	*	1	1635	200	473.	*	1	2250	275	23.
1	0410	51	0.	*	1	1025	126	0.	*	1	1640	201	449.	*	1	2255	276	23.
1	0415	52	0.	*	1	1030	127	0.	*	1	1645	202	428.	*	1	2300	277	22.
1	0420	53	0.	*	1	1035	128	0.	*	1	1650	203	409.	*	1	2305	278	22.
1	0425	54	0.	*	1	1040	129	0.	*	1	1655	204	393.	*	1	2310	279	22.
1	0430	55	0.	*	1	1045	130	0.	*	1	1700	205	380.	*	1	2315	280	22.
1	0435	56	0.	*	1	1050	131	0.	*	1	1705	206	365.	*	1	2320	281	22.
1	0440	57	0.	*	1	1055	132	0.	*	1	1710	207	350.	*	1	2325	282	21.
1	0445	58	0.	*	1	1100	133	0.	*	1	1715	208	335.	*	1	2330	283	21.
1	0450	59	0.	*	1	1105	134	0.	*	1	1720	209	320.	*	1	2335	284	21.
1	0455	60	0.	*	1	1110	135	0.	*	1	1725	210	305.	*	1	2340	285	21.
1	0500	61	0.	*	1	1115	136	0.	*	1	1730	211	291.	*	1	2345	286	21.
1	0505	62	0.	*	1	1120	137	0.	*	1	1735	212	277.	*	1	2350	287	21.
1	0510	63	0.	*	1	1125	138	0.	*	1	1740	213	263.	*	1	2355	288	21.
1	0515	64	0.	*	1	1130	139	0.	*	1	1745	214	249.	*	2	0000	289	21.
1	0520	65	0.	*	1	1135	140	4.	*	1	1750	215	237.	*	2	0005	290	21.
1	0525	66	0.	*	1	1140	141	8.	*	1	1755	216	226.	*	2	0010	29	20.
1	0530	67	0.	*	1	1145	142	11.	*	1	1800	217	217.	*	2	0015	292	20.
1	0535	68	0.	*	1	1150	143	23.	*	1	1805	218	209.	*	2	0020	293	20.
1	0540	69	0.	*	1	1155	144	40.	*	1	1810	219	202.	*	2	0025	294	20.
1	0545	70	0.	*	1	1200	145	61.	*	1	1815	220	195.	*	2	0030	295	20.
1	0550	71	0.	*	1	1205	146	73.	*	1	1820	221	186.	*	2	0035	296	20.
1	0555	72	0.	*	1	1210	147	99.	*	1	1825	222	178.	*	2	0040	297	20.
1	0600	73	0.	*	1	1215	148	135.	*	1	1830	223	169.	*	2	0045	298	19.
1	0605	74	0.	*	1	1220	149	175.	*	1	1835	224	160.	*	2	0050	299	19.
1	0610	75	0.	*	1	1225	150	206.	*	1	1840	225	151.	*	2	0055	300	19.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1437.	14.25		613.	171.	165.	165.
		(INCHES)	.958	1.068	1.068	1.068
		(AC-FT)	304.	339.	339.	339.

CUMULATIVE AREA = 5.95 SQ MI

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HYDROGRAPH AT CP138
TRANSPOSITION AREA 100.0 SQ MI

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DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW	*	DA MON HRMN	ORD	FLOW
			*				*				*			

1	0000	1	0.	*	1	0615	76	0.	*	1	1230	151	226.	*	1	1845	226	142.
1	0005	2	0.	*	1	0620	77	0.	*	1	1235	152	251.	*	1	1850	227	134.
1	0010	3	0.	*	1	0625	78	0.	*	1	1240	153	273.	*	1	1855	228	127.
1	0015	4	0.	*	1	0630	79	0.	*	1	1245	154	296.	*	1	1900	229	120.
1	0020	5	0.	*	1	0635	80	0.	*	1	1250	155	324.	*	1	1905	230	114.
1	0025	6	0.	*	1	0640	81	0.	*	1	1255	156	359.	*	1	1910	231	109.
1	0030	7	0.	*	1	0645	82	0.	*	1	1300	157	399.	*	1	1915	232	105.
1	0035	8	0.	*	1	0650	83	0.	*	1	1305	158	442.	*	1	1920	233	101.
1	0040	9	0.	*	1	0655	84	0.	*	1	1310	159	487.	*	1	1925	234	97.
1	0045	10	0.	*	1	0700	85	0.	*	1	1315	160	536.	*	1	1930	235	94.
1	0050	11	0.	*	1	0705	86	0.	*	1	1320	161	563.	*	1	1935	236	92.
1	0055	12	0.	*	1	0710	87	0.	*	1	1325	162	560.	*	1	1940	237	90.
1	0100	13	0.	*	1	0715	88	0.	*	1	1330	163	533.	*	1	1945	238	88.
1	0105	14	0.	*	1	0720	89	0.	*	1	1335	164	515.	*	1	1950	239	87.
1	0110	15	0.	*	1	0725	90	0.	*	1	1340	165	514.	*	1	1955	240	85.
1	0115	16	0.	*	1	0730	91	0.	*	1	1345	166	579.	*	1	2000	241	83.
1	0120	17	0.	*	1	0735	92	0.	*	1	1350	167	771.	*	1	2005	242	81.
1	0125	18	0.	*	1	0740	93	0.	*	1	1355	168	1025.	*	1	2010	243	78.
1	0130	19	0.	*	1	0745	94	0.	*	1	1400	169	1213.	*	1	2015	244	76.
1	0135	20	0.	*	1	0750	95	0.	*	1	1405	170	1325.	*	1	2020	245	73.
1	0140	21	0.	*	1	0755	96	0.	*	1	1410	171	1378.	*	1	2025	246	71.
1	0145	22	0.	*	1	0800	97	0.	*	1	1415	172	1395.	*	1	2030	247	68.
1	0150	23	0.	*	1	0805	98	0.	*	1	1420	173	1384.	*	1	2035	248	66.
1	0155	24	0.	*	1	0810	99	0.	*	1	1425	174	1349.	*	1	2040	249	63.
1	0200	25	0.	*	1	0815	100	0.	*	1	1430	175	1296.	*	1	2045	250	60.
1	0205	26	0.	*	1	0820	101	0.	*	1	1435	176	1233.	*	1	2050	251	58.
1	0210	27	0.	*	1	0825	102	0.	*	1	1440	177	1170.	*	1	2055	252	56.
1	0215	28	0.	*	1	0830	103	0.	*	1	1445	178	1105.	*	1	2100	253	53.
1	0220	29	0.	*	1	0835	104	0.	*	1	1450	179	1045.	*	1	2105	254	51.
1	0225	30	0.	*	1	0840	105	0.	*	1	1455	180	984.	*	1	2110	255	49.
1	0230	31	0.	*	1	0845	106	0.	*	1	1500	181	927.	*	1	2115	256	47.
1	0235	32	0.	*	1	0850	107	0.	*	1	1505	182	884.	*	1	2120	257	45.
1	0240	33	0.	*	1	0855	108	0.	*	1	1510	183	877.	*	1	2125	258	43.
1	0245	34	0.	*	1	0900	109	0.	*	1	1515	184	873.	*	1	2130	259	42.
1	0250	35	0.	*	1	0905	110	0.	*	1	1520	185	834.	*	1	2135	260	40.
1	0255	36	0.	*	1	0910	111	0.	*	1	1525	186	779.	*	1	2140	261	38.
1	0300	37	0.	*	1	0915	112	0.	*	1	1530	187	725.	*	1	2145	262	37.
1	0305	38	0.	*	1	0920	113	0.	*	1	1535	188	684.	*	1	2150	263	35.
1	0310	39	0.	*	1	0925	114	0.	*	1	1540	189	646.	*	1	2155	264	34.
1	0315	40	0.	*	1	0930	115	0.	*	1	1545	190	608.	*	1	2200	265	32.
1	0320	41	0.	*	1	0935	116	0.	*	1	1550	191	575.	*	1	2205	266	31.
1	0325	42	0.	*	1	0940	117	0.	*	1	1555	192	549.	*	1	2210	267	30.
1	0330	43	0.	*	1	0945	118	0.	*	1	1600	193	531.	*	1	2215	268	29.
1	0335	44	0.	*	1	0950	119	0.	*	1	1605	194	522.	*	1	2220	269	28.
1	0340	45	0.	*	1	0955	120	0.	*	1	1610	195	517.	*	1	2225	270	27.
1	0345	46	0.	*	1	1000	121	0.	*	1	1615	196	513.	*	1	2230	271	26.
1	0350	47	0.	*	1	1005	122	0.	*	1	1620	197	507.	*	1	2235	272	25.
1	0355	48	0.	*	1	1010	123	0.	*	1	1625	198	498.	*	1	2240	273	24.
1	0400	49	0.	*	1	1015	124	0.	*	1	1630	199	482.	*	1	2245	274	24.
1	0405	50	0.	*	1	1020	125	0.	*	1	1635	200	462.	*	1	2250	275	23.
1	0410	51	0.	*	1	1025	126	0.	*	1	1640	201	440.	*	1	2255	276	23.
1	0415	52	0.	*	1	1030	127	0.	*	1	1645	202	421.	*	1	2300	277	22.
1	0420	53	0.	*	1	1035	128	0.	*	1	1650	203	404.	*	1	2305	278	22.
1	0425	54	0.	*	1	1040	129	0.	*	1	1655	204	389.	*	1	2310	279	22.
1	0430	55	0.	*	1	1045	130	0.	*	1	1700	205	376.	*	1	2315	280	22.
1	0435	56	0.	*	1	1050	131	0.	*	1	1705	206	361.	*	1	2320	281	21.
1	0440	57	0.	*	1	1055	132	0.	*	1	1710	207	346.	*	1	2325	282	21.
1	0445	58	0.	*	1	1100	133	0.	*	1	1715	208	331.	*	1	2330	283	21.
1	0450	59	0.	*	1	1105	134	0.	*	1	1720	209	317.	*	1	2335	284	21.
1	0455	60	0.	*	1	1110	135	0.	*	1	1725	210	302.	*	1	2340	285	21.
1	0500	61	0.	*	1	1115	136	0.	*	1	1730	211	288.	*	1	2345	286	21.
1	0505	62	0.	*	1	1120	137	0.	*	1	1735	212	274.	*	1	2350	287	21.

1	0510	63	0.	*	1	1125	138	0.	*	1	1740	213	260.	*	1	2355	288	21.
1	0515	64	0.	*	1	1130	139	0.	*	1	1745	214	247.	*	2	0000	289	21.
1	0520	65	0.	*	1	1135	140	4.	*	1	1750	215	235.	*	2	0005	290	21.
1	0525	66	0.	*	1	1140	141	7.	*	1	1755	216	224.	*	2	0010	291	20.
1	0530	67	0.	*	1	1145	142	11.	*	1	1800	217	215.	*	2	0015	292	20.
	0535	68	0.	*	1	1150	143	22.	*	1	1805	218	208.	*	2	0020	293	20.
1	0540	69	0.	*	1	1155	144	39.	*	1	1810	219	201.	*	2	0025	294	20.
1	0545	70	0.	*	1	1200	145	59.	*	1	1815	220	193.	*	2	0030	295	20.
1	0550	71	0.	*	1	1205	146	71.	*	1	1820	221	185.	*	2	0035	296	20.
1	0555	72	0.	*	1	1210	147	97.	*	1	1825	222	176.	*	2	0040	297	20.
1	0600	73	0.	*	1	1215	148	132.	*	1	1830	223	167.	*	2	0045	298	19.
1	0605	74	0.	*	1	1220	149	171.	*	1	1835	224	158.	*	2	0050	299	19.
1	0610	75	0.	*	1	1225	150	201.	*	1	1840	225	150.	*	2	0055	300	19.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1395.	14.25		596.	166.	160.	160.
		(INCHES)	.932	1.040	1.040	1.040
		(AC-FT)	296.	330.	330.	330.

CUMULATIVE AREA = 5.95 SQ MI

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HYDROGRAPH AT CP138
TRANSPOSITION AREA 200.0 SQ MI

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	0.	*	1		1230	151	221.	*	1		1845	226	140.
1		0005	2	0.	*	1		0620	77	0.	*	1		1235	152	245.	*	1		1850	227	133.
1		0010	3	0.	*	1		0625	78	0.	*	1		1240	153	267.	*	1		1855	228	126.
1		0015	4	0.	*	1		0630	79	0.	*	1		1245	154	290.	*	1		1900	229	119.
1		0020	5	0.	*	1		0635	80	0.	*	1		1250	155	317.	*	1		1905	230	114.
1		0025	6	0.	*	1		0640	81	0.	*	1		1255	156	351.	*	1		1910	231	109.
1		0030	7	0.	*	1		0645	82	0.	*	1		1300	157	391.	*	1		1915	232	104.
1		0035	8	0.	*	1		0650	83	0.	*	1		1305	158	432.	*	1		1920	233	100.
1		0040	9	0.	*	1		0655	84	0.	*	1		1310	159	477.	*	1		1925	234	97.
1		0045	10	0.	*	1		0700	85	0.	*	1		1315	160	525.	*	1		1930	235	94.
1		0050	11	0.	*	1		0705	86	0.	*	1		1320	161	551.	*	1		1935	236	92.
1		0055	12	0.	*	1		0710	87	0.	*	1		1325	162	548.	*	1		1940	237	90.
1		0100	13	0.	*	1		0715	88	0.	*	1		1330	163	520.	*	1		1945	238	88.
1		0105	14	0.	*	1		0720	89	0.	*	1		1335	164	501.	*	1		1950	239	87.
1		0110	15	0.	*	1		0725	90	0.	*	1		1340	165	498.	*	1		1955	240	85.
1		0115	16	0.	*	1		0730	91	0.	*	1		1345	166	550.	*	1		2000	241	83.
1		0120	17	0.	*	1		0735	92	0.	*	1		1350	167	726.	*	1		2005	242	80.
1		0125	18	0.	*	1		0740	93	0.	*	1		1355	168	974.	*	1		2010	243	78.
1		0130	19	0.	*	1		0745	94	0.	*	1		1400	169	1169.	*	1		2015	244	76.
1		0135	20	0.	*	1		0750	95	0.	*	1		1405	170	1286.	*	1		2020	245	73.
1		0140	21	0.	*	1		0755	96	0.	*	1		1410	171	1343.	*	1		2025	246	70.
1		0145	22	0.	*	1		0800	97	0.	*	1		1415	172	1361.	*	1		2030	247	68.
1		0150	23	0.	*	1		0805	98	0.	*	1		1420	173	1351.	*	1		2035	248	65.
1		0155	24	0.	*	1		0810	99	0.	*	1		1425	174	1318.	*	1		2040	249	63.
1		0200	25	0.	*	1		0815	100	0.	*	1		1430	175	1268.	*	1		2045	250	60.
1		0205	26	0.	*	1		0820	101	0.	*	1		1435	176	1208.	*	1		2050	251	58.

1	0210	27	0.	*	1	0825	102	0.	*	1	1440	177	1147.	*	1	2055	252	55.
1	0215	28	0.	*	1	0830	103	0.	*	1	1445	178	1084.	*	1	2100	253	53.
1	0220	29	0.	*	1	0835	104	0.	*	1	1450	179	1025.	*	1	2105	254	51.
1	0225	30	0.	*	1	0840	105	0.	*	1	1455	180	966.	*	1	2110	255	49.
1	0230	31	0.	*	1	0845	106	0.	*	1	1500	181	910.	*	1	2115	256	47.
	0235	32	0.	*	1	0850	107	0.	*	1	1505	182	861.	*	1	2120	257	45.
1	0240	33	0.	*	1	0855	108	0.	*	1	1510	183	838.	*	1	2125	258	43.
1	0245	34	0.	*	1	0900	109	0.	*	1	1515	184	836.	*	1	2130	259	41.
1	0250	35	0.	*	1	0905	110	0.	*	1	1520	185	810.	*	1	2135	260	40.
1	0255	36	0.	*	1	0910	111	0.	*	1	1525	186	763.	*	1	2140	261	38.
1	0300	37	0.	*	1	0915	112	0.	*	1	1530	187	713.	*	1	2145	262	36.
1	0305	38	0.	*	1	0920	113	0.	*	1	1535	188	674.	*	1	2150	263	35.
1	0310	39	0.	*	1	0925	114	0.	*	1	1540	189	635.	*	1	2155	264	34.
1	0315	40	0.	*	1	0930	115	0.	*	1	1545	190	596.	*	1	2200	265	32.
1	0320	41	0.	*	1	0935	116	0.	*	1	1550	191	563.	*	1	2205	266	31.
1	0325	42	0.	*	1	0940	117	0.	*	1	1555	192	536.	*	1	2210	267	30.
1	0330	43	0.	*	1	0945	118	0.	*	1	1600	193	518.	*	1	2215	268	29.
1	0335	44	0.	*	1	0950	119	0.	*	1	1605	194	507.	*	1	2220	269	28.
1	0340	45	0.	*	1	0955	120	0.	*	1	1610	195	502.	*	1	2225	270	27.
1	0345	46	0.	*	1	1000	121	0.	*	1	1615	196	497.	*	1	2230	271	26.
1	0350	47	0.	*	1	1005	122	0.	*	1	1620	197	493.	*	1	2235	272	25.
1	0355	48	0.	*	1	1010	123	0.	*	1	1625	198	485.	*	1	2240	273	24.
1	0400	49	0.	*	1	1015	124	0.	*	1	1630	199	470.	*	1	2245	274	24.
1	0405	50	0.	*	1	1020	125	0.	*	1	1635	200	453.	*	1	2250	275	23.
1	0410	51	0.	*	1	1025	126	0.	*	1	1640	201	432.	*	1	2255	276	23.
1	0415	52	0.	*	1	1030	127	0.	*	1	1645	202	415.	*	1	2300	277	22.
1	0420	53	0.	*	1	1035	128	0.	*	1	1650	203	399.	*	1	2305	278	22.
1	0425	54	0.	*	1	1040	129	0.	*	1	1655	204	385.	*	1	2310	279	22.
1	0430	55	0.	*	1	1045	130	0.	*	1	1700	205	372.	*	1	2315	280	22.
1	0435	56	0.	*	1	1050	131	0.	*	1	1705	206	358.	*	1	2320	281	21.
1	0440	57	0.	*	1	1055	132	0.	*	1	1710	207	343.	*	1	2325	282	21.
1	0445	58	0.	*	1	1100	133	0.	*	1	1715	208	328.	*	1	2330	283	21.
1	0450	59	0.	*	1	1105	134	0.	*	1	1720	209	314.	*	1	2335	284	21.
1	0455	60	0.	*	1	1110	135	0.	*	1	1725	210	299.	*	1	2340	285	21.
1	0500	61	0.	*	1	1115	136	0.	*	1	1730	211	285.	*	1	2345	286	21.
1	0505	62	0.	*	1	1120	137	0.	*	1	1735	212	271.	*	1	2350	287	21.
1	0510	63	0.	*	1	1125	138	0.	*	1	1740	213	257.	*	1	2355	288	21.
1	0515	64	0.	*	1	1130	139	0.	*	1	1745	214	244.	*	2	0000	289	21.
1	0520	65	0.	*	1	1135	140	4.	*	1	1750	215	232.	*	2	0005	290	21.
1	0525	66	0.	*	1	1140	141	7.	*	1	1755	216	222.	*	2	0010	291	20.
1	0530	67	0.	*	1	1145	142	11.	*	1	1800	217	213.	*	2	0015	292	20.
1	0535	68	0.	*	1	1150	143	22.	*	1	1805	218	207.	*	2	0020	293	20.
1	0540	69	0.	*	1	1155	144	38.	*	1	1810	219	200.	*	2	0025	294	20.
1	0545	70	0.	*	1	1200	145	58.	*	1	1815	220	192.	*	2	0030	295	20.
1	0550	71	0.	*	1	1205	146	69.	*	1	1820	221	183.	*	2	0035	296	20.
1	0555	72	0.	*	1	1210	147	95.	*	1	1825	222	175.	*	2	0040	297	19.
1	0600	73	0.	*	1	1215	148	129.	*	1	1830	223	166.	*	2	0045	298	19.
1	0605	74	0.	*	1	1220	149	167.	*	1	1835	224	157.	*	2	0050	299	19.
1	0610	75	0.	*	1	1225	150	197.	*	1	1840	225	148.	*	2	0055	300	19.
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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
1361.	14.25		582.	163.	157.	157.
		(INCHES)	.909	1.017	1.017	1.017
		(AC-FT)	289.	323.	323.	323.

CUMULATIVE AREA = 5.95 SQ MI

INTERPOLATED HYDROGRAPH AT CP138

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	0.	1		1230	151	244.	1		1845	226	146.
1		0005	2	0.	1		0620	77	0.	1		1235	152	271.	1		1850	227	138.
1		0010	3	0.	1		0625	78	0.	1		1240	153	296.	1		1855	228	131.
1		0015	4	0.	1		0630	79	0.	1		1245	154	321.	1		1900	229	124.
1		0020	5	0.	1		0635	80	0.	1		1250	155	352.	1		1905	230	118.
1		0025	6	0.	1		0640	81	0.	1		1255	156	389.	1		1910	231	112.
1		0030	7	0.	1		0645	82	0.	1		1300	157	433.	1		1915	232	107.
1		0035	8	0.	1		0650	83	0.	1		1305	158	479.	1		1920	233	103.
1		0040	9	0.	1		0655	84	0.	1		1310	159	528.	1		1925	234	99.
1		0045	10	0.	1		0700	85	0.	1		1315	160	580.	1		1930	235	96.
1		0050	11	0.	1		0705	86	0.	1		1320	161	611.	1		1935	236	93.
1		0055	12	0.	1		0710	87	0.	1		1325	162	610.	1		1940	237	91.
1		0100	13	0.	1		0715	88	0.	1		1330	163	588.	1		1945	238	89.
1		0105	14	0.	1		0720	89	0.	1		1335	164	571.	1		1950	239	88.
1		0110	15	0.	1		0725	90	0.	1		1340	165	585.	1		1955	240	86.
1		0115	16	0.	1		0730	91	0.	1		1345	166	704.	1		2000	241	84.
1		0120	17	0.	1		0735	92	0.	1		1350	167	960.	1		2005	242	82.
1		0125	18	0.	1		0740	93	0.	1		1355	168	1212.	1		2010	243	80.
1		0130	19	0.	1		0745	94	0.	1		1400	169	1381.	1		2015	244	77.
1		0135	20	0.	1		0750	95	0.	1		1405	170	1476.	1		2020	245	75.
1		0140	21	0.	1		0755	96	0.	1		1410	171	1527.	1		2025	246	72.
1		0145	22	0.	1		0800	97	0.	1		1415	172	1540.	1		2030	247	70.
1		0150	23	0.	1		0805	98	0.	1		1420	173	1514.	1		2035	248	67.
1		0155	24	0.	1		0810	99	0.	1		1425	174	1462.	1		2040	249	64.
1		0200	25	0.	1		0815	100	0.	1		1430	175	1393.	1		2045	250	62.
1		0205	26	0.	1		0820	101	0.	1		1435	176	1320.	1		2050	251	59.
1		0210	27	0.	1		0825	102	0.	1		1440	177	1254.	1		2055	252	57.
1		0215	28	0.	1		0830	103	0.	1		1445	178	1186.	1		2100	253	55.
1		0220	29	0.	1		0835	104	0.	1		1450	179	1123.	1		2105	254	52.
1		0225	30	0.	1		0840	105	0.	1		1455	180	1062.	1		2110	255	50.
1		0230	31	0.	1		0845	106	0.	1		1500	181	1029.	1		2115	256	48.
1		0235	32	0.	1		0850	107	0.	1		1505	182	1028.	1		2120	257	46.
1		0240	33	0.	1		0855	108	0.	1		1510	183	1014.	1		2125	258	44.
1		0245	34	0.	1		0900	109	0.	1		1515	184	970.	1		2130	259	43.
1		0250	35	0.	1		0905	110	0.	1		1520	185	906.	1		2135	260	41.
1		0255	36	0.	1		0910	111	0.	1		1525	186	839.	1		2140	261	39.
1		0300	37	0.	1		0915	112	0.	1		1530	187	776.	1		2145	262	38.
1		0305	38	0.	1		0920	113	0.	1		1535	188	728.	1		2150	263	36.
1		0310	39	0.	1		0925	114	0.	1		1540	189	688.	1		2155	264	35.
1		0315	40	0.	1		0930	115	0.	1		1545	190	654.	1		2200	265	33.
1		0320	41	0.	1		0935	116	0.	1		1550	191	625.	1		2205	266	32.
1		0325	42	0.	1		0940	117	0.	1		1555	192	602.	1		2210	267	31.
1		0330	43	0.	1		0945	118	0.	1		1600	193	588.	1		2215	268	29.
1		0335	44	0.	1		0950	119	0.	1		1605	194	580.	1		2220	269	28.
1		0340	45	0.	1		0955	120	0.	1		1610	195	575.	1		2225	270	27.
1		0345	46	0.	1		1000	121	0.	1		1615	196	569.	1		2230	271	26.
1		0350	47	0.	1		1005	122	0.	1		1620	197	559.	1		2235	272	25.
1		0355	48	0.	1		1010	123	0.	1		1625	198	545.	1		2240	273	25.
1		0400	49	0.	1		1015	124	0.	1		1630	199	523.	1		2245	274	24.
1		0405	50	0.	1		1020	125	0.	1		1635	200	497.	1		2250	275	23.
1		0410	51	0.	1		1025	126	0.	1		1640	201	469.	1		2255	276	23.
1		0415	52	0.	1		1030	127	0.	1		1645	202	445.	1		2300	277	23.
1		0420	53	0.	1		1035	128	0.	1		1650	203	422.	1		2305	278	22.

1	0425	54	0.	*	1	1040	129	0.	*	1	1655	204	403.	*	1	2310	279	22.
1	0430	55	0.	*	1	1045	130	0.	*	1	1700	205	388.	*	1	2315	280	22.
1	0435	56	0.	*	1	1050	131	0.	*	1	1705	206	374.	*	1	2320	281	22.
1	0440	57	0.	*	1	1055	132	0.	*	1	1710	207	359.	*	1	2325	282	21.
1	0445	58	0.	*	1	1100	133	0.	*	1	1715	208	344.	*	1	2330	283	21.
	0450	59	0.	*	1	1105	134	0.	*	1	1720	209	328.	*	1	2335	284	21.
1	0455	60	0.	*	1	1110	135	0.	*	1	1725	210	313.	*	1	2340	285	21.
1	0500	61	0.	*	1	1115	136	0.	*	1	1730	211	298.	*	1	2345	286	21.
1	0505	62	0.	*	1	1120	137	0.	*	1	1735	212	284.	*	1	2350	287	21.
1	0510	63	0.	*	1	1125	138	0.	*	1	1740	213	269.	*	1	2355	288	21.
1	0515	64	0.	*	1	1130	139	0.	*	1	1745	214	255.	*	2	0000	289	21.
1	0520	65	0.	*	1	1135	140	4.	*	1	1750	215	242.	*	2	0005	290	21.
1	0525	66	0.	*	1	1140	141	8.	*	1	1755	216	231.	*	2	0010	291	21.
1	0530	67	0.	*	1	1145	142	12.	*	1	1800	217	220.	*	2	0015	292	20.
1	0535	68	0.	*	1	1150	143	25.	*	1	1805	218	212.	*	2	0020	293	20.
1	0540	69	0.	*	1	1155	144	43.	*	1	1810	219	205.	*	2	0025	294	20.
1	0545	70	0.	*	1	1200	145	65.	*	1	1815	220	198.	*	2	0030	295	20.
1	0550	71	0.	*	1	1205	146	77.	*	1	1820	221	190.	*	2	0035	296	20.
1	0555	72	0.	*	1	1210	147	105.	*	1	1825	222	181.	*	2	0040	297	20.
1	0600	73	0.	*	1	1215	148	143.	*	1	1830	223	172.	*	2	0045	298	19.
1	0605	74	0.	*	1	1220	149	185.	*	1	1835	224	163.	*	2	0050	299	19.
1	0610	75	0.	*	1	1225	150	217.	*	1	1840	225	155.	*	2	0055	300	19.
				*					*					*				

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
+ 1540.	14.25		652.	181.	174.	174.
		(INCHES)	1.019	1.131	1.131	1.131
		(AC-FT)	323.	359.	359.	359.

CUMULATIVE AREA = 5.95 SQ MI

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          *             *
5441 KK   *    SR194B   *
          *             *
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5445 KO        OUTPUT CONTROL VARIABLES
                    IPRNT          3  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL         0.  HYDROGRAPH PLOT SCALE

             HYDROGRAPH ROUTING DATA

 322 RL        ROUTING LOSSES
                    QLOSS        .00  INITIAL LOSS
                    CLOSS        .00  ADDITIONAL FRACTION LOST

5446 RS        STORAGE ROUTING
                    NSTPS          1  NUMBER OF SUBREACHES
                     ITYP       STOR  TYPE OF INITIAL CONDITION
                   RSVRIC        .00  INITIAL CONDITION
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X .00 WORKING R AND D COEFFICIENT

5447 SV	STORAGE	.0	1.5	6.3	20.1	46.2	88.3	142.9	202.9	264.9	328.9
		394.8	462.7	532.5	604.3	677.4	751.1				
54[illegible] SQ	DISCHARGE	0.	27.	80.	133.	187.	240.	294.	349.	403.	458.
		512.	567.	600.	600.	1244.	4435.				
5451 SE	ELEVATION	1089.50	1090.00	1091.00	1092.00	1093.00	1094.00	1095.00	1096.00	1097.00	1098.00
		1099.00	1100.00	1101.00	1102.00	1103.00	1104.00				

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HYDROGRAPH AT STATION SR194B
TRANSPOSITION AREA .0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 514.	17.33		487.	215.	207.	207.
		(INCHES)	.512	.902	.902	.902
		(AC-FT)	242.	426.	426.	426.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
397.	17.33	365.	145.	140.	140.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1099.03	17.33	1098.54	1093.49	1093.34	1093.34

CUMULATIVE AREA = 8.85 SQ MI

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HYDROGRAPH AT STATION SR194B
TRANSPOSITION AREA 10.0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 509.	17.33		482.	213.	205.	205.
		(INCHES)	.507	.893	.893	.893
		(AC-FT)	239.	422.	422.	422.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
391.	17.33	359.	143.	138.	138.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1098.94	17.33	1098.45	1093.45	1093.31	1093.31

CUMULATIVE AREA = 8.85 SQ MI

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HYDROGRAPH AT STATION SR194B
TRANSPOSITION AREA 50.0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 489.	17.33		463.	204.	197.	197.
		(INCHES)	.487	.858	.858	.858
		(AC-FT)	230.	405.	405.	405.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
367.	17.33	336.	133.	128.	128.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1098.57	17.33	1098.10	1093.30	1093.16	1093.16

CUMULATIVE AREA = 8.85 SQ MI

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HYDROGRAPH AT STATION SR194B
TRANSPOSITION AREA 100.0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 480.	17.33		455.	201.	193.	193.
		(INCHES)	.478	.843	.843	.843
		(AC-FT)	226.	398.	398.	398.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
356.	17.33	326.	129.	124.	124.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
(FEET)	(HR)				
1098.42	17.33	1097.94	1093.23	1093.09	1093.09

CUMULATIVE AREA = 8.85 SQ MI

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HYDROGRAPH AT STATION SR194B
TRANSPOSITION AREA 200.0 SQ MI

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR

```
+   (CFS)       (HR)
                          (CFS)
+     473.      17.33                448.        197.        190.        190.
                        (INCHES)     .470        .830        .830        .830
                         (AC-FT)     222.        392.        392.        392.

 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                     6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)      (HR)
      347.      17.33                317.        125.        121.        121.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                     6-HR       24-HR       72-HR     24.92-HR
+   (FEET)      (HR)
   1098.28      17.33             1097.81     1093.17     1093.04     1093.04

                        CUMULATIVE AREA =    8.85 SQ MI

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                        INTERPOLATED HYDROGRAPH AT   SR1948

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     509.      17.33                483.        213.        205.        205.
                        (INCHES)     .507        .894        .894        .894
                         (AC-FT)     239.        422.        422.        422.

                        CUMULATIVE AREA =    8.85 SQ MI


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            *            *
 7284 KK    *     SR225  *
            *            *
            **************

 7286 KO          OUTPUT CONTROL VARIABLES
                        IPRNT          3  PRINT CONTROL
                        IPLOT          0  PLOT CONTROL
                        QSCAL         0.  HYDROGRAPH PLOT SCALE

                HYDROGRAPH ROUTING DATA

  322 RL          ROUTING LOSSES
                        QLOSS        .00  INITIAL LOSS
                        CLOSS        .00  ADDITIONAL FRACTION LOST

 7287 RS          STORAGE ROUTING
                        NSTPS          1  NUMBER OF SUBREACHES
                         ITYP       STOR  TYPE OF INITIAL CONDITION
                       RSVRIC        .00  INITIAL CONDITION
                            X        .00 WORKING R AND D COEFFICIENT
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7288 SV	STORAGE	.0	.2	4.5	15.4	32.8	74.8	118.9	130.8	143.6	173.5
SQ	DISCHARGE	0.	2.	7.	15.	43.	82.	110.	116.	1359.	6554.
7290 SE	ELEVATION	1058.80	1059.00	1060.00	1061.00	1062.00	1064.00	1066.00	1066.50	1067.00	1068.00

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HYDROGRAPH AT STATION SR225
TRANSPOSITION AREA .0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 84.	13.42		81.	47.	45.	45.
		(INCHES)	.946	2.187	2.187	2.187
		(AC-FT)	40.	93.	93.	93.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
78.	13.42	74.	42.	41.	41.

: STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1064.16	13.42	1063.98	1062.19	1062.06	1062.06

CUMULATIVE AREA = .80 SQ MI

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HYDROGRAPH AT STATION SR225
TRANSPOSITION AREA 10.0 SQ MI

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 84.	13.42		81.	47.	45.	45.
		(INCHES)	.939	2.170	2.170	2.170
		(AC-FT)	40.	93.	93.	93.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
77.	13.42	74.	42.	40.	40.

AK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1064.12	13.42	1063.95	1062.17	1062.04	1062.04

CUMULATIVE AREA = .80 SQ MI

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HYDROGRAPH AT STATION SR225
TRANSPOSITION AREA 50.0 SQ MI

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
81.	13.50		78.	45.	44.	44.
		(INCHES)	.907	2.101	2.101	2.101
		(AC-FT)	39.	90.	90.	90.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	24.92-HR
74.	13.50	71.	40.	39.	39.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
1063.95	13.50	1063.80	1062.08	1061.96	1061.96

CUMULATIVE AREA = .80 SQ MI

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HYDROGRAPH AT STATION SR225
TRANSPOSITION AREA 100.0 SQ MI

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
80.	13.50		77.	45.	43.	43.
		(INCHES)	.893	2.069	2.070	2.070
		(AC-FT)	38.	88.	88.	88.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	24.92-HR
72.	13.50	69.	39.	38.	38.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
1063.88	13.50	1063.73	1062.05	1061.93	1061.93

CUMULATIVE AREA = .80 SQ MI

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HYDROGRAPH AT STATION SR225
TRANSPOSITION AREA 200.0 SQ MI

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR

1	0110	15	0.	*	1	0725	90	2.	*	1	1340	165	670.	*	1	1955	240	23.
1	0115	16	0.	*	1	0730	91	2.	*	1	1345	166	569.	*	1	2000	241	23.
1	0120	17	1.	*	1	0735	92	2.	*	1	1350	167	484.	*	1	2005	242	23.
1	0125	18	1.	*	1	0740	93	2.	*	1	1355	168	416.	*	1	2010	243	22.
1	0130	19	1.	*	1	0745	94	2.	*	1	1400	169	352.	*	1	2015	244	22.
	0135	20	1.	*	1	0750	95	2.	*	1	1405	170	302.	*	1	2020	245	22.
1	0140	21	1.	*	1	0755	96	2.	*	1	1410	171	262.	*	1	2025	246	22.
1	0145	22	1.	*	1	0800	97	2.	*	1	1415	172	234.	*	1	2030	247	21.
1	0150	23	1.	*	1	0805	98	2.	*	1	1420	173	213.	*	1	2035	248	21.
1	0155	24	1.	*	1	0810	99	2.	*	1	1425	174	193.	*	1	2040	249	21.
1	0200	25	1.	*	1	0815	100	2.	*	1	1430	175	177.	*	1	2045	250	21.
1	0205	26	1.	*	1	0820	101	2.	*	1	1435	176	161.	*	1	2050	251	21.
1	0210	27	1.	*	1	0825	102	2.	*	1	1440	177	146.	*	1	2055	252	20.
1	0215	28	1.	*	1	0830	103	2.	*	1	1445	178	132.	*	1	2100	253	20.
1	0220	29	1.	*	1	0835	104	2.	*	1	1450	179	120.	*	1	2105	254	20.
1	0225	30	1.	*	1	0840	105	2.	*	1	1455	180	109.	*	1	2110	255	20.
1	0230	31	1.	*	1	0845	106	2.	*	1	1500	181	100.	*	1	2115	256	20.
1	0235	32	1.	*	1	0850	107	2.	*	1	1505	182	92.	*	1	2120	257	19.
1	0240	33	1.	*	1	0855	108	2.	*	1	1510	183	86.	*	1	2125	258	19.
1	0245	34	1.	*	1	0900	109	2.	*	1	1515	184	82.	*	1	2130	259	19.
1	0250	35	1.	*	1	0905	110	2.	*	1	1520	185	79.	*	1	2135	260	19.
1	0255	36	1.	*	1	0910	111	2.	*	1	1525	186	76.	*	1	2140	261	19.
1	0300	37	1.	*	1	0915	112	2.	*	1	1530	187	74.	*	1	2145	262	18.
1	0305	38	1.	*	1	0920	113	2.	*	1	1535	188	72.	*	1	2150	263	18.
1	0310	39	1.	*	1	0925	114	2.	*	1	1540	189	70.	*	1	2155	264	18.
1	0315	40	1.	*	1	0930	115	2.	*	1	1545	190	68.	*	1	2200	265	18.
1	0320	41	1.	*	1	0935	116	2.	*	1	1550	191	66.	*	1	2205	266	18.
1	0325	42	1.	*	1	0940	117	2.	*	1	1555	192	63.	*	1	2210	267	17.
1	0330	43	1.	*	1	0945	118	2.	*	1	1600	193	61.	*	1	2215	268	17.
1	0335	44	1.	*	1	0950	119	2.	*	1	1605	194	58.	*	1	2220	269	17.
1	0340	45	1.	*	1	0955	120	3.	*	1	1610	195	56.	*	1	2225	270	17.
	0345	46	1.	*	1	1000	121	3.	*	1	1615	196	54.	*	1	2230	271	17.
1	0350	47	1.	*	1	1005	122	3.	*	1	1620	197	52.	*	1	2235	272	16.
1	0355	48	1.	*	1	1010	123	3.	*	1	1625	198	50.	*	1	2240	273	16.
1	0400	49	1.	*	1	1015	124	3.	*	1	1630	199	48.	*	1	2245	274	16.
1	0405	50	1.	*	1	1020	125	3.	*	1	1635	200	47.	*	1	2250	275	16.
1	0410	51	1.	*	1	1025	126	3.	*	1	1640	201	45.	*	1	2255	276	16.
1	0415	52	1.	*	1	1030	127	3.	*	1	1645	202	44.	*	1	2300	277	16.
1	0420	53	1.	*	1	1035	128	3.	*	1	1650	203	42.	*	1	2305	278	16.
1	0425	54	1.	*	1	1040	129	3.	*	1	1655	204	41.	*	1	2310	279	16.
1	0430	55	1.	*	1	1045	130	3.	*	1	1700	205	40.	*	1	2315	280	15.
1	0435	56	1.	*	1	1050	131	3.	*	1	1705	206	39.	*	1	2320	281	15.
1	0440	57	1.	*	1	1055	132	3.	*	1	1710	207	38.	*	1	2325	282	15.
1	0445	58	1.	*	1	1100	133	3.	*	1	1715	208	37.	*	1	2330	283	15.
1	0450	59	1.	*	1	1105	134	3.	*	1	1720	209	36.	*	1	2335	284	15.
1	0455	60	1.	*	1	1110	135	4.	*	1	1725	210	36.	*	1	2340	285	15.
1	0500	61	1.	*	1	1115	136	4.	*	1	1730	211	35.	*	1	2345	286	15.
1	0505	62	1.	*	1	1120	137	4.	*	1	1735	212	34.	*	1	2350	287	15.
1	0510	63	1.	*	1	1125	138	4.	*	1	1740	213	34.	*	1	2355	288	15.
1	0515	64	1.	*	1	1130	139	4.	*	1	1745	214	33.	*	2	0000	289	15.
	0520	65	1.	*	1	1135	140	8.	*	1	1750	215	33.	*	2	0005	290	15.
	0525	66	1.	*	1	1140	141	13.	*	1	1755	216	32.	*	2	0010	291	15.
	0530	67	1.	*	1	1145	142	27.	*	1	1800	217	32.	*	2	0015	292	15.
	0535	68	1.	*	1	1150	143	68.	*	1	1805	218	31.	*	2	0020	293	15.
	0540	69	1.	*	1	1155	144	124.	*	1	1810	219	31.	*	2	0025	294	15.
	0545	70	1.	*	1	1200	145	240.	*	1	1815	220	30.	*	2	0030	295	15.
	0550	71	1.	*	1	1205	146	377.	*	1	1820	221	30.	*	2	0035	296	15.
	0555	72	1.	*	1	1210	147	568.	*	1	1825	222	29.	*	2	0040	297	15.
	0600	73	1.	*	1	1215	148	812.	*	1	1830	223	29.	*	2	0045	298	14.
	0605	74	1.	*	1	1220	149	1128.	*	1	1835	224	29.	*	2	0050	299	14.
	0610	75	1.	*	1	1225	150	1819.	*	1	1840	225	28.	*	2	0055	300	14.
				*					*					*				

PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
+ 3285.	12.50		592.	155.	149.	149.
		(INCHES)	3.240	3.394	3.394	3.394
		(AC-FT)	294.	308.	308.	308.

CUMULATIVE AREA = 1.70 SQ MI

INTERPOLATED HYDROGRAPH AT RB42

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	2.	1		1230	151	3472.	1		1845	226	30.
1		0005	2	0.	1		0620	77	2.	1		1235	152	3431.	1		1850	227	30.
1		0010	3	0.	1		0625	78	2.	1		1240	153	3200.	1		1855	228	29.
1		0015	4	0.	1		0630	79	2.	1		1245	154	2972.	1		1900	229	29.
1		0020	5	0.	1		0635	80	2.	1		1250	155	2780.	1		1905	230	29.
1		0025	6	0.	1		0640	81	2.	1		1255	156	2607.	1		1910	231	28.
1		0030	7	0.	1		0645	82	2.	1		1300	157	2448.	1		1915	232	28.
1		0035	8	0.	1		0650	83	2.	1		1305	158	2323.	1		1920	233	27.
1		0040	9	0.	1		0655	84	2.	1		1310	159	2236.	1		1925	234	27.
1		0045	10	0.	1		0700	85	2.	1		1315	160	2112.	1		1930	235	27.
1		0050	11	0.	1		0705	86	2.	1		1320	161	1681.	1		1935	236	26.
1		0055	12	0.	1		0710	87	2.	1		1325	162	1333.	1		1940	237	26.
1		0100	13	0.	1		0715	88	2.	1		1330	163	1059.	1		1945	238	26.
1		0105	14	0.	1		0720	89	2.	1		1335	164	860.	1		1950	239	25.
1		0110	15	0.	1		0725	90	2.	1		1340	165	717.	1		1955	240	25.
1		0115	16	0.	1		0730	91	2.	1		1345	166	609.	1		2000	241	25.
1		0120	17	1.	1		0735	92	2.	1		1350	167	514.	1		2005	242	24.
1		0125	18	1.	1		0740	93	2.	1		1355	168	440.	1		2010	243	24.
1		0130	19	1.	1		0745	94	2.	1		1400	169	373.	1		2015	244	24.
1		0135	20	1.	1		0750	95	2.	1		1405	170	320.	1		2020	245	24.
1		0140	21	1.	1		0755	96	2.	1		1410	171	277.	1		2025	246	23.
1		0145	22	1.	1		0800	97	2.	1		1415	172	243.	1		2030	247	23.
1		0150	23	1.	1		0805	98	2.	1		1420	173	222.	1		2035	248	23.
1		0155	24	1.	1		0810	99	2.	1		1425	174	202.	1		2040	249	23.
1		0200	25	1.	1		0815	100	2.	1		1430	175	184.	1		2045	250	22.
1		0205	26	1.	1		0820	101	2.	1		1435	176	168.	1		2050	251	22.
1		0210	27	1.	1		0825	102	2.	1		1440	177	153.	1		2055	252	22.
1		0215	28	1.	1		0830	103	2.	1		1445	178	139.	1		2100	253	22.
1		0220	29	1.	1		0835	104	2.	1		1450	179	126.	1		2105	254	22.
1		0225	30	1.	1		0840	105	2.	1		1455	180	115.	1		2110	255	21.
1		0230	31	1.	1		0845	106	2.	1		1500	181	105.	1		2115	256	21.
1		0235	32	1.	1		0850	107	2.	1		1505	182	97.	1		2120	257	21.
1		0240	33	1.	1		0855	108	2.	1		1510	183	90.	1		2125	258	21.
1		0245	34	1.	1		0900	109	2.	1		1515	184	85.	1		2130	259	21.
1		0250	35	1.	1		0905	110	2.	1		1520	185	81.	1		2135	260	20.
1		0255	36	1.	1		0910	111	2.	1		1525	186	78.	1		2140	261	20.
1		0300	37	1.	1		0915	112	2.	1		1530	187	76.	1		2145	262	20.
1		0305	38	1.	1		0920	113	2.	1		1535	188	74.	1		2150	263	20.
1		0310	39	1.	1		0925	114	2.	1		1540	189	72.	1		2155	264	19.
1		0315	40	1.	1		0930	115	2.	1		1545	190	70.	1		2200	265	19.
1		0320	41	1.	1		0935	116	3.	1		1550	191	68.	1		2205	266	19.

1	0325	42	1.	*	1	0940	117	3.	*	1	1555	192	66.	*	1	2210	267	19.
1	0330	43	1.	*	1	0945	118	3.	*	1	1600	193	63.	*	1	2215	268	18.
1	0335	44	1.	*	1	0950	119	3.	*	1	1605	194	61.	*	1	2220	269	18.
1	0340	45	1.	*	1	0955	120	3.	*	1	1610	195	59.	*	1	2225	270	18.
1	0345	46	1.	*	1	1000	121	3.	*	1	1615	196	57.	*	1	2230	271	18.
	0350	47	1.	*	1	1005	122	3.	*	1	1620	197	55.	*	1	2235	272	18.
1	0355	48	1.	*	1	1010	123	3.	*	1	1625	198	53.	*	1	2240	273	18.
1	0400	49	1.	*	1	1015	124	3.	*	1	1630	199	51.	*	1	2245	274	17.
1	0405	50	1.	*	1	1020	125	3.	*	1	1635	200	50.	*	1	2250	275	17.
1	0410	51	1.	*	1	1025	126	3.	*	1	1640	201	48.	*	1	2255	276	17.
1	0415	52	1.	*	1	1030	127	3.	*	1	1645	202	47.	*	1	2300	277	17.
1	0420	53	1.	*	1	1035	128	3.	*	1	1650	203	45.	*	1	2305	278	17.
1	0425	54	1.	*	1	1040	129	3.	*	1	1655	204	44.	*	1	2310	279	17.
1	0430	55	1.	*	1	1045	130	3.	*	1	1700	205	43.	*	1	2315	280	17.
1	0435	56	1.	*	1	1050	131	3.	*	1	1705	206	42.	*	1	2320	281	17.
1	0440	57	1.	*	1	1055	132	4.	*	1	1710	207	41.	*	1	2325	282	16.
1	0445	58	1.	*	1	1100	133	4.	*	1	1715	208	40.	*	1	2330	283	16.
1	0450	59	1.	*	1	1105	134	4.	*	1	1720	209	39.	*	1	2335	284	16.
1	0455	60	1.	*	1	1110	135	4.	*	1	1725	210	38.	*	1	2340	285	16.
1	0500	61	1.	*	1	1115	136	4.	*	1	1730	211	37.	*	1	2345	286	16.
1	0505	62	1.	*	1	1120	137	4.	*	1	1735	212	37.	*	1	2350	287	16.
1	0510	63	1.	*	1	1125	138	4.	*	1	1740	213	36.	*	1	2355	288	16.
1	0515	64	1.	*	1	1130	139	5.	*	1	1745	214	35.	*	2	0000	289	16.
1	0520	65	1.	*	1	1135	140	10.	*	1	1750	215	35.	*	2	0005	290	16.
1	0525	66	2.	*	1	1140	141	17.	*	1	1755	216	34.	*	2	0010	291	16.
1	0530	67	2.	*	1	1145	142	36.	*	1	1800	217	34.	*	2	0015	292	16.
1	0535	68	2.	*	1	1150	143	87.	*	1	1805	218	33.	*	2	0020	293	16.
1	0540	69	2.	*	1	1155	144	155.	*	1	1810	219	33.	*	2	0025	294	16.
1	0545	70	2.	*	1	1200	145	290.	*	1	1815	220	32.	*	2	0030	295	16.
1	0550	71	2.	*	1	1205	146	453.	*	1	1820	221	32.	*	2	0035	296	16.
1	0555	72	2.	*	1	1210	147	697.	*	1	1825	222	32.	*	2	0040	297	16.
	0600	73	2.	*	1	1215	148	990.	*	1	1830	223	31.	*	2	0045	298	16.
1	0605	74	2.	*	1	1220	149	1445.	*	1	1835	224	31.	*	2	0050	299	16.
1	0610	75	2.	*	1	1225	150	2614.	*	1	1840	225	30.	*	2	0055	300	15.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 3472.	12.50		639.	167.	161.	161.
		(INCHES)	3.496	3.662	3.662	3.662
		(AC-FT)	317.	332.	332.	332.

CUMULATIVE AREA = 1.70 SQ MI

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          *            *
721 KK    *   SRRB42   *
          *            *
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723 KO OUTPUT CONTROL VARIABLES

IPRNT 1 PRINT CONTROL

IPLOT 0 PLOT CONTROL

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                QSCAL          0.  HYDROGRAPH PLOT SCALE

          HYDROGRAPH ROUTING DATA

  2 RL        ROUTING LOSSES
                QLOSS        .00  INITIAL LOSS
                CLOSS        .00  ADDITIONAL FRACTION LOST

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

725 SV          STORAGE        .0       .1      10.4      41.6      69.9      77.3      94.2     113.7     134.7     160.8

726 SQ        DISCHARGE        0.        0.        0.        0.        0.        0.        0.        0.        0.        0.

727 SE        ELEVATION   1071.50   1072.00   1080.00   1090.00   1095.00   1096.00   1098.00   1100.00   1102.00   1104.00

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HYDROGRAPH AT SRRB42
TRANSPOSITION AREA .0 SQ MI

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE *	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE *	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1071.5 *	1		0820	101	0.	.8	1072.6 *	1		1640	201	0.	317.9	1116.0
1		0005	2	0.	.0	1071.5 *	1		0825	102	0.	.8	1072.6 *	1		1645	202	0.	318.2	1116.1
1		0010	3	0.	.0	1071.5 *	1		0830	103	0.	.9	1072.6 *	1		1650	203	0.	318.5	1116.1
1		0015	4	0.	.0	1071.5 *	1		0835	104	0.	.9	1072.6 *	1		1655	204	0.	318.8	1116.1
1		0020	5	0.	.0	1071.5 *	1		0840	105	0.	.9	1072.6 *	1		1700	205	0.	319.1	1116.1
1		0025	6	0.	.0	1071.5 *	1		0845	106	0.	.9	1072.6 *	1		1705	206	0.	319.4	1116.2
1		0030	7	0.	.0	1071.5 *	1		0850	107	0.	.9	1072.6 *	1		1710	207	0.	319.7	1116.2
1		0035	8	0.	.0	1071.5 *	1		0855	108	0.	.9	1072.6 *	1		1715	208	0.	320.0	1116.2
1		0040	9	0.	.0	1071.5 *	1		0900	109	0.	.9	1072.6 *	1		1720	209	0.	320.2	1116.2
1		0045	10	0.	.0	1071.5 *	1		0905	110	0.	1.0	1072.7 *	1		1725	210	0.	320.5	1116.2
1		0050	11	0.	.0	1071.5 *	1		0910	111	0.	1.0	1072.7 *	1		1730	211	0.	320.8	1116.3
1		0055	12	0.	.0	1071.5 *	1		0915	112	0.	1.0	1072.7 *	1		1735	212	0.	321.0	1116.3
1		0100	13	0.	.0	1071.5 *	1		0920	113	0.	1.0	1072.7 *	1		1740	213	0.	321.3	1116.3
1		0105	14	0.	.0	1071.5 *	1		0925	114	0.	1.0	1072.7 *	1		1745	214	0.	321.5	1116.3
1		0110	15	0.	.0	1071.5 *	1		0930	115	0.	1.0	1072.7 *	1		1750	215	0.	321.8	1116.3
1		0115	16	0.	.0	1071.6 *	1		0935	116	0.	1.1	1072.7 *	1		1755	216	0.	322.0	1116.4
1		0120	17	0.	.0	1071.6 *	1		0940	117	0.	1.1	1072.8 *	1		1800	217	0.	322.2	1116.4
1		0125	18	0.	.0	1071.6 *	1		0945	118	0.	1.1	1072.8 *	1		1805	218	0.	322.5	1116.4
1		0130	19	0.	.0	1071.6 *	1		0950	119	0.	1.1	1072.8 *	1		1810	219	0.	322.7	1116.4
1		0135	20	0.	.0	1071.6 *	1		0955	120	0.	1.1	1072.8 *	1		1815	220	0.	322.9	1116.4
1		0140	21	0.	.0	1071.7 *	1		1000	121	0.	1.2	1072.8 *	1		1820	221	0.	323.2	1116.5
1		0145	22	0.	.0	1071.7 *	1		1005	122	0.	1.2	1072.8 *	1		1825	222	0.	323.4	1116.5
		0150	23	0.	.0	1071.7 *	1		1010	123	0.	1.2	1072.8 *	1		1830	223	0.	323.6	1116.5
		0155	24	0.	.1	1071.7 *	1		1015	124	0.	1.2	1072.9 *	1		1835	224	0.	323.8	1116.5
1		0200	25	0.	.1	1071.8 *	1		1020	125	0.	1.2	1072.9 *	1		1840	225	0.	324.0	1116.5
1		0205	26	0.	.1	1071.8 *	1		1025	126	0.	1.3	1072.9 *	1		1845	226	0.	324.2	1116.5
1		0210	27	0.	.1	1071.8 *	1		1030	127	0.	1.3	1072.9 *	1		1850	227	0.	324.4	1116.6
1		0215	28	0.	.1	1071.9 *	1		1035	128	0.	1.3	1072.9 *	1		1855	228	0.	324.6	1116.6

1	0220	29	0.	.1	1071.9	*	1	1040	129	0.	1.3	1072.9	*	1	1900	229	0.	324.8	1116.6
1	0225	30	0.	.1	1071.9	*	1	1045	130	0.	1.3	1073.0	*	1	1905	230	0.	325.0	1116.6
1	0230	31	0.	.1	1072.0	*	1	1050	131	0.	1.4	1073.0	*	1	1910	231	0.	325.2	1116.6
1	0235	32	0.	.1	1072.0	*	1	1055	132	0.	1.4	1073.0	*	1	1915	232	0.	325.4	1116.6
	0240	33	0.	.1	1072.0	*	1	1100	133	0.	1.4	1073.0	*	1	1920	233	0.	325.6	1116.6
	0245	34	0.	.1	1072.0	*	1	1105	134	0.	1.4	1073.0	*	1	1925	234	0.	325.8	1116.7
	0250	35	0.	.1	1072.0	*	1	1110	135	0.	1.5	1073.1	*	1	1930	235	0.	326.0	1116.7
1	0255	36	0.	.1	1072.0	*	1	1115	136	0.	1.5	1073.1	*	1	1935	236	0.	326.2	1116.7
1	0300	37	0.	.2	1072.0	*	1	1120	137	0.	1.5	1073.1	*	1	1940	237	0.	326.4	1116.7
1	0305	38	0.	.2	1072.0	*	1	1125	138	0.	1.6	1073.1	*	1	1945	238	0.	326.5	1116.7
1	0310	39	0.	.2	1072.0	*	1	1130	139	0.	1.6	1073.1	*	1	1950	239	0.	326.7	1116.7
1	0315	40	0.	.2	1072.1	*	1	1135	140	0.	1.6	1073.2	*	1	1955	240	0.	326.9	1116.7
1	0320	41	0.	.2	1072.1	*	1	1140	141	0.	1.7	1073.3	*	1	2000	241	0.	327.1	1116.8
1	0325	42	0.	.2	1072.1	*	1	1145	142	0.	1.9	1073.4	*	1	2005	242	0.	327.2	1116.8
1	0330	43	0.	.2	1072.1	*	1	1150	143	0.	2.4	1073.7	*	1	2010	243	0.	327.4	1116.8
1	0335	44	0.	.2	1072.1	*	1	1155	144	0.	3.2	1074.4	*	1	2015	244	0.	327.6	1116.8
1	0340	45	0.	.2	1072.1	*	1	1200	145	0.	4.8	1075.6	*	1	2020	245	0.	327.7	1116.8
1	0345	46	0.	.2	1072.1	*	1	1205	146	0.	7.4	1077.6	*	1	2025	246	0.	327.9	1116.8
1	0350	47	0.	.2	1072.1	*	1	1210	147	0.	11.4	1080.3	*	1	2030	247	0.	328.1	1116.8
1	0355	48	0.	.2	1072.1	*	1	1215	148	0.	17.3	1082.2	*	1	2035	248	0.	328.2	1116.8
1	0400	49	0.	.3	1072.1	*	1	1220	149	0.	25.9	1085.0	*	1	2040	249	0.	328.4	1116.9
1	0405	50	0.	.3	1072.1	*	1	1225	150	0.	40.4	1089.6	*	1	2045	250	0.	328.5	1116.9
1	0410	51	0.	.3	1072.1	*	1	1230	151	0.	61.7	1093.6	*	1	2050	251	0.	328.7	1116.9
1	0415	52	0.	.3	1072.1	*	1	1235	152	0.	85.6	1097.0	*	1	2055	252	0.	328.9	1116.9
1	0420	53	0.	.3	1072.1	*	1	1240	153	0.	108.6	1099.5	*	1	2100	253	0.	329.0	1116.9
1	0425	54	0.	.3	1072.1	*	1	1245	154	0.	129.9	1101.5	*	1	2105	254	0.	329.2	1116.9
1	0430	55	0.	.3	1072.2	*	1	1250	155	0.	149.8	1103.2	*	1	2110	255	0.	329.3	1116.9
1	0435	56	0.	.3	1072.2	*	1	1255	156	0.	168.4	1104.6	*	1	2115	256	0.	329.5	1116.9
1	0440	57	0.	.3	1072.2	*	1	1300	157	0.	185.9	1105.9	*	1	2120	257	0.	329.6	1116.9
1	0445	58	0.	.3	1072.2	*	1	1305	158	0.	202.3	1107.2	*	1	2125	258	0.	329.7	1117.0
	0450	59	0.	.3	1072.2	*	1	1310	159	0.	218.0	1108.4	*	1	2130	259	0.	329.9	1117.0
	0455	60	0.	.4	1072.2	*	1	1315	160	0.	233.1	1109.5	*	1	2135	260	0.	330.0	1117.0
1	0500	61	0.	.4	1072.2	*	1	1320	161	0.	246.3	1110.6	*	1	2140	261	0.	330.2	1117.0
1	0505	62	0.	.4	1072.2	*	1	1325	162	0.	256.7	1111.4	*	1	2145	262	0.	330.3	1117.0
1	0510	63	0.	.4	1072.2	*	1	1330	163	0.	265.0	1112.0	*	1	2150	263	0.	330.4	1117.0
1	0515	64	0.	.4	1072.2	*	1	1335	164	0.	271.7	1112.5	*	1	2155	264	0.	330.6	1117.0
1	0520	65	0.	.4	1072.2	*	1	1340	165	0.	277.2	1112.9	*	1	2200	265	0.	330.7	1117.0
1	0525	66	0.	.4	1072.2	*	1	1345	166	0.	281.8	1113.3	*	1	2205	266	0.	330.8	1117.0
1	0530	67	0.	.4	1072.2	*	1	1350	167	0.	285.6	1113.6	*	1	2210	267	0.	331.0	1117.1
1	0535	68	0.	.4	1072.3	*	1	1355	168	0.	289.0	1113.8	*	1	2215	268	0.	331.1	1117.1
1	0540	69	0.	.4	1072.3	*	1	1400	169	0.	291.8	1114.0	*	1	2220	269	0.	331.2	1117.1
1	0545	70	0.	.5	1072.3	*	1	1405	170	0.	294.2	1114.2	*	1	2225	270	0.	331.4	1117.1
1	0550	71	0.	.5	1072.3	*	1	1410	171	0.	296.2	1114.4	*	1	2230	271	0.	331.5	1117.1
1	0555	72	0.	.5	1072.3	*	1	1415	172	0.	298.0	1114.5	*	1	2235	272	0.	331.6	1117.1
1	0600	73	0.	.5	1072.3	*	1	1420	173	0.	299.6	1114.6	*	1	2240	273	0.	331.7	1117.1
1	0605	74	0.	.5	1072.3	*	1	1425	174	0.	301.1	1114.8	*	1	2245	274	0.	331.9	1117.1
1	0610	75	0.	.5	1072.3	*	1	1430	175	0.	302.4	1114.9	*	1	2250	275	0.	332.0	1117.1
1	0615	76	0.	.5	1072.3	*	1	1435	176	0.	303.7	1115.0	*	1	2255	276	0.	332.1	1117.1
1	0620	77	0.	.5	1072.3	*	1	1440	177	0.	304.8	1115.0	*	1	2300	277	0.	332.2	1117.1
1	0625	78	0.	.5	1072.3	*	1	1445	178	0.	305.8	1115.1	*	1	2305	278	0.	332.3	1117.2
	0630	79	0.	.6	1072.3	*	1	1450	179	0.	306.7	1115.2	*	1	2310	279	0.	332.4	1117.2
	0635	80	0.	.6	1072.4	*	1	1455	180	0.	307.5	1115.3	*	1	2315	280	0.	332.6	1117.2
	0640	81	0.	.6	1072.4	*	1	1500	181	0.	308.3	1115.3	*	1	2320	281	0.	332.7	1117.2
	0645	82	0.	.6	1072.4	*	1	1505	182	0.	309.0	1115.4	*	1	2325	282	0.	332.8	1117.2
	0650	83	0.	.6	1072.4	*	1	1510	183	0.	309.6	1115.4	*	1	2330	283	0.	332.9	1117.2
	0655	84	0.	.6	1072.4	*	1	1515	184	0.	310.2	1115.5	*	1	2335	284	0.	333.0	1117.2
	0700	85	0.	.6	1072.4	*	1	1520	185	0.	310.8	1115.5	*	1	2340	285	0.	333.1	1117.2
	0705	86	0.	.6	1072.4	*	1	1525	186	0.	311.4	1115.5	*	1	2345	286	0.	333.2	1117.2
	0710	87	0.	.6	1072.4	*	1	1530	187	0.	311.9	1115.6	*	1	2350	287	0.	333.4	1117.2
	0715	88	0.	.7	1072.4	*	1	1535	188	0.	312.4	1115.6	*	1	2355	288	0.	333.5	1117.2
	0720	89	0.	.7	1072.4	*	1	1540	189	0.	312.9	1115.7	*	2	0000	289	0.	333.6	1117.3
	0725	90	0.	.7	1072.4	*	1	1545	190	0.	313.4	1115.7	*	2	0005	290	0.	333.7	1117.3

1	0730	91	0.	.7	1072.5	*	1	1550	191	0.	313.9	1115.7	*	2	0010	291	0.	333.8	1117.3
1	0735	92	0.	.7	1072.5	*	1	1555	192	0.	314.4	1115.8	*	2	0015	292	0.	333.9	1117.3
1	0740	93	0.	.7	1072.5	*	1	1600	193	0.	314.8	1115.8	*	2	0020	293	0.	334.0	1117.3
1	0745	94	0.	.7	1072.5	*	1	1605	194	0.	315.2	1115.8	*	2	0025	294	0.	334.1	1117.3
	0750	95	0.	.8	1072.5	*	1	1610	195	0.	315.7	1115.9	*	2	0030	295	0.	334.2	1117.3
	0755	96	0.	.8	1072.5	*	1	1615	196	0.	316.1	1115.9	*	2	0035	296	0.	334.3	1117.3
	0800	97	0.	.8	1072.5	*	1	1620	197	0.	316.4	1115.9	*	2	0040	297	0.	334.5	1117.3
1	0805	98	0.	.8	1072.5	*	1	1625	198	0.	316.8	1116.0	*	2	0045	298	0.	334.6	1117.3
1	0810	99	0.	.8	1072.5	*	1	1630	199	0.	317.2	1116.0	*	2	0050	299	0.	334.7	1117.3
1	0815	100	0.	.8	1072.5	*	1	1635	200	0.	317.5	1116.0	*	2	0055	300	0.	334.8	1117.3
						*							*						

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PEAK FLOW (CFS)	TIME (HR)		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)				
0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	24.92-HR
335.	24.92	330.	161.	155.	155.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
1117.34	24.92	1117.00	1094.88	1094.02	1094.02

CUMULATIVE AREA = 1.70 SQ MI

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HYDROGRAPH AT SRRB42
TRANSPOSITION AREA 10.0 SQ MI

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1071.5	*	1		0820	101	0.	.8	1072.6	*	1		1640	201	0.	314.6	1115.8
1		0005	2	0.	.0	1071.5	*	1		0825	102	0.	.8	1072.6	*	1		1645	202	0.	315.0	1115.8
1		0010	3	0.	.0	1071.5	*	1		0830	103	0.	.9	1072.6	*	1		1650	203	0.	315.3	1115.8
1		0015	4	0.	.0	1071.5	*	1		0835	104	0.	.9	1072.6	*	1		1655	204	0.	315.6	1115.9
1		0020	5	0.	.0	1071.5	*	1		0840	105	0.	.9	1072.6	*	1		1700	205	0.	315.9	1115.9
1		0025	6	0.	.0	1071.5	*	1		0845	106	0.	.9	1072.6	*	1		1705	206	0.	316.2	1115.9
1		0030	7	0.	.0	1071.5	*	1		0850	107	0.	.9	1072.6	*	1		1710	207	0.	316.4	1115.9
1		0035	8	0.	.0	1071.5	*	1		0855	108	0.	.9	1072.6	*	1		1715	208	0.	316.7	1116.0
1		0040	9	0.	.0	1071.5	*	1		0900	109	0.	.9	1072.6	*	1		1720	209	0.	317.0	1116.0
1		0045	10	0.	.0	1071.5	*	1		0905	110	0.	1.0	1072.7	*	1		1725	210	0.	317.3	1116.0
1		0050	11	0.	.0	1071.5	*	1		0910	111	0.	1.0	1072.7	*	1		1730	211	0.	317.5	1116.0
1		0055	12	0.	.0	1071.5	*	1		0915	112	0.	1.0	1072.7	*	1		1735	212	0.	317.8	1116.0
1		0100	13	0.	.0	1071.5	*	1		0920	113	0.	1.0	1072.7	*	1		1740	213	0.	318.0	1116.1
		0105	14	0.	.0	1071.5	*	1		0925	114	0.	1.0	1072.7	*	1		1745	214	0.	318.3	1116.1
		0110	15	0.	.0	1071.5	*	1		0930	115	0.	1.0	1072.7	*	1		1750	215	0.	318.5	1116.1
1		0115	16	0.	.0	1071.6	*	1		0935	116	0.	1.0	1072.7	*	1		1755	216	0.	318.7	1116.1
1		0120	17	0.	.0	1071.6	*	1		0940	117	0.	1.1	1072.7	*	1		1800	217	0.	319.0	1116.1
1		0125	18	0.	.0	1071.6	*	1		0945	118	0.	1.1	1072.8	*	1		1805	218	0.	319.2	1116.1
1		0130	19	0.	.0	1071.6	*	1		0950	119	0.	1.1	1072.8	*	1		1810	219	0.	319.4	1116.2

1	0135	20	0.	.0	1071.6	*	1	0955	120	0.	1.1	1072.8	*	1	1815	220	0.	319.7	1116.2
1	0140	21	0.	.0	1071.7	*	1	1000	121	0.	1.1	1072.8	*	1	1820	221	0.	319.9	1116.2
1	0145	22	0.	.0	1071.7	*	1	1005	122	0.	1.2	1072.8	*	1	1825	222	0.	320.1	1116.2
1	0150	23	0.	.0	1071.7	*	1	1010	123	0.	1.2	1072.8	*	1	1830	223	0.	320.3	1116.2
	0155	24	0.	.1	1071.7	*	1	1015	124	0.	1.2	1072.8	*	1	1835	224	0.	320.5	1116.3
	0200	25	0.	.1	1071.8	*	1	1020	125	0.	1.2	1072.9	*	1	1840	225	0.	320.7	1116.3
	0205	26	0.	.1	1071.8	*	1	1025	126	0.	1.2	1072.9	*	1	1845	226	0.	320.9	1116.3
1	0210	27	0.	.1	1071.8	*	1	1030	127	0.	1.3	1072.9	*	1	1850	227	0.	321.2	1116.3
1	0215	28	0.	.1	1071.9	*	1	1035	128	0.	1.3	1072.9	*	1	1855	228	0.	321.4	1116.3
1	0220	29	0.	.1	1071.9	*	1	1040	129	0.	1.3	1072.9	*	1	1900	229	0.	321.6	1116.3
1	0225	30	0.	.1	1071.9	*	1	1045	130	0.	1.3	1072.9	*	1	1905	230	0.	321.8	1116.3
1	0230	31	0.	.1	1072.0	*	1	1050	131	0.	1.4	1073.0	*	1	1910	231	0.	321.9	1116.4
1	0235	32	0.	.1	1072.0	*	1	1055	132	0.	1.4	1073.0	*	1	1915	232	0.	322.1	1116.4
1	0240	33	0.	.1	1072.0	*	1	1100	133	0.	1.4	1073.0	*	1	1920	233	0.	322.3	1116.4
1	0245	34	0.	.1	1072.0	*	1	1105	134	0.	1.4	1073.0	*	1	1925	234	0.	322.5	1116.4
1	0250	35	0.	.1	1072.0	*	1	1110	135	0.	1.5	1073.0	*	1	1930	235	0.	322.7	1116.4
1	0255	36	0.	.1	1072.0	*	1	1115	136	0.	1.5	1073.1	*	1	1935	236	0.	322.9	1116.4
1	0300	37	0.	.2	1072.0	*	1	1120	137	0.	1.5	1073.1	*	1	1940	237	0.	323.1	1116.4
1	0305	38	0.	.2	1072.0	*	1	1125	138	0.	1.5	1073.1	*	1	1945	238	0.	323.2	1116.5
1	0310	39	0.	.2	1072.0	*	1	1130	139	0.	1.6	1073.1	*	1	1950	239	0.	323.4	1116.5
1	0315	40	0.	.2	1072.1	*	1	1135	140	0.	1.6	1073.2	*	1	1955	240	0.	323.6	1116.5
1	0320	41	0.	.2	1072.1	*	1	1140	141	0.	1.7	1073.2	*	1	2000	241	0.	323.8	1116.5
1	0325	42	0.	.2	1072.1	*	1	1145	142	0.	1.9	1073.4	*	1	2005	242	0.	323.9	1116.5
1	0330	43	0.	.2	1072.1	*	1	1150	143	0.	2.3	1073.7	*	1	2010	243	0.	324.1	1116.5
1	0335	44	0.	.2	1072.1	*	1	1155	144	0.	3.1	1074.4	*	1	2015	244	0.	324.3	1116.5
1	0340	45	0.	.2	1072.1	*	1	1200	145	0.	4.7	1075.5	*	1	2020	245	0.	324.4	1116.5
1	0345	46	0.	.2	1072.1	*	1	1205	146	0.	7.2	1077.5	*	1	2025	246	0.	324.6	1116.6
1	0350	47	0.	.2	1072.1	*	1	1210	147	0.	11.2	1080.2	*	1	2030	247	0.	324.7	1116.6
1	0355	48	0.	.2	1072.1	*	1	1215	148	0.	16.9	1082.1	*	1	2035	248	0.	324.9	1116.6
1	0400	49	0.	.3	1072.1	*	1	1220	149	0.	25.3	1084.8	*	1	2040	249	0.	325.1	1116.6
1	0405	50	0.	.3	1072.1	*	1	1225	150	0.	39.1	1089.2	*	1	2045	250	0.	325.2	1116.6
	0410	51	0.	.3	1072.1	*	1	1230	151	0.	60.0	1093.3	*	1	2050	251	0.	325.4	1116.6
.	0415	52	0.	.3	1072.1	*	1	1235	152	0.	83.7	1096.8	*	1	2055	252	0.	325.5	1116.6
1	0420	53	0.	.3	1072.1	*	1	1240	153	0.	106.6	1099.3	*	1	2100	253	0.	325.7	1116.6
1	0425	54	0.	.3	1072.1	*	1	1245	154	0.	127.8	1101.3	*	1	2105	254	0.	325.8	1116.7
1	0430	55	0.	.3	1072.2	*	1	1250	155	0.	147.6	1103.0	*	1	2110	255	0.	326.0	1116.7
1	0435	56	0.	.3	1072.2	*	1	1255	156	0.	166.1	1104.4	*	1	2115	256	0.	326.1	1116.7
1	0440	57	0.	.3	1072.2	*	1	1300	157	0.	183.5	1105.7	*	1	2120	257	0.	326.3	1116.7
1	0445	58	0.	.3	1072.2	*	1	1305	158	0.	199.9	1107.0	*	1	2125	258	0.	326.4	1116.7
1	0450	59	0.	.3	1072.2	*	1	1310	159	0.	215.6	1108.2	*	1	2130	259	0.	326.5	1116.7
1	0455	60	0.	.3	1072.2	*	1	1315	160	0.	230.6	1109.4	*	1	2135	260	0.	326.7	1116.7
1	0500	61	0.	.4	1072.2	*	1	1320	161	0.	243.6	1110.4	*	1	2140	261	0.	326.8	1116.7
1	0505	62	0.	.4	1072.2	*	1	1325	162	0.	254.0	1111.1	*	1	2145	262	0.	327.0	1116.7
1	0510	63	0.	.4	1072.2	*	1	1330	163	0.	262.2	1111.8	*	1	2150	263	0.	327.1	1116.8
1	0515	64	0.	.4	1072.2	*	1	1335	164	0.	268.8	1112.3	*	1	2155	264	0.	327.2	1116.8
1	0520	65	0.	.4	1072.2	*	1	1340	165	0.	274.2	1112.7	*	1	2200	265	0.	327.4	1116.8
1	0525	66	0.	.4	1072.2	*	1	1345	166	0.	278.8	1113.0	*	1	2205	266	0.	327.5	1116.8
1	0530	67	0.	.4	1072.2	*	1	1350	167	0.	282.6	1113.3	*	1	2210	267	0.	327.6	1116.8
1	0535	68	0.	.4	1072.2	*	1	1355	168	0.	285.9	1113.6	*	1	2215	268	0.	327.8	1116.8
1	0540	69	0.	.4	1072.3	*	1	1400	169	0.	288.7	1113.8	*	1	2220	269	0.	327.9	1116.8
	0545	70	0.	.5	1072.3	*	1	1405	170	0.	291.1	1114.0	*	1	2225	270	0.	328.0	1116.8
	0550	71	0.	.5	1072.3	*	1	1410	171	0.	293.1	1114.1	*	1	2230	271	0.	328.1	1116.8
	0555	72	0.	.5	1072.3	*	1	1415	172	0.	294.9	1114.3	*	1	2235	272	0.	328.3	1116.8
	0600	73	0.	.5	1072.3	*	1	1420	173	0.	296.5	1114.4	*	1	2240	273	0.	328.4	1116.9
	0605	74	0.	.5	1072.3	*	1	1425	174	0.	298.0	1114.5	*	1	2245	274	0.	328.5	1116.9
	0610	75	0.	.5	1072.3	*	1	1430	175	0.	299.3	1114.6	*	1	2250	275	0.	328.6	1116.9
	0615	76	0.	.5	1072.3	*	1	1435	176	0.	300.5	1114.7	*	1	2255	276	0.	328.7	1116.9
	0620	77	0.	.5	1072.3	*	1	1440	177	0.	301.6	1114.8	*	1	2300	277	0.	328.8	1116.9
	0625	78	0.	.5	1072.3	*	1	1445	178	0.	302.6	1114.9	*	1	2305	278	0.	329.0	1116.9
	0630	79	0.	.5	1072.3	*	1	1450	179	0.	303.5	1114.9	*	1	2310	279	0.	329.1	1116.9
	0635	80	0.	.6	1072.3	*	1	1455	180	0.	304.4	1115.0	*	1	2315	280	0.	329.2	1116.9
	0640	81	0.	.6	1072.4	*	1	1500	181	0.	305.1	1115.1	*	1	2320	281	0.	329.3	1116.9

1	0645	82	0.	.6	1072.4	*	1	1505	182	0.	305.8	1115.1	*	1	2325	282	0.	329.4	1116.9
1	0650	83	0.	.6	1072.4	*	1	1510	183	0.	306.5	1115.2	*	1	2330	283	0.	329.5	1116.9
1	0655	84	0.	.6	1072.4	*	1	1515	184	0.	307.1	1115.2	*	1	2335	284	0.	329.6	1116.9
1	0700	85	0.	.6	1072.4	*	1	1520	185	0.	307.6	1115.3	*	1	2340	285	0.	329.8	1117.0
	0705	86	0.	.6	1072.4	*	1	1525	186	0.	308.2	1115.3	*	1	2345	286	0.	329.9	1117.0
	0710	87	0.	.6	1072.4	*	1	1530	187	0.	308.7	1115.3	*	1	2350	287	0.	330.0	1117.0
	0715	88	0.	.7	1072.4	*	1	1535	188	0.	309.2	1115.4	*	1	2355	288	0.	330.1	1117.0
1	0720	89	0.	.7	1072.4	*	1	1540	189	0.	309.7	1115.4	*	2	0000	289	0.	330.2	1117.0
1	0725	90	0.	.7	1072.4	*	1	1545	190	0.	310.2	1115.5	*	2	0005	290	0.	330.3	1117.0
1	0730	91	0.	.7	1072.5	*	1	1550	191	0.	310.7	1115.5	*	2	0010	291	0.	330.4	1117.0
1	0735	92	0.	.7	1072.5	*	1	1555	192	0.	311.2	1115.5	*	2	0015	292	0.	330.5	1117.0
1	0740	93	0.	.7	1072.5	*	1	1600	193	0.	311.6	1115.6	*	2	0020	293	0.	330.6	1117.0
1	0745	94	0.	.7	1072.5	*	1	1605	194	0.	312.0	1115.6	*	2	0025	294	0.	330.7	1117.0
1	0750	95	0.	.7	1072.5	*	1	1610	195	0.	312.4	1115.6	*	2	0030	295	0.	330.9	1117.0
1	0755	96	0.	.8	1072.5	*	1	1615	196	0.	312.8	1115.7	*	2	0035	296	0.	331.0	1117.1
1	0800	97	0.	.8	1072.5	*	1	1620	197	0.	313.2	1115.7	*	2	0040	297	0.	331.1	1117.1
1	0805	98	0.	.8	1072.5	*	1	1625	198	0.	313.6	1115.7	*	2	0045	298	0.	331.2	1117.1
1	0810	99	0.	.8	1072.5	*	1	1630	199	0.	313.9	1115.7	*	2	0050	299	0.	331.3	1117.1
1	0815	100	0.	.8	1072.5	*	1	1635	200	0.	314.3	1115.8	*	2	0055	300	0.	331.4	1117.1
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
331.	24.92	327.	159.	154.	154.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
1117.08	24.92	1116.74	1094.75	1093.89	1093.89

CUMULATIVE AREA = 1.70 SQ MI

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HYDROGRAPH AT SRRB42
TRANSPOSITION AREA 50.0 SQ MI

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1		0000	1	0.	.0	1071.5	*	1		0820	101	0.	.8	1072.5	*	1		1640	201	0.	302.0	1114.8
1		0005	2	0.	.0	1071.5	*	1		0825	102	0.	.8	1072.5	*	1		1645	202	0.	302.3	1114.9
1		0010	3	0.	.0	1071.5	*	1		0830	103	0.	.8	1072.5	*	1		1650	203	0.	302.6	1114.9
1		0015	4	0.	.0	1071.5	*	1		0835	104	0.	.8	1072.6	*	1		1655	204	0.	302.9	1114.9
		0020	5	0.	.0	1071.5	*	1		0840	105	0.	.8	1072.6	*	1		1700	205	0.	303.2	1114.9
		0025	6	0.	.0	1071.5	*	1		0845	106	0.	.9	1072.6	*	1		1705	206	0.	303.4	1114.9
1		0030	7	0.	.0	1071.5	*	1		0850	107	0.	.9	1072.6	*	1		1710	207	0.	303.7	1115.0
1		0035	8	0.	.0	1071.5	*	1		0855	108	0.	.9	1072.6	*	1		1715	208	0.	304.0	1115.0
1		0040	9	0.	.0	1071.5	*	1		0900	109	0.	.9	1072.6	*	1		1720	209	0.	304.2	1115.0
1		0045	10	0.	.0	1071.5	*	1		0905	110	0.	.9	1072.6	*	1		1725	210	0.	304.5	1115.0

1	0050	11	0.	.0	1071.5	*	1	0910	111	0.	.9	1072.6	*	1	1730	211	0.	304.8	1115.0
1	0055	12	0.	.0	1071.5	*	1	0915	112	0.	.9	1072.6	*	1	1735	212	0.	305.0	1115.1
1	0100	13	0.	.0	1071.5	*	1	0920	113	0.	1.0	1072.7	*	1	1740	213	0.	305.2	1115.1
1	0105	14	0.	.0	1071.5	*	1	0925	114	0.	1.0	1072.7	*	1	1745	214	0.	305.5	1115.1
1	0110	15	0.	.0	1071.5	*	1	0930	115	0.	1.0	1072.7	*	1	1750	215	0.	305.7	1115.1
	0115	16	0.	.0	1071.6	*	1	0935	116	0.	1.0	1072.7	*	1	1755	216	0.	305.9	1115.1
1	0120	17	0.	.0	1071.6	*	1	0940	117	0.	1.0	1072.7	*	1	1800	217	0.	306.2	1115.1
1	0125	18	0.	.0	1071.6	*	1	0945	118	0.	1.0	1072.7	*	1	1805	218	0.	306.4	1115.2
1	0130	19	0.	.0	1071.6	*	1	0950	119	0.	1.1	1072.7	*	1	1810	219	0.	306.6	1115.2
1	0135	20	0.	.0	1071.6	*	1	0955	120	0.	1.1	1072.7	*	1	1815	220	0.	306.8	1115.2
1	0140	21	0.	.0	1071.7	*	1	1000	121	0.	1.1	1072.8	*	1	1820	221	0.	307.0	1115.2
1	0145	22	0.	.0	1071.7	*	1	1005	122	0.	1.1	1072.8	*	1	1825	222	0.	307.2	1115.2
1	0150	23	0.	.0	1071.7	*	1	1010	123	0.	1.1	1072.8	*	1	1830	223	0.	307.4	1115.2
1	0155	24	0.	.1	1071.7	*	1	1015	124	0.	1.2	1072.8	*	1	1835	224	0.	307.7	1115.3
1	0200	25	0.	.1	1071.8	*	1	1020	125	0.	1.2	1072.8	*	1	1840	225	0.	307.9	1115.3
1	0205	26	0.	.1	1071.8	*	1	1025	126	0.	1.2	1072.8	*	1	1845	226	0.	308.1	1115.3
1	0210	27	0.	.1	1071.8	*	1	1030	127	0.	1.2	1072.9	*	1	1850	227	0.	308.3	1115.3
1	0215	28	0.	.1	1071.9	*	1	1035	128	0.	1.2	1072.9	*	1	1855	228	0.	308.4	1115.3
1	0220	29	0.	.1	1071.9	*	1	1040	129	0.	1.3	1072.9	*	1	1900	229	0.	308.6	1115.3
1	0225	30	0.	.1	1071.9	*	1	1045	130	0.	1.3	1072.9	*	1	1905	230	0.	308.8	1115.4
1	0230	31	0.	.1	1072.0	*	1	1050	131	0.	1.3	1072.9	*	1	1910	231	0.	309.0	1115.4
1	0235	32	0.	.1	1072.0	*	1	1055	132	0.	1.3	1072.9	*	1	1915	232	0.	309.2	1115.4
1	0240	33	0.	.1	1072.0	*	1	1100	133	0.	1.3	1073.0	*	1	1920	233	0.	309.4	1115.4
1	0245	34	0.	.1	1072.0	*	1	1105	134	0.	1.4	1073.0	*	1	1925	234	0.	309.6	1115.4
1	0250	35	0.	.1	1072.0	*	1	1110	135	0.	1.4	1073.0	*	1	1930	235	0.	309.7	1115.4
1	0255	36	0.	.1	1072.0	*	1	1115	136	0.	1.4	1073.0	*	1	1935	236	0.	309.9	1115.4
1	0300	37	0.	.1	1072.0	*	1	1120	137	0.	1.4	1073.0	*	1	1940	237	0.	310.1	1115.5
1	0305	38	0.	.2	1072.0	*	1	1125	138	0.	1.5	1073.1	*	1	1945	238	0.	310.3	1115.5
1	0310	39	0.	.2	1072.0	*	1	1130	139	0.	1.5	1073.1	*	1	1950	239	0.	310.4	1115.5
1	0315	40	0.	.2	1072.0	*	1	1135	140	0.	1.6	1073.1	*	1	1955	240	0.	310.6	1115.5
1	0320	41	0.	.2	1072.1	*	1	1140	141	0.	1.6	1073.2	*	1	2000	241	0.	310.8	1115.5
	0325	42	0.	.2	1072.1	*	1	1145	142	0.	1.8	1073.3	*	1	2005	242	0.	310.9	1115.5
1	0330	43	0.	.2	1072.1	*	1	1150	143	0.	2.2	1073.6	*	1	2010	243	0.	311.1	1115.5
1	0335	44	0.	.2	1072.1	*	1	1155	144	0.	2.9	1074.2	*	1	2015	244	0.	311.2	1115.5
1	0340	45	0.	.2	1072.1	*	1	1200	145	0.	4.3	1075.2	*	1	2020	245	0.	311.4	1115.6
1	0345	46	0.	.2	1072.1	*	1	1205	146	0.	6.6	1077.0	*	1	2025	246	0.	311.6	1115.6
1	0350	47	0.	.2	1072.1	*	1	1210	147	0.	10.1	1079.8	*	1	2030	247	0.	311.7	1115.6
1	0355	48	0.	.2	1072.1	*	1	1215	148	0.	15.4	1081.6	*	1	2035	248	0.	311.9	1115.6
1	0400	49	0.	.2	1072.1	*	1	1220	149	0.	22.8	1083.9	*	1	2040	249	0.	312.0	1115.6
1	0405	50	0.	.3	1072.1	*	1	1225	150	0.	34.4	1087.7	*	1	2045	250	0.	312.2	1115.6
1	0410	51	0.	.3	1072.1	*	1	1230	151	0.	53.4	1092.1	*	1	2050	251	0.	312.3	1115.6
1	0415	52	0.	.3	1072.1	*	1	1235	152	0.	76.5	1095.9	*	1	2055	252	0.	312.5	1115.6
1	0420	53	0.	.3	1072.1	*	1	1240	153	0.	98.7	1098.5	*	1	2100	253	0.	312.6	1115.6
1	0425	54	0.	.3	1072.1	*	1	1245	154	0.	119.5	1100.6	*	1	2105	254	0.	312.7	1115.7
1	0430	55	0.	.3	1072.1	*	1	1250	155	0.	138.9	1102.3	*	1	2110	255	0.	312.9	1115.7
1	0435	56	0.	.3	1072.1	*	1	1255	156	0.	157.2	1103.7	*	1	2115	256	0.	313.0	1115.7
1	0440	57	0.	.3	1072.2	*	1	1300	157	0.	174.4	1105.0	*	1	2120	257	0.	313.2	1115.7
1	0445	58	0.	.3	1072.2	*	1	1305	158	0.	190.7	1106.3	*	1	2125	258	0.	313.3	1115.7
1	0450	59	0.	.3	1072.2	*	1	1310	159	0.	206.3	1107.5	*	1	2130	259	0.	313.4	1115.7
1	0455	60	0.	.3	1072.2	*	1	1315	160	0.	220.9	1108.6	*	1	2135	260	0.	313.6	1115.7
	0500	61	0.	.3	1072.2	*	1	1320	161	0.	233.3	1109.6	*	1	2140	261	0.	313.7	1115.7
	0505	62	0.	.4	1072.2	*	1	1325	162	0.	243.2	1110.3	*	1	2145	262	0.	313.8	1115.7
	0510	63	0.	.4	1072.2	*	1	1330	163	0.	251.1	1110.9	*	1	2150	263	0.	314.0	1115.7
	0515	64	0.	.4	1072.2	*	1	1335	164	0.	257.4	1111.4	*	1	2155	264	0.	314.1	1115.8
	0520	65	0.	.4	1072.2	*	1	1340	165	0.	262.6	1111.8	*	1	2200	265	0.	314.2	1115.8
	0525	66	0.	.4	1072.2	*	1	1345	166	0.	267.0	1112.1	*	1	2205	266	0.	314.4	1115.8
	0530	67	0.	.4	1072.2	*	1	1350	167	0.	270.8	1112.4	*	1	2210	267	0.	314.5	1115.8
	0535	68	0.	.4	1072.2	*	1	1355	168	0.	273.9	1112.7	*	1	2215	268	0.	314.6	1115.8
	0540	69	0.	.4	1072.2	*	1	1400	169	0.	276.6	1112.9	*	1	2220	269	0.	314.7	1115.8
	0545	70	0.	.4	1072.3	*	1	1405	170	0.	279.0	1113.1	*	1	2225	270	0.	314.8	1115.8
	0550	71	0.	.4	1072.3	*	1	1410	171	0.	280.9	1113.2	*	1	2230	271	0.	315.0	1115.8
	0555	72	0.	.5	1072.3	*	1	1415	172	0.	282.7	1113.3	*	1	2235	272	0.	315.1	1115.8

1	0600	73	0.	.5	1072.3	*	1	1420	173	0.	284.3	1113.5	*	1	2240	273	0.	315.2	1115.8
1	0605	74	0.	.5	1072.3	*	1	1425	174	0.	285.7	1113.6	*	1	2245	274	0.	315.3	1115.9
1	0610	75	0.	.5	1072.3	*	1	1430	175	0.	287.0	1113.7	*	1	2250	275	0.	315.4	1115.9
1	0615	76	0.	.5	1072.3	*	1	1435	176	0.	288.2	1113.8	*	1	2255	276	0.	315.5	1115.9
1	0620	77	0.	.5	1072.3	*	1	1440	177	0.	289.2	1113.9	*	1	2300	277	0.	315.7	1115.9
	0625	78	0.	.5	1072.3	*	1	1445	178	0.	290.2	1113.9	*	1	2305	278	0.	315.8	1115.9
1	0630	79	0.	.5	1072.3	*	1	1450	179	0.	291.1	1114.0	*	1	2310	279	0.	315.9	1115.9
1	0635	80	0.	.5	1072.3	*	1	1455	180	0.	291.9	1114.1	*	1	2315	280	0.	316.0	1115.9
1	0640	81	0.	.5	1072.3	*	1	1500	181	0.	292.7	1114.1	*	1	2320	281	0.	316.1	1115.9
1	0645	82	0.	.6	1072.3	*	1	1505	182	0.	293.3	1114.2	*	1	2325	282	0.	316.2	1115.9
1	0650	83	0.	.6	1072.4	*	1	1510	183	0.	294.0	1114.2	*	1	2330	283	0.	316.3	1115.9
1	0655	84	0.	.6	1072.4	*	1	1515	184	0.	294.5	1114.3	*	1	2335	284	0.	316.4	1115.9
1	0700	85	0.	.6	1072.4	*	1	1520	185	0.	295.1	1114.3	*	1	2340	285	0.	316.5	1115.9
1	0705	86	0.	.6	1072.4	*	1	1525	186	0.	295.6	1114.3	*	1	2345	286	0.	316.6	1116.0
1	0710	87	0.	.6	1072.4	*	1	1530	187	0.	296.2	1114.4	*	1	2350	287	0.	316.7	1116.0
1	0715	88	0.	.6	1072.4	*	1	1535	188	0.	296.7	1114.4	*	1	2355	288	0.	316.8	1116.0
1	0720	89	0.	.6	1072.4	*	1	1540	189	0.	297.2	1114.5	*	2	0000	289	0.	317.0	1116.0
1	0725	90	0.	.7	1072.4	*	1	1545	190	0.	297.7	1114.5	*	2	0005	290	0.	317.1	1116.0
1	0730	91	0.	.7	1072.4	*	1	1550	191	0.	298.1	1114.5	*	2	0010	291	0.	317.2	1116.0
1	0735	92	0.	.7	1072.4	*	1	1555	192	0.	298.6	1114.6	*	2	0015	292	0.	317.3	1116.0
1	0740	93	0.	.7	1072.4	*	1	1600	193	0.	299.0	1114.6	*	2	0020	293	0.	317.4	1116.0
1	0745	94	0.	.7	1072.5	*	1	1605	194	0.	299.4	1114.6	*	2	0025	294	0.	317.5	1116.0
1	0750	95	0.	.7	1072.5	*	1	1610	195	0.	299.8	1114.7	*	2	0030	295	0.	317.6	1116.0
1	0755	96	0.	.7	1072.5	*	1	1615	196	0.	300.2	1114.7	*	2	0035	296	0.	317.7	1116.0
1	0800	97	0.	.7	1072.5	*	1	1620	197	0.	300.6	1114.7	*	2	0040	297	0.	317.8	1116.0
1	0805	98	0.	.8	1072.5	*	1	1625	198	0.	301.0	1114.7	*	2	0045	298	0.	317.9	1116.0
1	0810	99	0.	.8	1072.5	*	1	1630	199	0.	301.3	1114.8	*	2	0050	299	0.	318.0	1116.1
1	0815	100	0.	.8	1072.5	*	1	1635	200	0.	301.6	1114.8	*	2	0055	300	0.	318.1	1116.1
						*							*						

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	PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
				6-HR	24-HR	72-HR	24.92-HR
+	(CFS)	(HR)					
			(CFS)				
+	0.	.08		0.	0.	0.	0.
			(INCHES)	.000	.000	.000	.000
			(AC-FT)	0.	0.	0.	0.

	PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	24.92-HR
+	(AC-FT)	(HR)				
	318.	24.92	314.	153.	147.	147.

	PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
			6-HR	24-HR	72-HR	24.92-HR
+	(FEET)	(HR)				
	1116.06	24.92	1115.74	1094.22	1093.38	1093.38

CUMULATIVE AREA = 1.70 SQ MI

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HYDROGRAPH AT SRRB42
TRANSPOSITION AREA 100.0 SQ MI

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1		0000	1	0.	.0	1071.5	*	1		0820	101	0.	.8	1072.5	*	1		1640	201	0.	296.6	1114.4

1	0005	2	0.	.0	1071.5	*	1	0825	102	0.	.8	1072.5	*	1	1645	202	0.	296.9	1114.4
1	0010	3	0.	.0	1071.5	*	1	0830	103	0.	.8	1072.5	*	1	1650	203	0.	297.2	1114.5
1	0015	4	0.	.0	1071.5	*	1	0835	104	0.	.8	1072.5	*	1	1655	204	0.	297.5	1114.5
1	0020	5	0.	.0	1071.5	*	1	0840	105	0.	.8	1072.6	*	1	1700	205	0.	297.8	1114.5
1	0025	6	0.	.0	1071.5	*	1	0845	106	0.	.8	1072.6	*	1	1705	206	0.	298.1	1114.5
	0030	7	0.	.0	1071.5	*	1	0850	107	0.	.9	1072.6	*	1	1710	207	0.	298.3	1114.5
1	0035	8	0.	.0	1071.5	*	1	0855	108	0.	.9	1072.6	*	1	1715	208	0.	298.6	1114.6
1	0040	9	0.	.0	1071.5	*	1	0900	109	0.	.9	1072.6	*	1	1720	209	0.	298.8	1114.6
1	0045	10	0.	.0	1071.5	*	1	0905	110	0.	.9	1072.6	*	1	1725	210	0.	299.1	1114.6
1	0050	11	0.	.0	1071.5	*	1	0910	111	0.	.9	1072.6	*	1	1730	211	0.	299.3	1114.6
1	0055	12	0.	.0	1071.5	*	1	0915	112	0.	.9	1072.6	*	1	1735	212	0.	299.6	1114.6
1	0100	13	0.	.0	1071.5	*	1	0920	113	0.	.9	1072.6	*	1	1740	213	0.	299.8	1114.7
1	0105	14	0.	.0	1071.5	*	1	0925	114	0.	1.0	1072.7	*	1	1745	214	0.	300.0	1114.7
1	0110	15	0.	.0	1071.5	*	1	0930	115	0.	1.0	1072.7	*	1	1750	215	0.	300.3	1114.7
1	0115	16	0.	.0	1071.6	*	1	0935	116	0.	1.0	1072.7	*	1	1755	216	0.	300.5	1114.7
1	0120	17	0.	.0	1071.6	*	1	0940	117	0.	1.0	1072.7	*	1	1800	217	0.	300.7	1114.7
1	0125	18	0.	.0	1071.6	*	1	0945	118	0.	1.0	1072.7	*	1	1805	218	0.	300.9	1114.7
1	0130	19	0.	.0	1071.6	*	1	0950	119	0.	1.0	1072.7	*	1	1810	219	0.	301.2	1114.8
1	0135	20	0.	.0	1071.6	*	1	0955	120	0.	1.1	1072.7	*	1	1815	220	0.	301.4	1114.8
1	0140	21	0.	.0	1071.6	*	1	1000	121	0.	1.1	1072.7	*	1	1820	221	0.	301.6	1114.8
1	0145	22	0.	.0	1071.7	*	1	1005	122	0.	1.1	1072.8	*	1	1825	222	0.	301.8	1114.8
1	0150	23	0.	.0	1071.7	*	1	1010	123	0.	1.1	1072.8	*	1	1830	223	0.	302.0	1114.8
1	0155	24	0.	.1	1071.7	*	1	1015	124	0.	1.1	1072.8	*	1	1835	224	0.	302.2	1114.8
1	0200	25	0.	.1	1071.8	*	1	1020	125	0.	1.2	1072.8	*	1	1840	225	0.	302.4	1114.9
1	0205	26	0.	.1	1071.8	*	1	1025	126	0.	1.2	1072.8	*	1	1845	226	0.	302.6	1114.9
1	0210	27	0.	.1	1071.8	*	1	1030	127	0.	1.2	1072.8	*	1	1850	227	0.	302.8	1114.9
1	0215	28	0.	.1	1071.9	*	1	1035	128	0.	1.2	1072.9	*	1	1855	228	0.	303.0	1114.9
1	0220	29	0.	.1	1071.9	*	1	1040	129	0.	1.2	1072.9	*	1	1900	229	0.	303.2	1114.9
1	0225	30	0.	.1	1071.9	*	1	1045	130	0.	1.3	1072.9	*	1	1905	230	0.	303.3	1114.9
1	0230	31	0.	.1	1072.0	*	1	1050	131	0.	1.3	1072.9	*	1	1910	231	0.	303.5	1114.9
	0235	32	0.	.1	1072.0	*	1	1055	132	0.	1.3	1072.9	*	1	1915	232	0.	303.7	1115.0
	0240	33	0.	.1	1072.0	*	1	1100	133	0.	1.3	1072.9	*	1	1920	233	0.	303.9	1115.0
1	0245	34	0.	.1	1072.0	*	1	1105	134	0.	1.3	1073.0	*	1	1925	234	0.	304.1	1115.0
1	0250	35	0.	.1	1072.0	*	1	1110	135	0.	1.4	1073.0	*	1	1930	235	0.	304.2	1115.0
1	0255	36	0.	.1	1072.0	*	1	1115	136	0.	1.4	1073.0	*	1	1935	236	0.	304.4	1115.0
1	0300	37	0.	.1	1072.0	*	1	1120	137	0.	1.4	1073.0	*	1	1940	237	0.	304.6	1115.0
1	0305	38	0.	.2	1072.0	*	1	1125	138	0.	1.5	1073.0	*	1	1945	238	0.	304.8	1115.0
1	0310	39	0.	.2	1072.0	*	1	1130	139	0.	1.5	1073.1	*	1	1950	239	0.	304.9	1115.1
1	0315	40	0.	.2	1072.0	*	1	1135	140	0.	1.5	1073.1	*	1	1955	240	0.	305.1	1115.1
1	0320	41	0.	.2	1072.1	*	1	1140	141	0.	1.6	1073.2	*	1	2000	241	0.	305.2	1115.1
1	0325	42	0.	.2	1072.1	*	1	1145	142	0.	1.7	1073.3	*	1	2005	242	0.	305.4	1115.1
1	0330	43	0.	.2	1072.1	*	1	1150	143	0.	2.1	1073.5	*	1	2010	243	0.	305.6	1115.1
1	0335	44	0.	.2	1072.1	*	1	1155	144	0.	2.8	1074.1	*	1	2015	244	0.	305.7	1115.1
1	0340	45	0.	.2	1072.1	*	1	1200	145	0.	4.1	1075.1	*	1	2020	245	0.	305.9	1115.1
1	0345	46	0.	.2	1072.1	*	1	1205	146	0.	6.3	1076.8	*	1	2025	246	0.	306.0	1115.1
1	0350	47	0.	.2	1072.1	*	1	1210	147	0.	9.7	1079.4	*	1	2030	247	0.	306.2	1115.2
1	0355	48	0.	.2	1072.1	*	1	1215	148	0.	14.7	1081.4	*	1	2035	248	0.	306.3	1115.2
1	0400	49	0.	.2	1072.1	*	1	1220	149	0.	21.7	1083.6	*	1	2040	249	0.	306.5	1115.2
1	0405	50	0.	.2	1072.1	*	1	1225	150	0.	32.5	1087.1	*	1	2045	250	0.	306.6	1115.2
1	0410	51	0.	.3	1072.1	*	1	1230	151	0.	50.7	1091.6	*	1	2050	251	0.	306.8	1115.2
1	0415	52	0.	.3	1072.1	*	1	1235	152	0.	73.5	1095.5	*	1	2055	252	0.	306.9	1115.2
1	0420	53	0.	.3	1072.1	*	1	1240	153	0.	95.5	1098.1	*	1	2100	253	0.	307.1	1115.2
1	0425	54	0.	.3	1072.1	*	1	1245	154	0.	116.1	1100.2	*	1	2105	254	0.	307.2	1115.2
1	0430	55	0.	.3	1072.1	*	1	1250	155	0.	135.4	1102.1	*	1	2110	255	0.	307.3	1115.2
1	0435	56	0.	.3	1072.1	*	1	1255	156	0.	153.5	1103.4	*	1	2115	256	0.	307.5	1115.2
1	0440	57	0.	.3	1072.1	*	1	1300	157	0.	170.6	1104.8	*	1	2120	257	0.	307.6	1115.3
	0445	58	0.	.3	1072.2	*	1	1305	158	0.	186.9	1106.0	*	1	2125	258	0.	307.7	1115.3
	0450	59	0.	.3	1072.2	*	1	1310	159	0.	202.4	1107.2	*	1	2130	259	0.	307.9	1115.3
1	0455	60	0.	.3	1072.2	*	1	1315	160	0.	216.8	1108.3	*	1	2135	260	0.	308.0	1115.3
1	0500	61	0.	.3	1072.2	*	1	1320	161	0.	229.0	1109.2	*	1	2140	261	0.	308.1	1115.3
1	0505	62	0.	.3	1072.2	*	1	1325	162	0.	238.7	1110.0	*	1	2145	262	0.	308.3	1115.3
1	0510	63	0.	.4	1072.2	*	1	1330	163	0.	246.4	1110.6	*	1	2150	263	0.	308.4	1115.3

1	0515	64	0.	.4	1072.2	*	1	1335	164	0.	252.6	1111.0	*	1	2155	264	0.	308.5	1115.3
1	0520	65	0.	.4	1072.2	*	1	1340	165	0.	257.7	1111.4	*	1	2200	265	0.	308.7	1115.3
1	0525	66	0.	.4	1072.2	*	1	1345	166	0.	262.1	1111.8	*	1	2205	266	0.	308.8	1115.3
1	0530	67	0.	.4	1072.2	*	1	1350	167	0.	265.7	1112.0	*	1	2210	267	0.	308.9	1115.4
1	0535	68	0.	.4	1072.2	*	1	1355	168	0.	268.9	1112.3	*	1	2215	268	0.	309.0	1115.4
	0540	69	0.	.4	1072.2	*	1	1400	169	0.	271.6	1112.5	*	1	2220	269	0.	309.1	1115.4
1	0545	70	0.	.4	1072.2	*	1	1405	170	0.	273.8	1112.7	*	1	2225	270	0.	309.3	1115.4
1	0550	71	0.	.4	1072.3	*	1	1410	171	0.	275.8	1112.8	*	1	2230	271	0.	309.4	1115.4
1	0555	72	0.	.4	1072.3	*	1	1415	172	0.	277.5	1113.0	*	1	2235	272	0.	309.5	1115.4
1	0600	73	0.	.5	1072.3	*	1	1420	173	0.	279.1	1113.1	*	1	2240	273	0.	309.6	1115.4
1	0605	74	0.	.5	1072.3	*	1	1425	174	0.	280.5	1113.2	*	1	2245	274	0.	309.7	1115.4
1	0610	75	0.	.5	1072.3	*	1	1430	175	0.	281.8	1113.3	*	1	2250	275	0.	309.8	1115.4
1	0615	76	0.	.5	1072.3	*	1	1435	176	0.	282.9	1113.4	*	1	2255	276	0.	309.9	1115.4
1	0620	77	0.	.5	1072.3	*	1	1440	177	0.	284.0	1113.4	*	1	2300	277	0.	310.0	1115.4
1	0625	78	0.	.5	1072.3	*	1	1445	178	0.	285.0	1113.5	*	1	2305	278	0.	310.2	1115.5
1	0630	79	0.	.5	1072.3	*	1	1450	179	0.	285.9	1113.6	*	1	2310	279	0.	310.3	1115.5
1	0635	80	0.	.5	1072.3	*	1	1455	180	0.	286.7	1113.7	*	1	2315	280	0.	310.4	1115.5
1	0640	81	0.	.5	1072.3	*	1	1500	181	0.	287.4	1113.7	*	1	2320	281	0.	310.5	1115.5
1	0645	82	0.	.5	1072.3	*	1	1505	182	0.	288.0	1113.8	*	1	2325	282	0.	310.6	1115.5
1	0650	83	0.	.6	1072.3	*	1	1510	183	0.	288.7	1113.8	*	1	2330	283	0.	310.7	1115.5
1	0655	84	0.	.6	1072.4	*	1	1515	184	0.	289.2	1113.9	*	1	2335	284	0.	310.8	1115.5
1	0700	85	0.	.6	1072.4	*	1	1520	185	0.	289.8	1113.9	*	1	2340	285	0.	310.9	1115.5
1	0705	86	0.	.6	1072.4	*	1	1525	186	0.	290.3	1113.9	*	1	2345	286	0.	311.0	1115.5
1	0710	87	0.	.6	1072.4	*	1	1530	187	0.	290.9	1114.0	*	1	2350	287	0.	311.1	1115.5
1	0715	88	0.	.6	1072.4	*	1	1535	188	0.	291.4	1114.0	*	1	2355	288	0.	311.2	1115.5
1	0720	89	0.	.6	1072.4	*	1	1540	189	0.	291.9	1114.1	*	2	0000	289	0.	311.3	1115.5
1	0725	90	0.	.6	1072.4	*	1	1545	190	0.	292.3	1114.1	*	2	0005	290	0.	311.4	1115.6
1	0730	91	0.	.7	1072.4	*	1	1550	191	0.	292.8	1114.1	*	2	0010	291	0.	311.5	1115.6
1	0735	92	0.	.7	1072.4	*	1	1555	192	0.	293.2	1114.2	*	2	0015	292	0.	311.6	1115.6
1	0740	93	0.	.7	1072.4	*	1	1600	193	0.	293.7	1114.2	*	2	0020	293	0.	311.7	1115.6
	0745	94	0.	.7	1072.4	*	1	1605	194	0.	294.1	1114.2	*	2	0025	294	0.	311.8	1115.6
	0750	95	0.	.7	1072.5	*	1	1610	195	0.	294.5	1114.3	*	2	0030	295	0.	312.0	1115.6
1	0755	96	0.	.7	1072.5	*	1	1615	196	0.	294.9	1114.3	*	2	0035	296	0.	312.1	1115.6
1	0800	97	0.	.7	1072.5	*	1	1620	197	0.	295.2	1114.3	*	2	0040	297	0.	312.2	1115.6
1	0805	98	0.	.7	1072.5	*	1	1625	198	0.	295.6	1114.3	*	2	0045	298	0.	312.3	1115.6
1	0810	99	0.	.8	1072.5	*	1	1630	199	0.	295.9	1114.4	*	2	0050	299	0.	312.4	1115.6
1	0815	100	0.	.8	1072.5	*	1	1635	200	0.	296.3	1114.4	*	2	0055	300	0.	312.5	1115.6
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
312.	24.92	308.	150.	145.	145.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
15.63	24.92	1115.31	1094.00	1093.17	1093.17

CUMULATIVE AREA = 1.70 SQ MI

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HYDROGRAPH AT SRRB42
TRANSPOSITION AREA 200.0 SQ MI

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	1071.5	1		0820	101	0.	.8	1072.5	1		1640	201	0.	292.1	1114.1
1		0005	2	0.	.0	1071.5	1		0825	102	0.	.8	1072.5	1		1645	202	0.	292.4	1114.1
1		0010	3	0.	.0	1071.5	1		0830	103	0.	.8	1072.5	1		1650	203	0.	292.7	1114.1
1		0015	4	0.	.0	1071.5	1		0835	104	0.	.8	1072.5	1		1655	204	0.	293.0	1114.1
1		0020	5	0.	.0	1071.5	1		0840	105	0.	.8	1072.5	1		1700	205	0.	293.2	1114.2
1		0025	6	0.	.0	1071.5	1		0845	106	0.	.8	1072.6	1		1705	206	0.	293.5	1114.2
1		0030	7	0.	.0	1071.5	1		0850	107	0.	.8	1072.6	1		1710	207	0.	293.8	1114.2
1		0035	8	0.	.0	1071.5	1		0855	108	0.	.9	1072.6	1		1715	208	0.	294.0	1114.2
1		0040	9	0.	.0	1071.5	1		0900	109	0.	.9	1072.6	1		1720	209	0.	294.3	1114.2
1		0045	10	0.	.0	1071.5	1		0905	110	0.	.9	1072.6	1		1725	210	0.	294.5	1114.3
1		0050	11	0.	.0	1071.5	1		0910	111	0.	.9	1072.6	1		1730	211	0.	294.8	1114.3
1		0055	12	0.	.0	1071.5	1		0915	112	0.	.9	1072.6	1		1735	212	0.	295.0	1114.3
1		0100	13	0.	.0	1071.5	1		0920	113	0.	.9	1072.6	1		1740	213	0.	295.2	1114.3
1		0105	14	0.	.0	1071.5	1		0925	114	0.	.9	1072.6	1		1745	214	0.	295.5	1114.3
1		0110	15	0.	.0	1071.5	1		0930	115	0.	1.0	1072.7	1		1750	215	0.	295.7	1114.3
1		0115	16	0.	.0	1071.6	1		0935	116	0.	1.0	1072.7	1		1755	216	0.	295.9	1114.4
1		0120	17	0.	.0	1071.6	1		0940	117	0.	1.0	1072.7	1		1800	217	0.	296.1	1114.4
1		0125	18	0.	.0	1071.6	1		0945	118	0.	1.0	1072.7	1		1805	218	0.	296.4	1114.4
1		0130	19	0.	.0	1071.6	1		0950	119	0.	1.0	1072.7	1		1810	219	0.	296.6	1114.4
1		0135	20	0.	.0	1071.6	1		0955	120	0.	1.0	1072.7	1		1815	220	0.	296.8	1114.4
1		0140	21	0.	.0	1071.6	1		1000	121	0.	1.1	1072.7	1		1820	221	0.	297.0	1114.4
1		0145	22	0.	.0	1071.7	1		1005	122	0.	1.1	1072.7	1		1825	222	0.	297.2	1114.5
		0150	23	0.	.0	1071.7	1		1010	123	0.	1.1	1072.8	1		1830	223	0.	297.4	1114.5
		0155	24	0.	.0	1071.7	1		1015	124	0.	1.1	1072.8	1		1835	224	0.	297.6	1114.5
1		0200	25	0.	.1	1071.8	1		1020	125	0.	1.1	1072.8	1		1840	225	0.	297.8	1114.5
1		0205	26	0.	.1	1071.8	1		1025	126	0.	1.2	1072.8	1		1845	226	0.	298.0	1114.5
1		0210	27	0.	.1	1071.8	1		1030	127	0.	1.2	1072.8	1		1850	227	0.	298.2	1114.5
1		0215	28	0.	.1	1071.8	1		1035	128	0.	1.2	1072.8	1		1855	228	0.	298.4	1114.6
1		0220	29	0.	.1	1071.9	1		1040	129	0.	1.2	1072.9	1		1900	229	0.	298.5	1114.6
1		0225	30	0.	.1	1071.9	1		1045	130	0.	1.2	1072.9	1		1905	230	0.	298.7	1114.6
1		0230	31	0.	.1	1071.9	1		1050	131	0.	1.3	1072.9	1		1910	231	0.	298.9	1114.6
1		0235	32	0.	.1	1072.0	1		1055	132	0.	1.3	1072.9	1		1915	232	0.	299.1	1114.6
1		0240	33	0.	.1	1072.0	1		1100	133	0.	1.3	1072.9	1		1920	233	0.	299.3	1114.6
1		0245	34	0.	.1	1072.0	1		1105	134	0.	1.3	1072.9	1		1925	234	0.	299.4	1114.6
1		0250	35	0.	.1	1072.0	1		1110	135	0.	1.3	1073.0	1		1930	235	0.	299.6	1114.6
1		0255	36	0.	.1	1072.0	1		1115	136	0.	1.4	1073.0	1		1935	236	0.	299.8	1114.7
1		0300	37	0.	.1	1072.0	1		1120	137	0.	1.4	1073.0	1		1940	237	0.	300.0	1114.7
1		0305	38	0.	.2	1072.0	1		1125	138	0.	1.4	1073.0	1		1945	238	0.	300.1	1114.7
1		0310	39	0.	.2	1072.0	1		1130	139	0.	1.5	1073.0	1		1950	239	0.	300.3	1114.7
1		0315	40	0.	.2	1072.0	1		1135	140	0.	1.5	1073.1	1		1955	240	0.	300.4	1114.7
1		0320	41	0.	.2	1072.0	1		1140	141	0.	1.6	1073.1	1		2000	241	0.	300.6	1114.7
		0325	42	0.	.2	1072.1	1		1145	142	0.	1.7	1073.2	1		2005	242	0.	300.8	1114.7
		0330	43	0.	.2	1072.1	1		1150	143	0.	2.0	1073.5	1		2010	243	0.	300.9	1114.7
		0335	44	0.	.2	1072.1	1		1155	144	0.	2.7	1074.0	1		2015	244	0.	301.1	1114.8
		0340	45	0.	.2	1072.1	1		1200	145	0.	3.9	1075.0	1		2020	245	0.	301.2	1114.8
		0345	46	0.	.2	1072.1	1		1205	146	0.	6.1	1076.6	1		2025	246	0.	301.4	1114.8
		0350	47	0.	.2	1072.1	1		1210	147	0.	9.3	1079.1	1		2030	247	0.	301.5	1114.8
		0355	48	0.	.2	1072.1	1		1215	148	0.	14.1	1081.2	1		2035	248	0.	301.7	1114.8
		0400	49	0.	.2	1072.1	1		1220	149	0.	20.8	1083.3	1		2040	249	0.	301.8	1114.8
		0405	50	0.	.2	1072.1	1		1225	150	0.	30.9	1086.6	1		2045	250	0.	302.0	1114.8
		0410	51	0.	.3	1072.1	1		1230	151	0.	48.5	1091.2	1		2050	251	0.	302.1	1114.8
		0415	52	0.	.3	1072.1	1		1235	152	0.	71.0	1095.2	1		2055	252	0.	302.2	1114.8
		0420	53	0.	.3	1072.1	1		1240	153	0.	92.8	1097.8	1		2100	253	0.	302.4	1114.9
		0425	54	0.	.3	1072.1	1		1245	154	0.	113.2	1100.0	1		2105	254	0.	302.5	1114.9

1	0430	55	0.	.3	1072.1	*	1	1250	155	0.	132.4	1101.8	*	1	2110	255	0.	302.7	1114.9
1	0435	56	0.	.3	1072.1	*	1	1255	156	0.	150.5	1103.2	*	1	2115	256	0.	302.8	1114.9
1	0440	57	0.	.3	1072.1	*	1	1300	157	0.	167.5	1104.5	*	1	2120	257	0.	302.9	1114.9
1	0445	58	0.	.3	1072.2	*	1	1305	158	0.	183.7	1105.8	*	1	2125	258	0.	303.1	1114.9
	0450	59	0.	.3	1072.2	*	1	1310	159	0.	199.2	1106.9	*	1	2130	259	0.	303.2	1114.9
	0455	60	0.	.3	1072.2	*	1	1315	160	0.	213.5	1108.0	*	1	2135	260	0.	303.3	1114.9
1	0500	61	0.	.3	1072.2	*	1	1320	161	0.	225.4	1109.0	*	1	2140	261	0.	303.4	1114.9
1	0505	62	0.	.3	1072.2	*	1	1325	162	0.	234.9	1109.7	*	1	2145	262	0.	303.6	1115.0
1	0510	63	0.	.4	1072.2	*	1	1330	163	0.	242.5	1110.3	*	1	2150	263	0.	303.7	1115.0
1	0515	64	0.	.4	1072.2	*	1	1335	164	0.	248.6	1110.7	*	1	2155	264	0.	303.8	1115.0
1	0520	65	0.	.4	1072.2	*	1	1340	165	0.	253.6	1111.1	*	1	2200	265	0.	304.0	1115.0
1	0525	66	0.	.4	1072.2	*	1	1345	166	0.	257.9	1111.4	*	1	2205	266	0.	304.1	1115.0
1	0530	67	0.	.4	1072.2	*	1	1350	167	0.	261.5	1111.7	*	1	2210	267	0.	304.2	1115.0
1	0535	68	0.	.4	1072.2	*	1	1355	168	0.	264.6	1112.0	*	1	2215	268	0.	304.3	1115.0
1	0540	69	0.	.4	1072.2	*	1	1400	169	0.	267.3	1112.2	*	1	2220	269	0.	304.4	1115.0
1	0545	70	0.	.4	1072.2	*	1	1405	170	0.	269.5	1112.3	*	1	2225	270	0.	304.5	1115.0
1	0550	71	0.	.4	1072.2	*	1	1410	171	0.	271.5	1112.5	*	1	2230	271	0.	304.7	1115.0
1	0555	72	0.	.4	1072.3	*	1	1415	172	0.	273.2	1112.6	*	1	2235	272	0.	304.8	1115.0
1	0600	73	0.	.4	1072.3	*	1	1420	173	0.	274.7	1112.7	*	1	2240	273	0.	304.9	1115.1
1	0605	74	0.	.5	1072.3	*	1	1425	174	0.	276.1	1112.8	*	1	2245	274	0.	305.0	1115.1
1	0610	75	0.	.5	1072.3	*	1	1430	175	0.	277.4	1112.9	*	1	2250	275	0.	305.1	1115.1
1	0615	76	0.	.5	1072.3	*	1	1435	176	0.	278.5	1113.0	*	1	2255	276	0.	305.2	1115.1
1	0620	77	0.	.5	1072.3	*	1	1440	177	0.	279.6	1113.1	*	1	2300	277	0.	305.3	1115.1
1	0625	78	0.	.5	1072.3	*	1	1445	178	0.	280.6	1113.2	*	1	2305	278	0.	305.4	1115.1
1	0630	79	0.	.5	1072.3	*	1	1450	179	0.	281.4	1113.3	*	1	2310	279	0.	305.5	1115.1
1	0635	80	0.	.5	1072.3	*	1	1455	180	0.	282.2	1113.3	*	1	2315	280	0.	305.7	1115.1
1	0640	81	0.	.5	1072.3	*	1	1500	181	0.	282.9	1113.4	*	1	2320	281	0.	305.8	1115.1
1	0645	82	0.	.5	1072.3	*	1	1505	182	0.	283.6	1113.4	*	1	2325	282	0.	305.9	1115.1
1	0650	83	0.	.6	1072.3	*	1	1510	183	0.	284.2	1113.5	*	1	2330	283	0.	306.0	1115.1
1	0655	84	0.	.6	1072.3	*	1	1515	184	0.	284.8	1113.5	*	1	2335	284	0.	306.1	1115.1
	0700	85	0.	.6	1072.4	*	1	1520	185	0.	285.3	1113.6	*	1	2340	285	0.	306.2	1115.2
	0705	86	0.	.6	1072.4	*	1	1525	186	0.	285.9	1113.6	*	1	2345	286	0.	306.3	1115.2
1	0710	87	0.	.6	1072.4	*	1	1530	187	0.	286.4	1113.6	*	1	2350	287	0.	306.4	1115.2
1	0715	88	0.	.6	1072.4	*	1	1535	188	0.	286.9	1113.7	*	1	2355	288	0.	306.5	1115.2
1	0720	89	0.	.6	1072.4	*	1	1540	189	0.	287.4	1113.7	*	2	0000	289	0.	306.6	1115.2
1	0725	90	0.	.6	1072.4	*	1	1545	190	0.	287.9	1113.7	*	2	0005	290	0.	306.7	1115.2
1	0730	91	0.	.6	1072.4	*	1	1550	191	0.	288.3	1113.8	*	2	0010	291	0.	306.8	1115.2
1	0735	92	0.	.7	1072.4	*	1	1555	192	0.	288.8	1113.8	*	2	0015	292	0.	306.9	1115.2
1	0740	93	0.	.7	1072.4	*	1	1600	193	0.	289.2	1113.8	*	2	0020	293	0.	307.0	1115.2
1	0745	94	0.	.7	1072.4	*	1	1605	194	0.	289.6	1113.9	*	2	0025	294	0.	307.1	1115.2
1	0750	95	0.	.7	1072.4	*	1	1610	195	0.	290.0	1113.9	*	2	0030	295	0.	307.2	1115.2
1	0755	96	0.	.7	1072.5	*	1	1615	196	0.	290.4	1113.9	*	2	0035	296	0.	307.3	1115.2
1	0800	97	0.	.7	1072.5	*	1	1620	197	0.	290.7	1114.0	*	2	0040	297	0.	307.4	1115.2
1	0805	98	0.	.7	1072.5	*	1	1625	198	0.	291.1	1114.0	*	2	0045	298	0.	307.5	1115.3
1	0810	99	0.	.7	1072.5	*	1	1630	199	0.	291.4	1114.0	*	2	0050	299	0.	307.6	1115.3
1	0815	100	0.	.8	1072.5	*	1	1635	200	0.	291.8	1114.0	*	2	0055	300	0.	307.7	1115.3
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
308.	24.92	304.	148.	142.	142.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
1115.27	24.92	1114.95	1093.81	1092.99	1092.99

CUMULATIVE AREA = 1.70 SQ MI

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INTERPOLATED HYDROGRAPH AT SRRB42

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OA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	0.	1		1230	151	0.	1		1845	226	0.
1		0005	2	0.	1		0620	77	0.	1		1235	152	0.	1		1850	227	0.
1		0010	3	0.	1		0625	78	0.	1		1240	153	0.	1		1855	228	0.
1		0015	4	0.	1		0630	79	0.	1		1245	154	0.	1		1900	229	0.
1		0020	5	0.	1		0635	80	0.	1		1250	155	0.	1		1905	230	0.
1		0025	6	0.	1		0640	81	0.	1		1255	156	0.	1		1910	231	0.
1		0030	7	0.	1		0645	82	0.	1		1300	157	0.	1		1915	232	0.
1		0035	8	0.	1		0650	83	0.	1		1305	158	0.	1		1920	233	0.
1		0040	9	0.	1		0655	84	0.	1		1310	159	0.	1		1925	234	0.
1		0045	10	0.	1		0700	85	0.	1		1315	160	0.	1		1930	235	0.
1		0050	11	0.	1		0705	86	0.	1		1320	161	0.	1		1935	236	0.
1		0055	12	0.	1		0710	87	0.	1		1325	162	0.	1		1940	237	0.
1		0100	13	0.	1		0715	88	0.	1		1330	163	0.	1		1945	238	0.
1		0105	14	0.	1		0720	89	0.	1		1335	164	0.	1		1950	239	0.
1		0110	15	0.	1		0725	90	0.	1		1340	165	0.	1		1955	240	0.
1		0115	16	0.	1		0730	91	0.	1		1345	166	0.	1		2000	241	0.
1		0120	17	0.	1		0735	92	0.	1		1350	167	0.	1		2005	242	0.
1		0125	18	0.	1		0740	93	0.	1		1355	168	0.	1		2010	243	0.
1		0130	19	0.	1		0745	94	0.	1		1400	169	0.	1		2015	244	0.
1		0135	20	0.	1		0750	95	0.	1		1405	170	0.	1		2020	245	0.
1		0140	21	0.	1		0755	96	0.	1		1410	171	0.	1		2025	246	0.
1		0145	22	0.	1		0800	97	0.	1		1415	172	0.	1		2030	247	0.
1		0150	23	0.	1		0805	98	0.	1		1420	173	0.	1		2035	248	0.
1		0155	24	0.	1		0810	99	0.	1		1425	174	0.	1		2040	249	0.
1		0200	25	0.	1		0815	100	0.	1		1430	175	0.	1		2045	250	0.
1		0205	26	0.	1		0820	101	0.	1		1435	176	0.	1		2050	251	0.
1		0210	27	0.	1		0825	102	0.	1		1440	177	0.	1		2055	252	0.
1		0215	28	0.	1		0830	103	0.	1		1445	178	0.	1		2100	253	0.
1		0220	29	0.	1		0835	104	0.	1		1450	179	0.	1		2105	254	0.
1		0225	30	0.	1		0840	105	0.	1		1455	180	0.	1		2110	255	0.
1		0230	31	0.	1		0845	106	0.	1		1500	181	0.	1		2115	256	0.
1		0235	32	0.	1		0850	107	0.	1		1505	182	0.	1		2120	257	0.
1		0240	33	0.	1		0855	108	0.	1		1510	183	0.	1		2125	258	0.
1		0245	34	0.	1		0900	109	0.	1		1515	184	0.	1		2130	259	0.
1		0250	35	0.	1		0905	110	0.	1		1520	185	0.	1		2135	260	0.
1		0255	36	0.	1		0910	111	0.	1		1525	186	0.	1		2140	261	0.
1		0300	37	0.	1		0915	112	0.	1		1530	187	0.	1		2145	262	0.
1		0305	38	0.	1		0920	113	0.	1		1535	188	0.	1		2150	263	0.
1		0310	39	0.	1		0925	114	0.	1		1540	189	0.	1		2155	264	0.
1		0315	40	0.	1		0930	115	0.	1		1545	190	0.	1		2200	265	0.
1		0320	41	0.	1		0935	116	0.	1		1550	191	0.	1		2205	266	0.
1		0325	42	0.	1		0940	117	0.	1		1555	192	0.	1		2210	267	0.
1		0330	43	0.	1		0945	118	0.	1		1600	193	0.	1		2215	268	0.
1		0335	44	0.	1		0950	119	0.	1		1605	194	0.	1		2220	269	0.
1		0340	45	0.	1		0955	120	0.	1		1610	195	0.	1		2225	270	0.
1		0345	46	0.	1		1000	121	0.	1		1615	196	0.	1		2230	271	0.

1	0350	47	0.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.
1	0355	48	0.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.
1	0400	49	0.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.
1	0405	50	0.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.
	0410	51	0.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.
	0415	52	0.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.
1	0420	53	0.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.
1	0425	54	0.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.
1	0430	55	0.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.
1	0435	56	0.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.
1	0440	57	0.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.
1	0445	58	0.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.
1	0450	59	0.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	0.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	0.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	0.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	0.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	0.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	0.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	0.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	0.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	0.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	0.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	0.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	0.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	0.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	0.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	0.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	0.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 0.	.08		0.	0.	0.	0.
		(INCHES)	.000	.000	.000	.000
		(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = 1.70 SQ MI

WARNING --- ROUTED OUTFLOW (597.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (726.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (768.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (694.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (537.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (590.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (693.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (718.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (650.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

WARNING --- ROUTED OUTFLOW (522.) IS GREATER THAN MAXIMUM OUTFLOW (503.) IN STORAGE-OUTFLOW TABLE

		(CFS)				
78.	13.50		76.	44.	42.	42.
		(INCHES)	.880	2.043	2.043	2.043
		(AC-FT)	38.	87.	87.	87.

PEAK STORAGE (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	24.92-HR
71.	13.50	68.	39.	37.	37.

PEAK STAGE (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
1063.81	13.50	1063.68	1062.02	1061.90	1061.90

CUMULATIVE AREA = .80 SQ MI

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INTERPOLATED HYDROGRAPH AT SR225

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
		(CFS)			
84.	13.42	81.	47.	45.	45.
		(INCHES) .941	2.175	2.175	2.175
		(AC-FT) 40.	93.	93.	93.

CUMULATIVE AREA = .80 SQ MI

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

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	1	1342.	12.50	175.	50.	48.	1.94		
ROUTED TO	RCP1	1114.	12.75	165.	42.	40.	1.94		
HYDROGRAPH AT	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		
HYDROGRAPH AT	3A	296.	12.33	29.	7.	7.	.29		
ROUTED TO	RCP3A	229.	12.58	27.	7.	7.	.29		

	HYDROGRAPH AT						
+		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
	ROUTED TO						
+		RCP3	2108.	13.08	450.	113.	108.	4.86
	HYDROGRAPH AT						
+		4	339.	12.25	26.	7.	6.	.30
	HYDROGRAPH AT						
+		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
	HYDROGRAPH AT						
+		6	591.	12.08	41.	12.	11.	.45
	2 COMBINED AT						
+		I1CP7	1289.	12.17	130.	35.	34.	1.47
	HYDROGRAPH AT						
+		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
	HYDROGRAPH AT						
+		9	1096.	12.42	127.	36.	35.	1.40
	2 COMBINED AT						
+		I1CP9	2527.	12.33	277.	74.	71.	3.18
	HYDROGRAPH AT						
+		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
	HYDROGRAPH AT						
		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	5504.	12.83	970.	245.	236.	10.87
ROUTED TO							
	RCP10	5318.	12.92	962.	241.	232.	10.87
HYDROGRAPH AT							
	12	1149.	12.58	156.	40.	39.	1.38
2 COMBINED AT							
	CP12	5888.	12.83	1110.	279.	269.	12.25
ROUTED TO							
	RCP12	5343.	13.08	1070.	268.	258.	12.25
HYDROGRAPH AT							
	11	1313.	12.50	165.	44.	43.	1.56
ROUTED TO							
	RCP11	1011.	12.75	164.	44.	43.	1.56
HYDROGRAPH AT							
	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
HYDROGRAPH AT							
	14	1163.	12.33	130.	37.	35.	1.47
ROUTED TO							
	RCP14	1041.	12.58	130.	37.	35.	1.47
HYDROGRAPH AT							
	15	1039.	12.42	117.	32.	30.	1.26
2 COMBINED AT							
	I1CP15	1920.	12.50	246.	68.	66.	2.73
HYDROGRAPH AT							
	16	1255.	12.42	155.	43.	41.	1.13
ROUTED TO							
	SR16	0.	.08	0.	0.	0.	1.13
2 COMBINED AT							
+	CP15	1920.	12.50	246.	68.	66.	3.86
ROUTED TO							
+	RCP15	1453.	12.83	211.	53.	51.	3.86
HYDROGRAPH AT							
+	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
	HYDROGRAPH AT						
		WT3	413.	12.50	54.	14.	13.	.44
	2 COMBINED AT						
+		I1CWT3	3605.	12.83	668.	167.	161.	8.23
	2 COMBINED AT						
+		CPWT3	8115.	13.00	1688.	422.	407.	20.48
	ROUTED TO						
+		SRWT3	0.	.08	0.	0.	0.	20.48
	HYDROGRAPH AT						
+		18	923.	12.17	73.	21.	20.	.81
	ROUTED TO						
+		R18	750.	12.33	73.	21.	20.	.81
	HYDROGRAPH AT						
+		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
	HYDROGRAPH AT						
+		21	688.	12.42	74.	20.	19.	.79
	2 COMBINED AT						
+		I1CP21	1933.	12.42	217.	60.	58.	2.39
	HYDROGRAPH AT						
+		20	861.	12.33	97.	27.	26.	1.07
	ROUTED TO						
+		SR20	0.	.08	0.	0.	0.	1.07
	ROUTED TO						
+		R20	0.	.08	0.	0.	0.	1.07
	2 COMBINED AT						
+		CP21	1933.	12.42	217.	60.	58.	3.46
	ROUTED TO						
+		SR21	191.	13.25	40.	12.	11.	3.46
	ROUTED TO						
+		R21	174.	13.42	40.	12.	11.	3.46
	HYDROGRAPH AT						
		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

	ROUTED TO						
+		R23	0.	.08	0.	0.	0.	3.62
	HYDROGRAPH AT						
+		22	525.	12.25	50.	14.	13.	.57
	ROUTED TO						
+		R22	493.	12.42	50.	14.	13.	.57
	HYDROGRAPH AT						
+		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
	HYDROGRAPH AT						
+		25	500.	12.33	50.	12.	12.	.46
	2 COMBINED AT						
+		I1CP25	1414.	12.42	169.	44.	42.	5.15
	HYDROGRAPH AT						
+		24	207.	12.25	18.	5.	4.	.14
	ROUTED TO						
+		SR24	0.	.08	0.	0.	0.	.14
	ROUTED TO						
+		R24	0.	.08	0.	0.	0.	.14
	2 COMBINED AT						
+		CP25	1414.	12.42	169.	44.	42.	5.29
	ROUTED TO						
+		SR25	1374.	12.50	146.	37.	36.	5.29
	HYDROGRAPH AT						
+		26	943.	12.50	115.	30.	29.	1.16
	ROUTED TO						
+		R26	886.	12.67	115.	30.	29.	1.16
	HYDROGRAPH AT						
+		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
	2 COMBINED AT						
+		CP27	3011.	12.50	350.	88.	85.	7.45
	ROUTED TO						

	R27	2725.	12.75	350.	88.	85.	7.45
HYDROGRAPH AT							
	34	361.	12.25	33.	9.	9.	.36
HYDROGRAPH AT							
	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
HYDROGRAPH AT							
	35	400.	12.25	35.	10.	10.	.39
2 COMBINED AT							
	I1CP35	1297.	12.25	127.	36.	35.	1.40
HYDROGRAPH AT							
	32	956.	12.42	117.	33.	32.	1.29
2 COMBINEO AT							
	CP35	2155.	12.33	243.	69.	67.	2.69
ROUTED TO							
	R35	2089.	12.42	243.	69.	67.	2.69
HYDROGRAPH AT							
	36	193.	12.25	16.	4.	4.	.24
2 COMBINED AT							
	I1CP36	2217.	12.42	258.	73.	70.	2.93
HYDROGRAPH AT							
	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
HYDROGRAPH AT							
	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
ROUTED TO							
	R38	3133.	12.58	355.	93.	90.	4.64
HYDROGRAPH AT							
	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
DIVERSION TO							
	DVRB42	2018.	12.50	459.	121.	116.	12.86
HYDROGRAPH AT							
	D42	4000.	12.67	305.	76.	74.	12.86
HYDROGRAPH AT							
	40	525.	12.25	48.	13.	13.	.52
ROUTED TO							
	R40	427.	12.50	48.	13.	13.	.52
HYDROGRAPH AT							
	42	1029.	12.50	131.	33.	32.	1.18
2 COMBINED AT							
	1IRB42	1454.	12.50	179.	46.	44.	1.70
HYDROGRAPH AT							
	D42	2018.	12.50	459.	121.	116.	12.86
2 COMBINED AT							
	RB42	3472.	12.50	639.	167.	161.	1.70
ROUTED TO							
	SRRB42	0.	.08	0.	0.	0.	1.70
2 COMBINED AT							
	CP42	4000.	12.67	305.	76.	74.	14.56
ROUTED TO							
	R42	3949.	12.75	302.	75.	73.	14.56
HYDROGRAPH AT							
	43-4	64.	12.00	3.	1.	1.	.03
ROUTED TO							
	SR43-4	22.	12.17	3.	1.	1.	.03
DIVERSION TO							
	DI43-4	22.	12.17	3.	1.	1.	.03
HYDROGRAPH AT							
	CP43-4	0.	.08	0.	0.	0.	.03
ROUTED TO							
	R43-4	0.	.08	0.	0.	0.	.03
HYDROGRAPH AT							
	43-5	43.	12.00	2.	1.	1.	.02
2 COMBINED AT							
	CP43-5	43.	12.00	2.	1.	1.	.05
ROUTED TO							
	SR43-5	19.	12.17	2.	1.	1.	.05

	DIVERSION TO						
+		DI43-5	19.	12.17	2.	1.	1.	.05
	HYDROGRAPH AT						
+		CP43-5	0.	.08	0.	0.	0.	.05
	ROUTED TO						
+		R43-5	0.	.08	0.	0.	0.	.05
	HYDROGRAPH AT						
+		43-6	45.	12.00	2.	1.	1.	.02
	2 COMBINED AT						
+		CP43-6	45.	12.00	2.	1.	1.	.07
	ROUTED TO						
+		SR43-6	6.	12.17	2.	1.	1.	.07
	DIVERSION TO						
+		DI43-6	6.	12.17	2.	1.	1.	.07
	HYDROGRAPH AT						
+		CP43-6	0.	.08	0.	0.	0.	.07
	ROUTED TO						
+		R43-6	0.	.08	0.	0.	0.	.07
	HYDROGRAPH AT						
+		43-7	45.	12.00	2.	1.	1.	.02
	2 COMBINED AT						
+		CP43-7	45.	12.00	2.	1.	1.	.09
	ROUTED TO						
+		SR43-7	20.	12.08	2.	1.	1.	.09
	DIVERSION TO						
+		DI43-7	20.	12.08	2.	1.	1.	.09
	HYDROGRAPH AT						
+		CP43-7	0.	.08	0.	0.	0.	.09
	ROUTED TO						
+		R43-7	0.	.08	0.	0.	0.	.09
	HYDROGRAPH AT						
+		43-8	23.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		CP43-8	23.	12.00	1.	0.	0.	.10
	ROUTED TO						
+		SR43-8	12.	12.08	1.	0.	0.	.10
	DIVERSION TO						
		DI43-8	12.	12.08	1.	0.	0.	.10
	HYDROGRAPH AT						
+		CP43-8	0.	.08	0.	0.	0.	.10
	ROUTED TO						

+	R43-8	0.	.08	0.	0.	0.	.10
HYDROGRAPH AT							
+	43	23.	12.00	1.	0.	0.	.01
2 COMBINED AT							
+	I1CP43	22.	12.00	1.	0.	0.	.11
2 COMBINED AT							
+	CP43	3946.	12.75	302.	76.	73.	14.67
ROUTED TO							
+	R43	3861.	12.83	302.	76.	73.	14.67
HYDROGRAPH AT							
+	CP43-4	22.	12.17	3.	1.	1.	.03
ROUTED TO							
+	RD43-4	14.	12.67	3.	1.	1.	.03
HYDROGRAPH AT							
+	CP43-5	19.	12.17	2.	1.	1.	.05
ROUTED TO							
+	RD43-5	13.	12.58	2.	1.	1.	.05
2 COMBINED AT							
+	I1CWT4	27.	12.67	5.	1.	1.	.05
HYDROGRAPH AT							
	CP43-6	6.	12.17	2.	1.	1.	.07
ROUTED TO							
+	RD43-6	4.	13.17	2.	1.	1.	.07
2 COMBINED AT							
+	I2CWT4	29.	12.67	8.	2.	2.	.07
HYDROGRAPH AT							
+	CP43-7	20.	12.08	2.	1.	1.	.09
ROUTED TO							
+	RD43-7	12.	12.58	2.	1.	1.	.09
2 COMBINED AT							
+	I3CWT4	41.	12.58	10.	3.	2.	.09
HYDROGRAPH AT							
+	CP43-8	12.	12.08	1.	0.	0.	.10
ROUTED TO							
+	RD43-8	5.	12.58	1.	0.	0.	.10
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	3906.	12.83	337.	84.	81.	14.89
	HYDROGRAPH AT						
		45-1	143.	12.08	9.	2.	2.	.08
	ROUTED TO						
+		SR45-1	107.	12.25	9.	2.	2.	.08
	DIVERSION TO						
+		DI45-1	107.	12.25	9.	2.	2.	.08
	HYDROGRAPH AT						
+		CP45-1	0.	.08	0.	0.	0.	.08
	ROUTED TO						
+		R45-1	0.	.08	0.	0.	0.	.08
	HYDROGRAPH AT						
+		45	401.	12.42	48.	12.	12.	.38
	2 COMBINED AT						
+		CP45	401.	12.42	48.	12.	12.	.46
	ROUTED TO						
+		SR45	209.	12.75	48.	12.	12.	.46
	DIVERSION TO						
+		DI45	209.	12.75	48.	12.	12.	.46
	HYDROGRAPH AT						
+		CP45	0.	.08	0.	0.	0.	.46
	ROUTED TO						
+		R45	0.	.08	0.	0.	0.	.46
	HYDROGRAPH AT						
+		46-1	184.	12.25	18.	4.	4.	.15
	2 COMBINED AT						
+		CP46-1	183.	12.25	17.	4.	4.	.61
	ROUTED TO						
+		SR46-1	107.	12.50	17.	4.	4.	.61
	DIVERSION TO						
+		DI46-1	107.	12.50	17.	4.	4.	.61
	HYDROGRAPH AT						
+		CP46-1	0.	.08	0.	0.	0.	.61
	ROUTED TO						
+		R46-1	0.	.08	0.	0.	0.	.61
	HYDROGRAPH AT						
		46	651.	12.58	94.	24.	23.	.85
	2 COMBINED AT						
+		I1CP46	651.	12.58	94.	24.	23.	1.46
	HYDROGRAPH AT						
+		232A	810.	12.25	72.	18.	17.	.61

	ROUTED TO						
+		R232A	636.	12.58	72.	18.	17.	.61
	HYDROGRAPH AT						
+		28	747.	12.50	89.	22.	22.	.86
	2 COMBINED AT						
+		CP28	1374.	12.50	161.	40.	39.	1.47
	ROUTED TO						
+		R28	1353.	12.58	161.	40.	39.	1.47
	HYDROGRAPH AT						
+		30	244.	12.33	21.	5.	5.	.28
	2 COMBINED AT						
+		I1CP30	1475.	12.50	182.	45.	44.	1.75
	HYDROGRAPH AT						
+		29	228.	12.25	18.	5.	4.	.22
	ROUTED TO						
+		SR29	0.	.08	0.	0.	0.	.22
	ROUTED TO						
+		R29	0.	.08	0.	0.	0.	.22
	2 COMBINED AT						
+		CP30	1475.	12.50	182.	45.	44.	1.97
	ROUTED TO						
+		R30	1358.	12.75	182.	45.	44.	1.97
	HYDROGRAPH AT						
+		31	525.	12.50	63.	16.	15.	.71
	2 COMBINED AT						
+		CP31	1712.	12.67	245.	61.	59.	2.68
	ROUTED TO						
+		R31	1689.	12.83	245.	61.	59.	2.68
	2 COMBINED AT						
+		CP46	2191.	12.75	338.	85.	82.	4.14
	ROUTED TO						
+		SR46	2099.	12.92	338.	85.	82.	4.14
	ROUTED TO						
+		R46	2030.	13.00	338.	85.	82.	4.14
	HYDROGRAPH AT						
+		CP45-1	107.	12.25	9.	2.	2.	.08
	ROUTED TO						
		RD45-1	76.	12.42	9.	2.	2.	.08
	HYDROGRAPH AT						
+		CP45	209.	12.75	48.	12.	12.	.46
	ROUTED TO						

	RD45	199.	13.00	48.	12.	12.	.46
2 COMBINED AT							
	I7CWT4	230.	12.83	57.	14.	14.	.46
HYDROGRAPH AT							
	CP46-1	107.	12.50	17.	4.	4.	.61
ROUTED TO							
	RD46-1	94.	12.83	17.	4.	4.	.61
2 COMBINED AT							
	I8CWT4	324.	12.83	75.	19.	18.	.61
HYDROGRAPH AT							
	WT4	997.	12.25	88.	22.	21.	.77
2 COMBINED AT							
	I9CWT4	1070.	12.25	162.	41.	39.	1.38
2 COMBINED AT							
	I10WT4	2358.	13.00	499.	125.	121.	4.91
2 COMBINED AT							
	CPWT4	5894.	12.83	811.	204.	196.	19.80
ROUTED TO							
	SRWT4	0.	.08	0.	0.	0.	19.80
2 COMBINED AT							
	NONE	0.	.08	0.	0.	0.	40.28
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
HYDROGRAPH AT							
	104	236.	12.17	20.	5.	5.	.15
ROUTED TO							
	R104	89.	14.67	20.	5.	5.	.15
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							
	CP112	765.	13.33	202.	51.	49.	1.62
DIVERSION TO							
	DI120	255.	13.33	67.	17.	16.	1.62

HYDROGRAPH AT							
+	D112	510.	13.33	135.	34.	33.	1.62
DIVERSION TO							
	1D121A	255.	13.33	67.	17.	16.	1.62
HYDROGRAPH AT							
+	D112	255.	13.33	68.	17.	16.	1.62
ROUTED TO							
+	R112	227.	13.83	67.	17.	16.	1.62
HYDROGRAPH AT							
+	113A	409.	13.08	106.	27.	26.	.50
2 COMBINED AT							
+	CP113A	480.	13.17	172.	43.	42.	2.12
ROUTED TO							
+	R113A	471.	13.58	171.	43.	42.	2.12
HYDROGRAPH AT							
+	D112	255.	13.33	67.	17.	16.	1.62
ROUTED TO							
+	R112	236.	13.67	67.	17.	16.	1.62
HYDROGRAPH AT							
+	121A	324.	12.92	60.	15.	14.	.50
2 COMBINED AT							
+	1I121A	350.	12.92	125.	32.	31.	2.12
2 COMBINED AT							
+	CP121A	804.	13.50	296.	75.	73.	2.62
ROUTED TO							
+	R121A	797.	13.67	294.	75.	73.	2.62
HYDROGRAPH AT							
+	131A	354.	13.08	79.	20.	19.	.49
2 COMBINED AT							
+	1I131A	1011.	13.42	371.	95.	91.	3.11
HYDROGRAPH AT							
+	D111	166.	12.67	26.	7.	6.	.50
ROUTED TO							
+	R111	136.	13.33	26.	7.	6.	.50
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
	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
	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	255.	13.33	67.	17.	16.	1.62
	ROUTED TO						
+		R112	226.	13.92	67.	17.	16.	1.62
	2 COMBINED AT						
+		CP120	998.	13.58	331.	84.	81.	3.49
	ROUTED TO						
+		R120	976.	14.00	330.	84.	81.	3.49
	HYDROGRAPH AT						
+		D119	410.	13.17	98.	25.	24.	1.36
	ROUTED TO						
+		R119	383.	13.50	98.	25.	24.	1.36
	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
	HYDROGRAPH AT						
+		D119A	0.	.08	0.	0.	0.	1.83
	ROUTED TO						
		R119A	0.	.08	0.	0.	0.	1.83
	HYDROGRAPH AT						
+		130	647.	13.25	172.	43.	41.	1.00
	2 COMBINED AT						

+		II130	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
	3 COMBINED AT							
+		CP130	1644.	13.42	712.	182.	175.	5.33
	DIVERSION TO							
+		DI144	757.	13.42	235.	59.	57.	5.33
	HYDROGRAPH AT							
+		D130	887.	13.42	477.	123.	118.	5.33
	ROUTED TO							
+		R130	884.	13.67	475.	123.	118.	5.33
	2 COMBINED AT							
+		CP131A	1874.	13.58	843.	218.	210.	6.82
	ROUTED TO							
+		R131A	1861.	13.67	840.	218.	210.	6.82
	HYDROGRAPH AT							
+		145A	327.	13.08	73.	18.	18.	.49
	2 COMBINED AT							
		II145A	2036.	13.58	907.	236.	227.	7.31
	HYDROGRAPH AT							
+		141	460.	12.33	47.	12.	11.	.47
	ROUTED TO							
+		R141	456.	12.42	47.	12.	11.	.47
	HYDROGRAPH AT							
+		141A	202.	12.17	14.	4.	3.	.14
	2 COMBINED AT							
+		CP141A	540.	12.33	61.	15.	15.	.61
	ROUTED TO							
+		R141A	504.	12.50	61.	15.	15.	.61
	HYDROGRAPH AT							
+		142	351.	13.00	74.	18.	18.	.51
	2 COMBINED AT							
+		CP142	692.	12.50	134.	34.	32.	1.12
	ROUTED TO							
+		R142	656.	12.92	134.	34.	32.	1.12
	HYDROGRAPH AT							
		143	354.	13.00	75.	19.	18.	.50
	2 COMBINED AT							
+		CP143	992.	13.00	209.	52.	50.	1.62

	ROUTED TO						
+		R143	973.	13.08	209.	52.	50.	1.62
	HYDROGRAPH AT						
		D130	757.	13.42	235.	59.	57.	5.33
	ROUTED TO						
+		R130	732.	14.00	235.	59.	57.	5.33
	HYDROGRAPH AT						
+		144	351.	13.00	74.	18.	18.	.51
	2 COMBINED AT						
+		1I144	823.	13.83	309.	77.	74.	5.84
	2 COMBINED AT						
+		CP144	1372.	13.67	517.	129.	125.	7.46
	DIVERSION TO						
+		D164A	114.	13.67	32.	8.	8.	7.46
	HYDROGRAPH AT						
+		D144	1258.	13.67	486.	122.	117.	7.46
	ROUTED TO						
+		R144	1240.	13.92	485.	122.	117.	7.46
	2 COMBINED AT						
+		CP145A	3216.	13.75	1391.	357.	344.	9.44
	ROUTED TO						
		R145A	3204.	13.83	1388.	357.	344.	9.44
	HYDROGRAPH AT						
+		D144	114.	13.67	32.	8.	8.	7.46
	ROUTED TO						
+		R144	97.	15.83	32.	8.	8.	7.46
	HYDROGRAPH AT						
+		164A	365.	13.08	82.	20.	20.	.49
	2 COMBINED AT						
+		1I164A	364.	13.08	104.	28.	27.	7.95
	2 COMBINED AT						
+		2I164A	3362.	13.50	1485.	385.	371.	9.93
	HYDROGRAPH AT						
		159	531.	12.33	51.	13.	12.	.58
	ROUTED TO						
		R159	525.	12.42	51.	13.	12.	.58
	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

	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
	HYDROGRAPH AT						
+	162	268.	12.50	34.	8.	8.	.25
	ROUTED TO						
+	R162	197.	13.17	34.	8.	8.	.25
	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
	2 COMBINED AT						
+	CP164A	4617.	13.33	1769.	457.	440.	12.40
	ROUTED TO						
+	R164A	4574.	13.50	1765.	457.	440.	12.40
	HYDROGRAPH AT						
+	177A	334.	13.08	73.	18.	17.	.49
	2 COMBINED AT						
+	1I177A	4778.	13.42	1825.	474.	457.	12.89
	HYDROGRAPH AT						
+	D163	0.	.08	0.	0.	0.	2.47
	ROUTED TO						
+	R163	0.	.08	0.	0.	0.	2.47
	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
2 COMBINED AT							
	CP177A	5111.	13.50	1913.	496.	478.	13.51
ROUTED TO							
+	R177A	5081.	13.58	1909.	496.	478.	13.51
HYDROGRAPH AT							
+	192A	345.	13.08	75.	19.	18.	.50
2 COMBINED AT							
+	1I192A	5264.	13.58	1968.	514.	495.	14.01
HYDROGRAPH AT							
+	174	612.	12.25	55.	14.	13.	.45
ROUTED TO							
+	R174	410.	12.75	55.	14.	13.	.45
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
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
HYDROGRAPH AT							
+	D175	375.	12.25	34.	9.	8.	.28
ROUTED TO							
	R175	342.	12.42	34.	9.	8.	.28
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

+	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
3 COMBINED AT +	CP130	1644.	13.42	712.	182.	175.	5.33
DIVERSION TO +	DI144	757.	13.42	235.	59.	57.	5.33
HYDROGRAPH AT +	D130	887.	13.42	477.	123.	118.	5.33
ROUTED TO +	R130	884.	13.67	475.	123.	118.	5.33
2 COMBINED AT +	CP131A	1874.	13.58	843.	218.	210.	6.82
ROUTED TO +	R131A	1861.	13.67	840.	218.	210.	6.82
HYDROGRAPH AT +	145A	327.	13.08	73.	18.	18.	.49
2 COMBINED AT	1I145A	2036.	13.58	907.	236.	227.	7.31
HYDROGRAPH AT +	141	460.	12.33	47.	12.	11.	.47
ROUTED TO +	R141	456.	12.42	47.	12.	11.	.47
HYDROGRAPH AT +	141A	202.	12.17	14.	4.	3.	.14
2 COMBINED AT +	CP141A	540.	12.33	61.	15.	15.	.61
ROUTED TO +	R141A	504.	12.50	61.	15.	15.	.61
HYDROGRAPH AT +	142	351.	13.00	74.	18.	18.	.51
2 COMBINED AT +	CP142	692.	12.50	134.	34.	32.	1.12
ROUTED TO +	R142	656.	12.92	134.	34.	32.	1.12
HYDROGRAPH AT +	143	354.	13.00	75.	19.	18.	.50
2 COMBINED AT +	CP143	992.	13.00	209.	52.	50.	1.62

	ROUTED TO						
+		R143	973.	13.08	209.	52.	50.	1.62
	HYDROGRAPH AT						
		D130	757.	13.42	235.	59.	57.	5.33
	ROUTED TO						
+		R130	732.	14.00	235.	59.	57.	5.33
	HYDROGRAPH AT						
+		144	351.	13.00	74.	18.	18.	.51
	2 COMBINED AT						
+		1I144	823.	13.83	309.	77.	74.	5.84
	2 COMBINED AT						
+		CP144	1372.	13.67	517.	129.	125.	7.46
	DIVERSION TO						
+		D164A	114.	13.67	32.	8.	8.	7.46
	HYDROGRAPH AT						
+		D144	1258.	13.67	486.	122.	117.	7.46
	ROUTED TO						
+		R144	1240.	13.92	485.	122.	117.	7.46
	2 COMBINED AT						
+		CP145A	3216.	13.75	1391.	357.	344.	9.44
	ROUTED TO						
+		R145A	3204.	13.83	1388.	357.	344.	9.44
	HYDROGRAPH AT						
+		D144	114.	13.67	32.	8.	8.	7.46
	ROUTED TO						
+		R144	97.	15.83	32.	8.	8.	7.46
	HYDROGRAPH AT						
+		164A	365.	13.08	82.	20.	20.	.49
	2 COMBINED AT						
+		1I164A	364.	13.08	104.	28.	27.	7.95
	2 COMBINED AT						
+		2I164A	3362.	13.50	1485.	385.	371.	9.93
	HYDROGRAPH AT						
+		159	531.	12.33	51.	13.	12.	.58
	ROUTED TO						
+		R159	525.	12.42	51.	13.	12.	.58
	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

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
HYDROGRAPH AT	162	268.	12.50	34.	8.	8.	.25
ROUTED TO	R162	197.	13.17	34.	8.	8.	.25
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
2 COMBINED AT	CP164A	4617.	13.33	1769.	457.	440.	12.40
ROUTED TO	R164A	4574.	13.50	1765.	457.	440.	12.40
HYDROGRAPH AT	177A	334.	13.08	73.	18.	17.	.49
2 COMBINED AT	1I177A	4778.	13.42	1825.	474.	457.	12.89
HYDROGRAPH AT	D163	0.	.08	0.	0.	0.	2.47
ROUTED TO	R163	0.	.08	0.	0.	0.	2.47
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
2 COMBINED AT							
+	CP177A	5111.	13.50	1913.	496.	478.	13.51
ROUTED TO							
+	R177A	5081.	13.58	1909.	496.	478.	13.51
HYDROGRAPH AT							
+	192A	345.	13.08	75.	19.	18.	.50
2 COMBINED AT							
+	1I192A	5264.	13.58	1968.	514.	495.	14.01
HYDROGRAPH AT							
+	174	612.	12.25	55.	14.	13.	.45
ROUTED TO							
+	R174	410.	12.75	55.	14.	13.	.45
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
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
HYDROGRAPH AT							
+	D175	375.	12.25	34.	9.	8.	.28
ROUTED TO							
+	R175	342.	12.42	34.	9.	8.	.28
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

	HYDROGRAPH AT						
+		189	521.	12.42	57.	14.	14.	.51
	2 COMBINED AT						
		CP189	942.	12.58	133.	33.	32.	1.26
	ROUTED TO						
+		R189	777.	13.17	133.	33.	32.	1.26
	HYDROGRAPH AT						
+		190	657.	12.92	128.	32.	31.	.86
	2 COMBINED AT						
+		CP190	1336.	13.00	260.	65.	63.	2.12
	ROUTED TO						
+		R190	1271.	13.33	260.	65.	63.	2.12
	HYDROGRAPH AT						
+		D176A	0.	.08	0.	0.	0.	3.09
	ROUTED TO						
+		R176A	0.	.08	0.	0.	0.	3.09
	3 COMBINED AT						
+		1I191	1771.	13.25	393.	99.	95.	6.33
	HYDROGRAPH AT						
+		191	610.	13.25	149.	37.	36.	.99
	2 COMBINED AT						
		CP191	2379.	13.25	541.	136.	131.	7.32
	DIVERSION TO						
+		1D208	1339.	12.83	440.	110.	106.	7.32
	HYOROGRAPH AT						
+		D191	1040.	13.25	101.	25.	24.	7.32
	ROUTED TO						
+		R191	949.	13.50	101.	25.	24.	7.32
	2 COMBINEO AT						
+		CP192A	6061.	13.50	2042.	532.	513.	18.24
	DIVERSION TO						
+		2D209A	6061.	13.50	2042.	532.	513.	18.24
	HYDROGRAPH AT						
+		D192A	0.	.08	0.	0.	0.	18.24
	HYDROGRAPH AT						
+		188	240.	12.25	19.	5.	5.	.19
	ROUTED TO						
+		R188	188.	12.42	19.	5.	5.	.19
	HYDROGRAPH AT						
+		207A	469.	12.42	48.	12.	12.	.50
	2 COMBINED AT						
+		CP207A	656.	12.42	57.	17.	16.	.69

	ROUTED TO						
+	R207A	626.	12.50	67.	17.	16.	.69
	HYDROGRAPH AT						
+	214	208.	12.25	18.	5.	4.	.16
	2 COMBINED AT						
+	CP214	729.	12.42	85.	21.	21.	.85
	ROUTED TO						
+	R214	688.	12.50	85.	21.	21.	.85
	HYDROGRAPH AT						
+	215A	497.	12.42	55.	14.	13.	.45
	ROUTED TO						
+	R215A	477.	12.50	55.	14.	13.	.45
	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	1503.	12.42	184.	46.	44.	1.65
	ROUTED TO						
+	R215	1384.	12.67	184.	46.	44.	1.65
	HYDROGRAPH AT						
+	233	496.	12.42	56.	14.	13.	.50
	2 COMBINED AT						
+	CP233	1709.	12.58	240.	60.	58.	2.15
	ROUTED TO						
+	R233	1618.	12.75	239.	60.	58.	2.15
	HYDROGRAPH AT						
+	216	366.	12.92	69.	17.	17.	.51
	ROUTED TO						
+	R216	350.	13.08	69.	17.	17.	.51
	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	2103.	12.83	389.	97.	94.	3.19
	DIVERSION TO						
	1D248	1002.	12.83	143.	36.	34.	3.19
	HYDROGRAPH AT						
+	D234	1102.	12.83	246.	61.	59.	3.19
	ROUTED TO						

+	R234	970.	13.25	246.	61.	59.	3.19
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
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
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	1448.	13.25	389.	98.	94.	5.05
DIVERSION TO							
+	2D248	760.	13.25	185.	46.	45.	5.05
HYDROGRAPH AT							
+	D235	688.	13.25	204.	51.	49.	5.05
ROUTED TO							
+	R235	651.	13.67	202.	51.	49.	5.05
HYDROGRAPH AT							
+	D191	1339.	12.83	440.	110.	106.	7.32
ROUTED TO							
+	R191	1339.	13.75	438.	110.	106.	7.32
HYDROGRAPH AT							
+	208	632.	13.17	149.	37.	36.	1.00
2 COMBINED AT							
+	1I208	1929.	13.25	585.	147.	142.	8.32
HYDROGRAPH AT							
+	D207	476.	13.25	118.	29.	28.	1.00

	ROUTED TO						
+		R207	428.	13.75	118.	29.	28.	1.00
	2 COMBINED AT						
		CP208	2188.	13.33	702.	177.	170.	9.32
	DIVERSION TO						
+		1D219	628.	13.33	277.	70.	68.	9.32
	HYDROGRAPH AT						
+		D208	1560.	13.33	424.	107.	103.	9.32
	DIVERSION TO						
+		DI209A	1551.	13.33	422.	106.	102.	9.32
	HYDROGRAPH AT						
+		D208	8.	13.33	2.	0.	0.	9.32
	ROUTED TO						
+		R208	8.	14.17	2.	0.	0.	9.32
	HYDROGRAPH AT						
+		218	624.	13.25	153.	38.	37.	1.00
	2 COMBINED AT						
+		1I218	621.	13.25	154.	39.	37.	10.32
	HYDROGRAPH AT						
+		D217	91.	13.08	38.	9.	9.	1.49
	ROUTED TO						
+		R217	86.	13.83	38.	9.	9.	1.49
	2 COMBINED AT						
+		CP218	676.	13.25	191.	48.	46.	10.81
	DIVERSION TO						
+		DI237	424.	13.25	133.	33.	32.	10.81
	HYDROGRAPH AT						
+		D218	252.	13.25	58.	14.	14.	10.81
	DIVERSION TO						
+		2D219	59.	13.25	14.	3.	3.	10.81
	HYDROGRAPH AT						
+		D218	193.	13.25	44.	11.	11.	10.81
	ROUTED TO						
+		R218	181.	13.50	44.	11.	11.	10.81
	HYDROGRAPH AT						
+		236	582.	13.25	146.	37.	35.	1.00
	2 COMBINED AT						
+		1I236	718.	13.33	189.	47.	46.	11.81
	2 COMBINED AT						
+		CP236	1233.	13.50	385.	97.	94.	15.37
	DIVERSION TO						
+		DI249	328.	13.50	70.	17.	17.	15.37

	HYDROGRAPH AT						
+		D236	905.	13.50	316.	80.	77.	15.37
	DIVERSION TO						
+		1D250	407.	13.50	103.	26.	25.	15.37
	HYDROGRAPH AT						
+		D236	498.	13.50	212.	54.	52.	15.37
	ROUTED TO						
+		R236	495.	13.67	212.	54.	52.	15.37
	HYDROGRAPH AT						
+		D192A	6061.	13.50	2042.	532.	513.	18.24
	ROUTED TO						
+		R192A	6000.	13.67	2038.	532.	512.	18.24
	HYDROGRAPH AT						
+		209A	335.	13.08	75.	19.	18.	.50
	2 COMBINED AT						
+		1I209A	6168.	13.67	2095.	550.	530.	18.74
	HYDROGRAPH AT						
+		D208	1551.	13.33	422.	106.	102.	9.32
	ROUTED TO						
+		R208	1526.	13.67	422.	106.	102.	9.32
	2 COMBINED AT						
+		CP209A	7644.	13.67	2498.	651.	627.	20.74
	ROUTED TO						
+		R209A	7517.	13.75	2491.	651.	627.	20.74
	HYDROGRAPH AT						
+		D208	628.	13.33	277.	70.	68.	9.32
	ROUTED TO						
+		R208	613.	14.83	260.	69.	66.	9.32
	HYDROGRAPH AT						
+		219	343.	13.08	76.	19.	18.	.50
	2 COMBINED AT						
+		1I219	631.	14.75	309.	88.	85.	9.82
	2 COMBINED AT						
+		2I219	7662.	13.75	2787.	737.	710.	21.24
	HYDROGRAPH AT						
+		D218	59.	13.25	14.	3.	3.	10.81
	ROUTED TO						
		R218	52.	14.00	14.	3.	3.	10.81
	2 COMBINED AT						
+		CP219	7682.	13.75	2793.	738.	711.	22.73
	ROUTED TO						

+	R219	7536.	13.83	2786.	737.	710.	22.73
HYDROGRAPH AT +	D218	424.	13.25	133.	33.	32.	10.81
ROUTED TO +	R218	383.	14.00	130.	33.	32.	10.81
HYDROGRAPH AT +	237	300.	13.25	73.	18.	18.	.50
2 COMBINED AT +	1I237	519.	13.83	197.	51.	50.	11.31
2 COMBINED AT +	2I237	8035.	13.83	2963.	787.	758.	23.23
2 COMBINED AT +	CP237	8442.	13.83	3140.	835.	804.	27.79
ROUTED TO +	R237	8301.	13.92	3133.	833.	803.	27.79
HYDROGRAPH AT +	D236	407.	13.50	103.	26.	25.	15.37
ROUTED TO +	R236	293.	16.08	93.	25.	24.	15.37
HYDROGRAPH AT	250	316.	13.08	71.	18.	17.	.49
2 COMBINED AT +	1I250	310.	13.08	138.	42.	41.	15.96
2 COMBINED AT +	2I25D	8405.	13.92	3257.	874.	842.	28.38
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
HYDROGRAPH AT +	248	592.	13.25	152.	38.	37.	1.00
HYDROGRAPH AT +	D234	1002.	12.83	143.	36.	34.	3.19
ROUTED TO +	R234	754.	13.50	143.	36.	34.	3.19
2 COMBINED AT +	1I248	1297.	13.42	294.	74.	71.	4.19

2 COMBINED AT							
+	2I248	1591.	13.42	370.	92.	89.	4.69
HYDROGRAPH AT							
	D235	760.	13.25	185.	46.	45.	5.05
ROUTED TO							
+	R235	679.	13.83	185.	46.	45.	5.05
2 COMBINED AT							
+	CP248	2100.	13.50	554.	139.	134.	6.65
DIVERSION TO							
+	DI262	1892.	13.50	517.	129.	125.	6.65
HYDROGRAPH AT							
+	D248	208.	13.50	37.	9.	9.	6.65
ROUTED TO							
+	R248	186.	14.25	37.	9.	9.	6.65
HYDROGRAPH AT							
+	249	571.	13.25	143.	36.	35.	1.00
2 COMBINED AT							
+	1I249	570.	13.25	180.	45.	43.	7.65
HYDROGRAPH AT							
+	D236	328.	13.50	70.	17.	17.	15.37
ROUTED TO							
+	R236	324.	13.75	70.	17.	17.	15.37
2 COMBINED AT							
+	CP249	707.	13.67	245.	61.	59.	17.97
DIVERSION TO							
+	DI264	81.	13.67	23.	6.	6.	17.97
HYDROGRAPH AT							
+	D249	626.	13.67	222.	56.	53.	17.97
ROUTED TO							
+	R249	618.	14.08	222.	56.	53.	17.97
2 COMBINED AT							
+	CP250	8965.	13.92	3456.	926.	892.	30.88
DIVERSION TO							
+	DI265	8965.	13.92	3456.	926.	892.	30.88
HYDROGRAPH AT							
+	D250	0.	.08	0.	0.	0.	30.88
2 COMBINED AT							
	NONE	0.	.08	0.	0.	0.	49.12
HYDROGRAPH AT							
+	232	402.	12.25	38.	9.	9.	.32
ROUTED TO							
+	R232	326.	12.67	38.	9.	9.	.32

	HYDROGRAPH AT						
+	246	670.	12.50	84.	21.	20.	.75
	2 COMBINED AT						
+	CP246	956.	12.58	121.	30.	29.	1.07
	ROUTED TO						
+	R246	881.	12.75	121.	30.	29.	1.07
	HYDROGRAPH AT						
+	260	536.	12.33	56.	15.	14.	.50
	2 COMBINED AT						
+	CP260	1064.	12.67	177.	45.	43.	1.57
	ROUTED TO						
+	R260	1000.	12.92	177.	45.	43.	1.57
	HYDROGRAPH AT						
+	273	671.	12.42	75.	19.	18.	.65
	2 COMBINED AT						
+	CP273	1188.	12.75	252.	64.	62.	2.22
	ROUTED TO						
+	R273	1175.	12.83	252.	64.	62.	2.22
	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
	2 COMBINED AT						
+	CP261	264.	13.17	62.	16.	15.	1.01
	DIVERSION TO						
+	DI277	98.	13.17	22.	5.	5.	1.01
	HYDROGRAPH AT						
+	D261	166.	13.17	40.	10.	10.	1.01
	ROUTED TO						
+	R261	149.	13.75	40.	10.	10.	1.01
	HYDROGRAPH AT						
+	274	329.	13.50	94.	23.	23.	.66
	2 COMBINED AT						
+	1I274	465.	13.58	134.	33.	32.	1.67
	2 COMBINED AT						
	CP274	1368.	12.92	385.	97.	94.	3.89
	ROUTED TO						
+	R274	1362.	13.00	385.	97.	94.	3.89
	HYDROGRAPH AT						

+	275	136.	12.42	17.	4.	4.	.11
2 COMBINED AT							
+	CP275	1393.	12.92	401.	101.	98.	4.00
ROUTED TO							
+	R275	1375.	13.00	401.	101.	98.	4.00
HYOROGRAPH AT							
+	276	187.	13.00	38.	10.	9.	.26
2 COMBINED AT							
+	CP276	1561.	13.00	439.	111.	107.	4.26
ROUTED TO							
+	R276	1546.	13.17	439.	111.	107.	4.26
HYDROGRAPH AT							
+	D248	1892.	13.50	517.	129.	125.	6.65
ROUTED TO							
+	R248	1844.	13.83	516.	129.	125.	6.65
HYDROGRAPH AT							
+	262	616.	13.25	149.	37.	36.	1.03
2 COMBINED AT							
+	CP262	2181.	13.75	663.	167.	161.	7.68
DIVERSION TO							
	1D278	672.	13.75	221.	56.	54.	7.68
HYDROGRAPH AT							
+	D262	1508.	13.75	441.	111.	107.	7.68
DIVERSION TO							
+	DI263	1006.	13.75	307.	77.	75.	7.68
HYDROGRAPH AT							
+	D262	502.	13.75	135.	34.	32.	7.68
ROUTED TO							
+	R262	456.	14.50	134.	34.	32.	7.68
HYDROGRAPH AT							
+	D261	98.	13.17	22.	5.	5.	1.01
ROUTED TO							
+	R261	32.	18.00	21.	5.	5.	1.01
HYDROGRAPH AT							
+	277	570.	13.08	127.	32.	31.	.91
2 COMBINED AT							
+	1I277	569.	13.08	127.	38.	36.	1.92
2 COMBINED AT							
+	2I277	569.	13.08	256.	71.	69.	9.00
2 COMBINED AT							
+	CP277	2089.	13.08	688.	181.	174.	12.25

	ROUTED TO						
+		R277	2084.	13.17	688.	181.	174.	12.25
	HYDROGRAPH AT						
		279D	33.	12.17	3.	1.	1.	.02
	2 COMBINED AT						
+		CP279D	2084.	13.17	690.	181.	175.	12.27
	ROUTED TO						
+		R279D	2086.	13.17	690.	181.	175.	12.27
	HYDROGRAPH AT						
+		279C	78.	12.25	8.	2.	2.	.05
	2 COMBINED AT						
+		CP279C	2086.	13.17	695.	183.	176.	12.32
	ROUTED TO						
+		R279C	2058.	13.25	694.	183.	176.	12.32
	HYDROGRAPH AT						
+		279B	46.	12.25	4.	1.	1.	.03
	2 COMBINED AT						
+		CP279B	2058.	13.25	697.	184.	177.	12.35
	ROUTED TO						
+		R279B	2045.	13.42	696.	184.	177.	12.35
	HYDROGRAPH AT						
+		279A	89.	12.33	10.	3.	2.	.07
	2 COMBINED AT						
+		CP279A	2045.	13.42	701.	187.	180.	12.42
	ROUTED TO						
+		R279A	2024.	13.50	700.	186.	179.	12.42
	HYDROGRAPH AT						
+		279	79.	12.25	7.	2.	2.	.05
	2 COMBINED AT						
+		1I279	2024.	13.50	701.	188.	181.	12.47
	HYDROGRAPH AT						
+		D262	1006.	13.75	307.	77.	75.	7.68
	ROUTED TO						
+		R262	979.	14.08	306.	77.	75.	7.68
	HYDROGRAPH AT						
+		263	328.	13.08	72.	18.	17.	.50
	2 COMBINED AT						
		CP263	1065.	14.00	376.	95.	92.	8.18
	DIVERSION TO						
+		2D278	728.	14.00	265.	67.	65.	8.18
	HYDROGRAPH AT						
+		D263	337.	14.00	112.	28.	27.	8.18

	ROUTED TO						
+		R263	327.	14.25	111.	28.	27.	8.18
	HYDROGRAPH AT						
+		D249	81.	13.67	23.	6.	6.	17.97
	ROUTED TO						
+		R249	74.	14.67	23.	6.	6.	17.97
	HYDROGRAPH AT						
+		264	337.	13.00	70.	18.	17.	.50
	2 COMBINED AT						
+		1I264	329.	13.00	91.	23.	22.	18.47
	2 COMBINED AT						
+		CP264	407.	14.25	198.	50.	48.	20.00
	HYDROGRAPH AT						
+		D250	8965.	13.92	3456.	926.	892.	30.88
	ROUTED TO						
+		R250	8843.	14.08	3448.	923.	889.	30.88
	HYDROGRAPH AT						
+		265	118.	13.33	31.	8.	8.	.22
	2 COMBINED AT						
+		1I265	8898.	14.08	3470.	931.	896.	31.10
	2 COMBINED AT						
+		CP265	9250.	14.08	3634.	978.	942.	33.13
	ROUTED TO						
+		R265	9139.	14.17	3625.	975.	939.	33.13
	HYDROGRAPH AT						
+		D262	672.	13.75	221.	56.	54.	7.68
	ROUTED TO						
+		R262	614.	15.50	220.	56.	54.	7.68
	HYDROGRAPH AT						
+		278	537.	13.33	138.	35.	34.	1.00
	2 COMBINED AT						
+		1I278	630.	15.50	320.	91.	87.	8.68
	HYDROGRAPH AT						
		D263	728.	14.00	265.	67.	65.	8.18
	ROUTED TO						
		R263	686.	15.08	253.	67.	64.	8.18
	2 COMBINED AT						
		2I278	1242.	15.42	558.	157.	152.	9.18
	2 COMBINED AT						
		CP278	9349.	14.17	4151.	1125.	1084.	34.13
	ROUTED TO						

+	R278	9355.	14.17	4151.	1124.	1083.	34.13
2 COMBINED AT +	CP279	10656.	14.17	4791.	1299.	1251.	38.92
ROUTED TO +	R279	10665.	14.17	4790.	1298.	1250.	38.92
HYDROGRAPH AT +	294A	368.	12.25	34.	8.	8.	.26
2 COMBINED AT +	CP294A	10664.	14.17	4790.	1306.	1258.	39.18
ROUTED TO +	R294A	10617.	14.17	4785.	1304.	1256.	39.18
HYDROGRAPH AT +	295	419.	12.25	41.	10.	10.	.31
2 COMBINED AT +	CP295	10617.	14.17	4786.	1313.	1265.	39.49
ROUTED TO +	R295	10508.	14.25	4777.	1310.	1261.	39.49
HYDROGRAPH AT +	311	420.	13.33	107.	27.	26.	.73
2 COMBINED AT	CP311	10643.	14.25	4844.	1334.	1285.	40.22
ROUTED TO +	R311	10540.	14.33	4838.	1331.	1282.	40.22
HYDROGRAPH AT +	330	467.	12.83	87.	23.	22.	.59
2 COMBINED AT +	1I330	10550.	14.33	4862.	1352.	1302.	40.81
HYDROGRAPH AT +	265A	627.	13.08	137.	34.	33.	.95
ROUTED TO +	R265A	527.	14.00	136.	34.	33.	.95
HYDROGRAPH AT +	281	487.	13.25	122.	31.	29.	.85
2 COMBINED AT +	CP281	775.	13.92	256.	65.	62.	1.80
ROUTED TO +	SR281	764.	14.00	244.	61.	59.	1.80
DIVERSION TO +	DI280	58.	14.00	18.	5.	4.	1.80
HYDROGRAPH AT +	D281	706.	14.00	225.	57.	55.	1.80

ROUTED TO	R281	700.	14.17	225.	57.	55.	1.80
HYDROGRAPH AT	282	161.	12.33	17.	4.	4.	.12
2 COMBINED AT	CP282	700.	14.17	241.	61.	59.	1.92
ROUTED TO	SR282	585.	14.50	241.	61.	59.	1.92
ROUTED TO	R282	560.	15.50	234.	61.	59.	1.92
HYDROGRAPH AT	280	340.	13.33	89.	22.	21.	.61
HYDROGRAPH AT	D281	58.	14.00	18.	5.	4.	1.80
ROUTED TO	R281	57.	14.08	18.	5.	4.	1.80
2 COMBINED AT	CP280	373.	13.33	107.	27.	26.	2.41
ROUTED TO	SR280	232.	14.08	107.	27.	26.	2.41
ROUTED TO	R280	224.	15.00	106.	27.	26.	2.41
HYDROGRAPH AT	280A	53.	12.75	9.	2.	2.	.06
2 COMBINED AT	CP280A	224.	15.00	111.	29.	28.	2.47
ROUTED TO	SR280A	206.	15.58	72.	18.	17.	2.47
ROUTED TO	R280A	155.	18.17	64.	17.	16.	2.47
HYDROGRAPH AT	296	565.	13.00	117.	29.	28.	.81
3 COMBINED AT	CP296	564.	13.00	334.	107.	103.	3.40
ROUTED TO	R296	496.	17.00	320.	103.	100.	3.40
HYDROGRAPH AT	312	423.	13.17	97.	24.	23.	.66
2 COMBINED AT	CP312	496.	17.00	355.	128.	123.	4.06
ROUTED TO	R312	480.	18.42	346.	117.	113.	4.06

	HYDROGRAPH AT						
+	331	489.	13.08	109.	28.	27.	.75
	2 COMBINED AT						
+	1I331	488.	13.08	350.	145.	139.	4.81
	HYDROGRAPH AT						
+	295A	114.	12.08	8.	2.	2.	.06
	ROUTED TO						
+	R295A	56.	13.17	8.	2.	2.	.06
	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
	2 COMBINED AT						
+	CP331	500.	13.08	385.	158.	153.	5.18
	2 COMBINED AT						
+	CP330	10679.	14.33	5198.	1495.	1440.	45.99
	ROUTED TO						
+	R330	10596.	14.50	5192.	1490.	1435.	45.99
	HYDROGRAPH AT						
+	346A	110.	13.00	23.	6.	6.	.16
	2 COMBINED AT						
+	CP346A	10602.	14.50	5201.	1495.	1440.	46.15
	ROUTED TO						
+	R346A	10575.	14.58	5198.	1489.	1434.	46.15
	DIVERSION TO						
+	1D378G	10575.	14.58	5198.	1489.	1434.	46.15
	HYDROGRAPH AT						
+	D346A	0.	.08	0.	0.	0.	46.15
	2 COMBINED AT						
+	NONE	0.	.08	0.	0.	0.	95.27
	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
	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
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
2 COMBINED AT							
+	CP108	1158.	12.75	283.	71.	68.	1.93
ROUTED TO							
+	R108	1123.	13.25	283.	71.	68.	1.93
HYDROGRAPH AT							
+	105	354.	12.25	34.	9.	8.	.21
ROUTEO TO							
	R105	345.	12.33	34.	9.	8.	.21
HYDROGRAPH AT							
+	106	871.	12.50	111.	28.	27.	.77
2 COMBINED AT							
+	CP106	1164.	12.42	145.	36.	35.	.98
ROUTED TO							
+	R106	1039.	12.67	145.	36.	35.	.98
HYDROGRAPH AT							
+	107	398.	13.08	88.	22.	21.	.60
2 COMBINED AT							
+	CP107	1287.	12.67	233.	58.	56.	1.58
ROUTED TO							
+	R107	1164.	13.08	233.	58.	56.	1.58
HYDROGRAPH AT							
+	115	379.	13.08	89.	22.	22.	.49
2 COMBINED AT							
+	1I115	1542.	13.08	322.	81.	78.	2.07
2 COMBINED AT							
+	2I115	2639.	13.17	604.	151.	146.	4.00
HYDROGRAPH AT							
+	113	431.	13.08	117.	29.	28.	.50

	ROUTED TO						
+	R113	412.	13.33	117.	29.	28.	.50
	HYDROGRAPH AT						
	114	326.	13.00	84.	21.	20.	.38
	2 COMBINED AT						
+	CP114	685.	13.17	201.	50.	48.	.88
	ROUTED TO						
+	R114	681.	13.25	200.	50.	48.	.88
	2 COMBINED AT						
+	CP115	3305.	13.17	803.	201.	194.	4.88
	ROUTED TO						
+	R115	3139.	13.58	802.	201.	194.	4.88
	HYDROGRAPH AT						
+	100A	212.	12.50	31.	8.	7.	.18
	ROUTED TO						
+	R100A	101.	14.83	30.	8.	7.	.18
	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
	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
	HYDROGRAPH AT						
+	116	575.	13.50	166.	41.	40.	1.02
	2 COMBINED AT						
+	11116	892.	13.75	331.	93.	90.	2.31
	2 COMBINED AT						
+	CP116	4011.	13.58	1132.	294.	283.	7.19
	ROUTED TO						
+	R116	3983.	13.75	1130.	294.	283.	7.19
	HYDROGRAPH AT						
+	110	270.	12.83	51.	13.	12.	.31
	ROUTED TO						
+	R110	228.	13.50	51.	13.	12.	.31
	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	4266.	13.67	1238.	323.	311.	7.91
	HYDROGRAPH AT						
+		117A	195.	12.83	38.	9.	9.	.21
	ROUTED TO						
+		R117A	182.	13.08	38.	9.	9.	.21
	2 COMBINED AT						
+		CP117	4351.	13.67	1275.	332.	320.	8.12
	ROUTED TO						
+		R117	4338.	13.75	1274.	332.	320.	8.12
	HYDROGRAPH AT						
+		118	126.	12.83	23.	6.	6.	.15
	2 COMBINEO AT						
+		CP118	4360.	13.75	1295.	338.	325.	8.27
	DIVERSION TO						
+		DIC118	4360.	13.75	1295.	338.	325.	8.27
	HYDROGRAPH AT						
+		DCP118	0.	.08	0.	0.	0.	8.27
	2 COMBINEO AT						
+		NONE	0.	.08	0.	0.	0.	103.54
	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
	HYDROGRAPH AT						
+		134	334.	13.08	73.	18.	18.	.50
	2 COMBINED AT						
		CP134	334.	13.08	73.	18.	17.	.94
	ROUTED TO						
		R134	316.	13.17	73.	18.	17.	.94
	HYDROGRAPH AT						
		D123	338.	13.00	74.	18.	18.	.44
	ROUTED TO						
		R123	311.	13.33	74.	18.	18.	.44
	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
2 COMBINED AT							
+	1I135	319.	13.25	99.	25.	24.	1.51
HYDROGRAPH AT							
+	135	315.	13.17	72.	18.	17.	.49
2 COMBINED AT							
+	CP135	632.	13.17	171.	43.	41.	2.00
ROUTED TO							
	R135	598.	13.42	171.	43.	41.	2.00
HYDROGRAPH AT							
+	D124	308.	13.33	87.	22.	21.	1.01
ROUTED TO							
+	R124	297.	14.92	81.	22.	21.	1.01
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	825.	13.33	310.	82.	79.	2.46
ROUTED TO							
+	R136	801.	13.58	308.	82.	79.	2.46
HYDROGRAPH AT							
+	137	307.	13.42	85.	21.	20.	.54
2 COMBINED AT							
+	1I137	1081.	13.50	389.	103.	99.	3.00
HYDROGRAPH AT							
+	125	1044.	12.50	134.	33.	32.	1.00
HYDROGRAPH AT							
+	D124	200.	13.33	56.	14.	14.	1.01

ROUTED TO	R124	189.	13.83	56.	14.	14.	1.01
2 COMBINED AT	CP125	1047.	12.50	190.	47.	46.	1.57
DIVERSION TO	DI126	349.	12.50	63.	16.	15.	1.57
HYDROGRAPH AT	D125	698.	12.50	126.	32.	30.	1.57
DIVERSION TO	DI138	349.	12.50	63.	16.	15.	1.57
HYDROGRAPH AT	D125	350.	12.50	63.	16.	15.	1.57
ROUTED TO	R125	271.	13.08	63.	16.	15.	1.57
2 COMBINED AT	CP137	1254.	13.50	451.	118.	114.	4.00
ROUTED TO	R137	1192.	14.33	443.	117.	113.	4.00
HYDROGRAPH AT	126	562.	13.33	146.	36.	35.	.95
HYDROGRAPH AT	D125	349.	12.50	63.	16.	15.	1.57
ROUTED TO	R125	311.	12.75	63.	16.	15.	1.57
2 COMBINED AT	CP126	691.	13.25	208.	52.	50.	2.52
DIVERSION TO	DI139	552.	13.25	167.	42.	40.	2.52
HYDROGRAPH AT	D126	138.	13.25	42.	10.	10.	2.52
ROUTED TO	R126	123.	14.08	41.	10.	10.	2.52
HYDROGRAPH AT	D125	349.	12.50	63.	16.	15.	1.57
ROUTED TO	R125	149.	15.25	53.	15.	14.	1.57
HYDROGRAPH AT	138	587.	13.33	155.	39.	37.	1.00
2 COMBINED AT	1I138	586.	13.33	193.	53.	51.	2.57
2 COMBINED AT	2I138	611.	13.33	234.	64.	62.	3.52

	2 COMBINED AT						
+		CP138	1540.	14.25	652.	181.	174.	5.95
	DIVERSION TO						
+		BAS138	400.	13.00	361.	108.	104.	5.95
	HYDROGRAPH AT						
+		D138	1140.	14.25	291.	73.	70.	5.95
	ROUTED TO						
+		R138	1106.	14.75	290.	73.	70.	5.95
	HYDROGRAPH AT						
+		153	112.	13.33	30.	7.	7.	.20
	ROUTED TO						
+		SR153	111.	13.42	30.	7.	7.	.20
	ROUTED TO						
+		R153	96.	14.33	30.	7.	7.	.20
	HYDROGRAPH AT						
+		154	171.	12.58	26.	7.	6.	.17
	2 COMBINED AT						
+		1I154	170.	12.58	55.	14.	13.	.37
	2 COMBINED AT						
+		CP154	1189.	14.75	340.	87.	83.	6.32
	ROUTED TO						
+		R154	1074.	15.67	335.	87.	83.	6.32
	HYDROGRAPH AT						
+		157	946.	12.58	150.	37.	36.	.89
	2 COMBINED AT						
+		1I157	1074.	15.67	444.	124.	119.	7.21
	HYDROGRAPH AT						
+		127	469.	12.08	42.	12.	11.	.22
	ROUTED TO						
+		R127	255.	13.42	42.	12.	11.	.22
	HYDROGRAPH AT						
+		139	338.	13.08	77.	19.	19.	.47
	2 COMBINED AT						
+		1I139	521.	13.33	119.	31.	30.	.69
	HYDROGRAPH AT						
+		D126	552.	13.25	167.	42.	40.	2.52
	ROUTED TO						
		R126	528.	14.08	166.	42.	40.	2.52
	2 COMBINED AT						
+		2I139	784.	13.83	277.	73.	70.	3.21
	HYDROGRAPH AT						

+	140	194.	12.67	32.	8.	8.	.18
2 COMBINED AT +	CP139	795.	13.83	308.	81.	78.	3.39
ROUTED TO +	SR139	783.	13.92	308.	80.	77.	3.39
ROUTED TO +	R139	755.	14.25	306.	80.	77.	3.39
HYDROGRAPH AT +	156	252.	12.75	46.	12.	12.	.30
2 COMBINED AT +	CP156	765.	14.25	346.	92.	89.	3.69
ROUTED TO +	R156	700.	15.50	340.	91.	88.	3.69
2 COMBINED AT +	CP157	1754.	15.58	750.	215.	207.	8.38
ROUTED TO +	R157	1747.	15.75	748.	215.	207.	8.38
HYDROGRAPH AT +	172	122.	12.58	18.	5.	4.	.12
2 COMBINED AT	CP172	1747.	15.75	764.	219.	211.	8.50
ROUTED TO +	R172	1668.	16.08	760.	219.	211.	8.50
HYDROGRAPH AT +	173	198.	13.00	39.	10.	9.	.31
2 COMBINED AT +	CP173	1668.	16.08	793.	228.	220.	8.81
HYDROGRAPH AT +	156A	508.	12.17	46.	13.	13.	.31
ROUTED TO +	R156A	184.	14.17	45.	13.	13.	.31
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
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
	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
	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
	2 COMBINED AT						
+		CP158	557.	14.17	219.	62.	60.	2.42
	ROUTED TO						
+		R158	494.	14.67	217.	61.	59.	2.42
	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
	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
	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
	2 COMBINED AT						
+		RC173B	880.	14.58	354.	99.	96.	3.44

	2 COMBINED AT						
+		RCP173	1874.	16.00	1122.	321.	309.	15.46
	ROUTED TO						
+		RR173	1841.	16.17	1114.	321.	309.	15.46
	HYDROGRAPH AT						
+		171	409.	13.42	115.	29.	28.	.70
	ROUTED TO						
+		R171	388.	13.67	115.	29.	28.	.70
	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	1853.	16.17	1243.	356.	343.	16.36
	ROUTED TO						
+		RR173A	1763.	16.50	1217.	355.	342.	16.36
	HYDROGRAPH AT						
+		186	187.	13.25	48.	12.	12.	.33
	ROUTED TO						
+		R186	173.	13.67	48.	12.	12.	.33
	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	1768.	16.50	1257.	367.	354.	17.04
	ROUTED TO						
+		RR187	1710.	16.83	1232.	366.	352.	17.04
	HYDROGRAPH AT						
+		199	74.	13.08	16.	4.	4.	.11
	ROUTED TO						
+		R199	65.	13.67	16.	4.	4.	.11
	HYDROGRAPH AT						
+		200	231.	12.67	37.	9.	9.	.29
	2 COMBINED AT						
+		CP200	231.	12.67	53.	13.	13.	.40
	2 COMBINED AT						
		RCP200	1707.	16.83	1240.	377.	363.	23.45
	ROUTED TO						
+		RR200	1664.	17.08	1216.	372.	358.	23.45
	DIVERSION TO						

+	DIC200	1664.	17.08	1216.	372.	358.	23.45
HYDROGRAPH AT							
+	DCP200	0.	.08	0.	0.	0.	23.45
2 COMBINED AT							
+	NONE	0.	.08	0.	0.	0.	126.99
HYDROGRAPH AT							
+	147	342.	13.00	72.	18.	17.	.50
DIVERSION TO							
+	DI166	338.	13.00	72.	18.	17.	.50
HYDROGRAPH AT							
+	D147	4.	13.00	1.	0.	0.	.50
ROUTED TO							
+	R147	3.	13.75	1.	0.	0.	.50
HYDROGRAPH AT							
+	148	328.	13.00	71.	18.	17.	.48
2 COMBINEO AT							
+	CP148	329.	13.00	71.	18.	17.	.98
DIVERSION TO							
+	DI150	50.	13.00	11.	3.	3.	.98
HYOROGRAPH AT							
	D148	279.	13.00	60.	15.	15.	.98
ROUTED TO							
+	R148	197.	14.08	60.	15.	15.	.98
HYDROGRAPH AT							
+	D147	338.	13.00	72.	18.	17.	.50
ROUTED TO							
+	R147	228.	15.17	71.	18.	17.	.50
HYDROGRAPH AT							
+	166	533.	13.33	142.	36.	34.	.98
2 COMBINED AT							
+	1I166	533.	13.33	199.	53.	52.	1.48
2 COMBINED AT							
+	CP166	594.	13.50	259.	69.	66.	1.96
DIVERSION TO							
+	DI167	566.	13.50	254.	67.	65.	1.96
HYDROGRAPH AT							
+	D166	28.	13.50	5.	1.	1.	1.96
ROUTED TO							
+	R166	20.	14.92	5.	1.	1.	1.96
HYDROGRAPH AT							
+	180	574.	13.33	154.	39.	37.	.99

	2 COMBINED AT						
+		CP180	573.	13.33	159.	40.	38.	2.95
	DIVERSION TO						
		1D195	493.	13.33	139.	35.	33.	2.95
	HYDROGRAPH AT						
+		D180	80.	13.33	20.	5.	5.	2.95
	ROUTED TO						
+		R180	71.	13.92	20.	5.	5.	2.95
	HYDROGRAPH AT						
+		181	283.	12.92	54.	14.	13.	.37
	2 COMBINED AT						
+		CP181	291.	12.92	74.	19.	18.	3.32
	DIVERSION TO						
+		2D195	291.	12.92	74.	19.	18.	3.32
	HYDROGRAPH AT						
+		D181	0.	.08	0.	0.	0.	3.32
	ROUTED TO						
+		R181	0.	.08	0.	0.	0.	3.32
	HYDROGRAPH AT						
+		182	212.	12.75	35.	9.	9.	.24
	2 COMBINED AT						
+		1I182	211.	12.75	35.	9.	8.	5.56
	HYDROGRAPH AT						
+		D148	50.	13.00	11.	3.	3.	.98
	ROUTED TO						
+		R148	41.	13.67	11.	3.	3.	.98
	HYDROGRAPH AT						
+		150	193.	12.75	33.	8.	8.	.23
	2 COMBINED AT						
+		CP150	200.	12.75	44.	11.	10.	1.21
	ROUTED TO						
+		R150	176.	13.17	44.	11.	10.	1.21
	HYDROGRAPH AT						
+		151	208.	12.75	36.	9.	9.	.25
	2 COMBINED AT						
+		1I151	319.	12.92	80.	20.	19.	1.46
	HYDROGRAPH AT						
		149	312.	13.08	68.	17.	16.	.48
	ROUTED TO						
+		R149	285.	13.42	68.	17.	16.	.48
	2 COMBINED AT						
+		CP151	536.	13.25	148.	37.	36.	1.94

	DIVERSION TO						
+		1D168	171.	13.25	44.	11.	11.	1.94
	HYDROGRAPH AT						
+		D151	364.	13.25	104.	26.	25.	1.94
	DIVERSION TO						
+		DI152	171.	13.25	44.	11.	11.	1.94
	HYDROGRAPH AT						
+		D151	193.	13.25	61.	15.	15.	1.94
	ROUTED TO						
+		R151	180.	14.00	60.	15.	15.	1.94
	HYDROGRAPH AT						
+		167	528.	13.33	141.	35.	34.	.97
	2 COMBINED AT						
+		1I167	607.	13.42	199.	50.	48.	2.91
	HYDROGRAPH AT						
+		D166	566.	13.50	254.	67.	65.	1.96
	ROUTED TO						
+		R166	543.	13.92	252.	67.	65.	1.96
	2 COMBINED AT						
+		CP167	1076.	13.75	445.	117.	113.	3.89
	DIVERSION TO						
+		1D183	267.	13.75	72.	18.	17.	3.89
	HYDROGRAPH AT						
+		D167	809.	13.75	373.	99.	96.	3.89
	DIVERSION TO						
+		2D168	51.	13.75	14.	3.	3.	3.89
	HYDROGRAPH AT						
+		D167	758.	13.75	359.	96.	92.	3.89
	ROUTED TO						
+		R167	748.	14.00	358.	96.	92.	3.89
	HYDROGRAPH AT						
+		181A	249.	13.17	57.	14.	14.	.39
	2 COMBINED AT						
+		CP181A	845.	13.83	410.	110.	106.	4.28
	DIVERSION TO						
+		2D183	170.	13.83	69.	18.	17.	4.28
	HYDROGRAPH AT						
		D181A	675.	13.83	342.	92.	89.	4.28
	ROUTED TO						
+		R181A	667.	14.17	340.	92.	89.	4.28
	2 COMBINED AT						

+		CP182	674.	14.17	365.	101.	97.	5.88
	DIVERSION TO						
+		DI196	340.	14.17	185.	51.	49.	5.88
	HYDROGRAPH AT						
+		D182	334.	14.17	180.	50.	48.	5.88
	ROUTED TO						
+		R182	325.	15.00	176.	49.	47.	5.88
	HYDROGRAPH AT						
+		D151	171.	13.25	44.	11.	11.	1.94
	ROUTED TO						
+		R151	164.	13.67	44.	11.	11.	1.94
	HYDROGRAPH AT						
+		152	284.	12.92	58.	15.	14.	.35
	2 COMBINED AT						
+		CP152	329.	13.00	102.	25.	25.	2.29
	DIVERSION TO						
+		1D169	0.	.08	0.	0.	0.	2.29
	HYDROGRAPH AT						
+		D152	329.	13.00	102.	25.	25.	2.29
	DIVERSION TO						
		DI155	0.	.08	0.	0.	0.	2.29
	HYDROGRAPH AT						
+		D152	329.	13.00	102.	25.	25.	2.29
	ROUTED TO						
+		R152	319.	13.75	101.	25.	25.	2.29
	HYDROGRAPH AT						
+		D151	171.	13.25	44.	11.	11.	1.94
	ROUTED TO						
+		R151	125.	15.75	39.	11.	10.	1.94
	HYDROGRAPH AT						
+		168	340.	13.17	79.	20.	19.	.51
	2 COMBINED AT						
+		1I168	340.	13.17	106.	30.	29.	2.45
	HYDROGRAPH AT						
+		D167	51.	13.75	14.	3.	3.	3.89
	ROUTED TO						
+		R167	47.	14.67	14.	3.	3.	3.89
	2 COMBINED AT						
+		2I168	340.	13.17	120.	34.	33.	4.40
	2 COMBINED AT						
+		CP168	534.	13.50	221.	59.	57.	4.75

	DIVERSION TO						
+		2D169	147.	13.50	52.	14.	13.	4.75
	HYDROGRAPH AT						
		D168	387.	13.50	169.	46.	44.	4.75
	ROUTED TO						
+		R168	382.	13.83	168.	45.	44.	4.75
	HYDROGRAPH AT						
+		D167	267.	13.75	72.	18.	17.	3.89
	ROUTED TO						
+		R167	261.	14.33	72.	18.	17.	3.89
	HYDROGRAPH AT						
+		183	258.	12.42	31.	8.	8.	.21
	2 COMBINED AT						
+		1I183	261.	14.33	101.	26.	25.	4.10
	HYDROGRAPH AT						
+		D181A	170.	13.83	69.	18.	17.	4.28
	ROUTED TO						
+		R181A	168.	14.00	68.	18.	17.	4.28
	2 COMBINED AT						
+		2I183	421.	14.25	168.	44.	42.	4.49
	2 COMBINED AT						
+		CP183	786.	14.08	332.	89.	86.	5.35
	ROUTED TO						
+		R183	735.	15.25	320.	87.	84.	5.35
	HYDROGRAPH AT						
+		184	531.	13.17	124.	31.	30.	.79
	2 COMBINED AT						
+		1I184	750.	15.25	402.	118.	114.	6.14
	2 COMBINED AT						
+		2I184	1066.	15.25	563.	167.	161.	6.75
	HYDROGRAPH AT						
+		D152	0.	.08	0.	0.	0.	2.29
	ROUTED TO						
+		R152	0.	.08	0.	0.	0.	2.29
	HYDROGRAPH AT						
+		155	250.	12.75	47.	12.	11.	.26
	2 COMBINED AT						
		CP155	250.	12.75	47.	12.	11.	2.55
	ROUTED TO						
+		R155	196.	13.92	47.	12.	11.	2.55
	HYDROGRAPH AT						
+		D152	0.	.08	0.	0.	0.	2.29

	ROUTED TO						
+		R152	0.	.08	0.	0.	0.	2.29
	HYDROGRAPH AT						
+		169	368.	13.17	89.	22.	21.	.51
	2 COMBINED AT						
+		1I169	367.	13.17	89.	22.	21.	2.80
	2 COMBINED AT						
+		2I169	374.	13.75	135.	34.	33.	3.06
	HYDROGRAPH AT						
+		D168	147.	13.50	52.	14.	13.	4.75
	ROUTED TO						
+		R168	143.	14.00	52.	14.	13.	4.75
	2 COMBINED AT						
+		CP169	514.	13.83	184.	47.	46.	5.52
	ROUTED TO						
+		R169	466.	14.50	181.	47.	46.	5.52
	2 COMBINED AT						
+		CP184	1367.	15.08	742.	215.	207.	7.52
	DIVERSION TO						
+		DI197	546.	15.08	296.	86.	83.	7.52
	HYDROGRAPH AT						
+		D184	821.	15.08	445.	129.	124.	7.52
	DIVERSION TO						
+		DI198	546.	15.08	296.	86.	83.	7.52
	HYDROGRAPH AT						
+		D184	274.	15.08	149.	43.	41.	7.52
	ROUTED TO						
+		R184	271.	15.50	148.	43.	41.	7.52
	HYDROGRAPH AT						
+		170	301.	12.67	53.	14.	13.	.29
	ROUTED TO						
+		R170	237.	13.75	52.	14.	13.	.29
	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	589.	13.58	288.	82.	79.	8.50
	ROUTED TO						
+		R185	455.	15.17	266.	77.	74.	8.50
	HYDROGRAPH AT						

+	D184	546.	15.08	296.	86.	83.	7.52
ROUTED TO							
+	R184	530.	16.75	279.	78.	75.	7.52
HYDROGRAPH AT							
+	198	494.	13.42	140.	35.	34.	.91
2 COMBINED AT							
+	1I198	540.	16.67	319.	113.	109.	8.43
2 COMBINED AT							
+	2I198	868.	16.58	560.	190.	183.	9.41
HYDROGRAPH AT							
+	D184	546.	15.08	296.	86.	83.	7.52
ROUTED TO							
+	R184	535.	15.83	290.	84.	81.	7.52
HYDROGRAPH AT							
+	197	524.	13.50	150.	38.	36.	1.00
2 COMBINED AT							
+	CP197	562.	15.67	390.	121.	117.	8.52
ROUTED TO							
+	R197	553.	16.17	387.	119.	114.	8.52
HYDROGRAPH AT							
	203	162.	12.25	14.	4.	3.	.11
2 COMBINED AT							
+	CP203	553.	16.17	387.	122.	118.	8.63
2 COMBINED AT							
+	CP198	1402.	16.42	944.	312.	301.	10.52
ROUTED TO							
+	R198	1399.	16.50	942.	310.	299.	10.52
HYDROGRAPH AT							
+	204	381.	12.25	32.	8.	8.	.27
2 COMBINED AT							
+	1I204	1399.	16.50	942.	318.	306.	10.79
HYDROGRAPH AT							
+	122	552.	13.33	146.	37.	35.	.89
ROUTED TO							
+	R122	507.	14.00	146.	37.	35.	.89
HYDROGRAPH AT							
+	121	325.	12.92	60.	15.	14.	.50
ROUTED TO							
+	R121	268.	13.50	60.	15.	14.	.50
HYDROGRAPH AT							
+	131	355.	13.08	79.	20.	19.	.49

	2 COMBINED AT						
+		CP131	530.	13.25	138.	35.	33.	.99
	DIVERSION TO						
		DI145	427.	13.25	108.	27.	26.	.99
	HYDROGRAPH AT						
+		D131	103.	13.25	31.	8.	7.	.99
	ROUTED TO						
+		R131	99.	13.67	31.	8.	7.	.99
	HYDROGRAPH AT						
+		132	271.	13.00	56.	14.	13.	.41
	2 COMBINED AT						
+		CP132	318.	13.00	86.	22.	21.	1.40
	ROUTED TO						
+		R132	296.	13.42	86.	22.	21.	1.40
	HYDROGRAPH AT						
+		133	328.	13.08	71.	18.	17.	.49
	2 COMBINED AT						
+		1I133	560.	13.17	157.	39.	38.	1.89
	2 COMBINED AT						
+		CP133	846.	13.83	301.	76.	73.	2.78
	ROUTED TO						
+		R133	832.	14.08	300.	76.	73.	2.78
	HYDROGRAPH AT						
+		146	548.	13.17	130.	33.	31.	.90
	2 COMBINED AT						
+		1I146	1057.	13.92	425.	108.	104.	3.68
	HYDROGRAPH AT						
+		D131	427.	13.25	108.	27.	26.	.99
	ROUTED TO						
+		R131	389.	14.00	107.	27.	26.	.99
	HYDROGRAPH AT						
+		145	328.	13.08	72.	18.	17.	.48
	2 COMBINED AT						
+		CP145	498.	13.83	178.	45.	43.	1.47
	DIVERSION TO						
+		DI164	39.	13.83	7.	2.	2.	1.47
	HYDROGRAPH AT						
+		D145	459.	13.83	170.	43.	41.	1.47
	DIVERSION TO						
+		DI165	120.	13.83	24.	6.	6.	1.47
	HYDROGRAPH AT						
+		D145	339.	13.83	146.	37.	36.	1.47

	ROUTED TO						
+		R145	328.	14.25	145.	37.	36.	1.47
	2 COMBINED AT						
+		CP146	1365.	13.92	568.	145.	140.	4.16
	ROUTED TO						
+		R146	1340.	14.33	564.	145.	140.	4.16
	HYDROGRAPH AT						
+		D145	39.	13.83	7.	2.	2.	1.47
	ROUTED TO						
+		R145	28.	14.83	7.	2.	2.	1.47
	HYDROGRAPH AT						
+		164	363.	13.08	81.	20.	20.	.49
	2 COMBINED AT						
+		CP164	362.	13.08	89.	22.	21.	1.96
	DIVERSION TO						
+		DI177	31.	13.08	7.	2.	2.	1.96
	HYDROGRAPH AT						
+		D164	332.	13.08	82.	20.	20.	1.96
	ROUTED TO						
+		R164	287.	13.67	82.	20.	20.	1.96
	HYDROGRAPH AT						
+		D145	120.	13.83	24.	6.	6.	1.47
	ROUTED TO						
+		R145	68.	16.67	24.	6.	6.	1.47
	HYDROGRAPH AT						
+		165	548.	13.25	133.	33.	32.	.90
	2 COMBINED AT						
+		1I165	548.	13.25	146.	39.	38.	2.37
	2 COMBINED AT						
+		2I165	742.	13.33	227.	60.	58.	2.86
	2 COMBINED AT						
+		CP165	1748.	13.92	782.	205.	197.	5.55
	ROUTED TO						
+		R165	1727.	14.33	777.	205.	197.	5.55
	HYDROGRAPH AT						
+		179	333.	13.08	76.	19.	18.	.46
	2 COMBINED AT						
		1I179	1778.	14.33	832.	223.	215.	6.01
	HYDROGRAPH AT						
+		D164	31.	13.08	7.	2.	2.	1.96
	ROUTED TO						

+		R164	22.	14.08	7.	2.	2.	1.96
	HYDROGRAPH AT							
+		177	336.	13.08	73.	18.	18.	.49
	2 COMBINED AT							
+		CP177	336.	13.08	79.	20.	19.	2.45
	ROUTED TO							
+		R177	315.	13.25	79.	20.	19.	2.45
	HYDROGRAPH AT							
+		178	298.	13.08	64.	16.	15.	.44
	2 COMBINED AT							
+		CP178	581.	13.17	143.	36.	35.	2.89
	ROUTED TO							
+		R178	552.	13.50	143.	36.	35.	2.89
	2 COMBINED AT							
+		CP179	2065.	14.17	974.	259.	250.	6.94
	ROUTED TO							
+		R179	2037.	14.58	970.	259.	249.	6.94
	HYDROGRAPH AT							
+		192	346.	13.08	75.	19.	18.	.50
	DIVERSION TO							
		DI209	308.	13.08	70.	18.	17.	.50
	HYDROGRAPH AT							
+		D192	38.	13.08	5.	1.	1.	.50
	DIVERSION TO							
+		DI210	0.	.08	0.	0.	0.	.50
	HYDROGRAPH AT							
+		D192	38.	13.08	5.	1.	1.	.50
	ROUTED TO							
+		R192	32.	13.42	5.	1.	1.	.50
	HYDROGRAPH AT							
+		193	545.	13.25	132.	33.	32.	.91
	2 COMBINED AT							
+		1I193	570.	13.25	137.	34.	33.	1.41
	2 COMBINED AT							
+		CP193	2122.	14.50	1075.	293.	282.	8.35
	HYDROGRAPH AT							
+		194A	217.	12.75	36.	9.	9.	.25
	HYDROGRAPH AT							
+		194B	214.	12.75	36.	9.	9.	.25
	3 COMBINED AT							
+		CP194B	2131.	14.50	1136.	311.	300.	8.85

	ROUTED TO						
+		SR194B	509.	17.33	483.	213.	205.	8.85
	ROUTED TO						
		R194B	509.	17.42	483.	211.	203.	8.85
	HYDROGRAPH AT						
+		194C	308.	13.17	71.	18.	17.	.49
	2 COMBINED AT						
+		CP194C	509.	17.42	483.	229.	220.	9.34
	ROUTED TO						
+		R194C	509.	17.50	483.	226.	218.	9.34
	HYDROGRAPH AT						
+		D180	493.	13.33	139.	35.	33.	2.95
	ROUTED TO						
+		R180	371.	15.67	124.	34.	33.	2.95
	HYDROGRAPH AT						
+		195	256.	13.50	72.	18.	17.	.49
	2 COMBINED AT						
+		1I195	385.	15.67	171.	52.	50.	3.44
	HYDROGRAPH AT						
+		D181	291.	12.92	74.	19.	18.	3.32
	ROUTED TO						
+		R181	268.	13.17	74.	19.	18.	3.32
	3 COMBINED AT						
+		CP195	958.	13.33	685.	295.	284.	13.15
	ROUTED TO						
+		R195	956.	13.33	685.	293.	283.	13.15
	HYDROGRAPH AT						
+		D182	340.	14.17	185.	51.	49.	5.88
	ROUTED TO						
+		R182	333.	14.92	182.	51.	49.	5.88
	HYDROGRAPH AT						
+		196	313.	13.00	68.	17.	17.	.47
	2 COMBINED AT						
+		1I196	343.	14.92	230.	68.	65.	6.35
	2 COMBINED AT						
+		CP196	1184.	13.33	901.	359.	345.	16.18
	ROUTED TO						
+		R196	1165.	13.50	899.	353.	340.	16.18
	HYDROGRAPH AT						
+		202	258.	13.42	73.	18.	18.	.48
	2 COMBINED AT						
+		CP202	1416.	13.50	957.	371.	357.	16.66

	ROUTED TO						
+		R202	1398.	13.58	955.	366.	353.	16.66
	2 COMBINED AT						
		CP204	2369.	16.42	1853.	674.	649.	21.57
	ROUTED TO						
+		R204	2369.	16.42	1853.	672.	648.	21.57
	HYDROGRAPH AT						
+		205	125.	12.08	8.	2.	2.	.06
	2 COMBINED AT						
+		CP205	2369.	16.42	1853.	674.	649.	21.63
	ROUTED TO						
+		R205	2367.	16.42	1852.	673.	648.	21.63
	HYDROGRAPH AT						
+		206	188.	12.17	14.	3.	3.	.12
	2 COMBINED AT						
+		CP206	2367.	16.42	1852.	676.	651.	21.75
	HYDROGRAPH AT						
+		DCP200	1664.	17.08	1216.	372.	358.	23.45
	2 COMBINED AT						
+		RCP206	3778.	16.92	2936.	1022.	984.	43.76
	ROUTED TO						
+		RR206	3760.	17.00	2927.	1012.	974.	43.76
	HYDROGRAPH AT						
+		228A	125.	12.17	8.	2.	2.	.08
	2 COMBINED AT						
+		RC228A	3760.	17.00	2927.	1014.	976.	43.84
	ROUTED TO						
+		RR228A	3718.	17.75	2888.	970.	934.	43.84
	DIVERSION TO						
+		DR228A	3718.	17.75	2888.	970.	934.	43.84
	HYDROGRAPH AT						
+		DR228A	0.	.08	0.	0.	0.	43.84
	2 COMBINED AT						
+		NONE	0.	.08	0.	0.	0.	170.83
	HYDROGRAPH AT						
+		1D192	308.	13.08	70.	18.	17.	.50
	ROUTED TO						
		R192	258.	13.67	70.	18.	17.	.50
	HYDROGRAPH AT						
+		209	336.	13.08	73.	18.	17.	.50

2 COMBINED AT

+	CP209	472.	13.17	143.	36.	34.	1.00
DIVERSION TO							
+	1D221	213.	13.17	72.	18.	17.	1.00
HYDROGRAPH AT							
+	D209	259.	13.17	71.	18.	17.	1.00
DIVERSION TO							
+	2D210	77.	13.17	20.	5.	5.	1.00
HYDROGRAPH AT							
+	D209	182.	13.17	50.	13.	12.	1.00
ROUTED TO							
+	R209	164.	14.08	50.	13.	12.	1.00
HYDROGRAPH AT							
+	220	335.	13.08	75.	19.	18.	.50
2 COMBINED AT							
+	CP220	345.	13.08	125.	31.	30.	1.50
DIVERSION TO							
+	DI239	252.	13.08	91.	23.	22.	1.50
HYDROGRAPH AT							
+	D220	93.	13.08	34.	8.	8.	1.50
DIVERSION TO							
	2D221	82.	13.08	30.	7.	7.	1.50
HYDROGRAPH AT							
+	D220	11.	13.08	4.	1.	1.	1.50
ROUTED TO							
+	R220	9.	15.17	4.	1.	1.	1.50
HYDROGRAPH AT							
+	238	314.	13.17	72.	18.	17.	.50
2 COMBINED AT							
+	CP238	314.	13.17	76.	19.	18.	2.00
DIVERSION TO							
+	2D250A	0.	.08	0.	0.	0.	2.00
HYDROGRAPH AT							
+	D238	314.	13.17	76.	19.	18.	2.00
DIVERSION TO							
+	1D251	0.	.08	0.	0.	0.	2.00
HYDROGRAPH AT							
+	D238	314.	13.17	76.	19.	18.	2.00
ROUTED TO							
	R238	287.	13.42	76.	19.	18.	2.00
HYDROGRAPH AT							
+	2D192	0.	.08	0.	0.	0.	.50

	ROUTED TO						
+		R192	0.	.08	0.	0.	0.	.50
	HYDROGRAPH AT						
		210	296.	13.08	64.	16.	16.	.46
	2 COMBINED AT						
+		1I210	296.	13.08	64.	16.	16.	.96
	HYDROGRAPH AT						
+		D209	77.	13.17	20.	5.	5.	1.00
	ROUTED TO						
+		R209	73.	13.83	20.	5.	5.	1.00
	2 COMBINED AT						
+		CP210	310.	13.08	85.	21.	20.	1.46
	ROUTED TO						
+		R210	278.	13.92	85.	21.	20.	1.46
	HYDROGRAPH AT						
+		D209	213.	13.17	72.	18.	17.	1.00
	ROUTED TO						
+		R209	163.	15.50	64.	18.	17.	1.00
	HYDROGRAPH AT						
+		221	303.	13.08	69.	17.	17.	.48
	2 COMBINED AT						
		1I221	302.	13.08	117.	35.	33.	1.48
	2 COMBINED AT						
+		2I221	412.	13.75	202.	56.	54.	1.94
	HYDROGRAPH AT						
+		D220	82.	13.08	30.	7.	7.	1.50
	ROUTED TO						
+		R220	72.	13.75	29.	7.	7.	1.50
	2 COMBINED AT						
+		CP221	484.	13.75	231.	63.	61.	2.44
	ROUTED TO						
+		R221	450.	14.83	230.	63.	61.	2.44
	HYDROGRAPH AT						
+		D220	252.	13.08	91.	23.	22.	1.50
	ROUTED TO						
+		R220	190.	15.75	79.	22.	21.	1.50
	HYDROGRAPH AT						
+		239	313.	13.08	69.	17.	17.	.48
	2 COMBINED AT						
+		1I239	313.	13.08	128.	39.	38.	1.48
	2 COMBINED AT						
+		2I239	496.	15.50	349.	102.	98.	2.92

	2 COMBINED AT						
+		CP239	623.	13.42	423.	121.	117.	3.42
	DIVERSION TO						
		2D251	225.	13.42	100.	25.	24.	3.42
	HYDROGRAPH AT						
+		D239	398.	13.42	323.	96.	93.	3.42
	ROUTED TO						
+		R239	394.	13.83	321.	96.	92.	3.42
	HYDROGRAPH AT						
+		240	282.	13.00	57.	14.	14.	.40
	2 COMBINED AT						
+		CP240	563.	13.08	370.	110.	106.	3.82
	ROUTED TO						
+		R240	550.	13.42	368.	109.	105.	3.82
	HYDROGRAPH AT						
+		213	373.	12.50	46.	12.	11.	.35
	ROUTED TO						
+		R213	225.	13.42	46.	12.	11.	.35
	HYDROGRAPH AT						
+		212	279.	13.42	77.	19.	19.	.54
	ROUTED TO						
+		SR212	200.	13.83	49.	12.	12.	.54
	2 COMBINED AT						
+		CP212	378.	13.67	95.	24.	23.	.89
	ROUTED TO						
+		R212	333.	14.50	93.	24.	23.	.89
	HYDROGRAPH AT						
+		211	309.	13.08	69.	17.	17.	.49
	ROUTED TO						
+		R211	220.	14.33	68.	17.	17.	.49
	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
	2 COMBINED AT						
		CP221A	589.	14.50	185.	48.	46.	1.69
	ROUTED TO						
+		R221A	549.	14.92	182.	48.	46.	1.69
	HYDROGRAPH AT						

+	222	541.	13.58	172.	48.	46.	1.10
2 COMBINED AT							
+	CP222	701.	14.83	338.	96.	92.	2.79
ROUTED TO							
+	R222	643.	15.58	333.	95.	92.	2.79
HYDROGRAPH AT							
+	226	1573.	12.33	192.	54.	52.	1.18
ROUTED TO							
+	SR226	503.	12.75	185.	54.	52.	1.18
ROUTED TO							
+	R226	407.	15.17	183.	53.	51.	1.18
HYDROGRAPH AT							
+	201	420.	12.33	44.	11.	11.	.34
ROUTED TO							
+	R201	226.	13.75	44.	11.	11.	.34
HYDROGRAPH AT							
+	223	1763.	12.42	327.	110.	106.	1.26
2 COMBINED AT							
+	1I223	1763.	12.42	367.	121.	117.	1.60
2 COMBINED AT							
	CP223	1775.	12.42	519.	174.	168.	2.78
DIVERSION TO							
+	DI225	60.	8.67	60.	50.	48.	2.78
HYDROGRAPH AT							
+	D223	1715.	12.42	459.	124.	120.	2.78
ROUTED TO							
+	R223	1589.	12.67	457.	124.	120.	2.78
HYDROGRAPH AT							
+	224	1054.	12.33	109.	27.	26.	.80
2 COMBINED AT							
+	CP224	2138.	12.50	564.	151.	146.	3.58
ROUTED TO							
+	R224	1978.	12.92	552.	151.	146.	3.58
HYDROGRAPH AT							
+	241	1436.	12.50	176.	44.	42.	1.51
2 COMBINED AT							
+	1I241	2565.	12.83	707.	195.	188.	5.09
2 COMBINED AT							
+	2I241	2592.	12.83	1015.	290.	279.	7.88
2 COMBINED AT							
+	CP241	2857.	12.83	1353.	397.	382.	11.70

	ROUTED TO						
+		SR241	2846.	12.83	1352.	397.	382.	11.70
	ROUTED TO						
		R241	2501.	13.33	1342.	395.	381.	11.70
	HYDROGRAPH AT						
+		253	641.	13.17	148.	37.	36.	1.00
	2 COMBINED AT						
+		1I253	3057.	13.25	1467.	431.	415.	12.70
	HYDROGRAPH AT						
+		253A	291.	12.33	29.	7.	7.	.25
	ROUTED TO						
+		R253A	190.	13.08	29.	7.	7.	.25
	2 COMBINED AT						
+		2I253	3220.	13.25	1495.	438.	422.	12.95
	HYDROGRAPH AT						
+		250A	308.	13.17	74.	18.	18.	.51
	HYDROGRAPH AT						
+		D238	0.	.08	0.	0.	0.	2.00
	ROUTED TO						
+		R238	0.	.08	0.	0.	0.	2.00
	2 COMBINED AT						
+		CP250A	308.	13.17	74.	18.	18.	2.51
	DIVERSION TO						
+		1D266	0.	.08	0.	0.	0.	2.51
	HYDROGRAPH AT						
+		D250A	308.	13.17	73.	18.	18.	2.51
	ROUTED TO						
+		R250A	288.	13.42	73.	18.	18.	2.51
	HYDROGRAPH AT						
+		D238	0.	.08	0.	0.	0.	2.00
	ROUTED TO						
+		R238	0.	.08	0.	0.	0.	2.00
	HYDROGRAPH AT						
+		251	313.	13.17	72.	18.	17.	.50
	2 COMBINED AT						
+		1I251	313.	13.17	72.	18.	17.	2.50
	HYDROGRAPH AT						
		D239	225.	13.42	100.	25.	24.	3.42
	ROUTED TO						
+		R239	190.	14.33	98.	25.	24.	3.42
	2 COMBINED AT						
+		2I251	313.	13.17	164.	43.	41.	3.92

	2 COMBINED AT						
+		CP251	560.	13.25	237.	61.	59.	4.43
	DIVERSION TO						
+		2D266	462.	13.25	189.	49.	47.	4.43
	HYDROGRAPH AT						
+		D251	97.	13.25	48.	12.	12.	4.43
	ROUTED TO						
+		R251	90.	13.92	46.	12.	12.	4.43
	HYDROGRAPH AT						
+		252	326.	13.17	76.	19.	18.	.50
	2 COMBINED AT						
+		CP252	361.	13.17	118.	31.	30.	4.93
	DIVERSION TO						
+		DI267	342.	13.17	113.	30.	29.	4.93
	HYDROGRAPH AT						
+		D252	19.	13.17	5.	1.	1.	4.93
	ROUTED TO						
+		R252	4.	21.00	3.	1.	1.	4.93
	2 COMBINED AT						
+		CP253	3220.	13.25	1495.	439.	423.	14.46
	ROUTED TO						
+		SR253	3177.	13.33	1471.	437.	421.	14.46
	ROUTED TO						
+		R253	3107.	13.58	1467.	436.	420.	14.46
	HYDROGRAPH AT						
+		268	589.	13.25	147.	37.	35.	.95
	2 COMBINED AT						
+		1I268	3531.	13.58	1572.	471.	454.	15.41
	HYDROGRAPH AT						
+		D250A	0.	.08	0.	0.	0.	2.51
	ROUTED TO						
+		R250A	0.	.08	0.	0.	0.	2.51
	HYDROGRAPH AT						
+		266	181.	13.33	48.	12.	12.	.33
	2 COMBINED AT						
+		1I266	180.	13.33	48.	12.	11.	2.84
	HYDROGRAPH AT						
		D251	462.	13.25	189.	49.	47.	4.43
	ROUTED TO						
+		R251	448.	13.58	189.	49.	47.	4.43

2 COMBINED AT

+		CP266	610.	13.50	235.	61.	58.	4.76
	DIVERSION TO						
+		DI283	70.	13.50	32.	8.	8.	4.76
	HYDROGRAPH AT						
+		D266	540.	13.50	203.	52.	50.	4.76
	ROUTED TO						
+		R266	537.	13.58	203.	52.	50.	4.76
	HYDROGRAPH AT						
+		D252	342.	13.17	113.	30.	29.	4.93
	ROUTED TO						
+		R252	307.	13.83	111.	30.	29.	4.93
	HYDROGRAPH AT						
+		267	335.	13.17	79.	20.	19.	.50
	2 COMBINED AT						
+		1I267	496.	13.58	185.	50.	48.	5.43
	2 COMBINED AT						
+		CP267	1032.	13.58	387.	102.	98.	5.76
	DIVERSION TO						
+		DI284	699.	13.58	290.	77.	74.	5.76
	HYDROGRAPH AT						
		D267	333.	13.58	97.	25.	24.	5.76
	ROUTED TO						
+		R267	313.	14.00	95.	25.	24.	5.76
	2 COMBINED AT						
+		CP268	3714.	13.67	1661.	494.	476.	16.24
	ROUTED TO						
+		SR268	3646.	13.75	1628.	483.	466.	16.24
	ROUTED TO						
+		R268	3450.	14.33	1582.	470.	453.	16.24
	HYDROGRAPH AT						
+		286	473.	13.08	109.	27.	26.	.70
	2 COMBINED AT						
+		1I286	3516.	14.33	1593.	496.	478.	16.94
	HYDROGRAPH AT						
+		288	160.	13.25	44.	11.	10.	.22
	ROUTED TO						
+		R288	153.	13.42	43.	11.	10.	.22
	2 COMBINED AT						
+		CP286	3584.	14.33	1607.	507.	488.	17.16
	ROUTED TO						
+		R286	3474.	14.50	1599.	503.	484.	17.16

	HYDROGRAPH AT						
+		287	223.	12.67	36.	9.	9.	.23
	2 COMBINED AT						
		1I287	3473.	14.50	1599.	511.	493.	17.39
	HYDROGRAPH AT						
+		D266	70.	13.50	32.	8.	8.	4.76
	ROUTED TO						
+		R266	64.	14.67	31.	8.	8.	4.76
	HYDROGRAPH AT						
+		283	102.	13.08	23.	6.	6.	.16
	2 COMBINED AT						
+		CP283	102.	13.08	51.	14.	14.	4.92
	ROUTED TO						
+		R283	93.	13.50	50.	14.	14.	4.92
	HYDROGRAPH AT						
+		285B	83.	12.33	9.	2.	2.	.06
	2 COMBINED AT						
+		CP285B	93.	13.50	56.	16.	16.	4.98
	ROUTED TO						
+		SR285B	83.	13.67	55.	16.	16.	4.98
	DIVERSION TO						
+		DI297	83.	13.67	55.	16.	16.	4.98
	HYDROGRAPH AT						
+		D285B	0.	.08	0.	0.	0.	4.98
	ROUTED TO						
+		R285B	0.	.08	0.	0.	0.	4.98
	HYDROGRAPH AT						
+		D267	699.	13.58	290.	77.	74.	5.76
	ROUTED TO						
+		R267	672.	14.25	286.	77.	74.	5.76
	HYDROGRAPH AT						
+		284	326.	13.17	76.	19.	18.	.52
	2 COMBINED AT						
+		CP284	760.	14.00	347.	95.	92.	6.28
	ROUTED TO						
+		SR284	669.	14.58	289.	78.	75.	6.28
	ROUTED TO						
		R284	664.	14.67	289.	78.	75.	6.28
	HYDROGRAPH AT						
+		285A	82.	12.33	9.	2.	2.	.06
	2 COMBINED AT						
+		1I285A	664.	14.67	289.	80.	77.	6.34

	2 COMBINED AT						
+		CP285A	664.	14.67	289.	80.	77.	6.56
	ROUTED TO						
+		SR285A	662.	14.67	287.	80.	77.	6.56
	DIVERSION TO						
+		1D297A	230.	14.67	181.	54.	52.	6.56
	HYDROGRAPH AT						
+		D285A	433.	14.67	106.	27.	26.	6.56
	ROUTED TO						
+		R285A	397.	15.00	106.	27.	26.	6.56
	HYDROGRAPH AT						
+		285	56.	12.33	6.	1.	1.	.04
	2 COMBINED AT						
+		CP285	397.	15.00	112.	28.	27.	6.60
	ROUTED TO						
+		SR285	397.	15.08	112.	28.	27.	6.60
	DIVERSION TO						
+		2D297A	108.	15.08	31.	8.	7.	6.60
	HYDROGRAPH AT						
+		D285	289.	15.08	81.	20.	20.	6.60
	ROUTED TO						
+		R285	287.	15.17	81.	20.	20.	6.60
	2 COMBINED AT						
+		CP287	3584.	14.58	1669.	530.	510.	18.23
	ROUTED TO						
+		SR287	2667.	15.25	1658.	526.	506.	18.23
	ROUTED TO						
+		R287	2658.	15.58	1651.	517.	498.	18.23
	HYDROGRAPH AT						
+		298	591.	13.00	122.	30.	29.	.84
	2 COMBINED AT						
+		CP298	2658.	15.58	1653.	547.	527.	19.07
	ROUTED TO						
+		SR298	2651.	15.67	1649.	540.	520.	19.07
	ROUTED TO						
+		R298	2641.	16.00	1643.	529.	510.	19.07
	HYDROGRAPH AT						
		316	512.	13.17	122.	31.	29.	.82
	2 COMBINED AT						
+		CP316	2645.	16.00	1643.	558.	538.	19.89
	ROUTED TO						

+	R316	2636.	16.25	1639.	552.	531.	19.89
HYDROGRAPH AT							
+	334	452.	13.00	95.	24.	23.	.64
2 COMBINED AT							
+	1I334	2636.	16.25	1640.	575.	554.	20.53
HYDROGRAPH AT							
+	D285	108.	15.08	31.	8.	7.	6.60
ROUTED TO							
+	R285	105.	15.33	31.	8.	7.	6.60
HYDROGRAPH AT							
+	D285A	230.	14.67	181.	54.	52.	6.56
ROUTED TO							
+	R285A	228.	15.33	178.	53.	51.	6.56
HYDROGRAPH AT							
+	297A	206.	12.92	39.	10.	9.	.27
2 COMBINED AT							
+	1I297A	240.	12.92	182.	63.	61.	6.83
2 COMBINED AT							
+	CP297A	334.	15.33	212.	71.	68.	6.87
ROUTED TO							
	R297A	312.	17.25	208.	69.	67.	6.87
HYDROGRAPH AT							
+	315	278.	13.25	68.	17.	16.	.47
2 COMBINED AT							
+	CP315	312.	17.25	227.	86.	83.	7.34
ROUTED TO							
+	R315	303.	18.25	223.	81.	78.	7.34
2 COMBINED AT							
+	CP334	2783.	16.17	1846.	652.	628.	21.27
ROUTED TO							
+	R334	2750.	16.50	1844.	644.	620.	21.27
HYDROGRAPH AT							
+	335	277.	12.92	54.	13.	13.	.35
2 COMBINED AT							
+	CP335	2750.	16.50	1844.	657.	633.	21.62
ROUTED TO							
+	R335	2748.	16.50	1842.	655.	631.	21.62
HYDROGRAPH AT							
+	336B	168.	12.00	9.	2.	2.	.08
2 COMBINED AT							
+	CP336B	2748.	16.50	1842.	657.	633.	21.70

	ROUTED TO						
+	R336B	2747.	16.58	1842.	655.	631.	21.70
	HYDROGRAPH AT						
	299	289.	13.00	61.	15.	15.	.40
	ROUTED TO						
+	R299	227.	14.33	61.	15.	15.	.40
	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
	HYDROGRAPH AT						
+	300	353.	12.83	66.	16.	16.	.39
	ROUTED TO						
+	R300	264.	14.17	65.	16.	16.	.39
	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
	HYDROGRAPH AT						
+	301	535.	12.17	46.	12.	12.	.30
	ROUTED TO						
+	R301	175.	14.00	46.	12.	12.	.30
	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
	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
	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
	HYDROGRAPH AT						
+	336	552.	13.92	206.	57.	55.	1.28
	2 COMBINED AT						
+	1I336	551.	13.92	205.	57.	55.	3.62
	2 COMBINED AT						
+	CP336	853.	13.92	336.	93.	89.	4.59
	ROUTED TO						
+	SR336	853.	13.92	336.	93.	89.	4.59
	HYDROGRAPH AT						
+	336A	149.	14.00	54.	14.	13.	.37
	2 COMBINED AT						
+	CP336A	998.	13.92	389.	107.	103.	4.96
	ROUTED TO						
+	R336A	970.	14.08	389.	106.	103.	4.96
	HYDROGRAPH AT						
+	364A	99.	12.25	9.	2.	2.	.07
	2 COMBINED AT						
+	1I364A	970.	14.08	396.	109.	105.	5.03
	2 COMBINED AT						
+	CP364A	2924.	16.50	2030.	755.	727.	26.73
	ROUTED TO						
+	R364A	2905.	16.75	2028.	741.	714.	26.73
	HYDROGRAPH AT						
+	365	272.	12.83	47.	12.	11.	.38
	ROUTED TO						
+	R365	179.	14.50	45.	12.	11.	.38
	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	2930.	16.75	2073.	779.	750.	27.89
	DIVERSION TO						
+	DIGILA	2930.	16.75	2073.	779.	750.	27.89
	HYDROGRAPH AT						
	D364	0.	.08	0.	0.	0.	27.89
	2 COMBINED AT						
+	NONE	0.	.08	0.	0.	0.	198.72
	HYDROGRAPH AT						

	HYDROGRAPH AT						
+		287	223.	12.67	36.	9.	9.	.23
	2 COMBINED AT						
		1I287	3473.	14.50	1599.	511.	493.	17.39
	HYDROGRAPH AT						
+		D266	70.	13.50	32.	8.	8.	4.76
	ROUTED TO						
+		R266	64.	14.67	31.	8.	8.	4.76
	HYDROGRAPH AT						
+		283	102.	13.08	23.	6.	6.	.16
	2 COMBINED AT						
+		CP283	102.	13.08	51.	14.	14.	4.92
	ROUTED TO						
+		R283	93.	13.50	50.	14.	14.	4.92
	HYDROGRAPH AT						
+		285B	83.	12.33	9.	2.	2.	.06
	2 COMBINED AT						
+		CP285B	93.	13.50	56.	16.	16.	4.98
	ROUTED TO						
+		SR285B	83.	13.67	55.	16.	16.	4.98
	DIVERSION TO						
+		DI297	83.	13.67	55.	16.	16.	4.98
	HYDROGRAPH AT						
+		D285B	0.	.08	0.	0.	0.	4.98
	ROUTED TO						
+		R285B	0.	.08	0.	0.	0.	4.98
	HYDROGRAPH AT						
+		D267	699.	13.58	290.	77.	74.	5.76
	ROUTED TO						
+		R267	672.	14.25	286.	77.	74.	5.76
	HYDROGRAPH AT						
+		284	326.	13.17	76.	19.	18.	.52
	2 COMBINED AT						
+		CP284	760.	14.00	347.	95.	92.	6.28
	ROUTED TO						
+		SR284	669.	14.58	289.	78.	75.	6.28
	ROUTED TO						
		R284	664.	14.67	289.	78.	75.	6.28
	HYDROGRAPH AT						
+		285A	82.	12.33	9.	2.	2.	.06
	2 COMBINED AT						
+		1I285A	664.	14.67	289.	80.	77.	6.34

	2 COMBINED AT						
+		CP285A	664.	14.67	289.	80.	77.	6.56
	ROUTED TO						
+		SR285A	662.	14.67	287.	80.	77.	6.56
	DIVERSION TO						
+		1D297A	230.	14.67	181.	54.	52.	6.56
	HYDROGRAPH AT						
+		D285A	433.	14.67	106.	27.	26.	6.56
	ROUTED TO						
+		R285A	397.	15.00	106.	27.	26.	6.56
	HYDROGRAPH AT						
+		285	56.	12.33	6.	1.	1.	.04
	2 COMBINED AT						
+		CP285	397.	15.00	112.	28.	27.	6.60
	ROUTED TO						
+		SR285	397.	15.08	112.	28.	27.	6.60
	DIVERSION TO						
+		2D297A	108.	15.08	31.	8.	7.	6.60
	HYDROGRAPH AT						
+		D285	289.	15.08	81.	20.	20.	6.60
	ROUTED TO						
+		R285	287.	15.17	81.	20.	20.	6.60
	2 COMBINED AT						
+		CP287	3584.	14.58	1669.	530.	510.	18.23
	ROUTED TO						
+		SR287	2667.	15.25	1658.	526.	506.	18.23
	ROUTED TO						
+		R287	2658.	15.58	1651.	517.	498.	18.23
	HYDROGRAPH AT						
+		298	591.	13.00	122.	30.	29.	.84
	2 COMBINED AT						
+		CP298	2658.	15.58	1653.	547.	527.	19.07
	ROUTED TO						
+		SR298	2651.	15.67	1649.	540.	520.	19.07
	ROUTED TO						
+		R298	2641.	16.00	1643.	529.	510.	19.07
	HYDROGRAPH AT						
		316	512.	13.17	122.	31.	29.	.82
	2 COMBINED AT						
+		CP316	2645.	16.00	1643.	558.	538.	19.89
	ROUTED TO						

+	R316	2636.	16.25	1639.	552.	531.	19.89
HYDROGRAPH AT							
+	334	452.	13.00	95.	24.	23.	.64
2 COMBINED AT							
+	1I334	2636.	16.25	1640.	575.	554.	20.53
HYDROGRAPH AT							
+	D285	108.	15.08	31.	8.	7.	6.60
ROUTED TO							
+	R285	105.	15.33	31.	8.	7.	6.60
HYDROGRAPH AT							
+	D285A	230.	14.67	181.	54.	52.	6.56
ROUTED TO							
+	R285A	228.	15.33	178.	53.	51.	6.56
HYDROGRAPH AT							
+	297A	206.	12.92	39.	10.	9.	.27
2 COMBINED AT							
+	1I297A	240.	12.92	182.	63.	61.	6.83
2 COMBINED AT							
+	CP297A	334.	15.33	212.	71.	68.	6.87
ROUTED TO							
	R297A	312.	17.25	208.	69.	67.	6.87
HYDROGRAPH AT							
+	315	278.	13.25	68.	17.	16.	.47
2 COMBINED AT							
+	CP315	312.	17.25	227.	86.	83.	7.34
ROUTED TO							
+	R315	303.	18.25	223.	81.	78.	7.34
2 COMBINED AT							
+	CP334	2783.	16.17	1846.	652.	628.	21.27
ROUTED TO							
+	R334	2750.	16.50	1844.	644.	620.	21.27
HYDROGRAPH AT							
+	335	277.	12.92	54.	13.	13.	.35
2 COMBINED AT							
+	CP335	2750.	16.50	1844.	657.	633.	21.62
ROUTED TO							
+	R335	2748.	16.50	1842.	655.	631.	21.62
HYDROGRAPH AT							
+	336B	168.	12.00	9.	2.	2.	.08
2 COMBINED AT							
+	CP336B	2748.	16.50	1842.	657.	633.	21.70

	ROUTED TO						
+	R336B	2747.	16.58	1842.	655.	631.	21.70
	HYDROGRAPH AT						
	299	289.	13.00	61.	15.	15.	.40
	ROUTED TO						
+	R299	227.	14.33	61.	15.	15.	.40
	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
	HYDROGRAPH AT						
+	300	353.	12.83	66.	16.	16.	.39
	ROUTED TO						
+	R300	264.	14.17	65.	16.	16.	.39
	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
	HYDROGRAPH AT						
+	301	535.	12.17	46.	12.	12.	.30
	ROUTED TO						
+	R301	175.	14.00	46.	12.	12.	.30
	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
	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
	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
	HYDROGRAPH AT						
+	336	552.	13.92	206.	57.	55.	1.28
	2 COMBINED AT						
+	1I336	551.	13.92	205.	57.	55.	3.62
	2 COMBINED AT						
+	CP336	853.	13.92	336.	93.	89.	4.59
	ROUTED TO						
+	SR336	853.	13.92	336.	93.	89.	4.59
	HYDROGRAPH AT						
+	336A	149.	14.00	54.	14.	13.	.37
	2 COMBINED AT						
+	CP336A	998.	13.92	389.	107.	103.	4.96
	ROUTED TO						
+	R336A	970.	14.08	389.	106.	103.	4.96
	HYDROGRAPH AT						
+	364A	99.	12.25	9.	2.	2.	.07
	2 COMBINED AT						
+	1I364A	970.	14.08	396.	109.	105.	5.03
	2 COMBINED AT						
+	CP364A	2924.	16.50	2030.	755.	727.	26.73
	ROUTED TO						
+	R364A	2905.	16.75	2028.	741.	714.	26.73
	HYDROGRAPH AT						
+	365	272.	12.83	47.	12.	11.	.38
	ROUTED TO						
+	R365	179.	14.50	45.	12.	11.	.38
	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	2930.	16.75	2073.	779.	750.	27.89
	DIVERSION TO						
+	DIGILA	2930.	16.75	2073.	779.	750.	27.89
	HYDROGRAPH AT						
	D364	0.	.08	0.	0.	0.	27.89
	2 COMBINED AT						
+	NONE	0.	.08	0.	0.	0.	198.72
	HYDROGRAPH AT						

+	314	293.	13.00	61.	15.	15.	.42
ROUTED TO							
+	R314	212.	14.75	60.	15.	15.	.42
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
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
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
ROUTED TO							
+	R348B	617.	14.25	246.	67.	64.	1.88
HYDROGRAPH AT							
+	363	360.	13.25	91.	23.	22.	.63
2 COMBINED AT							
+	11363	764.	14.08	317.	90.	86.	2.51
HYDROGRAPH AT							
+	348	283.	12.75	50.	12.	12.	.34
ROUTED TO							
+	SR348	280.	12.83	49.	12.	12.	.34
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
2 COMBINED AT							
+	CP363	858.	14.00	365.	102.	98.	2.85
ROUTED TO							
+	R363	804.	14.83	364.	102.	98.	2.85

	HYDROGRAPH AT						
+	362	339.	12.83	63.	16.	15.	.42
	2 COMBINED AT						
	1I362	810.	14.75	407.	117.	113.	3.27
	HYDROGRAPH AT						
+	D285B	83.	13.67	55.	16.	16.	4.98
	ROUTED TO						
+	R285B	74.	15.58	50.	15.	15.	4.98
	HYDROGRAPH AT						
+	297	240.	13.17	55.	14.	13.	.38
	2 COMBINED AT						
+	CP297	239.	13.17	88.	29.	28.	5.36
	ROUTED TO						
+	SR297	0.	.08	0.	0.	0.	5.36
	ROUTED TO						
+	R297	0.	.08	0.	0.	0.	5.36
	HYDROGRAPH AT						
+	313	258.	13.17	62.	16.	15.	.43
	2 COMBINED AT						
+	CP313	258.	13.17	62.	15.	15.	5.79
	ROUTED TO						
+	R313	230.	13.92	62.	15.	15.	5.79
	HYDROGRAPH AT						
+	332	353.	13.17	84.	21.	21.	.56
	2 COMBINED AT						
+	CP332	406.	13.75	145.	37.	35.	6.35
	ROUTED TO						
+	R332	382.	14.58	144.	37.	35.	6.35
	HYDROGRAPH AT						
+	347	671.	13.08	148.	38.	36.	1.02
	2 COMBINED AT						
+	1I347	671.	13.08	281.	74.	71.	7.37
	HYDROGRAPH AT						
+	D348	0.	.08	0.	0.	0.	.34
	ROUTED TO						
+	R348	0.	.08	0.	0.	0.	.34
	2 COMBINED AT						
	CP347	671.	13.08	281.	74.	71.	7.71
	ROUTED TO						
+	SR347	646.	13.17	281.	74.	71.	7.71
	ROUTED TO						
+	R347	565.	13.83	272.	74.	71.	7.71

	2 COMBINED AT						
+		CP362	1201.	14.83	668.	191.	184.	10.64
	ROUTED TO						
+		SR362	1200.	14.92	609.	168.	162.	10.64
	ROUTED TO						
+		R362	1122.	16.58	599.	165.	159.	10.64
	HYDROGRAPH AT						
+		378B	350.	13.42	95.	24.	23.	.46
	2 COMBINED AT						
+		1I378B	1128.	16.58	602.	189.	182.	11.10
	HYDROGRAPH AT						
+		ESTGIL	10575.	14.58	5198.	1489.	1434.	46.15
	2 COMBINED AT						
+		CP378B	10569.	14.58	5689.	1654.	1593.	57.25
	DIVERSION TO						
+		2D378G	10569.	14.58	5689.	1654.	1593.	57.25
	HYDROGRAPH AT						
+		D378B	0.	.08	0.	0.	0.	57.25
	2 COMBINED AT						
+		NONE	0.	16.00	0.	0.	0.	255.97
	HYDROGRAPH AT						
+		D223	60.	8.67	60.	50.	48.	2.78
	ROUTED TO						
+		R223	60.	10.00	60.	49.	47.	2.78
	HYDROGRAPH AT						
+		225	460.	12.42	59.	15.	15.	.43
	2 COMBINED AT						
+		1I225	520.	12.42	119.	64.	61.	.43
	HYDROGRAPH AT						
+		225A	441.	12.42	50.	12.	12.	.37
	2 COMBINED AT						
+		CP225	959.	12.42	168.	76.	73.	.80
	ROUTED TO						
+		SR225	84.	13.42	81.	47.	45.	.80
	ROUTED TO						
+		R225	84.	14.25	81.	44.	43.	.80
	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
	2 COMBINED AT							
+		CP242	1049.	12.58	223.	82.	79.	2.03
	ROUTED TO							
+		R242	1047.	12.67	223.	82.	79.	2.03
	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.	81.	2.10
	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
	HYDROGRAPH AT							
		227	331.	12.25	30.	8.	7.	.23
	ROUTED TO							
+		R227	271.	12.58	30.	8.	7.	.23
	HYDROGRAPH AT							
+		228	361.	12.33	36.	9.	9.	.28
	ROUTED TO							
+		R228	322.	12.50	36.	9.	9.	.28
	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

	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
	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
	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
	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
	2 COMBINED AT						
+		CP230	672.	12.42	114.	29.	28.	1.24
	ROUTED TO						
+		R230	652.	12.58	114.	29.	28.	1.24
	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
	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
	HYDROGRAPH AT						
+	D229	172.	12.33	25.	6.	6.	1.02
	ROUTED TO						
+	R229	142.	12.92	25.	6.	6.	1.02
	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
	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
	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	3718.	17.75	2888.	970.	934.	43.84
	2 COMBINED AT						
+	RCP245	3796.	17.67	3007.	1126.	1085.	48.89
	ROUTED TO						
+	RR245	3787.	17.92	2998.	1111.	1071.	48.89
	HYDROGRAPH AT						
	258	334.	12.42	37.	9.	9.	.38
	ROUTED TO						
+	SR258	0.	.08	0.	0.	0.	.38
	2 COMBINED AT						

+		RCP258	3787.	17.92	2998.	1111.	1071.	49.27
	ROUTED TO						
+		RR258	3774.	18.17	2989.	1084.	1044.	49.27
	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
	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
	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
	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
	ROUTED TO						
+		R271C	69.	17.58	26.	6.	6.	.79
	HYDROGRAPH AT						
+		D258A	19.	12.25	1.	0.	0.	.12

	ROUTED TO						
+	R258A	13.	12.58	1.	0.	0.	.12
	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
	ROUTED TO						
+	R259	0.	.08	0.	0.	0.	.32
	HYDROGRAPH AT						
+	D258A	122.	12.25	12.	3.	3.	.12
	ROUTED TO						
+	R258A	116.	12.42	12.	3.	3.	.12
	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
	2 COMBINED AT						
+	RCP272	3774.	18.17	2989.	1084.	1044.	50.46
	ROUTED TO						
+	RR272	3758.	18.42	2979.	1059.	1020.	50.46
	HYDROGRAPH AT						
+	290	413.	12.67	64.	16.	15.	.55
	ROUTED TO						
+	SR290	319.	12.92	64.	16.	15.	.55
	DIVERSION TO						
+	DI291	186.	12.92	16.	4.	4.	.55
	HYDROGRAPH AT						
+	D290	133.	12.92	48.	12.	12.	.55
	2 COMBINED AT						
	RCP290	3758.	18.42	2979.	1071.	1032.	51.01
	ROUTED TO						
+	RR290	3717.	19.17	2964.	990.	954.	51.01
	HYDROGRAPH AT						
+	D290	186.	12.92	16.	4.	4.	.55

	ROUTED TO						
+		R290	52.	17.67	16.	4.	4.	.55
	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
	ROUTED TO						
+		R291	128.	14.83	114.	32.	31.	1.54
	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
	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	3717.	19.17	2964.	990.	954.	52.20
	ROUTED TO						
+		RR287E	3703.	19.33	2953.	963.	927.	52.20
	HYDROGRAPH AT						
+		254	556.	12.58	81.	20.	20.	.59
	ROUTED TO						
+		R254	339.	14.17	76.	20.	19.	.59
	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
	ROUTED TO						
+		R269	17.	23.83	4.	1.	1.	1.25
	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
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
ROUTED TO							
+	R287A	55.	14.92	55.	26.	25.	2.42
HYDROGRAPH AT							
+	288B	179.	13.42	54.	14.	13.	.26
ROUTED TO							
+	R288B	163.	14.17	53.	14.	13.	.26
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
ROUTED TO							
+	R287B	65.	19.67	61.	23.	22.	2.78
HYDROGRAPH AT							
+	D257	119.	13.42	23.	6.	6.	.34
ROUTED TO							
+	R257	104.	14.08	23.	6.	6.	.34
HYDROGRAPH AT							
+	256	326.	13.00	72.	18.	17.	.43
2 COMBINED AT							
+	CP256	326.	13.00	95.	24.	23.	.77
DIVERSION TO							
+	DI271A	211.	13.00	62.	16.	15.	.77
HYDROGRAPH AT							
+	D256	115.	13.00	33.	8.	8.	.77
ROUTED TO							
+	R256	106.	13.42	33.	8.	8.	.77
HYDROGRAPH AT							
+	255	1512.	12.25	152.	41.	40.	.94
2 COMBINED AT							
+	CP255	1512.	12.25	183.	50.	48.	1.71

	ROUTED TO						
+	R255	797.	13.50	177.	48.	46.	1.71
	HYDROGRAPH AT						
	271	377.	13.25	96.	24.	23.	.57
	2 COMBINED AT						
+	1I271	1104.	13.50	265.	72.	69.	2.28
	HYDROGRAPH AT						
+	D256	211.	13.00	62.	16.	15.	.77
	ROUTED TO						
+	R256	193.	13.42	62.	16.	15.	.77
	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
	ROUTED TO						
+	R271A	215.	15.42	79.	21.	20.	.59
	2 COMBINED AT						
+	CP271	1104.	13.50	330.	93.	90.	2.44
	ROUTED TO						
+	SR271	904.	13.75	290.	79.	76.	2.44
	DIVERSION TO						
+	DI289	887.	13.75	287.	78.	75.	2.44
	HYDROGRAPH AT						
+	D271	32.	14.08	4.	1.	1.	2.44
	ROUTED TO						
+	R271	20.	14.92	4.	1.	1.	2.44
	HYDROGRAPH AT						
+	254A	443.	12.08	40.	11.	11.	.22
	ROUTED TO						
+	R254A	304.	12.75	40.	11.	11.	.22
	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.	2.96
	ROUTED TO						
+	SR270	468.	12.42	85.	22.	21.	2.96
	ROUTED TO						
+	R270	209.	15.50	67.	19.	18.	2.96

	HYDROGRAPH AT						
+		D271	887.	13.75	287.	78.	75.	2.44
	ROUTED TO						
+		R271	470.	16.25	241.	69.	66.	2.44
	2 COMBINED AT						
+		1I289	598.	16.17	296.	88.	84.	2.96
	HYDROGRAPH AT						
+		289	519.	13.83	189.	48.	46.	1.00
	2 COMBINED AT						
+		CP289	660.	16.17	387.	135.	130.	3.96
	ROUTED TO						
+		R289	598.	16.83	386.	130.	125.	3.96
	HYDROGRAPH AT						
+		287C	270.	12.67	57.	14.	14.	.23
	2 COMBINED AT						
+		1I287C	599.	16.83	391.	144.	139.	4.19
	2 COMBINED AT						
+		CP287C	649.	16.83	430.	167.	161.	6.97
	ROUTED TO						
+		SR287C	376.	19.17	340.	125.	120.	6.97
	ROUTED TO						
+		R287C	376.	19.67	340.	120.	116.	6.97
	HYDROGRAPH AT						
+		289A	326.	13.17	77.	19.	18.	.50
	ROUTED TO						
+		R289A	285.	14.00	75.	19.	18.	.50
	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.	7.70
	ROUTED TO						
+		SR287D	67.	24.92	62.	25.	24.	7.70
	ROUTED TO						
+		R287D	67.	24.92	61.	25.	24.	7.70
	2 COMBINED AT						
		1RC302	3728.	19.33	2986.	981.	945.	59.56
	HYDROGRAPH AT						
+		D278E	14.	20.58	13.	4.	4.	1.74
	ROUTED TO						

+		R287E	14.	21.08	13.	4.	4.	1.74
	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
	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	3738.	19.33	2995.	989.	953.	59.71
	ROUTED TO							
+		RR302	3723.	19.75	2983.	940.	905.	59.71
	HYDROGRAPH AT							
+		D302	0.	.08	0.	0.	0.	1.89
	ROUTED TO							
+		R302	0.	.08	0.	0.	0.	1.89
	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
	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	3751.	19.75	3011.	959.	924.	60.35
	ROUTED TO							
+		RR320	3724.	20.33	2967.	870.	838.	60.35
	HYDROGRAPH AT							
+		D320	0.	.08	0.	0.	0.	2.53
	ROUTED TO							
+		R320	0.	.08	0.	0.	0.	2.53
	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
	ROUTED TO						
		R338A	595.	12.67	86.	24.	23.	3.30
	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	3724.	20.33	2968.	899.	866.	61.43
	ROUTED TO						
+		RR338	3720.	20.50	2954.	878.	846.	61.43
	HYDROGRAPH AT						
+		367	240.	12.08	16.	4.	4.	.15
	2 COMBINED AT						
+		1RC367	3720.	20.50	2954.	882.	849.	61.58
	HYDROGRAPH AT						
+		D337	373.	13.50	335.	103.	99.	2.34
	ROUTED TO						
+		R337	373.	13.67	335.	103.	99.	2.34
	2 COMBINED AT						
+		RCP367	3743.	20.50	2992.	976.	940.	63.92
	ROUTED TO						
+		RR367	3732.	20.83	2975.	915.	882.	63.92
	HYDROGRAPH AT						
+		370	61.	12.33	5.	1.	1.	.07
	2 COMBINED AT						
+		RCP370	3732.	20.83	2975.	916.	883.	63.99
	ROUTED TO						
+		RR370	3716.	21.33	2876.	843.	812.	63.99
	HYDROGRAPH AT						
+		369	133.	12.25	11.	3.	3.	.15
	2 COMBINED AT						
+		RCP369	3716.	21.33	2876.	845.	814.	64.14
	ROUTED TO						
+		RR369	3710.	21.50	2812.	821.	791.	64.14
	HYDROGRAPH AT						
		366	289.	13.00	61.	15.	15.	.44
	ROUTED TO						
+		R366	158.	15.92	55.	15.	15.	.44
	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
	2 COMBINED AT						
+		RCP368	3731.	21.50	2831.	856.	824.	65.41
	ROUTED TO						
+		RR368	3721.	21.83	2640.	791.	762.	65.41
	HYDROGRAPH AT						
+		D364	2930.	16.75	2073.	779.	750.	27.89
	2 COMBINED AT						
+		RCP364	4744.	21.58	3635.	1519.	1463.	90.46
	ROUTED TO						
+		RR364	4735.	22.17	3592.	1361.	1311.	90.46
	HYDROGRAPH AT						
+		D378B	10569.	14.58	5689.	1654.	1593.	57.25
	2 COMBINED AT						
+		RC378B	11025.	14.67	7535.	2927.	2820.	144.80
	ROUTED TO						
+		RR378B	10989.	14.83	7527.	2887.	2781.	144.80
	HYDROGRAPH AT						
+		378A	350.	13.42	95.	24.	23.	.32
	2 COMBINED AT						
+		RC378A	11052.	14.75	7553.	2908.	2801.	145.12
	ROUTED TO						
+		RR378A	11031.	14.92	7545.	2867.	2761.	145.12
	HYDROGRAPH AT						
+		377A	188.	13.00	39.	10.	9.	.27
	2 COMBINED AT						
+		RC377A	11035.	14.92	7547.	2875.	2770.	145.39
	ROUTED TO						
+		RR377A	10980.	15.17	7528.	2796.	2693.	145.39
	HYDROGRAPH AT						
+		361	138.	13.17	33.	8.	8.	.21
	ROUTED TO						
+		SR361	0.	.08	0.	0.	0.	.21
	ROUTED TO						
		R361	0.	.08	0.	0.	0.	.21
	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
ROUTED TO +	R377	0.	.08	0.	0.	0.	.30
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	10987.	15.17	7530.	2800.	2697.	145.81
ROUTED TO +	RR377B	10898.	15.58	7449.	2634.	2537.	145.81
HYDROGRAPH AT +	387	205.	13.00	44.	11.	11.	.25
2 COMBINED AT +	RCP387	10898.	15.58	7449.	2644.	2546.	146.06
ROUTED TO +	RR387	10876.	15.75	7412.	2595.	2499.	146.06
HYDROGRAPH AT	386	222.	13.25	57.	14.	14.	.35
2 COMBINED AT +	RCP386	10880.	15.75	7412.	2608.	2512.	146.41
ROUTED TO +	RR386	10866.	15.83	7378.	2575.	2481.	146.41
HYDROGRAPH AT +	383A	122.	13.00	27.	7.	7.	.16
2 COMBINED AT +	RC383A	10866.	15.83	7377.	2581.	2486.	146.57
ROUTED TO +	RR383A	10837.	16.00	7309.	2510.	2417.	146.57
HYDROGRAPH AT +	383	154.	12.92	31.	8.	8.	.18
2 COMBINED AT +	RCP383	10837.	16.00	7309.	2517.	2424.	146.75
ROUTED TO +	RR383	10798.	16.17	7257.	2463.	2373.	146.75
HYDROGRAPH AT +	381B	67.	12.75	12.	3.	3.	.07
2 COMBINED AT +	RC381B	10798.	16.17	7257.	2466.	2375.	146.82

	ROUTED TO						
+	RR381B	10753.	16.33	7203.	2414.	2325.	146.82
	HYDROGRAPH AT						
	381	184.	12.92	39.	10.	9.	.21
	ROUTED TO						
+	SR381	78.	13.58	16.	4.	4.	.21
	ROUTED TO						
+	R381	38.	16.75	15.	4.	4.	.21
	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	10752.	16.33	7213.	2425.	2336.	147.23
	HYDROGRAPH AT						
+	292	1004.	12.50	131.	35.	33.	.96
	DIVERSION TO						
+	1D306	505.	12.50	67.	19.	18.	.96
	HYDROGRAPH AT						
+	D292	499.	12.50	64.	16.	15.	.96
	ROUTED TO						
+	R292	456.	12.67	64.	16.	15.	.96
	HYDROGRAPH AT						
+	293	679.	12.67	113.	29.	28.	.77
	2 COMBINED AT						
+	CP293	1134.	12.67	177.	45.	43.	1.73
	ROUTED TO						
+	SR293	1060.	12.75	160.	40.	39.	1.73
	ROUTED TO						
+	R293	893.	13.50	159.	40.	39.	1.73
	HYDROGRAPH AT						
+	293A	76.	12.50	10.	3.	2.	.07
	2 COMBINED AT						
+	CP293A	896.	13.50	168.	43.	41.	1.80
	ROUTED TO						
+	SR293A	656.	13.83	132.	33.	32.	1.80
	DIVERSION TO						
	2D306	67.	13.83	13.	3.	3.	1.80
	HYDROGRAPH AT						
+	D293A	589.	13.83	119.	30.	29.	1.80
	ROUTED TO						
+	R293A	360.	15.58	108.	29.	28.	1.80

	HYDROGRAPH AT							
+		294	274.	12.17	24.	6.	6.	.18
	ROUTED TO							
+		SR294	0.	.08	0.	0.	0.	.18
	ROUTED TO							
+		R294	0.	.08	0.	0.	0.	.18
	HYDROGRAPH AT							
+		309	666.	13.17	157.	39.	38.	1.07
	2 COMBINED AT							
+		1I309	666.	13.17	157.	39.	38.	1.25
	2 COMBINED AT							
+		CP309	665.	13.17	242.	69.	66.	3.05
	ROUTED TO							
+		R309	547.	14.33	226.	67.	64.	3.05
	HYDROGRAPH AT							
+		328	521.	12.92	103.	26.	25.	.76
	2 COMBINED AT							
+		CP328	584.	14.33	291.	93.	89.	3.81
	ROUTED TO							
+		R328	467.	15.33	278.	90.	87.	3.81
	HYDROGRAPH AT							
+		344	343.	13.33	88.	22.	21.	.61
	2 COMBINED AT							
+		CP344	545.	13.92	332.	112.	108.	4.42
	HYDROGRAPH AT							
+		D292	505.	12.50	67.	19.	18.	.96
	ROUTED TO							
+		R292	433.	12.75	67.	19.	18.	.96
	HYDROGRAPH AT							
+		D293A	67.	13.83	13.	3.	3.	1.80
	ROUTED TO							
+		R293A	61.	14.17	13.	3.	3.	1.80
	2 COMBINED AT							
+		1I306	433.	12.75	80.	22.	21.	1.80
	HYDROGRAPH AT							
+		306	367.	12.92	71.	18.	17.	.49
	2 COMBINED AT							
		CP306	772.	12.83	151.	40.	38.	2.29
	ROUTED TO							
+		SR306	766.	12.83	148.	38.	36.	2.29
	ROUTED TO							

+	R306	721.	13.17	147.	38.	36.	2.29
HYDROGRAPH AT							
+	308	270.	12.75	46.	12.	11.	.32
2 COMBINED AT							
+	CP308	882.	13.08	192.	49.	47.	2.61
ROUTED TO							
+	R308	824.	13.42	191.	49.	47.	2.61
HYDROGRAPH AT							
+	327	373.	13.00	77.	19.	18.	.53
2 COMBINED AT							
+	CP327	1066.	13.33	266.	68.	66.	3.14
ROUTED TO							
+	R327	975.	13.67	266.	68.	66.	3.14
HYDROGRAPH AT							
+	343	323.	13.17	74.	19.	18.	.51
2 COMBINED AT							
+	1IC343	1164.	13.58	339.	87.	84.	3.65
2 COMBINED AT							
+	CP343	1677.	13.67	660.	199.	191.	6.27
ROUTED TO							
	R343	1641.	13.92	656.	198.	190.	6.27
HYDROGRAPH AT							
+	356	346.	12.58	51.	13.	12.	.35
2 COMBINED AT							
+	CP356	1650.	13.92	692.	210.	203.	6.62
ROUTED TO							
+	SR356	1628.	14.00	631.	190.	183.	6.62
ROUTED TO							
+	R356	1566.	14.42	615.	184.	178.	6.62
HYDROGRAPH AT							
+	355	85.	12.92	18.	4.	4.	.10
2 COMBINED AT							
+	1I355	1571.	14.42	616.	189.	182.	6.72
HYDROGRAPH AT							
+	307	219.	12.58	30.	8.	7.	.21
ROUTED TO							
+	R307	179.	13.17	30.	8.	7.	.21
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
	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
	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
	ROUTED TO						
+		R354	479.	15.00	196.	52.	50.	1.44
	2 COMBINED AT						
+		2I355	1795.	14.58	811.	240.	232.	8.16
	HYDROGRAPH AT						
+		310	183.	12.58	28.	7.	7.	.19
	ROUTED TO						
+		R310	167.	12.83	28.	7.	7.	.19
	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
	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
	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

	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						
+	346C	135.	12.50	17.	4.	4.	.12
	ROUTED TO						
+	SR346C	0.	.08	0.	0.	0.	.12
	HYDROGRAPH AT						
+	346B	159.	13.25	39.	10.	9.	.27
	2 COMBINED AT						
+	CP346B	158.	13.25	39.	10.	9.	.39
	ROUTED TO						
+	SR346B	154.	13.33	37.	9.	9.	.39
	DIVERSION TO						
+	DI360	27.	13.33	5.	1.	1.	.39
	HYDROGRAPH AT						
+	D346B	127.	13.33	32.	8.	8.	.39
	ROUTED TO						
+	R346B	112.	13.83	32.	8.	8.	.39
	2 COMBINED AT						
+	CP359	1110.	13.33	313.	79.	76.	2.39
	ROUTED TO						
+	SR359	207.	15.00	178.	77.	74.	2.39
	ROUTED TO						
+	R359	206.	15.83	178.	71.	68.	2.39
	HYDROGRAPH AT						
+	360	168.	13.00	36.	9.	9.	.25
	2 COMBINED AT						
+	1I360	207.	15.50	183.	80.	77.	2.64
	HYDROGRAPH AT						
+	D346B	27.	13.33	5.	1.	1.	.39
	ROUTED TO						
+	R346B	13.	15.58	5.	1.	1.	.39
	2 COMBINED AT						
	CP360	220.	15.58	188.	81.	78.	2.64
	ROUTED TO						
+	SR360	216.	16.08	183.	70.	68.	2.64

ROUTED TO

+	R360	210.	18.75	174.	50.	48.	2.64
HYDROGRAPH AT							
+	358	119.	13.17	29.	7.	7.	.19
2 COMBINED AT							
+	CP358	210.	18.75	174.	57.	55.	2.83
ROUTED TO							
+	SR358	161.	21.83	109.	27.	26.	2.83
ROUTED TO							
+	R358	161.	22.17	98.	25.	24.	2.83
2 COMBINED AT							
+	CP355	1795.	14.58	811.	265.	255.	10.99
ROUTED TO							
+	SR355	1443.	15.17	666.	216.	208.	10.99
ROUTED TO							
+	R355	1340.	15.92	649.	204.	197.	10.99
HYDROGRAPH AT							
+	373	386.	12.75	68.	17.	16.	.43
2 COMBINED AT							
+	1I373	1340.	15.92	649.	221.	213.	11.42
HYDROGRAPH AT							
	355A	46.	12.50	6.	1.	1.	.04
ROUTED TO							
+	SR355A	0.	.08	0.	0.	0.	.04
ROUTED TO							
+	R355A	0.	.08	0.	0.	0.	.04
2 COMBINED AT							
+	CP373	1340.	15.92	649.	221.	213.	11.46
ROUTED TO							
+	R373	1145.	17.08	619.	199.	191.	11.46
HYDROGRAPH AT							
+	374	459.	13.50	137.	34.	33.	.76
2 COMBINED AT							
+	1I374	1144.	17.08	618.	232.	224.	12.22
HYDROGRAPH AT							
+	375	262.	13.42	74.	19.	18.	.41
ROUTED TO							
+	R375	177.	16.25	64.	17.	17.	.41
2 COMBINED AT							
+	2I374	1254.	17.08	664.	248.	239.	12.63
HYDROGRAPH AT							
+	376	344.	13.00	75.	19.	18.	.42

	ROUTED TO						
+	R376	209.	15.50	67.	18.	17.	.42
	2 COMBINED AT						
	CP374	1328.	17.00	703.	265.	256.	13.05
	ROUTED TO						
+	R374	1110.	19.83	697.	185.	179.	13.05
	HYDROGRAPH AT						
+	305	666.	13.00	141.	35.	34.	.92
	ROUTED TO						
+	SR305	615.	13.17	132.	33.	32.	.92
	ROUTED TO						
+	R305	592.	13.33	132.	33.	32.	.92
	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
	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
	HYDROGRAPH AT						
+	325A	404.	13.08	88.	22.	21.	.61
	ROUTED TO						
+	R325A	345.	14.08	88.	22.	21.	.61
	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
	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

	ROUTED TO						
+	R353	1234.	14.33	471.	124.	119.	3.42
	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
	ROUTED TO						
+	R352	915.	17.25	393.	106.	102.	3.60
	HYDROGRAPH AT						
+	372	796.	13.75	262.	66.	63.	1.62
	3 COMBINED AT						
+	1I372	1385.	19.92	956.	349.	336.	18.27
	HYDROGRAPH AT						
+	385	298.	13.17	77.	19.	19.	.39
	ROUTED TO						
+	R385	252.	14.42	74.	19.	19.	.39
	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
	2 COMBINED AT						
+	2I372	1443.	19.92	1028.	378.	364.	18.95
	HYDROGRAPH AT						
+	41A1	48.	12.00	3.	1.	1.	.02
	ROUTED TO						
+	SR41A1	23.	12.17	3.	1.	1.	.02
	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
	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
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
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
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
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
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
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
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	ROUTED TO						
+		R43-3	15.	13.75	5.	1.	1.	1.06
	HYDROGRAPH AT						
+		CP43-1	282.	12.83	42.	11.	10.	1.00
	ROUTED TO						
+		R43-1	290.	13.42	42.	11.	10.	1.00
	HYDROGRAPH AT						
+		CP43-2	10.	12.17	1.	0.	0.	1.01
	ROUTED TO						
+		R43-2	4.	13.92	1.	0.	0.	1.01
	HYDROGRAPH AT						
+		303A	531.	12.25	49.	12.	12.	.42
	4 COMBINED AT						
+		CP303A	530.	12.25	97.	24.	24.	1.48
	ROUTED TO						
+		R303A	459.	12.50	97.	24.	24.	1.48
	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
	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
	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
	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
	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
	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
	ROUTED TO						
+		R351	921.	14.75	379.	102.	98.	4.33
	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
	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
	2 COMBINED AT						
+		CP372	1547.	19.92	1151.	453.	436.	23.41

	DIVERSION TO						
+		DI371	1250.	19.92	954.	379.	365.	23.41
	HYDROGRAPH AT						
		D372	296.	19.92	197.	74.	71.	23.41
	DIVERSION TO						
+		DI379	33.	19.92	12.	3.	3.	23.41
	HYDROGRAPH AT						
+		2D372	264.	19.92	185.	71.	68.	23.41
	ROUTED TO						
+		R372	260.	20.17	184.	69.	67.	23.41
	HYDROGRAPH AT						
+		382	539.	13.17	136.	34.	33.	.71
	2 COMBINED AT						
+		CP382	572.	13.17	221.	102.	98.	24.12
	ROUTED TO						
+		R382	345.	16.75	177.	65.	63.	24.12
	HYDROGRAPH AT						
+		D372	33.	19.92	12.	3.	3.	23.41
	ROUTED TO						
+		R372	3.	24.92	0.	0.	0.	23.41
	2 COMBINED AT						
+		1I379	345.	16.75	177.	65.	63.	24.12
	HYDROGRAPH AT						
+		381A	115.	12.58	17.	4.	4.	.10
	ROUTED TO						
+		SR381A	0.	.08	0.	0.	0.	.10
	ROUTED TO						
+		R381A	0.	.08	0.	0.	0.	.10
	2 COMBINED AT						
+		2I379	345.	16.75	177.	65.	63.	24.22
	HYDROGRAPH AT						
+		379	220.	13.58	67.	17.	16.	.46
	2 COMBINED AT						
+		3I379	350.	16.75	177.	82.	79.	24.68
	HYDROGRAPH AT						
+		D41A1	23.	12.17	3.	1.	1.	.02
	ROUTED TO						
		R41A1	13.	13.58	3.	1.	1.	.02
	HYDROGRAPH AT						
+		D41A2	24.	12.00	2.	0.	0.	.05
	ROUTED TO						
+		R41A2	12.	13.50	2.	0.	0.	.05

	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
	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
	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
	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
	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
	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
	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
	2 COMBINED AT							
+		CP321	1309.	12.25	306.	80.	77.	4.60
	ROUTED TO							
+		SR321	931.	12.75	224.	58.	56.	4.60
	ROUTED TO							
+		R321	855.	13.00	220.	58.	56.	4.60
	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
	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
	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
	ROUTED TO							
+		R349	1376.	14.25	510.	141.	136.	6.87
	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
	2 COMBINED AT							
+		CP350	1417.	14.25	532.	155.	150.	8.79

	ROUTED TO							
+		SR350	1374.	14.42	503.	143.	138.	8.79
	ROUTED TO							
		R350	1316.	14.92	491.	141.	136.	8.79
	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	1250.	19.92	954.	379.	365.	23.41
	ROUTED TO							
+		R372	1203.	21.25	949.	323.	311.	23.41
	2 COMBINED AT							
+		CP371	1551.	15.42	1084.	491.	473.	28.67
	ROUTED TO							
+		R371	1482.	16.33	1075.	432.	416.	28.67
	2 COMBINED AT							
+		CP379	1684.	16.67	1224.	511.	493.	29.94
	ROUTED TO							
+		SR379	1637.	16.75	1223.	501.	483.	29.94
	2 COMBINED AT							
+		CPWTAF	11985.	16.33	8260.	2853.	2748.	177.14

1

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

ISTAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	INTERPOLATED TO COMPUTATION INTERVAL DT	PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)
FOR STORM = 1	STORM AREA (SQ MI) =			.00					
R287D	MANE	4.57	67.39	1496.73	.12	5.00	67.35	1495.00	.12

CONTINUITY SUMMARY (AC-FT) - INFLOW= .5068E+02 EXCESS= .0000E+00 OUTFLOW= .4925E+02 BASIN STORAGE= .1464E+01 PERCENT ERROR= -.1

FOR STORM = 2	STORM AREA (SQ MI) =			10.00					
R287D	MANE	4.57	66.97	1498.83	.12	5.00	66.90	1495.00	.12

CONTINUITY SUMMARY (AC-FT) - INFLOW= .5029E+02 EXCESS= .0000E+00 OUTFLOW= .4907E+02 BASIN STORAGE= .1457E+01 PERCENT ERROR= -.5

FOR STORM = 3	STORM AREA (SQ MI) =			50.00					
R287D	MANE	4.63	65.15	1496.75	.12	5.00	65.11	1495.00	.11

CONTINUITY SUMMARY (AC-FT) - INFLOW= .4869E+02 EXCESS= .0000E+00 OUTFLOW= .4731E+02 BASIN STORAGE= .1420E+01 PERCENT ERROR= -.1

```
FOR STORM = 4  STORM AREA (SQ MI) =      100.00
   R287D  MANE        4.66     64.38   1496.74       .11       5.00      64.35   1495.00         .11

CONTINUITY SUMMARY (AC-FT) - INFLOW= .4797E+02 EXCESS= .0000E+00 OUTFLOW= .4660E+02 BASIN STORAGE= .1404E+01 PERCENT ERROR=   -.1

FOR STORM = 5  STORM AREA (SQ MI) =      200.00
   R287D  MANE        4.71     63.73   1496.37       .11       5.00      63.70   1495.00         .11

CONTINUITY SUMMARY (AC-FT) - INFLOW= .4735E+02 EXCESS= .0000E+00 OUTFLOW= .4595E+02 BASIN STORAGE= .1387E+01 PERCENT ERROR=    .0

FOR STORM = 1  STORM AREA (SQ MI) =        .00
    R337  MANE        4.43    373.36    822.86      1.65       5.00     373.36    820.00        1.65

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2061E+03 EXCESS= .0000E+00 OUTFLOW= .2060E+03 BASIN STORAGE= .1754E+00 PERCENT ERROR=    .0

FOR STORM = 2  STORM AREA (SQ MI) =      10.00
    R337  MANE        4.43    373.15    819.15      1.63       5.00     373.15    820.00        1.63

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2034E+03 EXCESS= .0000E+00 OUTFLOW= .2032E+03 BASIN STORAGE= .1795E+00 PERCENT ERROR=    .0

FOR STORM = 3  STORM AREA (SQ MI) =      50.00
    R337  MANE        4.47    372.30    818.34      1.54       5.00     372.30    820.00        1.54

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1926E+03 EXCESS= .0000E+00 OUTFLOW= .1924E+03 BASIN STORAGE= .1753E+00 PERCENT ERROR=    .0

FOR STORM = 4  STORM AREA (SQ MI) =     100.00
    R337  MANE        4.41    371.93    816.98      1.50       5.00     371.93    820.00        1.50

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1878E+03 EXCESS= .0000E+00 OUTFLOW= .1877E+03 BASIN STORAGE= .1639E+00 PERCENT ERROR=    .0

FOR STORM = 5  STORM AREA (SQ MI) =     200.00
    R337  MANE        4.41    371.63    817.72      1.47       5.00     371.62    820.00        1.47

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1838E+03 EXCESS= .0000E+00 OUTFLOW= .1836E+03 BASIN STORAGE= .1640E+00 PERCENT ERROR=    .0

1                    SUMMARY OF DAM OVERTOPPING/BREACH ANALYSIS FOR STATION    SRWT3
              (PEAKS SHOWN ARE FOR INTERNAL TIME STEP USED  DURING BREACH FORMATION)

   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	1199.40	.00	884.	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 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	1199.26	.00	867.	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 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	1198.72	.00	800.	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	1198.48	.00	771.	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	1198.28	.00	747.	0.	.00	.00	.00

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

HEC-1 OUTPUT

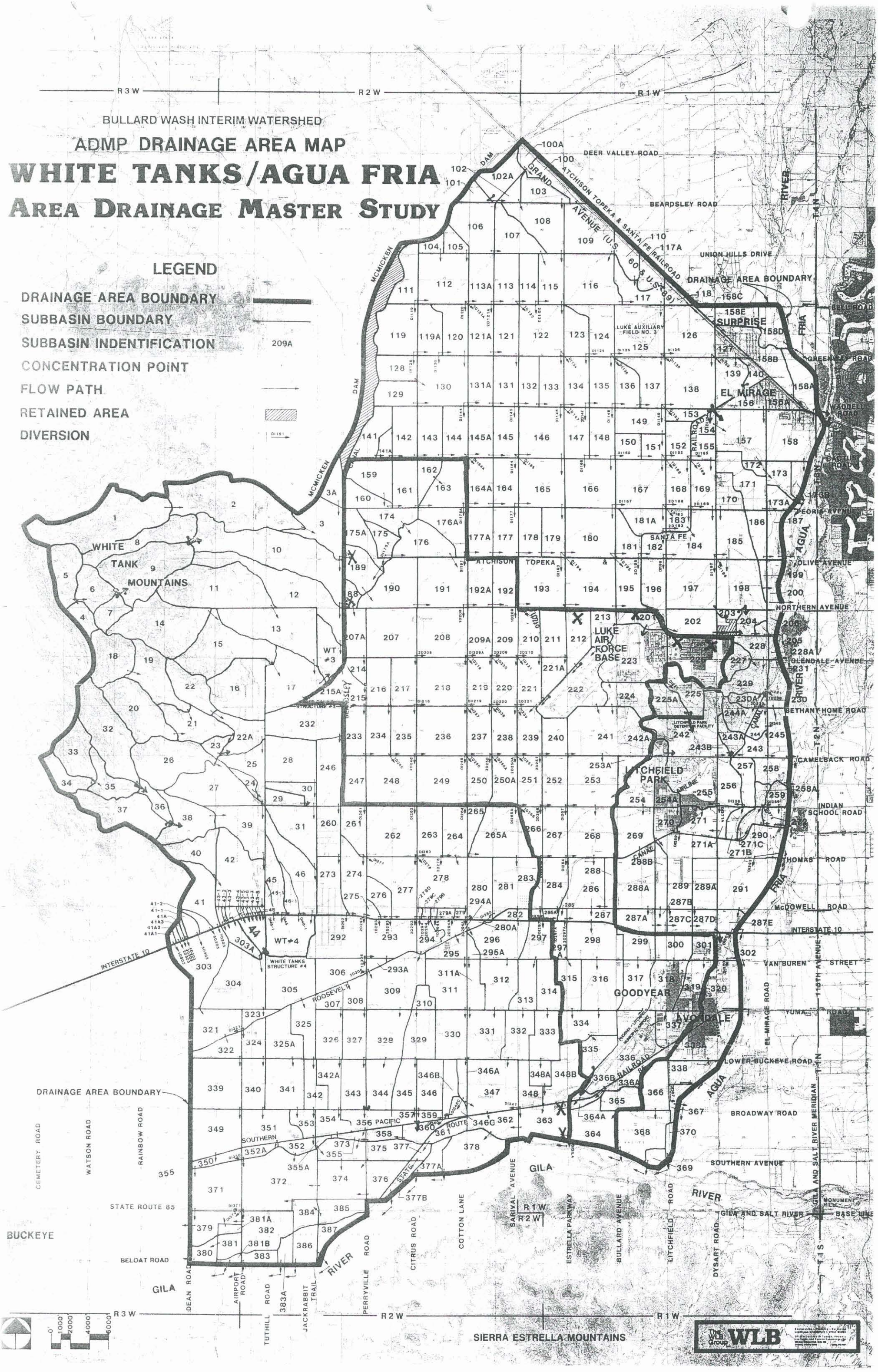
Interim Condition for Bullard Wash
Channel Design

(WTBULL.24)

BULLARD WASH INTERIM WATERSHED

ADMP DRAINAGE AREA MAP

WHITE TANKS/AGUA FRIA AREA DRAINAGE MASTER STUDY



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1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*          SEPTEMBER 1990              *
*           VERSION 4.0                *
*                                      *
* RUN DATE  12/28/1994  TIME  08:10:59 *
*                                      *
****************************************
```

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

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

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

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


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

  1           ID
  2           ID          WHITE TANKS/AGUA FRIA ARIA DRAINAGE MASTER PLAN
  3           ID          BULLARD WASH INTERIM WATERSHED
  4           ID          100-YEAR, 24-HOUR STORM                    FILE: WTBULL.24
  5           ID          THIS MODEL REFLECTS FUTURE CHANNELS OR CHANNEL IMPROVEMENT ALONG:
  6           ID          -BEARDSLEY CANAL WASH,WHITE TANKS NO.3 TO PEORIA AV.
  7           ID          -DYSART DRAIN,AGUA FRIA RIVER TO REEMS ROAD
  8           ID          -BULLARD WASH,GILA RIVER TO APPROX. 1/4 MILE SOUTH OF LOWER BUKEYE RD.
  9           ID          IT DOES NOT INCLUDE ,HOWEVER,THE FUTURE CHANNEL ALONG THE ESTRELLA
 10           ID          FREEWAY,HENCE IT IS AN INTERIM CONDITION USED FOR DESIGHN PURPOSES
 11           ID          ON BULLARD WASH
 12           ID
 13           ID
              *DIAGRAM
 14           IT      5                   300
 15           IO      5
 16           IN     15
 17           JD   4.03    .001
 18           PC   .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 19           PC   .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 20           PC   .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 21           PC   .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 22           PC   .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 23           PC   .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
```

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 24        PC   .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 25        PC   .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 26        PC   .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 27        PC   .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
 28        JD   3.99      10
 29        JD   3.83      50
 30        JD   3.76     100
 31        JD   3.70     200

 32        KK    159
 33        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 159
 34        BA    .58
 35        LG    .35     .34    3.81     .65     .00
 36        UI    66.    169.    316.    407.    539.    797.    641.    495.    375.    269.
 37        UI   139.    105.     66.     33.     20.     20.     20.      0.      0.      0.
 38        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 39        KK   R159
 40        KM        ROUTE FLOW FROM CP159 TO CP160
 41        RS      1              -1      0
 42        RC   .022    .022    .025     830   .0036
 43        RX   1000    1001    1002    1020    1060    1150    1320    1440
 44        RY   1265    1265    1265    1264    1264    1266    1268    1270

 45        KK    160
 46        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 160
 47        BA    .39
 48        LG    .35     .33    3.98     .34     .00
 49        UI    41.     92.    184.    238.    301.    435.    474.    354.    279.    216.
 50        UI   150.     79.     64.     41.     22.     13.     13.     13.     13.      0.
 51        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

 52        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 53        KK   CP160
 54        KM        ADD HYDROGRAPHS AT CP160
 55        HC      2     .97

 56        KK   R160
 57        KM        ROUTE FLOW FROM CP160 TO CP161
 58        RS      3              -1      0
 59        RC   .075     .04     .04    2650   .0072
 60        RX   1000    1001    1210    1630    1670    1688    1689    1690
 61        RY   1259    1259    1258    1256    1256    1257    1257    1257

 62        KK    161
 63        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 161
 64        BA    .50
 65        LG    .49     .03    4.09     .77     .00
 66        UI    24.     24.     24.     70.     92.    114.    127.    140.    155.    176.
 67        UI   195.    236.    297.    307.    258.    225.    202.    184.    161.    145.
 68        UI   127.    115.     93.     70.     43.     42.     40.     36.     24.     24.
 69        UI    23.      7.      7.      7.      7.      7.      7.      7.      7.      7.
 70        UI     7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 71        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 72        KK   CP161
 73        KM        ADD HYDROGRAPHS AT CP161
 74        HC      2    1.47
```

```
 75          KK    R161
 76          KM        ROUTE FLOW FROM CP161 TO CP163
 77          RS      6              -1       0
 78          RC    .08     .04     .04    5280   .0074
 79          RX   1000    1500    1910    2455    2470    2488    2489    2490
 80          RY   1226    1224    1222    1220    1220    1221    1221    1221

 81          KK     162
 82          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 162
 83          BA    .25
 84          LG    .50     .00    3.96     .59     .00
 85          UI    22.     35.     86.    114.    137.    169.    233.    270.    206.    170.
 86          UI   138.    110.     78.     44.     37.     26.     22.      7.      7.      7.
 87          UI     7.      7.      0.      0.      0.      0.      0.      0.      0.      0.
 88          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 89          KK    R162
 90          KM        ROUTE FLOW FROM CP162 TO CP163
 91          RS      8              -1       0
 92          RC    .08     .04     .04    5460   .0062
 93          RX   1000    1500    1910    2455    2470    2488    2489    2490
 94          RY   1226    1224    1222    1220    1220    1221    1221    1221
```



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

 95          KK     163
 96          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 163
 97          BA    .75
 98          LG    .50     .00    3.70     .42     .00
 99          UI    37.     37.     37.    107.    140.    173.    193.    212.    235.    267.
100          UI   296.    361.    456.    458.    383.    336.    303.    274.    240.    216.
101          UI   187.    170.    133.    101.     65.     63.     60.     51.     37.     37.
102          UI    30.     11.     11.     11.     11.     11.     11.     11.     11.     11.
103          UI    11.      0.      0.      0.      0.      0.      0.      0.      0.      0.
104          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

105          KK   1I163
106          KM        ADD HYDROGRAPHS AT CP163
107          HC      2     1.0

108          KK   CP163
109          KM        ADD HYDROGRAPHS AT CP163
110          HC      2    2.47

111          KK    D163
112          KM        DIVERT TO CP176A FROM CP163
113          DT  DI176A
114          DI      0      72     427    1229    2615    4708    5777    6545    8336   11092
115          DQ      0       0       0       0       0       0       9      95     329     762

116          KK    D163
117          KM        DIVERT REMAINDER TO CP164A
118          DT  DD164A
119          DI      0   10000
120          DQ      0   10000

121          KK    D163
122          KM        RETURN DIVERT AT CP163
123          DR  DI176A
```

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

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



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

KK  CP176A
KM        ADD HYDROGRAPHS AT CP176A
HC       2    3.09

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

KK   D176A
KM        DIVERT REMAINDER TO CP177A
DT  DD177A
DI       0   10000
DQ       0   10000

KK     174
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 174
BA     .45
LG     .35     .33    3.90     .33     .00
UI     62.    218.    346.    474.    735.    574.    418.    294.    145.     94.
UI     57.     19.     19.     19.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

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

KK     175
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 175
BA     .28
LG     .35     .33    3.87     .33     .00
UI     38.    128.    207.    279.    440.    364.    267.    192.    103.     63.
UI     38.     15.     12.     12.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
174          KK    D175
175          KM        DIVERT TO CP175A FROM CP175
176          DT  DI175A
177          DI       0       53      200      459      854     1367     2544     4308     6658     9613
178          DQ       0       53      200      459      854     1047     1478     2105     2915     3906

179          KK    R175
180          KM        ROUTE REMAINDER FROM CP175 TO CP176
181          RS       5                -1        0
182          RC    .025     .022     .022     6500    .0074
183          RX    1000     1100     1300     1420     1470     1558     1559     1560
184          RY    1226     1224     1222     1220     1220     1222     1222     1222
```



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


185          KK     176
186          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 176
187          BA     .67
188          LG     .35      .34     4.03      .35      .00
189          UI     66.     128.     279.     362.     449.     588.     817.     642.     515.     407.
190          UI    319.     208.     115.      99.      66.      37.      20.      20.      20.      20.
191          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
192          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

193          KK   1I176
194          KM        ADD HYDROGRAPHS AT CP176
195          HC       2      .95

196          KK   CP176
197          KM        ADD HYDROGRAPHS AT CP176
198          HC       2     1.40

199          KK    R176
200          KM        ROUTE FLOW FROM CP176 TO CP191
201          RS       5                -1        0
202          RC    .035     .035     .075     5540    .0067
203          RX    1000     1001     1002     1025     1100     1400     1720     2050
204          RY    1163     1163     1163     1162     1162     1164     1166     1168

205          KK    D175
206          KM        RETURN DIVERT AT CP175
207          DR  DI175A

208          KK    R175
209          KM        ROUTE FLOW FROM CP175 TO CP175A
210          RS       2                -1        0
211          RC    .022     .022     .025     1560    .0013
212          RX    1000     1001     1002     1020     1055     1150     1190     1390
213          RY    1136     1136     1136     1134     1134     1136     1138     1140

214          KK    175A
215          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 175A
216          BA     .47
217          LG     .35      .33     3.80      .65      .00
218          UI     42.      66.     162.     215.     258.     317.     439.     507.     388.     320.
219          UI    258.     207.     147.      82.      69.      48.      41.      13.      13.      13.
220          UI     13.      13.       0.       0.       0.       0.       0.       0.       0.       0.
221          UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.
```

```
222          KK  CP175A
223          KM        ADD HYDROGRAPHS AT CP175A
224          HC       2     .75

225          KK   R175A
226          KM        ROUTE FLOW FROM CP175A TO CP189
227          RS      11              -1       0
228          RC    .022    .022    .025    3300   .0009
229          RX    1000    1001    1002    1020    1035    1170    1460    1720
230          RY    1233    1233    1233    1232    1232    1234    1236    1238
```



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


231          KK     189
232          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 189
233          BA     .51
234          LG     .35     .35    4.17     .40     .00
235          UI     52.    110.    229.    298.    372.    516.    631.    471.    376.    293.
236          UI    219.    118.     88.     59.     43.     16.     16.     16.     16.      0.
237          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
238          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

239          KK   CP189
240          KM        ADD HYDROGRAPHS AT CP189
241          HC       2    1.26

242          KK    R189
243          KM        ROUTE FLOW FROM CP189 TO CP190
244          RS       8              -1       0
245          RC     .08    .035    .035    6900   .0057
246          RX    1000    1270    1700    2040    2090    2118    2119    2120
247          RY    1212    1210    1208    1206    1206    1207    1207    1207

248          KK     190
249          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 190
250          BA     .86
251          LG     .50     .00    4.18     .42     .00
252          UI     44.     44.     44.    141.    176.    209.    238.    261.    292.    331.
253          UI    381.    482.    570.    492.    422.    374.    339.    297.    264.    232.
254          UI    207.    167.    124.     77.     76.     72.     59.     44.     44.     31.
255          UI     13.     13.     13.     13.     13.     13.     13.     13.     13.      0.
256          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
257          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

258          KK   CP190
259          KM        ADD HYDROGRAPHS AT CP190
260          HC       2    2.12

261          KK    R190
262          KM        ROUTE FLOW FROM CP190 TO CP191
263          RS       5              -1
264          RC    .075    .035    .035    5280   .0076
265          RX    1000    1260    2080    2310    2330    2358    2359    2360
266          RY    1182    1180    1178    1176    1176    1177    1177    1177

267          KK   D176A
268          KM        RETURN DIVERT AT CP176A
269          DR   DI191

270          KK   R176A
```

```
271          KM        ROUTE FLOW FROM CP176A TO CP191
272          RS      4              -1       0
273          RC    .035    .035    .08    5280   .0062
274          RX    1000    1001    1002   1025   1100    1400    1720    2050
275          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

276          KK   1I191
277          KM        ADD HYDROGRAPHS AT CP191
278          HC      3    6.33

279          KK     191
280          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 191
281          BA     .99
282          LG     .50     .00    3.59    .41    .00
283          UI     39.     39.    39.    40.    127.    144.    170.    189.    210.    223.
284          UI    243.    267.   293.   322.    381.    459.    509.    443.    389.    353.
285          UI    324.    301.   272.   247.    227.    204.    186.    166.    135.    111.
286          UI     70.     68.    65.    63.     56.     39.     39.     39.     30.     12.
287          UI     12.     12.    12.    12.     12.     12.     12.     12.     12.     12.
288          UI     12.      0.     0.     0.      0.      0.      0.      0.      0.      0.
289          UI      0.      0.     0.     0.      0.      0.      0.      0.      0.      0.

290          KK   CP191
291          KM        ADD HYDROGRAPHS AT CP191
292          HC      2    7.32

293          KK   CP191
294          KM        DIVERT TO CP208 FROM CP191
295          DT   DI208
296          DI      0      80    468   1339    2000    3000    4000    5000    6000
297          DQ      0      80    468   1339    1339    1339    1339    1339    1339

298          KK    R191
299          KM        ROUTE REMAINDER FROM CP191 TO CP192A
300          RS      5              -1       0
301          RC    .08     .04    .04    2640   .0045
302          RX   1000    1350   1800   2200    2225    2278    2279    2280
303          RY   1148    1146   1144   1142    1142    1143    1143    1143

304          KK    192A
305          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 192A
306          BA     .50
307          LG     .50     .00    4.18    .41    .00
308          UI     22.     22.    22.    50.     79.     96.    110.    122.    133.    146.
309          UI    164.    180.   217.   267.    291.    246.    215.    194.    178.    160.
310          UI    142.    129.   114.   105.     85.     64.     43.     40.     37.     37.
311          UI     25.     22.    22.    17.      7.      7.      7.      7.      7.      7.
312          UI      7.      7.     7.     7.      0.      0.      0.      0.      0.      0.
313          UI      0.      0.     0.     0.      0.      0.      0.      0.      0.      0.

314          KK  CP192A
315          KM        ADD HYDROGRAPHS AT CP192A
316          HC      2    7.82

317          KK   R192A
318          KM        ROUTE REMAINDER FROM CP192A TO CP192
319          RS      9              -1       0
320          RC    .08     .04    .04    2640   .0045
```

```
321          RX    1000    1350    1800    2200    2225    2278    2279    2280
322          RY    1148    1146    1144    1142    1142    1143    1143    1143
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


323          KK     192
324          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 192
325          BA     .50
326          LG     .50     .00    4.18     .41     .00
327          UI     22.     22.     22.     51.     80.     96.    110.    123.    134.    147.
328          UI    165.    182.    219.    270.    290.    245.    215.    193.    178.    159.
329          UI    142.    129.    114.    104.     83.     64.     41.     40.     37.     37.
330          UI     24.     22.     22.     16.      7.      7.      7.      7.      7.      7.
331          UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
332          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

333          KK   CP192
334          KM        ADD HYDROGRAPHS AT CP192
335          HC       2    8.32

336          KK    D192
337          KM        DIVERT TO CP209 FROM CP192
338          DT   DI209
339          DI       0     126     480     965    3703    6169    9453
340          DQ       0     126     419     853    3404    5491    8154

341          KK    D192
342          KM        DIVERT TO CP210 FROM CP192
343          DT   DI210
344          DI       0      61     112     299     678    1299    2208
345          DQ       0       0       0       0       0     433     736

346          KK    D192
347          KM        DIVERT REMAINDER TO CP193
348          DT   DD193
349          DI       0   10000
350          DQ       0   10000

351          KK     188
352          KM        RUNOFFF HYDROGRAPH FROM SUB-BASIN 188
353          BA     .19
354          LG     .35     .33    4.11     .51     .00
355          UI     29.    120.    179.    274.    326.    221.    152.     76.     44.     24.
356          UI      9.      9.      0.      0.      0.      0.      0.      0.      0.      0.
357          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

358          KK    R188
359          KM        ROUTE FLOW FROM CP188 TO CP207A
360          RS       3              -1
361          RC    .025    .022    .025    5460   .0079
362          RX    1000    1100    1200    1210    1230    1335    1355    1510
363          RY    1240    1214    1212    1210    1210    1212    1214    1240

364          KK    207A
365          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 207A
366          BA     .50
367          LG     .35     .34    4.03     .55     .00
368          UI     53.    124.    244.    314.    400.    593.    595.    448.    350.    270.
369          UI    176.     93.     76.     53.     20.     16.     16.     16.      0.      0.
```

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

 370          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 371          KK  CP207A
 372          KM        ADD HYDROGRAPHS AT CP207A
 373          HC       2    0.69

 374          KK   R207A
 375          KM        ROUTE FLOW FROM CP207A TO CP214
 376          RS       2              -1
 377          RC    .022    .022    .025    3200   .0069
 378          RX    1000    1020    1030    1045    1065    1085    1325    1490
 379          RY    1179    1176    1172    1170    1170    1172    1174    1176

 380          KK     214
 381          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 214
 382          BA     .16
 383          LG     .35     .35    4.16     .38     .00
 384          UI     22.     81.    127.    176.    267.    201.    146.    100.     47.     31.
 385          UI     18.      7.      7.      7.      0.      0.      0.      0.      0.      0.
 386          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 387          KK   CP214
 388          KM        ADD HYDROGRAPHS AT CP214
 389          HC       2    0.85

 390          KK    R214
 391          KM        ROUTE FLOW FROM CP214 TO CP215
 392          RS       1              -1
 393          RC    .022    .022    .025    2250   .0049
 394          RX    1000    1010    1030    1045    1070    1150    1190    1310
 395          RY    1061    1060    1058    1056    1056    1058    1060    1062

 396          KK    215A
 397          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 215A
 398          BA     .45
 399          LG     .35     .33    3.94     .34     .00
 400          UI     47.    103.    209.    271.    341.    487.    551.    410.    325.    252.
 401          UI    178.     95.     77.     47.     29.     14.     14.     14.     14.      0.
 402          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
 403          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

 404          KK   R215A
 405          KM        ROUTE FLOW FROM CP215A TO CP215
 406          RS       2              -1
 407          RC    .025     .02    .025    2800   .0046
 408          RX    1000    1190    1425    1435    1455    1478    1479    1480
 409          RY    1158    1156    1154    1152    1152    1159    1159    1159

 410          KK     215
 411          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 215
 412          BA     .35
 413          LG     .35     .34    3.71     .31     .00
 414          UI     39.     95.    181.    233.    303.    457.    398.    306.    235.    177.
 415          UI     98.     65.     45.     29.     12.     12.     12.     12.      0.      0.
 416          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```


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

```
417        KK   1I215
418        KM        ADD HYDROGRAPHS AT CP215
419        HC       2     .70

420        KK   CP215
421        KM        ADD HYDROGRAPHS AT CP215
422        HC       2    1.55

423        KK    R215
424        KM        ROUTE FLOW FROM CP215 TO CP233
425        RS       3              -1
426        RC     .02     .02    .025    5280   .0032
427        RX    1000    1010    1020    1030    1050    1070    1190    1540
428        RY    1043    1042    1040    1038    1038    1040    1042    1044

429        KK     233
430        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 233
431        BA     .50
432        LG     .35     .35    4.22     .39     .00
433        UI     49.     94.    206.    267.    331.    430.    604.    483.    386.    306.
434        UI    242.    163.     86.     76.     49.     31.     15.     15.     15.     15.
435        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
436        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

437        KK   CP233
438        KM        ADD HYDROGRAPHS AT CP233
439        HC       2    2.05

440        KK    R233
441        KM        ROUTE FLOW FROM CP233 TO CP234
442        RS       2              -1
443        RC    .075    .035    .035    2640   .0057
444        RX    1000    1200    1540    1930    1965    1980    2009    2010
445        RY    1031    1030    1028    1026    1026    1028    1029    1029

446        KK     216
447        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 216
448        BA     .51
449        LG     .46     .09    4.21     .40     .00
450        UI     26.     26.     27.     88.    108.    128.    145.    160.    180.    203.
451        UI    240.    304.    342.    285.    246.    220.    198.    172.    154.    134.
452        UI    117.     89.     63.     47.     44.     43.     27.     26.     26.      9.
453        UI      8.      8.      8.      8.      8.      8.      8.      8.      0.      0.
454        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

455        KK    R216
456        KM        ROUTE FLOW FROM CP216 TO CP234
457        RS       4              -1
458        RC     .02     .02     .04    5280   .0044
459        RX    1000    1015    1020    1035    1070    1080    1140    1400
460        RY    1031    1030    1028    1026    1026    1028    1030    1032
```



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

461        KK     234
462        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 234
463        BA     .53
464        LG     .50     .00    4.25     .40     .00
465        UI     22.     22.     22.     35.     74.     87.    103.    113.    124.    134.
```

```
466        UI   148.   164.   179.   214.   259.   289.   250.   219.   197.   181.
467        UI   167.   149.   136.   122.   110.   100.    82.    63.    43.    39.
468        UI    37.    36.    30.    22.    22.    22.    11.     7.     7.     7.
469        UI     7.     7.     7.     7.     7.     7.     7.     7.     0.     0.
470        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

471        KK  1I234
472        KM       ADD HYDROGRAPHS AT CP234
473        HC     2    1.04

474        KK  CP234
475        KM       ADD HYDROGRAPHS AT CP234
476        HC     2    3.09

477        KK   D234
478        KM       DIVERT FROM CP234 TO CP248
479        DT  1D248
480        DI     0    290    677   3521  13393
481        DQ     0      0    174   1824  10224

482        KK   R234
483        KM       ROUTE REMAINDER FROM CP234 TO CP235
484        RS     3             -1
485        RC   .06   .025   .025   2640  .0023
486        RX  1000   1460   1900   1915   1930   1958   1959   1960
487        RY  1018   1016   1016   1014   1014   1015   1015   1015

488        KK   207
489        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 207
490        BA  1.00
491        LG   .50    .00   3.99    .39    .00
492        UI   39.    39.    39.    39.   125.   143.   169.   187.   209.   222.
493        UI  241.   263.   291.   316.   374.   445.   510.   454.   399.   358.
494        UI  329.   306.   280.   252.   231.   210.   191.   174.   145.   111.
495        UI   83.    68.    66.    63.    63.    40.    39.    39.    39.    14.
496        UI   12.    12.    12.    12.    12.    12.    12.    12.    12.    12.
497        UI   12.    12.     0.     0.     0.     0.     0.     0.     0.     0.
498        UI    0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

499        KK   D207
500        KM       DIVERT FROM CP207 TO CP208
501        DT  2D208
502        DI     0   1709  12182
503        DQ     0   1314   6607
```



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

504        KK   R207
505        KM       ROUTE REMAINDER FROM CP207 TO CP217
506        RS     8             -1
507        RC  .035   .035   .075   5280  .0057
508        RX  1000   1001   1002   1015   1060   1490   1740   2250
509        RY  1151   1151   1151   1150   1150   1152   1154   1156

510        KK   217
511        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 217
512        BA   .49
513        LG   .50    .00   4.19    .38    .00
514        UI   22.    22.    22.    54.    81.    98.   112.   124.   135.   150.
515        UI  167.   188.   233.   278.   278.   235.   207.   188.   172.   152.
```

```
516        UI   137.   122.   109.    95.    73.    54.    40.    38.    37.    31.
517        UI    22.    22.    22.     7.     7.     7.     7.     7.     7.     7.
518        UI     7.     7.     7.     7.     0.     0.     0.     0.     0.     0.
519        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

520        KK   CP217
521        KM        ADD HYDROGRAPHS AT CP217
522        HC       2    1.49

523        KK    D217
524        KM        DIVERT FROM CP217 TO CP218
525        DT   DI218
526        DI       0      90     884    6576   28127
527        DQ       0      51     163    1840   10674

528        KK    R217
529        KM        ROUTE REMAINDER FROM CP217 TO CP235
530        RS       7              -1
531        RC     .02     .03    .075    5280   .0036
532        RX    1000    1020    1035    1040    1050    1300    1640    1790
533        RY    1015    1014    1015    1014    1014    1016    1018    1019

534        KK     235
535        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 235
536        BA     .47
537        LG     .50     .00    4.27     .40     .00
538        UI     19.     19.     19.     28.     63.     74.     89.     98.    106.    115.
539        UI    126.    140.    152.    178.    216.    251.    228.    198.    177.    162.
540        UI    150.    135.    122.    112.     99.     91.     79.     62.     49.     34.
541        UI     33.     31.     31.     21.     19.     19.     19.      6.      6.      6.
542        UI      6.      6.      6.      6.      6.      6.      6.      6.      6.      0.
543        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
544        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

545        KK   1I235
546        KM        ADD HYDROGRAPHS AT CP235
547        HC       2    1.96
```



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


548        KK   CP235
549        KM        ADD HYDROGRAPHS AT CP235
550        HC       2    5.05

551        KK    D235
552        KM        DIVERT FROM CP235 TO CP248
553        DT   2D248
554        DI       0     158     313    4490    9737
555        DQ       0       0     155    2380    5077

556        KK    R235
557        KM        ROUTE REMAINDER FROM CP235 TO CP236
558        RS       5              -1
559        RC     .04     .02     .02    5280   .0051
560        RX    1000    1640    1660    1675    1685    1778    1779    1780
561        RY    1097    1094    1095    1094    1094    1095    1095    1095

562        KK    D191
563        KM        RETURN DIVERTED HYDROGRAPH AT CP191
564        DR   DI208
```

```
565        KK    R191
566        KM        ROUTE FLOW FROM CP191 TO CP208
567        RS      5              -1       0
568        RC    .022    .022    .050    5280   .0040
569        RX    1000    1001    1002    1045    1110    1130    1160    1890
570        RY    1143    1143    1143    1142    1142    1143  1141.5    1150

571        KK     208
572        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 208
573        BA    1.00
574        LG     .50     .00    4.18     .42     .00
575        UI     40.     40.     40.     57.    133.    156.    188.    206.    224.    243.
576        UI    265.    294.    320.    371.    453.    523.    489.    424.    379.    346.
577        UI    321.    290.    262.    239.    215.    195.    172.    137.    110.     72.
578        UI     72.     67.     67.     50.     40.     40.     40.     17.     12.     12.
579        UI     12.     12.     12.     12.     12.     12.     12.     12.     12.      0.
580        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
581        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

582        KK   1I208
583        KM        ADD HYDROGRAPHS AT CP208
584        HC      2    8.32

585        KK    D207
586        KM        RETURN DIVERT AT CP207
587        DR   2D208

588        KK    R207
589        KM        ROUTE FLOW FROM CP207 TO CP208
590        RS      8              -1
591        RC    .075    .035    .035    5280   .0059
592        RX    1000    1001    1350    2000    2020    2038    2039    2040
593        RY    1056    1056    1054    1052    1052    1053    1053    1053
```



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

594        KK   CP208
595        KM        ADD HYDROGRAPHS AT CP208
596        HC      2    9.32

597        KK    D208
598        KM        DIVERT FROM CP208 TO CP219
599        DT   1D219
600        DI      0     599    5129    9299
601        DQ      0     406    1039    1295

602        KK    D208
603        KM        DIVERT FROM CP208 TO CP209A
604        DT  DI209A
605        DI      0     193    4090    8004
606        DQ      0     193    4066    7610

607        KK    R208
608        KM        ROUTE REMAINDER FROM CP208 TO CP218
609        RS     13              -1
610        RC    .025    .025    .035    5280   .0047
611        RX    1000    1001    1002    1010    1040    1055    1100    2010
612        RY    1123    1123    1123    1122    1122    1125    1124    1130
```

```
613        KK    218
614        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 218
615        BA   1.00
616        LG    .50     .00    4.20     .39     .00
617        UI    39.     39.     39.     41.    128.    145.    172.    191.    212.    225.
618        UI   246.    269.    295.    325.    385.    463.    514.    447.    393.    356.
619        UI   327.    304.    275.    249.    229.    206.    188.    168.    136.    112.
620        UI    71.     69.     65.     64.     57.     39.     39.     39.     31.     12.
621        UI    12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
622        UI    12.      0.      0.      0.      0.      0.      0.      0.      0.      0.
623        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

624        KK   1I218
625        KM        ADD HYDROGRAPHS AT CP218
626        HC       2   10.32

627        KK    D217
628        KM        RETURN DIVERT AT CP217
629        DR   DI218

630        KK    R217
631        KM        ROUTE FLOW FROM CP217 TO CP218
632        RS      10              -1
633        RC    .075    .035    .035    5280   .0047
634        RX    1000    1190    1650    1980    2030    2048    2049    2050
635        RY    1123    1122    1120    1118    1118    1119    1119    1119
```



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

636        KK   CP218
637        KM        ADD HYDROGRAPHS AT CP218
638        HC       2   10.81

639        KK    D218
640        KM        DIVERT FROM CP218 TO CP237
641        DT   DI237
642        DI       0      68    1086   10670
643        DQ       0      68     664    2533

644        KK    D218
645        KM        DIVERT FROM CP218 TO CP219
646        DT   2D219
647        DI       0       0     422    8137
648        DQ       0       0      99    2461

649        KK    R218
650        KM        ROUTE REMAINDER FROM CP218 TO CP236
651        RS       5              -1
652        RC     .02     .02    .075    5280   .0040
653        RX    1000    1001    1002    1020    1090    1100    1210    1720
654        RY    1097    1097    1097    1096    1096    1099    1098    1102

655        KK    236
656        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 236
657        BA   1.00
658        LG    .50     .00    3.88     .45     .00
659        UI    38.     38.     38.     38.    113.    137.    160.    180.    199.    214.
660        UI   229.    251.    276.    297.    343.    419.    470.    474.    411.    366.
661        UI   334.    310.    288.    261.    236.    220.    196.    181.    161.    132.
662        UI   108.     70.     67.     64.     62.     60.     38.     38.     38.     38.
```

```
663          UI     12.     12.     12.     12.     12.     12.     12.     12.     12.     12.
664          UI     12.     12.     12.      0.      0.      0.      0.      0.      0.      0.
665          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

666          KK   1I236
667          KM        ADD HYDROGRAPHS AT CP236
668          HC       2   11.81

669          KK   CP236
670          KM        ADD HYDROGRAPHS AT CP236
671          HC       2   15.37

672          KK    D236
673          KM        DIVERT FROM CP236 TO CP249
674          DT   DI249
675          DI       0     236     411    6597   30351
676          DQ       0       0      38    2223    8777
1                                          HEC-1 INPUT                                                    PAGE 16

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


677          KK    D236
678          KM        DIVERT FROM CP236 TO CP250
679          DT   1D250
680          DI       0     236     373    4374   21574
681          DQ       0       0     124    2251    8636

682          KK    R236
683          KM        ROUTE REMAINDER FROM CP236 TO CP237
684          RS       2              -1
685          RC     .02     .02     .02    2640   .0038
686          RX    1000    1070    1100    1120    1150    1178    1179    1180
687          RY    1079    1075    1082    1076    1076    1077    1077    1077

688          KK    209A
689          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 209A
690          BA     .50
691          LG     .50     .00    4.27     .41     .00
692          UI     22.     22.     22.     42.     75.     89.    103.    115.    124.    137.
693          UI    152.    166.    191.    238.    275.    260.    224.    199.    181.    167.
694          UI    149.    134.    121.    108.     99.     80.     62.     40.     38.     36.
695          UI     35.     26.     22.     22.     20.      7.      7.      7.      7.      7.
696          UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
697          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

698          KK    D208
699          KM        RETURN DIVERT AT CP208
700          DR   DI209A

701          KK    R208
702          KM        ROUTE FLOW FROM CP208 TO CP209A
703          RS       2              -1
704          RC     .75     .03     .03    2640   .0045
705          RX    1000    1490    1890    1950    1970    1998    1999    2000
706          RY    1130    1128    1126    1124    1124    1125    1125    1125

707          KK   CP209A
708          KM        ADD HYDROGRAPHS AT CP209A
709          HC       2    9.82

710          KK   D209A
```

```
711          KM        DIVERT FROM CP209A TO CP220
712          DT    1D220
713          DI        0       57     5215    28650
714          DQ        0       39     1907     3775

715          KK    D209A
716          KM        DIVERT FROM CP209A TO CP209
717          DT    2D209
718          DI        0       18     3308    24875
719          DQ        0        0      900    10854
```



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

720          KK    R209A
721          KM        ROUTE REMAINDER FROM CP209A TO CP219
722          RS        7              -1
723          RC     .035    .035    .075    5280   .0045
724          RX     1000    1001    1002    1010    1200    1500    1880    2100
725          RY     1113    1113    1113    1112    1112    1114    1116    1117

726          KK     D208
727          KM        RETURN DIVERT AT CP208
728          DR    1D219

729          KK     R208
730          KM        ROUTE FLOW FROM CP208 TO CP219
731          RS       22              -1
732          RC     .075    .075    .075    6070   .0059
733          RX     1000    1001    1002    1270    2570    2698    2699    2700
734          RY     1115    1115    1115    1114    1114    1115    1115    1115

735          KK      219
736          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 219
737          BA      .50
738          LG      .50     .00    4.21     .40     .00
739          UI      22.     22.     22.     45.     77.     92.    105.    119.    128.    140.
740          UI     158.    173.    202.    247.    289.    253.    220.    196.    180.    164.
741          UI     146.    132.    119.    106.     93.     72.     55.     39.     38.     36.
742          UI      33.     22.     22.     22.     12.      7.      7.      7.      7.      7.
743          UI       7.      7.      7.      7.      7.      0.      0.      0.      0.      0.
744          UI       0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

745          KK    1I219
746          KM        ADD HYDROGRAPHS AT CP219
747          HC        2    9.82

748          KK    2I219
749          KM        ADD HYDROGRAPHS AT CP219
750          HC        2   10.32

751          KK     D218
752          KM        RETURN DIVERT AT CP218
753          DR    2D219

754          KK     R218
755          KM        ROUTE FLOW FROM CP218 TO CP219
756          RS       12              -1
757          RC     .075     .04     .04    2640   .0045
758          RX     1000    1110    1290    1600    2050    2108    2109    2110
759          RY     1101    1100    1098    1096    1096    1097    1097    1097
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```
760        KK   CP219
761        KM        ADD HYDROGRAPHS AT CP219
762        HC       2   11.81
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LINE       ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

763        KK    D219
764        KM        DIVERT FROM CP219 TO CP238
765        DT   DI238
766        DI       0       70     1410    16774
767        DQ       0       68      990    10452

768        KK    D219
769        KM        DIVERT FROM CP219 TO CP220
770        DT   2D220
771        DI       0        2      420     6322
772        DQ       0        0      174     3073

773        KK    R219
774        KM        ROUTE REMAINDER FROM CP219 TO CP237
775        RS      14               -1
776        RC    .035     .035     .075     5280    .0036
777        RX    1000     1001     1002     1020     1300     1820     2099     2100
778        RY    1087     1087     1087     1086     1086     1088     1089     1089

779        KK    D218
780        KM        RETURN DIVERT AT CP218
781        DR   DI237

782        KK    R218
783        KM        ROUTE FLOW FROM CP218 TO CP237
784        RS      14               -1
785        RC    .035     .035     .075     6700    .0046
786        RX    1000     1001     1002     1020     1300     1820     2099     2100
787        RY    1087     1087     1087     1086     1086     1088     1089     1089

788        KK     237
789        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 237
790        BA     .50
791        LG     .50      .00     3.61      .46      .00
792        UI     20.      20.      20.      23.      65.      74.      88.      98.     108.     115.
793        UI    126.     139.     151.     169.     204.     241.     255.     219.     195.     176.
794        UI    162.     150.     135.     123.     113.     100.      93.      80.      62.      49.
795        UI     35.      35.      32.      32.      23.      20.      20.      20.       9.       6.
796        UI      6.       6.       6.       6.       6.       6.       6.       6.       6.       6.
797        UI      6.       0.       0.       0.       0.       0.       0.       0.       0.       0.
798        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

799        KK   1I237
800        KM        ADD HYDROGRAPHS AT CP237
801        HC       2   11.31

802        KK   2I237
803        KM        ADD HYDROGRAPHS AT CP237
804        HC       2   12.31
```



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

```
KK   CP237
KM        ADD HYDROGRAPHS AT CP237
HC       2   16.87

KK    D237
KM        DIVERT FROM CP237 TO CP250
DT   2D250
DI       0     292     346     629    3340   24038
DQ       0       0       0     103    1577   11878

KK    D237
KM        DIVERT FROM CP237 TO CP250A
DT  1D250A
DI       0     292     346     526    1763   12160
DQ       0       0      54     203     974    3738

KK    R237
KM        ROUTE REMAINDER FROM CP237 TO CP238
RS       1              -1
RC     .04     .02     .02    2640   .0049
RX    1000    1545    1560    1570    1585    1618    1619    1620
RY    1069    1066    1067  1062.5  1062.5    1067    1067    1067

KK   1D192
KM        RETURN DIVERTED HYDROGRAPH AT CP192
DR   DI209

KK    R192
KM        ROUTE FLOW FROM CP192 TO CP209
RS       5              -1       0
RC    .035    .035     .15    5280   .0045
RX    1000    1001    1002    1015    1200    1470    1840    2300
RY    1111    1111    1111    1110    1110    1112    1114    1116

KK     209
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 209
BA     .50
LG     .50     .00    3.85     .46     .00
UI     22.     22.     22.     51.     80.     97.    111.    123.    134.    148.
UI    166.    183.    221.    273.    289.    244.    215.    193.    178.    158.
UI    141.    128.    113.    103.     82.     64.     40.     40.     37.     37.
UI     23.     22.     22.     14.      7.      7.      7.      7.      7.      7.
UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK   1I209
KM        ADD HYDROGRAPHS AT CP209
HC       2    8.82
```



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

KK   D209A
KM        RETURN DIVERT AT CP209A
DR   2D209

KK   R209A
KM        ROUTE FLOW FROM CP209A TO CP209
RS       7              -1
RC    .075    .035    .035    2640   .0057
```

```
853          RX    1000    1240    1700    1980    1990    3028    3029    3030
854          RY    1117    1116    1114    1112    1112    1113    1113    1113

855          KK   CP209
856          KM        ADD HYDROGRAPHS AT CP209
857          HC       2   11.32

858          KK    D209
859          KM        DIVERT FROM CP209 TO CP221
860          DT   1D221
861          DI       0      39    3983   16787
862          DQ       0      34    1666    5085

863          KK    D209
864          KM        DIVERT FROM CP209 TO CP210
865          DT   2D210
866          DI       0       5    2317   11702
867          DQ       0       0     703    5354

868          KK    R209
869          KM        ROUTE REMAINDER FROM CP209 TO CP220
870          RS       7              -1
871          RC    .035    .035    .075    5280   .0040
872          RX    1000    1001    1002    1015    1180    1560    1820    2050
873          RY    1091    1091    1091    1090    1090    1092    1094    1095

874          KK   D209A
875          KM        RETURN DIVERT AT CP209A
876          DR   1D220

877          KK   R209A
878          KM        ROUTE FLOW FROM CP209A TO CP220
879          RS      12              -1
880          RC    .075    .075    .075    6230   .0058
881          RX    1000    1001    1002    1090    1280    1298    1299    1300
882          RY    1140    1107    1107    1106    1106    1107    1107    1140

883          KK     220
884          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 220
885          BA     .50
886          LG     .50     .00    4.13     .41     .00
887          UI     22.     22.     22.     41.     74.     89.    103.    115.    124.    136.
888          UI    151.    166.    189.    237.    272.    262.    224.    199.    182.    167.
889          UI    150.    134.    122.    109.    100.     81.     62.     42.     38.     36.
890          UI     35.     27.     22.     22.     21.      7.      7.      7.      7.      7.
891          UI      7.      7.      7.      7.      7.      7.      0.      0.      0.      0.
```



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

892          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

893          KK   1I220
894          KM        ADD HYDROGRAPHS AT CP220
895          HC       2   10.32

896          KK   2I220
897          KM        ADD HYDROGRAPHS AT CP220
898          HC       2   11.82

899          KK    D219
900          KM        RETURN DIVERT AT CP219
```

```
901          DR   2D220

902          KK    R219
903          KM        ROUTE FLOW FROM CP219 TO CP220
904          RS      3              -1
905          RC   .075    .020    .020    2640   .0045
906          RX   1000    1460    1670    1700    1730    1768    1769    1770
907          RY   1088    1085    1087    1080    1080    1087    1087    1087

908          KK   CP220
909          KM        ADD HYDROGRAPHS AT CP220
910          HC      2   13.81

911          KK    D220
912          KM        DIVERT FROM CP220 TO CP239
913          DT   DI239
914          DI      0     735    9080   34764
915          DQ      0     537    3765    9314

916          KK    D220
917          KM        DIVERT FROM CP220 TO CP221
918          DT   2D221
919          DI      0     198    5315   25450
920          DQ      0     174    4011   17035

921          KK    R220
922          KM        ROUTE REMAINDER FROM CP220 TO CP238
923          RS     15              -1
924          RC   .035    .035    .075    5280   .0038
925          RX   1000    1001    1002    1020    1150    1670    1869    1870
926          RY   1033    1033    1033    1032    1032    1034    1036    1036

927          KK    D219
928          KM        RETURN DIVERT AT CP219
929          DR   DI238

930          KK    R219
931          KM        ROUTE FLOW FROM CP219 TO CP238
932          RS      8              -1
933          RC   .035    .035    .075    6230   .0051
934          RX   1000    1001    1002    1020    1150    1670    1869    1870
935          RY   1033    1033    1033    1032    1032    1034    1036    1036
```



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

936          KK     238
937          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 238
938          BA     .50
939          LG     .50     .00    3.52     .47     .00
940          UI     21.     21.     21.     34.     70.     83.     98.    108.    118.    127.
941          UI    140.    156.    170.    204.    247.    273.    234.    206.    185.    170.
942          UI    157.    140.    127.    115.    104.     93.     76.     60.     39.     37.
943          UI     35.     34.     27.     21.     21.     21.      9.      6.      6.      6.
944          UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
945          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

946          KK   1I238
947          KM        ADD HYDROGRAPHS AT CP238
948          HC      2   12.31
```

```
949        KK   2I238
950        KM        ADD HYDROGRAPHS AT CP238
951        HC       2   14.31

952        KK   CP238
953        KM        ADD HYDROGRAPHS AT CP238
954        HC       2   19.37

955        KK    D238
956        KM        DIVERT FROM CP238 TO CP250A
957        DT  2D250A
958        DI       0     180     568    2711    8584   18252
959        DQ       0       0       0     184     837    2617

960        KK    D238
961        KM        DIVERT FROM CP238 TO CP251
962        DT   1D251
963        DI       0     568    2527    7747   15635
964        DQ       0       0     522    2262    4829

965        KK    R238
966        KM        ROUTE REMAINDER FROM CP238 TO CP239
967        RS       4              -1
968        RC    .075     .02     .02    2640   .0023
969        RX    1000    1230    1780    1790    1800    1810    1829    1830
970        RY    1062    1060    1058    1056    1056    1058    1059    1059

971        KK   2D192
972        KM        RETURN DIVERTED HYDROGRAPH AT CP192
973        DR   DI210

974        KK    R192
975        KM        ROUTE FLOW FROM CP192 TO CP210
976        RS       7              -1       0
977        RC     .15     .15     .15    5900   .0054
978        RX    1000    1001    1002    1050    2400    2548    2549    2550
979        RY  1113.5    1113    1113    1112    1112    1113    1113  1113.5
```



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

980        KK     210
981        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 210
982        BA     .46
983        LG     .50     .00    3.84     .52     .00
984        UI     20.     20.     20.     42.     71.     85.     97.    110.    118.    130.
985        UI    146.    160.    188.    230.    266.    232.    202.    180.    165.    151.
986        UI    133.    121.    108.     97.     84.     65.     49.     36.     35.     33.
987        UI     29.     20.     20.     20.      9.      6.      6.      6.      6.      6.
988        UI      6.      6.      6.      6.      6.      0.      0.      0.      0.      0.
989        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

990        KK   1I210
991        KM        ADD HYDROGRAPHS AT CP210
992        HC       2    8.78

993        KK    D209
994        KM        RETURN DIVERT AT CP209
995        DR   2D210

996        KK    R209
```

```
 997        KM        ROUTE FLOW FROM CP209 TO CP210
 998        RS      6              -1
 999        RC   .075    .035    .035    2560    .0030
1000        RX   1000    1001    1630    2120    2250    2268    2269    2270
1001        RY   1102    1102    1100    1098    1098    1099    1099    1099

1002        KK   CP210
1003        KM        ADD HYDROGRAPHS AT CP210
1004        HC      2   11.78

1005        KK   R210
1006        KM        ROUTE FLOW FROM CP210 TO CP221
1007        RS     14              -1
1008        RC   .035    .035    .075    5450    .0033
1009        RX   1000    1001    1002    1020    1280    1880    2469    2470
1010        RY   1083    1083    1083    1082    1082    1084    1086    1088

1011        KK   D209
1012        KM        RETURN DIVERT AT CP209
1013        DR   1D221

1014        KK   R209
1015        KM        ROUTE FLOW FROM CP209 TO CP221
1016        RS     22              -1
1017        RC   .075    .075    .075    5910    .0044
1018        RX   1000    1001    1002    1120    2150    2278    2279    2280
1019        RY   1091    1091    1091    1090    1090    1091    1091    1091

1020        KK    221
1021        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 221
1022        BA    .48
1023        LG    .50     .00    3.53     .48     .00
1024        UI    20.     20.     20.     36.     69.     82.     96.    106.    116.    126.
1025        UI   139.    154.    172.    210.    250.    258.    220.    194.    176.    162.
```



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

1026        UI   147.    132.    120.    107.     97.     84.     66.     50.     36.     35.
1027        UI    33.     33.     20.     20.     20.     15.      6.      6.      6.      6.
1028        UI     6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
1029        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1030        KK   1I221
1031        KM        ADD HYDROGRAPHS AT CP221
1032        HC      2   11.80

1033        KK   2I221
1034        KM        ADD HYDROGRAPHS AT CP221
1035        HC      2   12.26

1036        KK   D220
1037        KM        RETURN DIVERT AT CP220
1038        DR   2D221

1039        KK   R220
1040        KM        ROUTE FLOW FROM CP220 TO CP221
1041        RS      4              -1
1042        RC   .075    .035    .035    2200    .0023
1043        RX   1000    1001    1470    1870    2160    2178    2179    2180
1044        RY   1082    1082    1080    1078    1078    1081    1081    1081
```

```
1045        KK   CP221
1046        KM        ADD HYDROGRAPHS AT CP221
1047        HC       2   14.75

1048        KK    R221
1049        KM        ROUTE FLOW FROM CP221 TO CP239
1050        RS      20              -1
1051        RC    .075    .075    .075    5750   .0032
1052        RX    1000    1001    1002    1320    2850    2998    2999    2999
1053        RY    1100    1071    1071    1070    1070    1071    1071    1100

1054        KK    D220
1055        KM        RETURN DIVERT AT CP220
1056        DR   DI239

1057        KK    R220
1058        KM        ROUTE FLOW FROM CP220 TO CP239
1059        RS      21              -1
1060        RC    .075    .075    .075    5750   .0045
1061        RX    1000    1001    1002    1320    2850    2998    2999    3000
1062        RY    1071    1071    1071    1070    1070    1071    1071    1071

1063        KK     239
1064        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 239
1065        BA     .48
1066        LG     .50     .00    3.56     .47     .00
1067        UI     21.     21.     21.     41.     72.     86.    100.    112.    120.    133.
1068        UI    148.    161.    188.    231.    269.    247.    213.    191.    173.    159.
1069        UI    142.    128.    115.    104.     92.     74.     59.     37.     37.     34.
1070        UI     34.     23.     21.     21.     17.      6.      6.      6.      6.      6.
1071        UI      6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
```



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

1072        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1073        KK   1I239
1074        KM        ADD HYDROGRAPHS AT CP239
1075        HC       2   14.29

1076        KK   2I239
1077        KM        ADD HYDROGRAPHS AT CP239
1078        HC       2   15.23

1079        KK   CP239
1080        KM        ADD HYDROGRAPHS AT CP239
1081        HC       2   20.79

1082        KK    D239
1083        KM        DIVERT FROM CP239 TO CP251
1084        DT   2D251
1085        DI       0     283     389     786    3215
1086        DQ       0       0      69     333    2481

1087        KK    R239
1088        KM        ROUTE REMAINDER FROM CP239 TO CP240
1089        RS       5              -1
1090        RC     .05     .02     .02    2640   .0007
1091        RX    1000    1510    1755    1765    1775    1785    1809    1810
1092        RY    1058    1056    1054    1052    1052    1054    1055    1055
```

```
1093        KK     240
1094        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 240
1095        BA     .40
1096        LG     .50      .00     3.59     .48     .00
1097        UI     19.      19.     19.      53.     71.     89.     99.     110.    121.    136.
1098        UI    151.     180.    225.     249.    209.    182.    163.     149.    131.    117.
1099        UI    104.      92.     79.      59.     41.     34.     32.      32.     21.     19.
1100        UI     19.      11.      6.       6.      6.      6.      6.       6.      6.      6.
1101        UI      6.       0.      0.       0.      0.      0.      0.       0.      0.      0.
1102        UI      0.       0.      0.       0.      0.      0.      0.       0.      0.      0.

1103        KK   CP240
1104        KM        ADD HYDROGRAPHS AT CP240
1105        HC       2   21.19

1106        KK    R240
1107        KM        ROUTE FLOW FROM CP240 TO CP241
1108        RS       5              -1
1109        RC    .025      .02     .02    3600   .0011
1110        RX    1000     1280    1620    1745    1770    1798    1799    1800
1111        RY    1056     1054    1052    1050    1050    1051    1051    1051

1112        KK     213
1113        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 213
1114        BA     .35
1115        LG     .35      .35    3.50     .28     .00
1116        UI     31.      51.    124.     164.    197.    244.    345.    374.    285.    235.
1117        UI    189.     151.    103.      56.     52.     32.     26.     10.     10.     10.
```



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

1118        UI     10.      10.      0.       0.      0.      0.      0.       0.      0.      0.
1119        UI      0.       0.      0.       0.      0.      0.      0.       0.      0.      0.

1120        KK    R213
1121        KM        ROUTE FLOW FROM CP213 TO CP212
1122        RS       8              -1
1123        RC    .025     .022    .025    4060   .0002
1124        RX    1000     1001    1140    1220    1290    1478    1479    1480
1125        RY  1077.7   1077.7    1076    1074    1074    1076  1077.7  1077.7

1126        KK     212
1127        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 212
1128        BA     .54
1129        LG     .50      .00    3.59     .49     .00
1130        UI     18.      18.     18.      18.     34.     59.     69.     80.     87.     95.
1131        UI    102.     109.    116.     127.    137.    148.    171.    205.    226.    232.
1132        UI    203.     183.    167.     155.    146.    135.    124.    114.    106.     97.
1133        UI     89.      84.     70.      57.     49.     32.     32.     31.     30.     30.
1134        UI     22.      18.     18.      18.     17.      6.      6.      6.      6.      6.
1135        UI      6.       6.      6.       6.      6.      6.      6.      6.      6.      0.
1136        UI      0.       0.      0.       0.      0.      0.      0.      0.      0.      0.
1137        UI      0.       0.      0.       0.      0.      0.      0.      0.      0.      0.

1138        KK   SR212
1139        KM        STORAGE ROUTE THROUGH CP212
1140        RS       1    STOR       0       0
1141        SV       0    2.48   13.74   26.18   63.33
1142        SQ       0       0       0     483    6314
1143        SE  1077.1    1078  1079.4    1080    1081
```

```
1144        KK   CP212
1145        KM        ADD HYDROGRAPHS AT CP212
1146        HC       2      .89

1147        KK    R212
1148        KM        ROUTE FLOW FROM CP212 TO CP221A
1149        RS      11              -1
1150        RC    .025    .022    .025    5000   .0002
1151        RX    1000    1001    1070    1090    1220    1287    1289    1290
1152        RY    1077    1077    1076    1074    1074    1079    1079    1079

1153        KK     211
1154        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 211
1155        BA     .49
1156        LG     .50     .00    3.69     .52     .00
1157        UI     21.     21.     21.     40.     72.     86.    100.    112.    121.    132.
1158        UI    147.    162.    183.    231.    264.    258.    220.    196.    178.    165.
1159        UI    147.    132.    120.    107.     98.     81.     60.     43.     37.     35.
1160        UI     35.     28.     21.     21.     21.      8.      6.      6.      6.      6.
1161        UI      6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
1162        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


1163        KK    R211
1164        KM        ROUTE FLOW FROM CP211 TO CP221A
1165        RS       9              -1
1166        RC    .035    .035    .075    5400   .0009
1167        RX    1000    1001    1002    1020    1100    1620    2119    2120
1168        RY    1081    1081    1081    1080    1080    1082    1084    1084

1169        KK    221A
1170        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 221A
1171        BA     .31
1172        LG     .50     .00    3.66     .53     .00
1173        UI     12.     12.     12.     12.     36.     43.     50.     57.     63.     67.
1174        UI     72.     79.     87.     94.    109.    132.    151.    145.    126.    113.
1175        UI    103.     96.     88.     80.     73.     67.     60.     56.     48.     38.
1176        UI     32.     21.     21.     20.     19.     17.     12.     12.     12.      9.
1177        UI      4.      4.      4.      4.      4.      4.      4.      4.      4.      4.
1178        UI      4.      4.      4.      0.      0.      0.      0.      0.      0.      0.
1179        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1180        KK  1I221A
1181        KM        ADD HYDROGRAPHS AT CP221A
1182        HC       2      .80

1183        KK  SR221A
1184        KM        STORAGE ROUTE THROUGH CP221A
1185        RS       1    STOR       0       0
1186        SV       0    1.31    8.04   28.16      40
1187        SQ       0       0       0    2250    5262
1188        SE    1077    1078  1078.9    1080  1080.5

1189        KK  CP221A
1190        KM        ADD HYDROGRAPHS AT CP221A
1191        HC       2    1.69

1192        KK   R221A
1193        KM        ROUTE FLOW FROM CP221A TO CP222
```

```
1194        RS      6              -1
1195        RC   .025    .022    .022    7800   .0024
1196        RX   1000    1001    1070    1090    1220    1287    1289    1290
1197        RY   1077    1077    1076    1074    1074    1079    1079    1079

1198        KK    222
1199        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 222
1200        BA   1.10
1201        LG    .31     .35    3.59     .29   15.00
1202        UI    34.     34.     34.     34.     34.    112.    121.    135.    158.    168.
1203        UI   184.    194.    205.    219.    237.    257.    272.    305.    354.    407.
1204        UI   455.    414.    370.    337.    311.    291.    274.    257.    236.    218.
1205        UI   204.    189.    173.    163.    148.    130.     98.     87.     60.     60.
1206        UI    58.     56.     56.     47.     34.     34.     34.     34.     24.     10.
1207        UI    10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
1208        UI    10.     10.     10.     10.      0.      0.      0.      0.      0.      0.
1209        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


1210        KK   CP222
1211        KM        ADD HYDROGRAPHS AT CP222
1212        HC       2    2.79

1213        KK    R222
1214        KM        ROUTE FLOW FROM CP222 TO CP241
1215        RS       8              -1
1216        RC     .03    .025     .03    5770   .0022
1217        RX    1000    1100    1320    1540    2350    2470    2630    2710
1218        RY    1057    1056    1054    1052    1052    1054    1056    1057

1219        KK     226
1220        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 226
1221        BA    1.18
1222        LG     .15     .26    3.53     .34   17.00
1223        UI    134.    343.    641.    827.   1094.   1619.   1306.   1008.    765.    549.
1224        UI    283.    214.    134.     68.     41.     41.     41.      0.      0.      0.
1225        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1226        KK   SR226
1227        KM        STORAGE ROUTE THROUGH CP226
1228        RS       1    STOR       0       0
1229        SV       0    0.24    3.34   18.04   51.44  102.84  171.74
1230        SQ       0       0      21     136     428     875    1487
1231        SE  1075.2  1075.5    1076  1076.5    1077  1077.5    1078

1232        KK    R226
1233        KM        ROUTE FLOW FROM CP226 TO CP223
1234        RS      26              -1       0
1235        RC     .05     .05     .05    7840   .0011
1236        RX    1000    1200    1300    1500    1600    1800    1900    2000
1237        RY    1100  1074.5    1074    1073    1073    1074  1074.5    1100

1238        KK     201
1239        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 201
1240        BA     .34
1241        LG     .35     .35    3.56     .29     .00
1242        UI     38.     96.    180.    233.    304.    457.    381.    294.    225.    166.
1243        UI     86.     64.     40.     24.     12.     12.     12.      0.      0.      0.
1244        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
1245        KK    R201
1246        KM        ROUTE FLOW FROM CP201 TO CP223
1247        RS     19              -1       0
1248        RC    .05    .035    .050    7000   .0017
1249        RX   1000    1200    1300    1500    1600    1800    1900    2000
1250        RY   1078  1074.5    1074    1073    1073    1074  1074.5    1078

1251        KK    223
1252        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 223
1253        BA   1.26
1254        LG    .12     .33    5.09     .20   72.00
1255        UI   119.    218.    491.    643.    786.   1003.   1453.   1254.    993.    797.
1256        UI   634.    465.    257.    200.    140.    112.     37.     37.     37.     37.
1                                        HEC-1 INPUT                                          PAGE 29

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

1257        UI    37.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1258        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1259        KK   1I223
1260        KM        ADD HYDROGRAPHS AT CP223
1261        HC      2    1.60

1262        KK   CP223
1263        KM        ADD HYDROGRAPHS AT CP223
1264        HC      2    2.78

1265        KK    D223
1266        KM        DIVERT FROM CP223 TO CP225
1267        DT   DI225
1268        DI      0      60     400    1000    4000    8000
1269        DQ      0      60      60      60      60      60

1270        KK    R223
1271        KM        ROUTE REMAINDER FROM CP223 TO CP224
1272        RS      4              -1
1273        RC    .03    .025     .03    2900   .0017
1274        RX   1000    1120    1350    1590    1780    1960    2129    2130
1275        RY   1067    1066    1064    1063    1063    1064  1065.5  1065.5

1276        KK    224
1277        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 224
1278        BA    .80
1279        LG    .35     .32    4.03     .25     .00
1280        UI    94.    258.    469.    606.    833.   1145.    854.    655.    492.    310.
1281        UI   163.    121.     79.     29.     29.     29.     29.      0.      0.      0.
1282        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1283        KK   CP224
1284        KM        ADD HYDROGRAPHS AT CP224
1285        HC      2    3.58

1286        KK    R224
1287        KM        ROUTE FLOW FROM CP224 TO CP241
1288        RS      7              -1
1289        RC    .03    .025     .03    5460   .0027
1290        RX   1000    1100    1320    1540    2350    2470    2630    2710
1291        RY   1057    1056    1054    1052    1052    1054    1056    1057

1292        KK    241
```

```
1293        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 241
1294        BA    1.51
1295        LG     .38     .28    4.04     .40     .00
1296        UI    133.    206.    513.    682.    817.   1005.   1376.   1635.   1253.   1036.
1297        UI    834.    673.    488.    276.    223.    162.    133.     50.     41.     41.
1298        UI     41.     41.      0.      0.      0.      0.      0.      0.      0.      0.
1299        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


1300        KK   1I241
1301        KM        ADD HYDROGRAPHS AT CP241
1302        HC       2    5.09

1303        KK   2I241
1304        KM        ADD HYDROGRAPHS AT CP241
1305        HC       2    7.88

1306        KK   CP241
1307        KM        ADD HYDROGRAPHS AT CP241
1308        HC       2   29.07

1309        KK   SR241
1310        KM        STORAGE ROUTE THROUGH CP241
1311        RS       1    STOR       0       0
1312        SV       0     .09     .65     .94    8.45   16.94
1313        SQ       0       4     280     324    1773    7505
1314        SE  1042.2    1044    1046  1046.3    1048    1049

1315        KK    R241
1316        KM        ROUTE FLOW FROM CP241 TO CP253
1317        RS       4              -1
1318        RC    .075     .03    .075    5700   .0039
1319        RX    1000    1001    1440    1565    1585    1700    2324    2325
1320        RY    1030    1030    1028    1026    1026    1028    1030    1030

1321        KK     253
1322        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 253
1323        BA    1.00
1324        LG     .50     .00    3.82     .43     .00
1325        UI     42.     42.     42.     67.    140.    164.    195.    214.    235.    253.
1326        UI    280.    310.    339.    406.    491.    545.    470.    413.    371.    341.
1327        UI    314.    280.    255.    230.    207.    188.    153.    119.     80.     73.
1328        UI     70.     68.     56.     42.     42.     42.     20.     13.     13.     13.
1329        UI     13.     13.     13.     13.     13.     13.     13.     13.      0.      0.
1330        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1331        KK   1I253
1332        KM        ADD HYDROGRAPHS AT CP253
1333        HC       2   30.07

1334        KK    253A
1335        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 253A
1336        BA     .25
1337        LG     .32     .33    4.04     .37     .00
1338        UI     29.     75.    139.    179.    239.    349.    274.    211.    160.    111.
1339        UI     57.     43.     29.     12.      9.      9.      9.      0.      0.      0.
1340        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

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

1341          KK   R253A
1342          KM        ROUTE FLOW FROM CP253A TO CP253
1343          RS     10              -1
1344          RC   .075    .075    .075    2800   .0030
1345          RX   1000    1001    1010    1110    1320    1480    1709    1710
1346          RY   1027    1027    1026    1025    1025    1026    1027    1027

1347          KK   2I253
1348          KM        ADD HYDROGRAPHS AT CP253
1349          HC      2   30.32

1350          KK    247
1351          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 247
1352          BA    .50
1353          LG    .50     .00    4.21     .40     .00
1354          UI    21.     21.     21.     38.     72.     85.    100.    111.    121.    131.
1355          UI   145.    161.    180.    219.    261.    269.    229.    203.    183.    169.
1356          UI   153.    137.    125.    111.    101.     88.     68.     52.     37.     37.
1357          UI    35.     34.     21.     21.     21.     15.      6.      6.      6.      6.
1358          UI     6.      6.      6.      6.      6.      6.      6.      0.      0.      0.
1359          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1360          KK   D247
1361          KM        DIVERT FROM CP247 TO CP261
1362          DT   DI261
1363          DI      0    3183    4006    8756   30610
1364          DQ      0       0       0     293    4086

1365          KK   R247
1366          KM        ROUTE REMAINDER FROM CP247 TO CP248
1367          RS      6              -1
1368          RC   .075     .03     .03    5280   .0049
1369          RX   1000    1370    1800    1950    2080    2108    2109    2110
1370          RY   1100    1098    1096    1094    1094    1095    1095    1095

1371          KK    248
1372          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 248
1373          BA   1.00
1374          LG    .50     .00    4.22     .40     .00
1375          UI    37.     37.     37.     37.    108.    134.    156.    177.    194.    210.
1376          UI   225.    245.    269.    290.    328.    399.    454.    482.    417.    371.
1377          UI   338.    312.    291.    264.    241.    221.    201.    184.    169.    142.
1378          UI   107.     84.     66.     65.     61.     61.     45.     37.     37.     37.
1379          UI    24.     11.     11.     11.     11.     11.     11.     11.     11.     11.
1380          UI    11.     11.     11.     11.      0.      0.      0.      0.      0.      0.
1381          UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1382          KK   D234
1383          KM        RETURN DIVERT AT CP234
1384          DR   1D248
```



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

1385          KK   R234
1386          KM        ROUTE FLOW FROM CP234 TO CP248
1387          RS      5              -1
1388          RC    .02     .02     .04    6550   .0050
```

```
1389        RX    1000    1001    1002    1040    1090    1100    1130    2000
1390        RY    1101    1101    1101    1100    1100    1101    1100    1102

1391        KK   1I248
1392        KM        ADD HYDROGRAPHS AT CP248
1393        HC       2    4.09

1394        KK   2I248
1395        KM        ADD HYDROGRAPHS AT CP248
1396        HC       2    4.59

1397        KK    D235
1398        KM        RETURN DIVERT AT CP235
1399        DR   2D248

1400        KK    R235
1401        KM        ROUTE FLOW FROM CP235 TO CP248
1402        RS       4              -1
1403        RC     .02     .02     .04    5280   .0051
1404        RX    1000    1001    1002    1040    1090    1100    1130    2000
1405        RY    1101    1101    1101    1100    1100    1101    1100    1102

1406        KK   CP248
1407        KM        ADD HYDROGRAPHS AT CP248
1408        HC       2    6.55

1409        KK    D248
1410        KM        DIVERT FROM CP248 TO CP262
1411        DT   DI262
1412        DI       0     691    6380   18685
1413        DQ       0     683    5565   15348

1414        KK    R248
1415        KM        ROUTE REMAINDER FROM CP248 TO CP249
1416        RS      10              -1
1417        RC    .075    .035    .035    5280   .0036
1418        RX    1000    1290    1690    1970    2000    2028    2029    2030
1419        RY    1085    1084    1082    1080    1080    1081    1081    1081

1420        KK     249
1421        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 249
1422        BA    1.00
1423        LG     .50     .00    3.98     .48     .00
1424        UI     37.     37.     37.     37.    112.    136.    159.    179.    197.    213.
1425        UI    228.    249.    274.    294.    338.    415.    461.    478.    412.    368.
1426        UI    335.    310.    290.    261.    238.    220.    198.    181.    163.    135.
1427        UI    108.     75.     66.     64.     62.     62.     39.     37.     37.     37.
1428        UI     17.     11.     11.     11.     11.     11.     11.     11.     11.     11.
1429        UI     11.     11.     11.      0.      0.      0.      0.      0.      0.      0.
1430        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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

1431        KK   1I249
1432        KM        ADD HYDROGRAPHS AT CP249
1433        HC       2    7.55

1434        KK    D236
1435        KM        RETURN DIVERT AT CP236
1436        DR   DI249
```

```
1437        KK    R236
1438        KM        ROUTE FLOW FROM CP236 TO CP249
1439        RS      6              -1
1440        RC    .02     .02    .075    5280   .0036
1441        RX   1000    1001    1002    1040    1100    1110    1280    1520
1442        RY   1073    1073    1073    1072    1072    1074    1076    1078

1443        KK   CP249
1444        KM        ADD HYDROGRAPHS AT CP249
1445        HC      2   17.87

1446        KK    D249
1447        KM        DIVERT FROM CP249 TO CP264
1448        DT   DI264
1449        DI      0      72     654    2109    5685
1450        DQ      0       0      66     481    1754

1451        KK    R249
1452        KM        ROUTE REMAINDER FROM CP249 TO CP250
1453        RS      6              -1
1454        RC    .05     .03     .03    5280   .0040
1455        RX   1000    1580    1660    1670    1705    1728    1729    1730
1456        RY   1100    1058    1059    1058    1058    1059    1059    1100

1457        KK    D236
1458        KM        RETURN DIVERT AT CP236
1459        DR   1D250

1460        KK    R236
1461        KM        ROUTE FLOW FROM CP236 TO CP250
1462        RS     39              -1
1463        RC   .075    .075    .075    7540   .0047
1464        RX   1000    1001    1002    1140    2330    2718    2719    2720
1465        RY   1071    1071    1071    1070    1070    1071    1071    1071

1466        KK     250
1467        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 250
1468        BA    .49
1469        LG    .50     .00    3.73     .47     .00
1470        UI    21.     21.     21.     40.     72.     86.    100.    112.    121.    132.
1471        UI   147.    161.    183.    230.    263.    258.    221.    196.    178.    165.
1472        UI   147.    132.    121.    107.     98.     82.     60.     43.     37.     35.
1473        UI    35.     28.     21.     21.     21.      8.      6.      6.      6.      6.
1474        UI     6.      6.      6.      6.      6.      6.      0.      0.      0.      0.
1475        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

1476        KK   1I250
1477        KM        ADD HYDROGRAPHS AT CP250
1478        HC      2   15.86

1479        KK    D237
1480        KM        RETURN DIVERT AT CP237
1481        DR   2D250

1482        KK    R237
1483        KM        ROUTE FLOW FROM CP237 TO CP250
1484        RS     10              -1
```

```
1485        RC    .035    .035    .075    5280   .0032
1486        RX    1000    1001    1002    1010   1120   1670   1929   1930
1487        RY  1058.5  1058.5  1058.5    1058   1058   1060   1061   1061

1488        KK   2I250
1489        KM        ADD HYDROGRAPHS AT CP250
1490        HC       2   17.36

1491        KK   CP250
1492        KM        ADD HYDROGRAPHS AT CP250
1493        HC       2   19.86

1494        KK    R250
1495        KM        ROUTE FLOW FROM CP250 TO CP250A
1496        RS       5              -1
1497        RC     .05     .03     .03    3050   .0036
1498        RX    1000    1580    1660    1670   1705   1728   1729   1730
1499        RY    1100    1050    1051    1050   1050   1051   1051   1100

1500        KK    D237
1501        KM        RETURN DIVERT AT CP237
1502        DR  1D250A

1503        KK    R237
1504        KM        ROUTE FLOW FROM CP237 TO CP250A
1505        RS      12              -1
1506        RC     .02    .035    .075    6550   .0040
1507        RX    1000    1030    1050    1070   1220   1580   1839   1840
1508        RY    1051    1050    1051    1050   1050   1052   1054   1054

1509        KK    250A
1510        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 250A
1511        BA     .51
1512        LG     .50     .00    3.59     .47    .00
1513        UI     20.     20.     20.     25.    67.    77.    92.   102.   111.   120.
1514        UI    130.    145.    157.    178.   220.   251.   257.   221.   196.   179.
1515        UI    165.    152.    136.    125.   113.   102.    94.    78.    59.    44.
1516        UI     36.     35.     33.     33.    20.    20.    20.    18.     6.     6.
1517        UI      6.      6.      6.      6.     6.     6.     6.     6.     6.     6.
1518        UI      0.      0.      0.      0.     0.     0.     0.     0.     0.     0.
1519        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


1520        KK  1I250A
1521        KM        ADD HYDROGRAPHS AT CP250A
1522        HC       2   17.38

1523        KK    D238
1524        KM        RETURN DIVERT AT CP238
1525        DR  2D250A

1526        KK    R238
1527        KM        ROUTE FLOW FROM CP238 TO CP250A
1528        RS      20              -1
1529        RC     .02    .035    .075    5280   .0030
1530        RX    1000    1030    1050    1070   1220   1580   1839   1040
1531        RY    1051    1050    1051    1050   1050   1052   1054   1054

1532        KK  2I250A
```

```
1533        KM        ADD HYDROGRAPHS AT CP250A
1534        HC       2   19.88

1535        KK  CP250A
1536        KM        ADD HYDROGRAPHS AT CP250A
1537        HC       2   22.87

1538        KK   D250A
1539        KM        DIVERT FROM CP250A TO CP265A
1540        DT  DI265A
1541        DI       0     825    2520    4782   10712
1542        DQ       0       0      13     174     958

1543        KK   D250A
1544        KM        DIVERT FROM CP250A TO CP266
1545        DT   1D266
1546        DI       0     825    2507    4608    9754
1547        DQ       0       0    1091    2426    4520

1548        KK   R250A
1549        KM        ROUTE REMAINDER FROM CP250A TO CP251
1550        RS       3              -1
1551        RC    .075     .03     .03    2550   .0031
1552        RX    1000    1001    1440    1650    1680    1708    1709    1710
1553        RY    1043    1043    1042    1040    1040    1041    1041    1041

1554        KK    D238
1555        KM        RETURN DIVERT AT CP238
1556        DR   1D251

1557        KK    R238
1558        KM        ROUTE FLOW FROM CP238 TO CP251
1559        RS      42              -1
1560        RC    .075    .075    .075    5910   .0041
1561        RX    1000    1001    1002    1120    2210    2488    2489    2490
1562        RY    1047    1047    1047    1046    1046    1047    1047    1047
```



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


1563        KK     251
1564        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 251
1565        BA     .50
1566        LG     .50     .00    3.53     .48     .00
1567        UI     21.     21.     21.     34.     70.     83.     98.    108.    118.    127.
1568        UI    141.    156.    171.    204.    248.    273.    234.    206.    185.    170.
1569        UI    157.    140.    127.    115.    104.     93.     75.     60.     38.     37.
1570        UI     35.     34.     27.     21.     21.     21.      9.      6.      6.      6.
1571        UI      6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
1572        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1573        KK   1I251
1574        KM        ADD HYDROGRAPHS AT CP251
1575        HC       2   19.87

1576        KK    D239
1577        KM        RETURN DIVERT AT CP239
1578        DR   2D251

1579        KK    R239
1580        KM        ROUTE FLOW FROM CP239 TO CP251
```

```
1581        RS      6              -1
1582        RC   .035    .035    .075    5280   .0034
1583        RX   1000    1001    1002    1055    1095    1770    1959    1960
1584        RY   1049    1049    1049    1048    1048    1050    1051    1051

1585        KK   2I251
1586        KM        ADD HYDROGRAPHS AT CP251
1587        HC       2   21.29

1588        KK   CP251
1589        KM        ADD HYDROGRAPHS AT CP251
1590        HC       2   24.79

1591        KK    D251
1592        KM        DIVERT FROM CP251 TO CP266
1593        DT   2D266
1594        DI       0      70     825    2936
1595        DQ       0      48     687    2384

1596        KK    R251
1597        KM        ROUTE REMAINDER FROM CP251 TO CP252
1598        RS       6              -1
1599        RC   .075    .035    .035    2640   .0019
1600        RX   1000    1001    1240    1880    1970    1998    1999    2000
1601        RY   1039    1039    1038    1036    1036    1037    1037    1037

1602        KK     252
1603        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 252
1604        BA    .50
1605        LG    .50     .00    4.45     .40     .00
1606        UI    21.     21.     21.     33.     69.     81.     97.    106.    116.    125.
1607        UI   138.    153.    167.    199.    241.    272.    237.    207.    187.    171.
1608        UI   158.    141.    128.    116.    104.     96.     79.     59.     43.     37.
```



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

1609        UI    35.     34.     30.     21.     21.     21.     13.      6.      6.      6.
1610        UI     6.      6.      6.      6.      6.      6.      6.      6.      0.      0.
1611        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1612        KK   CP252
1613        KM        ADD HYDROGRAPHS AT CP252
1614        HC       2   25.29

1615        KK    D252
1616        KM        DIVERT FROM CP252 TO CP267
1617        DT   DI267
1618        DI       0      67    2745    5417   10449
1619        DQ       0      66    2582    5037    8991

1620        KK    R252
1621        KM        ROUTE REMAINDER FROM CP252 TO CP253
1622        RS      11              -1
1623        RC   .075    0.35    .035    2900   .0028
1624        RX   1000    1001    1002    1910    1930    1958    1959    1960
1625        RY   1032    1032    1030    1028    1028    1029    1029    1029

1626        KK   CP253
1627        KM        ADD HYDROGRAPHS AT CP253
1628        HC       2   34.42
```

```
KK   SR253
KM        STORAGE ROUTE THROUGH CP253
RS       1    STOR       0       0
SV       0    .045    3.58   16.31   29.98   43.46   60.96
SQ       0       2     190     380    1145    3731    6823
SE  1021.1    1022    1024  1025.3    1026  1026.5    1027

KK    R253
KM        ROUTE FLOW FROM CP253 TO CP268
RS       7              -1
RC    .075     .03    .075    5280   .0023
RX    1000    1001    1002    1400    1520    2630    2629    2628
RY    1100    1022    1022    1020    1020    1022    1022    1100

KK     268
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 268
BA     .95
LG     .50     .00    5.00     .38     .00
UI     36.     36.     36.     36.    116.    134.    158.    176.    196.    209.
UI    226.    247.    273.    295.    346.    413.    479.    436.    381.    343.
UI    314.    291.    269.    240.    222.    201.    182.    169.    141.    109.
UI     86.     64.     64.     60.     60.     43.     36.     36.     36.     20.
UI     11.     11.     11.     11.     11.     11.     11.     11.     11.     11.
UI     11.     11.      0.      0.      0.      0.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```



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


KK   1I268
KM        ADD HYDROGRAPHS AT CP268
HC       2   35.37

KK   D250A
KM        RETURN DIVERT AT CP250A
DR   1D266

KK   R250A
KM        ROUTE FLOW FROM CP250A TO CP266
RS      15              -1
RC     .03     .03    .075    6230   .0034
RX    1000    1001    1002    1060    1110    1838    1839    1840
RY    1031    1031    1031    1030    1030    1032    1032    1032

KK     266
KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 266
BA     .33
LG     .50     .00    3.50     .47     .00
UI     12.     12.     12.     12.     28.     40.     46.     54.     59.     64.
UI     68.     73.     79.     87.     94.    108.    131.    145.    150.    130.
UI    116.    106.     98.     92.     85.     77.     71.     65.     59.     55.
UI     48.     39.     34.     21.     21.     20.     19.     19.     13.     12.
UI     12.     12.      8.      4.      4.      4.      4.      4.      4.      4.
UI      4.      4.      4.      4.      4.      4.      0.      0.      0.      0.
UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

KK   1I266
KM        ADD HYDROGRAPHS AT CP266
HC       2   23.20

KK    D251
```

```
1679        KM        RETURN DIVERT AT CP251
1680        DR    2D266

1681        KK    R251
1682        KM        ROUTE FLOW FROM CP251 TO CP266
1683        RS       6              -1
1684        RC     .03      .03     .075     5280    .0025
1685        RX    1000     1001     1002     1060     1110     1838     1839     1840
1686        RY    1100     1031     1031     1030     1030     1032     1032     1032

1687        KK    CP266
1688        KM        ADD HYDROGRAPHS AT CP266
1689        HC       2   25.12

1690        KK    D266
1691        KM        DIVERT FROM CP266 TO CP283
1692        DT    DI283
1693        DI       0      231      647     1811     5693
1694        DQ       0       38       73      203     1051
```



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


1695        KK    R266
1696        KM        ROUTE REMAINDER FROM CP266 TO CP267
1697        RS       4              -1
1698        RC    .075     .035     .035     2500    .0036
1699        RX    1000     1001     1002     1680     1890     1908     1909     1910
1700        RY    1100     1021     1021     1020     1020     1021     1021     1100

1701        KK    D252
1702        KM        RETURN DIVERT AT CP252
1703        DR    DI267

1704        KK    R252
1705        KM        ROUTE FLOW FROM CP252 TO CP267
1706        RS       8              -1
1707        RC     .02      .03     .075     5280    .0032
1708        RX    1000     1020     1050     1065     1085     1590     1919     1920
1709        RY    1027     1026     1027     1026     1026     1028     1029     1029

1710        KK     267
1711        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 267
1712        BA     .50
1713        LG     .50      .00     5.36      .36      .00
1714        UI     21.      21.      21.      33.      69.      81.      97.     106.     116.     125.
1715        UI    138.     153.     167.     199.     241.     272.     237.     207.     187.     171.
1716        UI    158.     141.     128.     116.     104.      96.      79.      59.      43.      37.
1717        UI     35.      34.      30.      21.      21.      21.      13.       6.       6.       6.
1718        UI      6.       6.       6.       6.       6.       6.       6.       6.       0.       0.
1719        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

1720        KK   1I267
1721        KM        ADD HYDROGRAPHS AT CP267
1722        HC       2   25.79

1723        KK    CP267
1724        KM        ADD HYDROGRAPHS AT CP267
1725        HC       2   26.12

1726        KK     D267
```

```
1727        KM        DIVERT FROM CP267 TO CP284
1728        DT   DI284
1729        DI       0      5.4      506     3382
1730        DQ       0      5.4      412     1981

1731        KK    R267
1732        KM        ROUTE REMAINDER FROM CP267 TO CP268
1733        RS       5               -1
1734        RC    .075     .035     .035     2350    .0013
1735        RX    1000     1001     1220     1600     1890     1928     1929     1930
1736        RY    1017     1017     1016     1014     1014     1015     1015     1015
1                                           HEC-1 INPUT                                                    PAGE 40

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


1737        KK   CP268
1738        KM        ADD HYDROGRAPHS AT CP268
1739        HC       2   36.20                                                                        KK

1740        KK   SR268
1741        KM        STORAGE ROUTE THROUGH CP268
1742        RS       1    STOR        0        0
1743        SV       0    7.04    46.85    92.08   124.01
1744        SQ       0       0      288     3172     8930
1745        SE  1008.3  1009.3     1011     1012   1012.5

1746        KK    R268
1747        KM        ROUTE FLOW FROM CP268 TO CP286
1748        RS      11               -1
1749        RC    .075      .05     .075     6700    .0031
1750        RX    1000     1001     1260     1650     2410     2870     2059     2060
1751        RY    1003     1003     1002     1000     1000     1002     1004     1004

1752        KK     286
1753        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 286
1754        BA     .70
1755        LG     .50      .00     5.06      .37      .00
1756        UI     30.      30.      30.      53.     101.     120.     141.     156.     170.     185.
1757        UI    205.     226.     253.     312.     367.     375.     320.     283.     256.     236.
1758        UI    214.     191.     175.     155.     141.     121.      93.      71.      53.      51.
1759        UI     49.      46.      30.      30.      30.      19.       9.       9.       9.       9.
1760        UI      9.       9.       9.       9.       9.       9.       9.       0.       0.       0.
1761        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

1762        KK   1I286
1763        KM        ADD HYDROGRAPHS AT CP286
1764        HC       2   36.90

1765        KK     288
1766        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 288
1767        BA     .22
1768        LG     .50      .00     7.50      .19      .00
1769        UI      8.       8.       8.       8.      27.      31.      37.      41.      46.      49.
1770        UI     53.      58.      64.      69.      82.      98.     112.     100.      88.      79.
1771        UI     72.      67.      62.      56.      51.      46.      42.      39.      32.      24.
1772        UI     18.      15.      15.      14.      14.       9.       8.       8.       8.       3.
1773        UI      3.       3.       3.       3.       3.       3.       3.       3.       3.       3.
1774        UI      3.       3.       0.       0.       0.       0.       0.       0.       0.       0.
1775        UI      0.       0.       0.       0.       0.       0.       0.       0.       0.       0.

1776        KK    R288
```

```
1777        KM        ROUTE FLOW FROM CP288 TO CP286
1778        RS      3              -1
1779        RC    .035    .035    .075    1500    .0033
1780        RX    1000    1001    1002    1040    1055    1280    1849    1850
1781        RY     997     997     997     996     996     998    1000    1000
```



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


1782        KK   CP286
1783        KM        ADD HYDROGRAPHS AT CP286
1784        HC      2   37.12

1785        KK    R286
1786        KM        ROUTE FLOW FROM CP286 TO CP287
1787        RS      2              -1
1788        RC    .075    .075    .075    1100    .0027
1789        RX    1000    1001    1210    1510    1950    2360    2529    2530
1790        RY    1000     993     992     990     990     992     993    1000

1791        KK     287
1792        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 287
1793        BA     .23
1794        LG     .50     .00    3.77     .38     .00
1795        UI     15.     15.     39.     63.     77.     89.    103.    121.    158.    194.
1796        UI    165.    138.    120.    102.     87.     74.     56.     36.     27.     25.
1797        UI     18.     15.     11.      5.      5.      5.      5.      5.      5.      5.
1798        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
1799        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1800        KK   1I287
1801        KM        ADD HYDROGRAPHS AT CP287
1802        HC      2   37.35

1803        KK    D266
1804        KM        RETURN DIVERT AT CP266
1805        DR   DI283

1806        KK    R266
1807        KM        ROUTE FLOW FROM CP266 TO CP283
1808        RS     12              -1
1809        RC    .03     .03    .075    5900    .0017
1810        RX    1000    1001    1002    1030    1050    1240    1479    1480
1811        RY    1021    1021    1021    1020    1020    1022    1023    1023

1812        KK     283
1813        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 283
1814        BA     .16
1815        LG     .50     .00    3.52     .47     .00
1816        UI      7.      7.      7.     12.     23.     28.     32.     36.     39.     42.
1817        UI     47.     52.     58.     72.     84.     85.     73.     65.     58.     54.
1818        UI     49.     44.     40.     35.     32.     28.     21.     16.     12.     12.
1819        UI     11.     10.      7.      7.      7.      4.      2.      2.      2.      2.
1820        UI      2.      2.      2.      2.      2.      2.      2.      0.      0.      0.
1821        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1822        KK   CP283
1823        KM        ADD HYDROGRAPHS AT CP283
1824        HC      2   25.28
```

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

1825        KK    R283
1826        KM        ROUTE FLOW FROM CP283 TO CP285B
1827        RS      5              -1
1828        RC    .075    .075    .075    1100   .0045
1829        RX    1000    1001    1002    1070    1700    1748    1849    1850
1830        RY    1001    1001    1001    1000    1000    1001    1001    1001

1831        KK    285B
1832        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 285B
1833        BA     .06
1834        LG     .50     .00    3.50     .47     .00
1835        UI      7.     20.     36.     47.     65.     86.     63.     48.     36.     21.
1836        UI     12.      9.      5.      2.      2.      2.      0.      0.      0.      0.
1837        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1838        KK  CP285B
1839        KM        ADD HYDROGRAPHS AT CP285B
1840        HC       2   25.34

1841        KK  SR285B
1842        KM        STORAGE ROUTE THROUGH CP285B
1843        RS       1    STOR       0       0
1844        SV       0      .7    5.68    7.84    10.0
1845        SQ       0      16     227     435    1468
1846        SE  1005.5  1006.9  1009.5  1010.0  1011.0

1847        KK   D285B
1848        KM        DIVERT FROM CP285B TO CP297
1849        DT   DI297
1850        DI       0      16     227     435
1851        DQ       0      16     227     274

1852        KK   R285B
1853        KM        ROUTE REMAINDER FROM CP285B TO CP285A
1854        RS       7              -1
1855        RC    .075    .035    .035    1072   .0009
1856        RX    1000    1001    1002    1280    1550    1598    1599    1600
1857        RY    1011    1011    1011    1010    1010    1015    1015    1015

1858        KK    D267
1859        KM        RETURN DIVERT AT CP267
1860        DR   DI284

1861        KK    R267
1862        KM        ROUTE FLOW FROM CP267 TO CP284
1863        RS       9              -1
1864        RC    .025    .025     .05    6080   .0008
1865        RX    1000    1001    1002    1040    1060    1190    1740    1940
1866        RY    1013    1013    1013    1012    1012    1014    1016    1017
```



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

1867        KK     284
1868        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 284
1869        BA     .52
1870        LG     .50     .00    3.56     .46     .00
1871        UI     21.     21.     21.     33.     71.     84.    100.    110.    120.    130.
```

```
1872        UI   143.   158.   173.   204.   247.   282.   248.   216.   195.   178.
1873        UI   165.   148.   133.   122.   108.   100.    84.    63.    47.    38.
1874        UI    37.    35.    33.    21.    21.    21.    15.     7.     7.     7.
1875        UI     7.     7.     7.     7.     7.     7.     7.     7.     0.     0.
1876        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

1877        KK  CP284
1878        KM       ADD HYDROGRAPHS AT CP284
1879        HC      2   26.64

1880        KK  SR284
1881        KM       STORAGE ROUTE THROUGH CP284
1882        RS      1    STOR      0      0
1883        SV      0     .18  25.77 34.058  60.22  83.97
1884        SQ      0       0      0      0    457   2222
1885        SE 1007.6    1008   1010 1010.3   1011 1011.5

1886        KK   R284
1887        KM       ROUTE FLOW FROM CP284 TO CP285A
1888        RS      2              -1
1889        RC   .075    .075   .075   1050  .0076
1890        RX   1000    1001   1002   1020   1440   1448   1449   1450
1891        RY   1050    1009   1009   1008   1008   1009   1009   1050

1892        KK   285A
1893        KM       RUNOFF HYDROGRAPH FROM SUB-BASIN 285A
1894        BA    .06
1895        LG    .50     .00   3.50    .47    .00
1896        UI     7.     18.    33.    43.    57.    84.    66.    51.    38.    27.
1897        UI    14.     10.     7.     3.     2.     2.     2.     0.     0.     0.
1898        UI     0.      0.     0.     0.     0.     0.     0.     0.     0.     0.

1899        KK  1I285A
1900        KM       ADD HYDROGRAPHS AT CP285A
1901        HC      2   26.70

1902        KK  CP285A
1903        KM       ADD HYDROGRAPHS AT CP285A
1904        HC      2   26.92

1905        KK  SR285A
1906        KM       STORAGE ROUTE THROUGH CP285A
1907        RS      1    STOR      0      0
1908        SV      0     .13   4.35   4.40   5.19   6.89  15.46
1909        SQ      0      35    193  196.5  246.5  925.5   3914
1910        SE  999.7 1000.7 1005.47 1005.5 1006.0 1006.5 1007.5
```



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


1911        KK   D285A
1912        KM       DIVERT FROM CP285A TO CP297A
1913        DT  1D297A
1914        DI      0      35     193     196     246     925
1915        DQ      0      35     193     196     218     237

1916        KK   R285A
1917        KM       ROUTE REMAINDER FROM CP285A TO CP285
1918        RS      2              -1
1919        RC    .07     .02    .025    1745   .0029
1920        RX   1000    1001    1530    1540    1550    1560    1570    1610
```

```
1921        RY    1010     999     998     996     996     998    1000    1010

1922        KK     285
1923        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 285
1924        BA     .04
1925        LG     .50     .00    3.50     .47     .00
1926        UI      5.     14.     25.     32.     46.     58.     42.     32.     23.     12.
1927        UI      8.      5.      3.      1.      1.      1.      0.      0.      0.      0.
1928        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

1929        KK   CP285
1930        KM        ADD HYDROGRAPHS AT CP285
1931        HC       2   26.96

1932        KK   SR285
1933        KM        STORAGE ROUTE THROUGH CP285
1934        RS       1    STOR       0       0
1935        SV       0     .17    1.61    4.19
1936        SQ       0      82     694    1687
1937        SE  1002.8    1003  1003.5    1004

1938        KK    D285
1939        KM        DIVERT FROM CP285 TO CP297A
1940        DT  2D297A
1941        DI       0      82     694    1687
1942        DQ       0      23     188     462

1943        KK    R285
1944        KM        ROUTE REMAINDER  FROM CP285 TO CP287
1945        RS       2              -1       0
1946        RC    .075     .02    .025    2460   .0061
1947        RX    1000    1001    1530    1540    1550    1560    1570    1610
1948        RY     999     999     998     996     996     998    1000    1010

1949        KK   CP287
1950        KM        ADD HYDROGRAPHS AT CP287
1951        HC       2   38.19
```



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


1952        KK   SR287
1953        KM        STORAGE ROUTE THROUGH CP287
1954        RS       1    STOR       0       0
1955        SV       0   14.18   61.23  266.05  356.54  502.54
1956        SQ       0     373    2288    4167    5000    6570
1957        SE     988     990     992     994   994.5  995.23

1958        KK    R287
1959        KM        ROUTE FLOW FROM CP287 TO CP298
1960        RS       5              -1       0
1961        RC     .05     .03     .05    4370   .0023
1962        RX    1000    1200    1380    1500    1890    2090    2330    2560
1963        RY     990     988     986     984     984     986     988     990

1964        KK     298
1965        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 298
1966        BA     .84
1967        LG     .50     .00    3.53     .46     .00
1968        UI     40.     40.     40.    105.    146.    181.    203.    225.    247.    277.
1969        UI    306.    360.    445.    521.    449.    388.    347.    316.    282.    250.
```

```
1970      UI   224.   199.   175.   137.   102.    70.    68.    65.    54.    40.
1971      UI    40.    36.    12.    12.    12.    12.    12.    12.    12.    12.
1972      UI    12.    12.     0.     0.     0.     0.     0.     0.     0.     0.
1973      UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

1974      KK   CP298
1975      KM        ADD HYDROGRAPHS AT CP298
1976      HC       2   39.03

1977      KK   SR298
1978      KM        STORAGE ROUTE THROUGH CP298
1979      RS       1    STOR      0      0
1980      SV       0     .08   7.03   9.28  32.19  53.97
1981      SQ       0       0      0      0   2881   8075
1982      SE   975.5     976    978  978.3    980    981

1983      KK    R298
1984      KM        ROUTE FLOW FROM CP298 TO CP316
1985      RS       6              -1      0
1986      RC     .05     .03    .05   5280   .003
1987      RX    1000    1100   1210   1410   1830   2030   2140   2310
1988      RY     980     978    976    974    974    976    978    980

1989      KK     316
1990      KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 316
1991      BA     .82
1992      LG     .50     .00   3.57    .42    .00
1993      UI     33.     33.    33.    43.   108.   125.   151.   165.   181.   195.
1994      UI    212.    236.   255.   293.   363.   410.   409.   352.   314.   286.
1995      UI    264.    243.   217.   198.   180.   163.   147.   121.    94.    65.
1996      UI     58.     55.    54.    48.    33.    33.    33.    24.    10.    10.
1997      UI     10.     10.    10.    10.    10.    10.    10.    10.    10.    10.
1998      UI      0.      0.     0.     0.     0.     0.     0.     0.     0.     0.
1999      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


2000      KK   CP316
2001      KM        ADD HYDROGRAPHS AT CP316
2002      HC       2   39.85

2003      KK    R316
2004      KM        ROUTE FLOW FROM CP316 TO CP334
2005      RS       4              -1      0
2006      RC     .06     .03    .06   3280   .003
2007      RX    1000    1360   1570   1590   1780   2070   2280   2400
2008      RY     966   960.5    961    960    960    962    964    965

2009      KK     334
2010      KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 334
2011      BA     .64
2012      LG     .50     .00   3.57    .43    .00
2013      UI     30.     30.    30.    76.   109.   133.   151.   167.   182.   204.
2014      UI    227.    259.   327.   382.   351.   300.   267.   243.   219.   194.
2015      UI    176.    153.   140.   115.    86.    57.    53.    49.    49.    30.
2016      UI     30.     30.    16.     9.     9.     9.     9.     9.     9.     9.
2017      UI      9.      9.     9.     0.     0.     0.     0.     0.     0.     0.
2018      UI      0.      0.     0.     0.     0.     0.     0.     0.     0.     0.

2019      KK    1I334
```

```
2020        KM        ADD HYDROGRAPHS AT CP334
2021        HC      2   40.49

2022        KK    D285
2023        KM        RETURN DIVERT AT CP285
2024        DR  2D297A

2025        KK    R285
2026        KM        ROUTE FLOW FROM CP285 TO CP297A
2027        RS      5              -1       0
2028        RC    .03     .03     .07    3950    .003
2029        RX   1000    1001    1002    1020    1050    1460    1819    1820
2030        RY   1050     997     997     996     996     998     999    1050

2031        KK   D285A
2032        KM        RETURN DIVERT AT 285A
2033        DR  1D297A

2034        KK   R285A
2035        KM        ROUTE FLOW FROM CP285A TO CP297A
2036        RS      5              -1       0
2037        RC    .03     .03     .07    4370   .0041
2038        RX   1000    1001    1002    1020    1050    1460    1819    1820
2039        RY  997.5     997     997     996     996     998     999     999

2040        KK    297A
2041        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 297A
2042        BA    .27
2043        LG    .50     .00    3.50     .47     .00
2044        UI    14.     14.     17.     48.     59.     70.     79.     88.    100.    112.
2045        UI   136.    175.    178.    147.    128.    115.    102.     89.     78.     69.
```



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

2046        UI    58.     42.     26.     25.     23.     19.     14.     14.      9.      4.
2047        UI     4.      4.      4.      4.      4.      4.      4.      0.      0.      0.
2048        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2049        KK  1I297A
2050        KM        ADD HYDROGRAPHS AT CP297A
2051        HC      2   27.19

2052        KK  CP297A
2053        KM        ADD HYDROGRAPHS AT CP297A
2054        HC      2   27.23

2055        KK   R297A
2056        KM        ROUTE FLOW FROM CP297A TO CP315
2057        RS     19              -1
2058        RC   .075    .075    .075    5620   .0032
2059        RX   1000    1001    1002    1090    1910    2148    2149    2150
2060        RY   1000     985     985     984     984     985     985    1000

2061        KK    315
2062        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 315
2063        BA    .47
2064        LG    .50     .00    3.56     .47     .00
2065        UI    18.     18.     18.     18.     59.     67.     79.     88.     98.    104.
2066        UI   113.    124.    136.    148.    175.    209.    239.    214.    188.    168.
2067        UI   155.    144.    131.    119.    109.     99.     90.     82.     69.     52.
2068        UI    39.     32.     31.     30.     30.     19.     18.     18.     18.      7.
```

```
2069        UI     6.     6.     6.     6.     6.     6.     6.     6.     6.     6.
2070        UI     6.     6.     0.     0.     0.     0.     0.     0.     0.     0.
2071        UI     0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2072        KK   CP315
2073        KM        ADD HYDROGRAPHS AT CP315
2074        HC       2   27.70

2075        KK    R315
2076        KM        ROUTE FLOW FROM CP315 TO CP334
2077        RS      11             -1
2078        RC     .06    .06    .06   4370   .0046
2079        RX    1000   1001   1002   1130   2070   2208   2209   2210
2080        RY     963    963    963    962    962    963    963    963

2081        KK   CP334
2082        KM        ADD HYDROGRAPHS AT CP334
2083        HC       2   41.23

2084        KK    R334
2085        KM        ROUTE FLOW FROM CP334 TO CP335
2086        RS       2             -1
2087        RC     .04    .02    .04   3450   .0035
2088        RX    1000   1380   1430   1450   1465   1470   1540   2040
2089        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


2090        KK     335
2091        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 335
2092        BA     .35
2093        LG     .50    .00   4.39    .39    .00
2094        UI     18.    18.    20.    61.    75.    89.   100.   111.   126.   141.
2095        UI    169.   214.   234.   194.   168.   150.   134.   117.   104.    91.
2096        UI     78.    59.    40.    32.    30.    29.    18.    18.    16.     6.
2097        UI      6.     6.     6.     6.     6.     6.     6.     6.     0.     0.
2098        UI      0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2099        KK   CP335
2100        KM        ADD HYDROGRAPHS AT CP335
2101        HC       2   41.58

2102        KK    R335
2103        KM        ROUTE FLOW FROM CP335 TO CP336B
2104        RS       1             -1
2105        RC     .05   .035    .05   1350   .012
2106        RX    1000   1001   1002   1020   1120   1138   1139   1140
2107        RY     935    935    935    930    930    935    935    935

2108        KK    336B
2109        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336B
2110        BA     .08
2111        LG     .35    .35   4.07    .36    .00
2112        UI     83.   262.   198.    57.    13.     0.     0.     0.     0.     0.
2113        UI      0.     0.     0.     0.     0.     0.     0.     0.     0.     0.

2114        KK   CP336B
2115        KM        ADD HYDROGRAPHS AT CP336B
2116        HC       2   41.66
```

```
2117        KK   R336B
2118        KM        ROUTE FLOW FROM CP336B TO CP364A
2119        RS      3              -1       0
2120        RC    .025    .025    .025    1250   .0048
2121        RX    1000    1001    1015    1030    1340    1380    1430    1510
2122        RY     921     921     920     918     918     921     919     920

2123        KK     299
2124        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 299
2125        BA     .40
2126        LG     .50     .00    4.62     .40     .00
2127        UI     19.     19.     19.     49.     69.     84.     95.    106.    115.    129.
2128        UI    144.    166.    207.    243.    217.    186.    166.    151.    136.    120.
2129        UI    109.     95.     86.     68.     53.     33.     33.     31.     29.     19.
2130        UI     19.     19.      7.      6.      6.      6.      6.      6.      6.      6.
2131        UI      6.      6.      0.      0.      0.      0.      0.      0.      0.      0.
2132        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


2133        KK    R299
2134        KM        ROUTE FLOW FROM CP299 TO CP317
2135        RS      21              -1
2136        RC     .06     .06     .06    5460   .0033
2137        RX    1000    1001    1002    1420    1840    2220    2514    2515
2138        RY     980     980     980     978     978     980     982     982

2139        KK     317
2140        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 317
2141        BA     .57
2142        LG     .50     .00    3.52     .47     .00
2143        UI     22.     22.     22.     25.     73.     84.    100.    111.    122.    130.
2144        UI    142.    157.    171.    190.    226.    272.    292.    252.    223.    202.
2145        UI    186.    172.    155.    140.    130.    115.    106.     93.     73.     59.
2146        UI     40.     40.     37.     37.     29.     22.     22.     22.     13.      7.
2147        UI      7.      7.      7.      7.      7.      7.      7.      7.      7.      7.
2148        UI      7.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2149        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2150        KK   CP317
2151        KM        ADD HYDROGRAPHS AT CP317
2152        HC       2     .97

2153        KK    R317
2154        KM        ROUTE FLOW FROM CP317 TO CP336
2155        RS      13              -1
2156        RC     .04     .02     .04   12170   .0032
2157        RX    1000    1070    1170    1210    1270    1290    1410    1450
2158        RY     944     942     940     938     938     940     942     943

2159        KK     300
2160        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 300
2161        BA     .39
2162        LG     .50     .00    6.36     .30     .00
2163        UI     22.     22.     39.     80.    101.    118.    132.    150.    172.    208.
2164        UI    271.    278.    227.    197.    176.    152.    133.    114.     97.     72.
2165        UI     46.     39.     37.     29.     22.     22.      9.      7.      7.      7.
2166        UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
2167        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
```

```
2168        KK    R300
2169        KM        ROUTE FLOW FROM CP300 TO CP318
2170        RS     21              -1
2171        RC    .05     .05     .05    5620   .0028
2172        RX   1000    1001    1002    1190    1800    2268    2269    2270
2173        RY    975     975     975     974     974     976     976     976

2174        KK    318
2175        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 318
2176        BA    .62
2177        LG    .27     .14    3.66     .39   12.00
2178        UI    43.     43.    119.    181.    222.    254.    299.    354.    475.    537.
2179        UI   428.    363.    313.    264.    222.    183.    124.     76.     71.     58.
2180        UI    43.     36.     13.     13.     13.     13.     13.     13.     13.      0.
1                                          HEC-1 INPUT                                          PAGE 50

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

2181        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2182        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2183        KK   CP318
2184        KM        ADD HYDROGRAPHS AT CP318
2185        HC      2    1.01

2186        KK    R318
2187        KM        ROUTE FLOW FROM CP318 TO CP337
2188        RS      4              -1
2189        RC    .03     .03     .03    2000   .0029
2190        RX   1000    1001    1280    1440    2180    2420    2469    2470
2191        RY   1063    1063    1062    1061    1061    1062    1063    1063

2192        KK    301
2193        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 301
2194        BA    .30
2195        LG    .24     .28    5.79     .23   10.00
2196        UI    80.    269.    424.    644.    427.    263.    110.     61.     17.     17.
2197        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2198        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2199        KK    R301
2200        KM        ROUTE FLOW FROM CP301 TO CP319
2201        RS     24              -1
2202        RC    .05     .05     .05    6240   .0024
2203        RX   1000    1001    1002    1250    2020    2280    2349    2350
2204        RY    973     973     972     970     970     972     973     973

2205        KK    319
2206        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 319
2207        BA    .54
2208        LG    .23     .18    3.50     .40   14.00
2209        UI    45.     61.    167.    225.    268.    324.    414.    570.    471.    383.
2210        UI   317.    259.    208.    140.     80.     74.     48.     44.     14.     14.
2211        UI    14.     14.     14.      0.      0.      0.      0.      0.      0.      0.
2212        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2213        KK   CP319
2214        KM        ADD HYDROGRAPHS AT CP319
2215        HC      2     .84

2216        KK    R319
2217        KM        ROUTE FLOW FROM CP319 TO CP337
```

```
2218        RS      6              -1
2219        RC    .03     .03     .03    2400   .0027
2220        RX   1000    1001    1280    1440    2180    2420    2469    2470
2221        RY   1063    1063    1062    1061    1061    1062    1063    1063

2222        KK    337
2223        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 337
2224        BA    .49
2225        LG    .19     .30    3.60     .33   23.50
2226        UI    68.    238.    378.    519.    803.    624.    455.    319.    156.    101.
2227        UI    61.     21.     21.     21.      0.      0.      0.      0.      0.      0.
1                                        HEC-1 INPUT                                          PAGE 51

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

2228        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2229        KK   CP337
2230        KM        ADD HYDROGRAPHS AT CP337
2231        HC       3    2.34

2232        KK   SR337
2233        KM        STORAGE ROUTE THROUGH CP337
2234        RS       1    STOR       0       0
2235        SV       0     .06    3.14   15.08   45.28  110.59  221.78  290.44  449.81
2236        SQ       0      10     100     250     370     380     383     383    8928
2237        SE   951.3     952     954     956     958     960     962   962.8     964

2238        KK    D337
2239        KM        DIVERT FLOW IN 96" STORM DRAIN TO AGUA FRIA RIVER AT CP367
2240        DT   DI367
2241        DI       0      10     100     250     370     380     383     383    8928
2242        DQ       0      10     100     250     370     380     383     383     383

2243        KK    R337
2244        KM        ROUTE FLOW FROM CP337 TO CP336
2245        RS      11              -1
2246        RC    .03     .03     .03    9830   .0034
2247        RX   1000    1080    1130    1240    1660    1770    1810    1830
2248        RY   1057    1056    1054    1052    1052    1054    1056    1057

2249        KK   1I336
2250        KM        ADD HYDROGRAPHS AT CP336
2251        HC       2    3.31

2252        KK    336
2253        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336
2254        BA   1.28
2255        LG    .43     .05    3.50     .43   13.50
2256        UI    32.     32.     32.     32.     32.     32.     98.    107.    124.    135.
2257        UI   150.    159.    171.    179.    188.    197.    208.    222.    237.    250.
2258        UI   264.    291.    330.    380.    408.    429.    386.    352.    326.    305.
2259        UI   288.    272.    260.    248.    230.    215.    203.    193.    181.    168.
2260        UI   159.    150.    135.    124.     94.     93.     63.     57.     57.     56.
2261        UI    53.     53.     53.     40.     32.     32.     32.     32.     32.     20.
2262        UI    10.     10.     10.     10.     10.     10.     10.     10.     10.     10.
2263        UI    10.     10.     10.     10.     10.     10.     10.     10.     10.      0.
2264        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2265        UI     0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2266        KK   CP336
2267        KM        ADD HYDROGRAPHS AT CP336
```

```
2268        HC      2    4.59

2269        KK   SR336
2270        KM        STORAGE ROUTE THROUGH CP336
2271        RS       1    STOR       0       0
2272        SV       0     .54    1.72    4.49    5.79   15.91   32.49
2273        SQ       0    1400    2075    2335    2414    2800    8534
2274        SE   922.3     930     932   932.8     933     934     935
```



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

2275        KK    336A
2276        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 336A
2277        BA     .37
2278        LG     .51     .02    3.86     .44    2.00
2279        UI      9.      9.      9.      9.      9.      9.     25.     30.     34.     37.
2280        UI     42.     44.     47.     50.     52.     55.     58.     61.     65.     69.
2281        UI     72.     79.     88.    101.    107.    122.    116.    105.     97.     90.
2282        UI     85.     80.     76.     73.     69.     64.     60.     57.     54.     51.
2283        UI     47.     45.     42.     38.     35.     27.     26.     18.     16.     16.
2284        UI     16.     15.     15.     15.     12.      9.      9.      9.      9.      9.
2285        UI      8.      3.      3.      3.      3.      3.      3.      3.      3.      3.
2286        UI      3.      3.      3.      3.      3.      3.      3.      3.      3.      3.
2287        UI      3.      0.      0.      0.      0.      0.      0.      0.      0.      0.
2288        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2289        KK  CP336A
2290        KM        ADD HYDROGRAPHS AT CP336A
2291        HC      2    4.96

2292        KK   R336A
2293        KM        ROUTE FLOW FROM CP336A TO CP364A
2294        RS      2              -1
2295        RC    .03     .02     .03    4210   .0056
2296        RX   1000    1020    1025    1030    1070    1100    1180    1310
2297        RY   1050    1030    1028    1026    1026  1028.5    1027    1050

2298        KK    364A
2299        KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 364A
2300        BA     .07
2301        LG     .35     .35    3.50     .28     .00
2302        UI     10.     33.     53.     71.    112.     90.     66.     47.     24.     15.
2303        UI     10.      3.      3.      3.      0.      0.      0.      0.      0.      0.
2304        UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2305        KK  TI364A
2306        KM        ADD HYDROGRAPHS AT CP364A
2307        HC      2    5.03

2308        KK  CP364A
2309        KM        ADD HYDROGRAPHS AT CP364A
2310        HC      2   46.69

2311        KK   R364A
2312        KM        ROUTE FLOW FROM CP364A TO CP364
2313        RS      5              -1
2314        RC   .075    .035    .035    3400   .0015
2315        RX   1000    1001    1270    1800    2070    2088    2089    2090
2316        RY    917     917     916     914     914     915     915     915
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

2317          KK     365
2318          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 365
2319          BA     .38
2320          LG     .50     .00    4.11     .73     .00
2321          UI     22.     22.     37.     78.     98.    114.    128.    145.    167.    200.
2322          UI    261.    272.    222.    192.    172.    148.    130.    111.     96.     71.
2323          UI     47.     38.     36.     29.     22.     22.      9.      7.      7.      7.
2324          UI      7.      7.      7.      7.      0.      0.      0.      0.      0.      0.
2325          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2326          KK    R365
2327          KM        ROUTE FLOW FROM CP365 TO CP364
2328          RS     26              -1
2329          RC    .035    .035    .075    7020   .0017
2330          RX    1000    1001    1015    1140    1560    1700    2009    2010
2331          RY     915     915     914   913.5   913.5     914     915     915

2332          KK     364
2333          KM        RUNOFF HYDROGRAPH FROM SUB-BASIN 364
2334          BA     .78
2335          LG     .50     .00    4.22     .43     .00
2336          UI     37.     37.     37.     99.    136.    169.    190.    210.    230.    258.
2337          UI    286.    338.    418.    484.    415.    359.    321.    293.    261.    231.
2338          UI    207.    184.    161.    125.     92.     65.     63.     61.     49.     37.
2339          UI     37.     31.     11.     11.     11.     11.     11.     11.     11.     11.
2340          UI     11.     11.      0.      0.      0.      0.      0.      0.      0.      0.
2341          UI      0.      0.      0.      0.      0.      0.      0.      0.      0.      0.

2342          KK   1I364
2343          KM        ADD HYDROGRAPHS AT CP364
2344          HC       2    1.16

2345          KK   CP364
2346          KM        ADD HYDROGRAPHS AT CP364
2347          HC       2   47.85
2348          ZZ
```

1

SCHEMATIC DIAGRAM OF STREAM NETWORK

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

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

  32        159
             V
             V
  39       R159
             .
             .
  45         .          160
             .            .
             .            .
  53     CP160............
             V
             V
  56       R160
             .
```

```
62          .          161
            .           .
            .           .
72       CP161............
            V
            V
75        R161
            .
            .
81          .          162
            .           V
            .           V
89          .         R162
            .           .
            .           .
95          .           .          163
            .           .           .
            .           .           .
105         .        1I163............
            .           .
            .           .
108      CP163............
            .
            .
113         .-------> DI176A
111       D163
            .
            .
118         .-------> DD164A
116       D163
            .
            .
123         .           .<-------  DI176A
121         .         D163
            .           V
            .           V
124         .         R163
            .           .
            .           .
130         .           .        176A
            .           .           .
            .           .           .
141         .       CP176A............
            .           .
            .           .
146         .           .------->   DI191
144         .        D176A
            .           .
            .           .
151         .           .-------> DD177A
149         .        D176A
            .           .
            .           .
154         .           .          174
            .           .           V
            .           .           V
            .           .        R174
            .           .           .
            .           .           .
167         .           .           .          175
```

```
176     .       .       .       .-------> DI175A
174     .       .       .     D175
        .       .       .       V
        .       .       .       V
        .       .       .     R175
        .       .       .       .
        .       .       .       .
185     .       .       .       .       176
        .       .       .       .         .
        .       .       .       .         .
193     .       .       .    1I176............
        .       .       .       .
        .       .       .       .
196     .       .    CP176............
        .       .       V
        .       .       V
199     .       .    R176
        .       .       .
        .       .       .
207     .       .       .       .<------- DI175A
205     .       .       .     D175
        .       .       .       V
        .       .       .       V
208     .       .       .     R175
        .       .       .       .
        .       .       .       .
214     .       .       .       .       175A
        .       .       .       .         .
        .       .       .       .         .
222     .       .       .   CP175A............
        .       .       .       V
        .       .       .       V
225     .       .       .    R175A
        .       .       .       .
        .       .       .       .
231     .       .       .       .       189
        .       .       .       .         .
        .       .       .       .         .
239     .       .       .    CP189............
        .       .       .       V
        .       .       .       V
242     .       .       .     R189
        .       .       .       .
        .       .       .       .
248     .       .       .       .       190
        .       .       .       .         .
        .       .       .       .         .
258     .       .       .    CP190............
        .       .       .       V
        .       .       .       V
261     .       .       .     R190
        .       .       .       .
        .       .       .       .
269     .       .       .       .         .<------- DI191
267     .       .       .       .     D176A
        .       .       .       .         V
        .       .       .       .         V
270     .       .       .       .     R176A
        .       .       .       .         .
        .       .       .       .         .
272     .       .    CP191............
        .       .       .
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     .        .        .
279  .        .        .        191
     .        .        .          .
     .        .        .          .
     .        .     CP191............
     .        .        .
     .        .        .
295  .        .        .-------->   DI208
293  .        .     CP191
     .        .        V
     .        .        V
298  .        .     R191
     .        .        .
     .        .        .
304  .        .        .       192A
     .        .        .          .
     .        .        .          .
314  .        .    CP192A...........
     .        .        V
     .        .        V
317  .        .    R192A
     .        .        .
     .        .        .
323  .        .        .        192
     .        .        .          .
     .        .        .          .
333  .        .    CP192............
     .        .        .
     .        .        .
338  .        .        .-------->   DI209
5    .        .    D192
     .        .        .
     .        .        .
343  .        .        .-------->   DI210
341  .        .    D192
     .        .        .
     .        .        .
348  .        .        .-------->   DD193
346  .        .    D192
     .        .        .
     .        .        .
351  .        .        .        188
     .        .        .          V
     .        .        .          V
358  .        .        .       R188
     .        .        .          .
     .        .        .          .
364  .        .        .          .        207A
     .        .        .          .          .
     .        .        .          .          .
371  .        .        .     CP207A...........
     .        .        .          V
     .        .        .          V
374  .        .        .     R207A
     .        .        .          .
     .        .        .          .
60   .        .        .          .        214
     .        .        .          .          .
     .        .        .          .          .
387  .        .        .     CP214...........
     .        .        .          V
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390          .          .          .        R214
             .          .          .          .
             .          .          .          .
396          .          .          .          .        215A
             .          .          .          .          V
             .          .          .          .          V
404          .          .          .          .       R215A
             .          .          .          .          .
             .          .          .          .          .
410          .          .          .          .          .         215
             .          .          .          .          .           .
             .          .          .          .          .           .
417          .          .          .          .       1I215............
             .          .          .          .          .
             .          .          .          .          .
420          .          .          .     CP215............
             .          .          .        V
             .          .          .        V
423          .          .          .      R215
             .          .          .        .
             .          .          .        .
429          .          .          .          .        233
             .          .          .          .          .
             .          .          .          .          .
437          .          .          .     CP233............
             .          .          .        V
             .          .          .        V
440          .          .          .      R233
             .          .          .        .
             .          .          .        .
             .          .          .          .        216
             .          .          .          .          V
             .          .          .          .          V
455          .          .          .          .       R216
             .          .          .          .          .
             .          .          .          .          .
461          .          .          .          .          .         234
             .          .          .          .          .           .
             .          .          .          .          .           .
471          .          .          .          .       1I234............
             .          .          .          .          .
             .          .          .          .          .
474          .          .          .     CP234............
             .          .          .        .
             .          .          .        .
479          .          .          .        .-------->   1D248
477          .          .          .      D234
             .          .          .        V
             .          .          .        V
482          .          .          .      R234
             .          .          .        .
             .          .          .        .
488          .          .          .          .        207
             .          .          .          .          .
             .          .          .          .          .
491          .          .          .          .          .-------->   2D208
499          .          .          .          .       D207
             .          .          .          .          V
             .          .          .          .          V
504          .          .          .          .       R207
             .          .          .          .          .
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510   .         .         .         .         .         217
      .         .         .         .         .           .
      .         .         .         .         .           .
520   .         .         .         .      CP217............
      .         .         .         .         .
      .         .         .         .         .
525   .         .         .         .         .-------->  DI218
523   .         .         .         .      D217
      .         .         .         .         V
      .         .         .         .         V
528   .         .         .         .      R217
      .         .         .         .         .
      .         .         .         .         .
534   .         .         .         .         .         235
      .         .         .         .         .           .
      .         .         .         .         .           .
545   .         .         .         .      1I235............
      .         .         .         .         .
      .         .         .         .         .
548   .         .         .      CP235............
      .         .         .         .
      .         .         .         .
553   .         .         .         .-------->  2D248
551   .         .         .      D235
      .         .         .         V
      .         .         .         V
556   .         .         .      R235
      .         .         .         .
      .         .         .         .
564   .         .         .         .         .<--------  DI208
      .         .         .         .      D191
      .         .         .         .         V
      .         .         .         .         V
565   .         .         .         .      R191
      .         .         .         .         .
      .         .         .         .         .
571   .         .         .         .         .         208
      .         .         .         .         .           .
      .         .         .         .         .           .
582   .         .         .         .      1I208............
      .         .         .         .         .
      .         .         .         .         .
587   .         .         .         .         .           .<--------  2D208
585   .         .         .         .         .       D207
      .         .         .         .         .           V
      .         .         .         .         .           V
588   .         .         .         .         .       R207
      .         .         .         .         .           .
      .         .         .         .         .           .
594   .         .         .         .      CP208............
      .         .         .         .         .
      .         .         .         .         .
599   .         .         .         .         .-------->  1D219
597   .         .         .         .      D208
      .         .         .         .         .
      .         .         .         .         .
,4    .         .         .         .         .-------->  DI209A
602   .         .         .         .      D208
      .         .         .         .         V
      .         .         .         .         V
607   .         .         .         .      R209
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```
613                                                  218
                                                      .
                                                      .
                                          1I218............
                                                      .
                                                      .
629                                                   .<-------   DI218
627                                                D217
                                                      V
                                                      V
630                                                R217
                                                      .
                                                      .
636                                       CP218............
                                                      .
                                                      .
641                                                   .------->   DI237
639                                       D218
                                                      .
                                                      .
646                                                   .------->   2D219
644                                       D218
                                                      V
                                                      V
649                                       R218
                                                      .
                                                      .
655                                                  236
                                                      .
                                                      .
666                                       1I236............
                                                      .
                                                      .
669                                  CP236............
                                                      .
                                                      .
674                                                   .------->   DI249
672                                  D236
                                                      .
                                                      .
679                                                   .------->   1D250
677                                  D236
                                                      V
                                                      V
682                                  R236
                                                      .
                                                      .
688                                       209A
                                                      .
                                                      .
700                                                   .<-------   DI209A
698                                                D208
                                                      V
                                                      V
701                                                R208
                                                      .
                                                      .
707                                       CP209A...........
                                                      .
                                                      .
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710   .         .         .         D209A
      .         .         .            .
      .         .         .            .
717   .         .         .            .-------->   2D209
      .         .         .         D209A
      .         .         .            V
      .         .         .            V
720   .         .         .         R209A
      .         .         .            .
      .         .         .            .
728   .         .         .            .            .<-------   1D219
726   .         .         .            .         D208
      .         .         .            .            V
      .         .         .            .            V
729   .         .         .            .         R208
      .         .         .            .            .
      .         .         .            .            .
735   .         .         .            .            .         219
      .         .         .            .            .           .
      .         .         .            .            .           .
745   .         .         .            .        1I219............
      .         .         .            .            .
      .         .         .            .            .
748   .         .         .         2I219............
      .         .         .            .
      .         .         .            .
753   .         .         .            .            .<-------   2D219
751   .         .         .            .         D218
      .         .         .            .            V
      .         .         .            .            V
      .         .         .            .         R218
      .         .         .            .            .
      .         .         .            .            .
760   .         .         .         CP219............
      .         .         .            .
      .         .         .            .
765   .         .         .            .-------->   DI238
763   .         .         .         D219
      .         .         .            .
      .         .         .            .
770   .         .         .            .-------->   2D220
768   .         .         .         D219
      .         .         .            V
      .         .         .            V
773   .         .         .         R219
      .         .         .            .
      .         .         .            .
781   .         .         .            .            .<-------   DI237
779   .         .         .            .         D218
      .         .         .            .            V
      .         .         .            .            V
782   .         .         .            .         R218
      .         .         .            .            .
      .         .         .            .            .
788   .         .         .            .            .         237
      .         .         .            .            .           .
      .         .         .            .            .           .
799   .         .         .            .        1I237............
      .         .         .            .            .
      .         .         .            .            .
807   .         .         .         2I237............
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                .         .         .         .         .
805             .         .         .     CP237............
                .         .         .         .
                .         .         .         .
                .         .         .         .-------->   2D250
803             .         .         .     D237
                .         .         .         .
                .         .         .         .
815             .         .         .         .-------->  1D250A
813             .         .         .     D237
                .         .         .         V
                .         .         .         V
818             .         .         .     R237
                .         .         .         .
                .         .         .         .
826             .         .         .         .         .<--------   DI209
824             .         .         .         .     1D192
                .         .         .         .         V
                .         .         .         .         V
827             .         .         .         .     R192
                .         .         .         .         .
                .         .         .         .         .
833             .         .         .         .         .         209
                .         .         .         .         .           .
                .         .         .         .         .           .
843             .         .         .         .     1I209............
                .         .         .         .         .
                .         .         .         .         .
848             .         .         .         .         .           .<--------   2D209
846             .         .         .         .         .       D209A
                .         .         .         .         .           V
                .         .         .         .         .           V
849             .         .         .         .         .       R209A
                .         .         .         .         .           .
                .         .         .         .         .           .
855             .         .         .         .     CP209............
                .         .         .         .         .
                .         .         .         .         .
860             .         .         .         .         .-------->   1D221
858             .         .         .         .     D209
                .         .         .         .         .
                .         .         .         .         .
865             .         .         .         .         .-------->   2D210
863             .         .         .         .     D209
                .         .         .         .         V
                .         .         .         .         V
868             .         .         .         .     R209
                .         .         .         .         .
                .         .         .         .         .
876             .         .         .         .         .           .<--------   1D220
874             .         .         .         .         .       D209A
                .         .         .         .         .           V
                .         .         .         .         .           V
877             .         .         .         .         .       R209A
                .         .         .         .         .           .
                .         .         .         .         .           .
23              .         .         .         .         .           .         220
                .         .         .         .         .           .           .
                .         .         .         .         .           .           .
892             .         .         .         .         .       1I220............
                .         .         .         .         .           .
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896     .       .       .       .       2I220............
        .       .       .       .          .
        .       .       .       .          .
901     .       .       .       .          .          .<-------   2D220
9       .       .       .       .          .       D219
        .       .       .       .          .          V
        .       .       .       .          .          V
902     .       .       .       .          .       R219
        .       .       .       .          .          .
        .       .       .       .          .          .
908     .       .       .       .       CP220............
        .       .       .       .          .
        .       .       .       .          .
913     .       .       .       .          .------->   DI239
911     .       .       .       .       D220
        .       .       .       .          .
        .       .       .       .          .
918     .       .       .       .          .------->   2D221
916     .       .       .       .       D220
        .       .       .       .          V
        .       .       .       .          V
921     .       .       .       .       R220
        .       .       .       .          .
        .       .       .       .          .
929     .       .       .       .          .          .<-------   DI238
927     .       .       .       .          .       D219
        .       .       .       .          .          V
        .       .       .       .          .          V
930     .       .       .       .          .       R219
        .       .       .       .          .          .
        .       .       .       .          .          .
936     .       .       .       .          .          .        238
        .       .       .       .          .          .          .
        .       .       .       .          .          .          .
946     .       .       .       .          .      1I238............
        .       .       .       .          .          .
        .       .       .       .          .          .
949     .       .       .       .       2I238............
        .       .       .       .          .
        .       .       .       .          .
952     .       .       .    CP238............
        .       .       .       .
        .       .       .       .
957     .       .       .       .------->  2D250A
955     .       .       .    D238
        .       .       .       .
        .       .       .       .
962     .       .       .       .------->   1D251
960     .       .       .    D238
        .       .       .       V
        .       .       .       V
965     .       .       .    R238
        .       .       .       .
        .       .       .       .
973     .       .       .       .          .<-------   DI210
971     .       .       .       .       2D192
        .       .       .       .          V
        .       .       .       .          V
974     .       .       .       .       R192
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                                                  .
990                                               1I210............
                                                  .
                                                  .
995                                               .          .<-------   2D210
993                                               .        D209
                                                  .          V
                                                  .          V
996                                               .        R209
                                                  .          .
                                                  .          .
1002                                              CP210............
                                                    V
                                                    V
1005                                                R210
                                                    .
                                                    .
1013                                              .          .<-------   1D221
1011                                              .        D209
                                                  .          V
                                                  .          V
1014                                              .        R209
                                                  .          .
                                                  .          .
1020                                              .          .         221
                                                  .          .           .
                                                  .          .           .
1030                                              .      1I221............
                                                  .          .
                                                  .          .
1033                                              2I221............
                                                  .
                                                  .
1038                                              .          .<-------   2D221
1036                                              .        D220
                                                  .          V
                                                  .          V
1039                                              .        R220
                                                  .          .
                                                  .          .
1045                                              CP221............
                                                    V
                                                    V
1048                                                R221
                                                    .
                                                    .
1056                                              .          .<-------   DI239
1054                                              .        D220
                                                  .          V
                                                  .          V
1057                                              .        R220
                                                  .          .
                                                  .          .
1063                                              .          .         239
                                                  .          .           .
                                                  .          .           .
1073                                              .      1I239............
                                                  .          .
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1076                                              2I239............
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     .         .         .         .         .
1079 .         .         .      CP239............
     .         .         .         .
     .         .         .         .
     .         .         .         .-------->   2D251
     .         .         .      D239
     .         .         .         V
     .         .         .         V
1087 .         .         .      R239
     .         .         .         .
     .         .         .         .
1093 .         .         .         .        240
     .         .         .         .          .
     .         .         .         .          .
1103 .         .         .      CP240............
     .         .         .         V
     .         .         .         V
1106 .         .         .      R240
     .         .         .         .
     .         .         .         .
1112 .         .         .         .        213
     .         .         .         .          V
     .         .         .         .          V
1120 .         .         .         .       R213
     .         .         .         .          .
     .         .         .         .          .
1126 .         .         .         .          .        212
     .         .         .         .          .          V
     .         .         .         .          .          V
1138 .         .         .         .          .      SR212
     .         .         .         .          .          .
     .         .         .         .          .          .
1144 .         .         .         .     CP212............
     .         .         .         .          V
     .         .         .         .          V
1147 .         .         .         .       R212
     .         .         .         .          .
     .         .         .         .          .
1153 .         .         .         .          .        211
     .         .         .         .          .          V
     .         .         .         .          .          V
1163 .         .         .         .          .      R211
     .         .         .         .          .          .
     .         .         .         .          .          .
1169 .         .         .         .          .          .        221A
     .         .         .         .          .          .          .
     .         .         .         .          .          .          .
1180 .         .         .         .          .     1I221A............
     .         .         .         .          .          V
     .         .         .         .          .          V
1183 .         .         .         .          .     SR221A
     .         .         .         .          .          .
     .         .         .         .          .          .
1189 .         .         .         .     CP221A............
     .         .         .         .          V
     .         .         .         .          V
     .         .         .         .       R221A
     .         .         .         .          .
     .         .         .         .          .
1198 .         .         .         .          .        222
     .         .         .         .          .          .
     .         .         .         .          .          .
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1210  .   .   .   .   CP222............
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1213  .   .   .   .   R222
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1219  .   .   .   .      .      226
      .   .   .   .      .       V
      .   .   .   .      .       V
1226  .   .   .   .      .    SR226
      .   .   .   .      .       V
      .   .   .   .      .       V
1232  .   .   .   .      .    R226
      .   .   .   .      .       .
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1238  .   .   .   .      .       .        201
      .   .   .   .      .       .         V
      .   .   .   .      .       .         V
1245  .   .   .   .      .       .       R201
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      .   .   .   .      .       .         .
1251  .   .   .   .      .       .         .        223
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1259  .   .   .   .      .       .     1I223............
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1262  .   .   .   .      .    CP223............
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7     .   .   .   .      .       .-------> DI225
1265  .   .   .   .      .    D223
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      .   .   .   .      .       V
1270  .   .   .   .      .    R223
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1276  .   .   .   .      .       .        224
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1283  .   .   .   .      .    CP224............
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      .   .   .   .      .       V
1286  .   .   .   .      .    R224
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1292  .   .   .   .      .       .        241
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1300  .   .   .   .      .    1I241............
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1303  .   .   .   .   2I241............
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1306  .   .   .   CP241............
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      .   .   .      V
1309  .   .   .   SR241
      .   .   .      V
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1315  .   .   .   R241
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1321            .         .         .         .        253
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1334            .         .         .         .       253A
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1341            .         .         .         .      R253A
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1350            .         .         .         .        247
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1362            .         .         .         .          .-------->   DI261
1360            .         .         .         .       D247
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1365            .         .         .         .       R247
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1382            .         .         .         .          .           .       D234
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1385            .         .         .         .          .           .       R234
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1391            .         .         .         .          .       1I248............
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1399            .         .         .         .          .           .<-------   2D248
1397            .         .         .         .          .       D235
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1400            .         .         .         .          .       R235
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1406            .         .         .         .       CP248............
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1411            .         .         .         .          .-------->   DI262
1409            .         .         .         .       D248
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1436            .         .         .         .         .         .<-------   DI249
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1437            .         .         .         .         .      R236
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1448            .         .         .         .         .------->   DI264
1446            .         .         .         .      D249
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1451            .         .         .         .      R249
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1459            .         .         .         .         .         .<-------   1D250
1457            .         .         .         .         .      D236
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1460            .         .         .         .         .      R236
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1466            .         .         .         .         .         .         250
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1481            .         .         .         .         .         .           .<-------   2D250
1479            .         .         .         .         .         .        D237
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1482            .         .         .         .         .         .        R237
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1494            .         .         .         .      R250
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1502            .         .         .         .         .         .<-------   1D250A
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1503            .         .         .         .         .      R237
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1509            .         .         .         .         .         .        250A
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1520            .         .         .         .         .      1I250A...........
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1525            .         .         .         .         .         .<-------  2D250A
1523            .         .         .         .         .       D238
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                .         .         .         .         .       R238
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1532            .         .         .         .       2I250A............
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1535            .         .         .       CP250A............
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1540            .         .         .         .-------> DI265A
1538            .         .         .       D250A
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1545            .         .         .         .------->  1D266
1543            .         .         .       D250A
                .         .         .         V
                .         .         .         V
1548            .         .         .       R250A
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1556            .         .         .         .         .<-------  1D251
1554            .         .         .         .       D238
                .         .         .         .         V
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1557            .         .         .         .       R238
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1563            .         .         .         .         .       251
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1573            .         .         .         .       1I251............
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1578            .         .         .         .         .         .<-------  2D251
1576            .         .         .         .         .       D239
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                .         .         .         .         .         V
1579            .         .         .         .         .       R239
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1585            .         .         .         .       2I251............
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1588            .         .         .       CP251............
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1593            .         .         .         .------->  2D266
1591            .         .         .       D251
                .         .         .         V
                .         .         .         V
1596            .         .         .       R251
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1602            .         .         .         .       252
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1612            .         .         .       CP252............
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1617            .         .         .         .         .-------->  DI267
1615            .         .         .         .       D252
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1620            .         .         .         .       R252
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1626            .         .         .      CP253............
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                .         .         .         V
1629            .         .         .      SR253
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                .         .         .         V
1635            .         .         .       R253
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1652            .         .         .      1I268............
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1657            .         .         .         .         .<-------  1D266
1655            .         .         .         .     D250A
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1658            .         .         .         .     R250A
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1664            .         .         .         .         .       266
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1675            .         .         .         .     1I266............
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                .         .         .         .         .
1680            .         .         .         .         .         .<-------  2D266
1678            .         .         .         .         .       D251
                .         .         .         .         .         V
                .         .         .         .         .         V
1681            .         .         .         .         .       R251
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                .         .         .         .         .         .
1687            .         .         .         .     CP266............
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                .         .         .         .         .
1692            .         .         .         .         .-------->  DI283
1690            .         .         .         .       D266
                .         .         .         .         V
                .         .         .         .         V
1695            .         .         .         .       R266
                .         .         .         .         .
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1703            .         .         .         .         .         .<-------  DI267
1701            .         .         .         .         .       D252
                .         .         .         .         .         V
                .         .         .         .         .         V
1704            .         .         .         .         .       R252
                .         .         .         .         .         .
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1710            .         .         .         .         .         .       267
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1720            .         .         .         .         .      1I267............
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                .         .         .         .      CP267............
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1728            .         .         .         .         .-------->   DI284
1726            .         .         .         .      D267
                .         .         .         .         V
                .         .         .         .         V
1731            .         .         .         .      R267
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1737            .         .         .   CP268............
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1740            .         .         .   SR268
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                .         .         .      V
1746            .         .         .   R268
                .         .         .      .
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1752            .         .         .         .      286
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1762            .         .         .   1I286............
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                .         .         .         .      288
                .         .         .         .         V
                .         .         .         .         V
1776            .         .         .         .      R288
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1782            .         .         .   CP286............
                .         .         .      V
                .         .         .      V
1785            .         .         .   R286
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1791            .         .         .         .      287
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1800            .         .         .   1I287............
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1805            .         .         .         .         .<-------   DI283
1803            .         .         .         .      D266
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                .         .         .         .         V
1806            .         .         .         .      R266
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1822            .         .         .         .      CP283............
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1825            .         .         .         .      R283
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1841                                        SR285B
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1852                                        R285B
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1860                                            .            .<-------   DI284
1858                                            .          D267
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1867                                            .            .          284
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1880                                            .        SR284
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1911                                        D285A
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1916                                        R285A
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1938    .         .         .         .       D285
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1943    .         .         .         .       R285
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2075            .         .         .         .      R315
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2292                                              .  R336A
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2308            .         .         .     CP364A............
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2311            .         .         .     R364A
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2317            .         .         .         .       365
                .         .         .         .         V
                .         .         .         .         V
2326            .         .         .         .      R365
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2332            .         .         .         .         .        364
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2342            .         .         .         .     1I364............
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                .         .         .         .         .
2345            .         .         .     CP364............
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(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

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1*****************************************
*                                       *
    FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*           SEPTEMBER 1990              *
*            VERSION 4.0                *
*                                       *
*  RUN DATE  12/28/1994  TIME  08:10:59 *
*                                       *
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*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
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WHITE TANKS/AGUA FRIA ARIA DRAINAGE MASTER PLAN
BULLARD WASH INTERIM WATERSHED
100-YEAR, 24-HOUR STORM FILE: WTBULL.24
THIS MODEL REFLECTS FUTURE CHANNELS OR CHANNEL IMPROVEMENT ALONG:
-BEARDSLEY CANAL WASH,WHITE TANKS NO.3 TO PEORIA AV.
-DYSART DRAIN,AGUA FRIA RIVER TO REEMS ROAD
-BULLARD WASH,GILA RIVER TO APPROX. 1/4 MILE SOUTH OF LOWER BUKEYE RD.
IT DOES NOT INCLUDE ,HOWEVER,THE FUTURE CHANNEL ALONG THE ESTRELLA
FREEWAY,HENCE IT IS AN INTERIM CONDITION USED FOR DESIGHN PURPOSES
ON BULLARD WASH

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5 10        OUTPUT CONTROL VARIABLES
                IPRNT          5  PRINT CONTROL
                IPLOT          0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE
```

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

17 JD INDEX STORM NO. 1

STRM	4.03	PRECIPITATION DEPTH
TRDA	.00	TRANSPOSITION DRAINAGE AREA

18 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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29 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

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.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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29 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
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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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30 JD INDEX STORM NO. 4

STRM 3.76 PRECIPITATION DEPTH

TRDA 100.00 TRANSPOSITION DRAINAGE AREA

PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.01	.01	.01	.01	.01	.01	.01	.01	.03	.03
.03	.09	.09	.09	.01	.01	.01	.01	.01	.01
.01	.01	.01	.01	.01	.01	.00	.00	.00	.00
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31 JD INDEX STORM NO. 5

STRM 3.70 PRECIPITATION DEPTH

TRDA 200.00 TRANSPOSITION DRAINAGE AREA

0 PI PRECIPITATION PATTERN

.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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.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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1

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

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	159	531.	12.33	51.	13.	12.	.58		
+	ROUTED TO	R159	525.	12.42	51.	13.	12.	.58		
+	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		
+	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		
+	HYDROGRAPH AT	162	268.	12.50	34.	8.	8.	.25		
+	ROUTED TO	R162	197.	13.17	34.	8.	8.	.25		
+	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		

	DIVERSION TO						
+		DD164A	1575.	13.00	301.	75.	72.	2.47
	HYDROGRAPH AT						
		D163	0.	.08	0.	0.	0.	2.47
	HYDROGRAPH AT						
+		D163	0.	.08	0.	0.	0.	2.47
	ROUTED TO						
+		R163	0.	.08	0.	0.	0.	2.47
	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
	DIVERSION TO						
+		DD177A	378.	13.25	92.	23.	22.	3.09
	HYDROGRAPH AT						
+		D176A	0.	.08	0.	0.	0.	3.09
	HYDROGRAPH AT						
+		174	612.	12.25	55.	14.	13.	.45
	ROUTED TO						
+		R174	410.	12.75	55.	14.	13.	.45
	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
	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
	HYDROGRAPH AT						
+		D174	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	ROUTED TO						
+	R175	342.	12.42	34.	9.	8.	.28
	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
	HYDROGRAPH AT						
+	189	521.	12.42	57.	14.	14.	.51
	2 COMBINED AT						
+	CP189	942.	12.58	133.	33.	32.	1.26
	ROUTED TO						
+	R189	777.	13.17	133.	33.	32.	1.26
	HYDROGRAPH AT						
+	190	657.	12.92	128.	32.	31.	.86
	2 COMBINED AT						
+	CP190	1336.	13.00	260.	65.	63.	2.12
	ROUTED TO						
+	R190	1271.	13.33	260.	65.	63.	2.12
	HYDROGRAPH AT						
+	D176A	0.	.08	0.	0.	0.	3.09
	ROUTED TO						
+	R176A	0.	.08	0.	0.	0.	3.09
	3 COMBINED AT						
+	1I191	1771.	13.25	393.	99.	95.	6.33
	HYDROGRAPH AT						
+	191	610.	13.25	149.	37.	36.	.99
	2 COMBINED AT						
+	CP191	2379.	13.25	541.	136.	131.	7.32
	DIVERSION TO						
+	DI208	1339.	12.83	440.	110.	106.	7.32
	HYDROGRAPH AT						
+	CP191	1040.	13.25	101.	25.	24.	7.32
	ROUTED TO						
+	R191	949.	13.50	101.	25.	24.	7.32
	HYDROGRAPH AT						
	192A	345.	13.08	75.	19.	18.	.50
	2 COMBINED AT						
+	CP192A	1164.	13.50	176.	44.	42.	7.82

+	R192A	1116.	13.75	176.	44.	42.	7.82
HYDROGRAPH AT							
+	192	346.	13.08	75.	19.	18.	.50
2 COMBINED AT							
+	CP192	1280.	13.67	251.	63.	60.	8.32
DIVERSION TO							
+	DI209	1146.	13.67	225.	56.	54.	8.32
HYDROGRAPH AT							
+	D192	134.	13.67	26.	7.	6.	8.32
DIVERSION TO							
+	DI210	0.	.08	0.	0.	0.	8.32
HYDROGRAPH AT							
+	D192	134.	13.67	26.	7.	6.	8.32
DIVERSION TO							
+	DD193	134.	13.67	26.	7.	6.	8.32
HYDROGRAPH AT							
+	D192	0.	.08	0.	0.	0.	8.32
HYDROGRAPH AT							
+	188	240.	12.25	19.	5.	5.	.19
ROUTED TO							
	R188	188.	12.42	19.	5.	5.	.19
HYDROGRAPH AT							
+	207A	469.	12.42	48.	12.	12.	.50
2 COMBINED AT							
+	CP207A	656.	12.42	67.	17.	16.	.69
ROUTED TO							
+	R207A	626.	12.50	67.	17.	16.	.69
HYDROGRAPH AT							
+	214	208.	12.25	18.	5.	4.	.16
2 COMBINED AT							
+	CP214	729.	12.42	85.	21.	21.	.85
ROUTED TO							
+	R214	688.	12.50	85.	21.	21.	.85
HYDROGRAPH AT							
+	215A	497.	12.42	55.	14.	13.	.45
ROUTED TO							
+	R215A	477.	12.50	55.	14.	13.	.45
HYDROGRAPH AT							
+	215	419.	12.33	44.	11.	11.	.35
2 COMBINED AT							
+	CP215	874.	12.42	99.	25.	24.	.78

	2 COMBINED AT						
+		CP215	1503.	12.42	184.	46.	44.	1.55
	ROUTED TO						
		R215	1384.	12.67	184.	46.	44.	1.55
	HYDROGRAPH AT						
+		233	496.	12.42	56.	14.	13.	.50
	2 COMBINED AT						
+		CP233	1709.	12.58	240.	60.	58.	2.05
	ROUTED TO						
+		R233	1618.	12.75	240.	60.	58.	2.05
	HYDROGRAPH AT						
+		216	366.	12.92	69.	17.	17.	.51
	ROUTED TO						
+		R216	350.	13.08	69.	17.	17.	.51
	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	2103.	12.83	389.	97.	94.	3.09
	DIVERSION TO						
+		1D248	1002.	12.83	143.	36.	34.	3.09
	HYDROGRAPH AT						
+		D234	1102.	12.83	246.	61.	59.	3.09
	ROUTED TO						
+		R234	970.	13.25	246.	61.	59.	3.09
	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
	HYDROGRAPH AT						
+		217	350.	13.00	76.	19.	18.	.49
	2 COMBINED AT						
		CP217	372.	13.08	111.	28.	27.	1.49
	DIVERSION TO						
+		D1218	91.	13.08	38.	9.	9.	1.49
	HYDROGRAPH AT						
+		[illegible]	[illegible]	13.08	[illegible]	[illegible]	18.	[illegible]

	ROUTED TO						
+	R217	258.	13.58	73.	18.	18.	1.49
	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	1448.	13.25	389.	98.	94.	5.05
	DIVERSION TO						
+	2D248	760.	13.25	185.	46.	45.	5.05
	HYDROGRAPH AT						
+	D235	688.	13.25	204.	51.	49.	5.05
	ROUTED TO						
+	R235	651.	13.67	202.	51.	49.	5.05
	HYDROGRAPH AT						
+	D191	1339.	12.83	440.	110.	106.	7.32
	ROUTED TO						
+	R191	1339.	13.75	438.	110.	106.	7.32
	HYDROGRAPH AT						
+	208	632.	13.17	149.	37.	36.	1.00
	2 COMBINED AT						
+	1I208	1929.	13.25	585.	147.	142.	8.32
	HYDROGRAPH AT						
+	D207	476.	13.25	118.	29.	28.	1.00
	ROUTED TO						
+	R207	428.	13.75	118.	29.	28.	1.00
	2 COMBINED AT						
+	CP208	2188.	13.33	702.	177.	170.	9.32
	DIVERSION TO						
+	1D219	628.	13.33	277.	70.	68.	9.32
	HYDROGRAPH AT						
+	D208	1560.	13.33	424.	107.	103.	9.32
	DIVERSION TO						
+	DI209A	1551.	13.33	422.	106.	102.	9.32
	HYDROGRAPH AT						
+	D208	8.	13.33	2.	0.	0.	9.32
	ROUTED TO						
	R208	8.	14.17	2.	0.	0.	9.32
	HYDROGRAPH AT						
+	218	624.	13.25	153.	38.	37.	1.00
	2 COMBINED AT						

+		1I218	621.	13.25	154.	39.	37.	10.32
	HYDROGRAPH AT							
+		D217	91.	13.08	38.	9.	9.	1.49
	ROUTED TO							
+		R217	86.	13.83	38.	9.	9.	1.49
	2 COMBINED AT							
+		CP218	676.	13.25	191.	48.	46.	10.81
	DIVERSION TO							
+		DI237	424.	13.25	133.	33.	32.	10.81
	HYDROGRAPH AT							
+		D218	252.	13.25	58.	14.	14.	10.81
	DIVERSION TO							
+		2D219	59.	13.25	14.	3.	3.	10.81
	HYDROGRAPH AT							
+		D218	193.	13.25	44.	11.	11.	10.81
	ROUTED TO							
+		R218	181.	13.50	44.	11.	11.	10.81
	HYDROGRAPH AT							
+		236	582.	13.25	146.	37.	35.	1.00
	2 COMBINED AT							
		1I236	718.	13.33	189.	47.	46.	11.81
	2 COMBINED AT							
+		CP236	1233.	13.50	385.	97.	94.	15.37
	DIVERSION TO							
+		DI249	328.	13.50	70.	17.	17.	15.37
	HYDROGRAPH AT							
+		D236	905.	13.50	316.	80.	77.	15.37
	DIVERSION TO							
+		1D250	407.	13.50	103.	26.	25.	15.37
	HYDROGRAPH AT							
+		D236	498.	13.50	212.	54.	52.	15.37
	ROUTED TO							
+		R236	495.	13.67	212.	54.	52.	15.37
	HYDROGRAPH AT							
+		209A	335.	13.08	75.	19.	18.	.50
	HYDROGRAPH AT							
+		D208	1551.	13.33	422.	106.	102.	9.32
	ROUTED TO							
+		R208	1526.	13.67	422.	106.	102.	9.32
	2 COMBINED AT							
+		CP209A	1720.	13.50	496.	125.	120.	9.82

	DIVERSION TO						
+		1D220	641.	13.50	195.	49.	48.	9.82
	HYDROGRAPH AT						
		D209A	1079.	13.50	301.	75.	73.	9.82
	DIVERSION TO						
+		2D209	290.	13.50	78.	20.	19.	9.82
	HYDROGRAPH AT						
+		D209A	789.	13.50	223.	56.	54.	9.82
	ROUTED TO						
+		R209A	775.	14.00	222.	56.	54.	9.82
	HYDROGRAPH AT						
+		D208	628.	13.33	277.	70.	68.	9.32
	ROUTED TO						
+		R208	613.	14.83	260.	69.	66.	9.32
	HYDROGRAPH AT						
+		219	343.	13.08	76.	19.	18.	.50
	2 COMBINED AT						
+		1I219	631.	14.75	309.	88.	85.	9.82
	2 COMBINED AT						
+		2I219	1237.	14.58	530.	144.	138.	10.32
	HYDROGRAPH AT						
+		D218	59.	13.25	14.	3.	3.	10.81
	ROUTED TO						
+		R218	52.	14.00	14.	3.	3.	10.81
	2 COMBINED AT						
+		CP219	1268.	14.58	542.	147.	141.	11.81
	DIVERSION TO						
+		DI238	892.	14.58	393.	109.	105.	11.81
	HYDROGRAPH AT						
+		D219	376.	14.58	149.	38.	37.	11.81
	DIVERSION TO						
+		2D220	156.	14.58	61.	15.	15.	11.81
	HYDROGRAPH AT						
+		D219	220.	14.58	88.	22.	22.	11.81
	ROUTED TO						
+		R219	199.	15.42	87.	22.	22.	11.81
	HYDROGRAPH AT						
		D218	424.	13.25	133.	33.	32.	10.81
	ROUTED TO						
+		R218	383.	14.00	130.	33.	32.	10.81
	HYDROGRAPH AT						
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	2 COMBINED AT						
+		1I237	519.	13.83	197.	51.	50.	11.31
	2 COMBINED AT						
+		2I237	525.	13.92	274.	74.	71.	12.31
	2 COMBINED AT						
+		CP237	998.	13.83	483.	127.	122.	16.87
	DIVERSION TO						
+		2D250	304.	13.83	84.	21.	20.	16.87
	HYDROGRAPH AT						
+		D237	694.	13.83	399.	106.	102.	16.87
	DIVERSION TO						
+		1D250A	308.	13.83	123.	31.	30.	16.87
	HYDROGRAPH AT						
+		D237	386.	13.83	276.	75.	73.	16.87
	ROUTED TO						
+		R237	385.	13.92	276.	75.	73.	16.87
	HYDROGRAPH AT						
+		1D192	1146.	13.67	225.	56.	54.	8.32
	ROUTED TO						
+		R192	990.	14.08	225.	56.	54.	8.32
	HYDROGRAPH AT						
+		209	336.	13.08	73.	18.	17.	.50
	2 COMBINED AT						
+		1I209	1053.	14.08	297.	74.	72.	8.82
	HYDROGRAPH AT						
+		D209A	290.	13.50	78.	20.	19.	9.82
	ROUTED TO						
+		R209A	286.	13.92	78.	20.	19.	9.82
	2 COMBINED AT						
+		CP209	1320.	14.08	372.	93.	90.	11.32
	DIVERSION TO						
+		1D221	564.	14.08	170.	43.	41.	11.32
	HYDROGRAPH AT						
+		D209	756.	14.08	202.	51.	49.	11.32
	DIVERSION TO						
+		2D210	228.	14.08	60.	15.	14.	11.32
	HYDROGRAPH AT						
+		D209	527.	14.08	142.	36.	34.	11.32
	ROUTED TO						
+		R209	487.	14.58	142.	36.	34.	11.32

+	D209A	641.	13.50	195.	49.	48.	9.82
ROUTED TO							
+	R209A	614.	14.50	195.	49.	48.	9.82
HYDROGRAPH AT							
+	220	335.	13.08	75.	19.	18.	.50
2 COMBINED AT							
+	1I220	655.	14.42	268.	68.	66.	10.32
2 COMBINED AT							
+	2I220	1132.	14.50	407.	103.	99.	11.82
HYDROGRAPH AT							
+	D219	156.	14.58	61.	15.	15.	11.81
ROUTED TO							
+	R219	154.	14.75	61.	15.	15.	11.81
2 COMBINED AT							
+	CP220	1253.	14.58	465.	118.	114.	13.81
DIVERSION TO							
+	DI239	737.	14.58	311.	79.	76.	13.81
HYDROGRAPH AT							
+	D220	516.	14.58	154.	39.	37.	13.81
DIVERSION TO							
	2D221	412.	14.58	129.	33.	31.	13.81
HYDROGRAPH AT							
+	D220	103.	14.58	25.	6.	6.	13.81
ROUTED TO							
+	R220	93.	15.50	25.	6.	6.	13.81
HYDROGRAPH AT							
+	D219	892.	14.58	393.	109.	105.	11.81
ROUTED TO							
+	R219	827.	15.17	389.	108.	104.	11.81
HYDROGRAPH AT							
+	238	314.	13.17	72.	18.	17.	.50
2 COMBINED AT							
+	1I238	834.	15.17	440.	125.	121.	12.31
2 COMBINED AT							
+	2I238	907.	15.17	463.	131.	126.	14.31
2 COMBINED AT							
+	CP238	1220.	15.17	733.	206.	198.	19.37
DIVERSION TO							
+	2D250A	56.	15.17	19.	5.	5.	19.37
HYDROGRAPH AT							
+	[illegible]	[illegible]	15.17	714.	201.	193.	19.37

	DIVERSION TO						
+		1D251	159.	15.17	54.	13.	13.	19.37
	HYDROGRAPH AT						
		D238	1005.	15.17	660.	187.	181.	19.37
	ROUTED TO						
+		R238	982.	15.58	659.	187.	180.	19.37
	HYDROGRAPH AT						
+		2D192	0.	.08	0.	0.	0.	8.32
	ROUTED TO						
+		R192	0.	.08	0.	0.	0.	8.32
	HYDROGRAPH AT						
+		210	296.	13.08	64.	16.	16.	.46
	2 COMBINED AT						
+		1I210	295.	13.08	64.	16.	15.	8.78
	HYDROGRAPH AT						
+		D209	228.	14.08	60.	15.	14.	11.32
	ROUTED TO						
+		R209	217.	14.42	60.	15.	14.	11.32
	2 COMBINED AT						
+		CP210	308.	13.08	124.	31.	30.	11.78
	ROUTED TO						
+		R210	279.	14.00	123.	31.	30.	11.78
	HYDROGRAPH AT						
+		D209	564.	14.08	170.	43.	41.	11.32
	ROUTED TO						
+		R209	494.	15.33	158.	42.	40.	11.32
	HYDROGRAPH AT						
+		221	303.	13.08	69.	17.	17.	.48
	2 COMBINED AT						
+		1I221	500.	15.33	203.	59.	57.	11.80
	2 COMBINED AT						
+		2I221	725.	15.25	325.	89.	86.	12.26
	HYDROGRAPH AT						
+		D220	412.	14.58	129.	33.	31.	13.81
	ROUTED TO						
+		R220	400.	14.83	128.	33.	31.	13.81
	2 COMBINED AT						
		CP221	1031.	15.17	448.	121.	117.	14.75
	ROUTED TO						
+		R221	928.	16.33	447.	121.	116.	14.75
	HYDROGRAPH AT						

	ROUTED TO						
+	R220	704.	15.83	291.	77.	74.	13.81
	HYDROGRAPH AT						
+	239	313.	13.08	69.	17.	17.	.48
	2 COMBINED AT						
+	1I239	705.	15.75	315.	94.	91.	14.29
	2 COMBINED AT						
+	2I239	1549.	16.25	750.	214.	206.	15.23
	2 COMBINED AT						
+	CP239	2377.	16.08	1395.	398.	384.	20.79
	DIVERSION TO						
+	2D251	1740.	16.08	876.	224.	215.	20.79
	HYDROGRAPH AT						
+	D239	637.	16.08	519.	175.	168.	20.79
	ROUTED TO						
+	R239	635.	16.42	518.	174.	168.	20.79
	HYDROGRAPH AT						
+	240	282.	13.00	57.	14.	14.	.40
	2 COMBINED AT						
+	CP240	635.	16.42	552.	188.	181.	21.19
	ROUTED TO						
+	R240	634.	16.67	550.	187.	180.	21.19
	HYDROGRAPH AT						
+	213	373.	12.50	46.	12.	11.	.35
	ROUTED TO						
+	R213	225.	13.42	46.	12.	11.	.35
	HYDROGRAPH AT						
+	212	279.	13.42	77.	19.	19.	.54
	ROUTED TO						
+	SR212	200.	13.83	49.	12.	12.	.54
	2 COMBINED AT						
+	CP212	378.	13.67	95.	24.	23.	.89
	ROUTED TO						
+	R212	333.	14.50	93.	24.	23.	.89
	HYDROGRAPH AT						
+	211	309.	13.08	69.	17.	17.	.49
	ROUTED TO						
	R211	220.	14.33	68.	17.	17.	.49
	HYDROGRAPH AT						
+	221A	175.	13.25	43.	11.	10.	.31

+	1I221A	276.	14.17	109.	28.	27.	.80
ROUTED TO							
+	SR221A	271.	14.25	95.	24.	23.	.80
2 COMBINED AT							
+	CP221A	589.	14.50	185.	48.	46.	1.69
ROUTED TO							
+	R221A	549.	14.92	182.	48.	46.	1.69
HYDROGRAPH AT							
+	222	541.	13.58	172.	48.	46.	1.10
2 COMBINED AT							
+	CP222	701.	14.83	338.	96.	92.	2.79
ROUTED TO							
+	R222	643.	15.58	333.	95.	92.	2.79
HYDROGRAPH AT							
+	226	1573.	12.33	192.	54.	52.	1.18
ROUTED TO							
+	SR226	503.	12.75	185.	54.	52.	1.18
ROUTED TO							
+	R226	407.	15.17	183.	53.	51.	1.18
HYDROGRAPH AT							
	201	420.	12.33	44.	11.	11.	.34
ROUTED TO							
+	R201	226.	13.75	44.	11.	11.	.34
HYDROGRAPH AT							
+	223	1763.	12.42	327.	110.	106.	1.26
2 COMBINED AT							
+	1I223	1763.	12.42	367.	121.	117.	1.60
2 COMBINED AT							
+	CP223	1775.	12.42	519.	174.	168.	2.78
DIVERSION TO							
+	DI225	60.	8.67	60.	50.	48.	2.78
HYDROGRAPH AT							
+	D223	1715.	12.42	459.	124.	120.	2.78
ROUTED TO							
+	R223	1589.	12.67	457.	124.	120.	2.78
HYDROGRAPH AT							
+	224	1054.	12.33	109.	27.	26.	.80
2 COMBINED AT							
+	CP224	2138.	12.50	564.	151.	146.	3.58
ROUTED TO							
+	R224	1928.	12.92	562.	151.	[illegible]	3.58

	HYDROGRAPH AT						
+	241	1436.	12.50	176.	44.	42.	1.51
	2 COMBINED AT						
	1I241	2565.	12.83	707.	195.	188.	5.09
	2 COMBINED AT						
+	2I241	2592.	12.83	1015.	290.	279.	7.88
	2 COMBINED AT						
+	CP241	2764.	12.83	1470.	464.	447.	29.07
	ROUTED TO						
+	SR241	2759.	12.92	1469.	464.	447.	29.07
	ROUTED TO						
+	R241	2444.	13.33	1460.	462.	445.	29.07
	HYDROGRAPH AT						
+	253	641.	13.17	148.	37.	36.	1.00
	2 COMBINED AT						
+	1I253	2976.	13.25	1579.	497.	478.	30.07
	HYDROGRAPH AT						
+	253A	291.	12.33	29.	7.	7.	.25
	ROUTED TO						
+	R253A	190.	13.08	29.	7.	7.	.25
	2 COMBINED AT						
+	2I253	3136.	13.25	1607.	504.	485.	30.32
	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
	HYDROGRAPH AT						
+	248	592.	13.25	152.	38.	37.	1.00
	HYDROGRAPH AT						
+	D234	1002.	12.83	143.	36.	34.	3.09
	ROUTED TO						
+	R234	754.	13.50	143.	36.	34.	3.09
	2 COMBINED AT						
	1I248	1297.	13.42	294.	74.	71.	4.09
	2 COMBINED AT						
+	2I248	1591.	13.42	370.	92.	89.	4.59
	HYDROGRAPH AT						
+	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	ROUTED TO						
+	R235	679.	13.83	185.	46.	45.	5.05
	2 COMBINED AT						
+	CP248	2100.	13.50	554.	139.	134.	6.55
	DIVERSION TO						
+	DI262	1892.	13.50	517.	129.	125.	6.55
	HYDROGRAPH AT						
+	D248	208.	13.50	37.	9.	9.	6.55
	ROUTED TO						
+	R248	186.	14.25	37.	9.	9.	6.55
	HYDROGRAPH AT						
+	249	571.	13.25	143.	36.	35.	1.00
	2 COMBINED AT						
+	1I249	570.	13.25	180.	45.	43.	7.55
	HYDROGRAPH AT						
+	D236	328.	13.50	70.	17.	17.	15.37
	ROUTED TO						
+	R236	324.	13.75	70.	17.	17.	15.37
	2 COMBINED AT						
+	CP249	708.	13.67	245.	61.	59.	17.87
	DIVERSION TO						
+	DI264	81.	13.67	23.	6.	6.	17.87
	HYDROGRAPH AT						
+	D249	626.	13.67	222.	56.	53.	17.87
	ROUTED TO						
+	R249	618.	14.08	222.	56.	53.	17.87
	HYDROGRAPH AT						
+	D236	407.	13.50	103.	26.	25.	15.37
	ROUTED TO						
+	R236	293.	16.08	93.	25.	24.	15.37
	HYDROGRAPH AT						
+	250	316.	13.08	71.	18.	17.	.49
	2 COMBINED AT						
+	1I250	310.	13.08	138.	42.	41.	15.86
	HYDROGRAPH AT						
+	D237	304.	13.83	84.	21.	20.	16.87
	ROUTED TO						
	R237	278.	14.50	83.	21.	20.	16.87
	2 COMBINED AT						
+	21250	389.	16.08	220.	63.	61.	17.36

+ COMBINE 2

+	CP250	909.	14.42	439.	118.	113.	19.86
ROUTED TO							
+	R250	898.	14.58	439.	118.	113.	19.86
HYDROGRAPH AT							
+	D237	308.	13.83	123.	31.	30.	16.87
ROUTED TO							
+	R237	298.	14.50	123.	31.	30.	16.87
HYDROGRAPH AT							
+	250A	308.	13.17	74.	18.	18.	.51
2 COMBINED AT							
+	1I250A	347.	14.25	191.	49.	47.	17.38
HYDROGRAPH AT							
+	D238	56.	15.17	19.	5.	5.	19.37
ROUTED TO							
+	R238	55.	15.58	19.	5.	5.	19.37
2 COMBINED AT							
+	2I250A	368.	14.50	209.	53.	51.	19.88
2 COMBINED AT							
+	CP250A	1256.	14.58	642.	170.	164.	22.87
DIVERSION TO							
	DI265A	3.	14.58	1.	0.	0.	22.87
HYDROGRAPH AT							
+	D250A	1253.	14.58	641.	170.	164.	22.87
DIVERSION TO							
+	1D266	278.	14.58	46.	12.	11.	22.87
HYDROGRAPH AT							
+	D250A	975.	14.58	595.	158.	152.	22.87
ROUTED TO							
+	R250A	972.	14.75	593.	158.	152.	22.87
HYDROGRAPH AT							
+	D238	159.	15.17	54.	13.	13.	19.37
ROUTED TO							
+	R238	135.	17.50	48.	13.	12.	19.37
HYDROGRAPH AT							
+	251	313.	13.17	72.	18.	17.	.50
2 COMBINED AT							
+	1I251	305.	13.17	88.	30.	29.	19.87
HYDROGRAPH AT							
+	D239	1740.	16.08	876.	224.	215.	20.79
ROUTED TO							
+	R239	1721.	16.50	868.	224.	215.	20.79

	2 COMBINED AT						
+		2I251	1719.	16.50	926.	254.	244.	21.29
	2 COMBINED AT						
		CP251	2316.	16.42	1501.	409.	394.	24.79
	DIVERSION TO						
+		2D266	1886.	16.42	1229.	334.	322.	24.79
	HYDROGRAPH AT						
+		D251	430.	16.42	271.	75.	73.	24.79
	ROUTED TO						
+		R251	424.	16.83	270.	75.	72.	24.79
	HYDROGRAPH AT						
+		252	326.	13.17	76.	19.	18.	.50
	2 COMBINED AT						
+		CP252	424.	16.83	320.	93.	90.	25.29
	DIVERSION TO						
+		DI267	401.	16.83	303.	89.	85.	25.29
	HYDROGRAPH AT						
+		D252	23.	16.83	16.	4.	4.	25.29
	ROUTED TO						
+		R252	16.	21.25	12.	3.	3.	25.29
	2 COMBINED AT						
+		CP253	3136.	13.25	1607.	507.	488.	34.42
	ROUTED TO						
+		SR253	3095.	13.33	1584.	504.	486.	34.42
	ROUTED TO						
+		R253	3035.	13.67	1579.	503.	485.	34.42
	HYDROGRAPH AT						
+		268	589.	13.25	147.	37.	35.	.95
	2 COMBINED AT						
+		1I268	3440.	13.58	1677.	538.	518.	35.37
	HYDROGRAPH AT						
+		D250A	278.	14.58	46.	12.	11.	22.87
	ROUTED TO						
+		R250A	245.	15.42	46.	12.	11.	22.87
	HYDROGRAPH AT						
+		266	181.	13.33	48.	12.	12.	.33
	2 COMBINED AT						
		1I266	256.	15.33	92.	23.	22.	23.20
	HYDROGRAPH AT						
+		D251	1886.	16.42	1229.	334.	322.	24.79
	ROUTED TO						
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	2 COMBINED AT						
+		CP266	1895.	16.75	1306.	357.	343.	25.12
	DIVERSION TO						
+		DI283	221.	16.75	148.	41.	40.	25.12
	HYDROGRAPH AT						
+		D266	1674.	16.75	1158.	315.	303.	25.12
	ROUTED TO						
+		R266	1672.	16.83	1158.	315.	303.	25.12
	HYDROGRAPH AT						
+		D252	401.	16.83	303.	89.	85.	25.29
	ROUTED TO						
+		R252	395.	17.33	301.	88.	85.	25.29
	HYDROGRAPH AT						
+		267	335.	13.17	79.	20.	19.	.50
	2 COMBINED AT						
+		1I267	492.	13.67	350.	107.	103.	25.79
	2 COMBINED AT						
+		CP267	2038.	16.92	1501.	421.	406.	26.12
	DIVERSION TO						
+		DI284	1248.	16.92	955.	276.	266.	26.12
	HYDROGRAPH AT						
+		D267	790.	16.92	546.	145.	140.	26.12
	ROUTED TO						
+		R267	784.	17.17	543.	145.	140.	26.12
	2 COMBINED AT						
+		CP268	3716.	13.67	2194.	680.	655.	36.20
	ROUTED TO						
+		SR268	3640.	13.83	2166.	662.	638.	36.20
	ROUTED TO						
+		R268	3468.	14.33	2121.	644.	620.	36.20
	HYDROGRAPH AT						
+		286	473.	13.08	109.	27.	26.	.70
	2 COMBINED AT						
+		1I286	3535.	14.33	2132.	670.	645.	36.90
	HYDROGRAPH AT						
+		288	160.	13.25	44.	11.	10.	.22
	ROUTED TO						
		R288	153.	13.42	43.	11.	10.	.22
	2 COMBINED AT						
+		CP286	3603.	14.33	2143.	680.	655.	37.12
	ROUTED TO						

+	R286	3498.	14.58	2131.	675.	650.	37.12
HYDROGRAPH AT							
+	287	223.	12.67	36.	9.	9.	.23
2 COMBINED AT							
+	1I287	3498.	14.58	2130.	683.	658.	37.35
HYDROGRAPH AT							
+	D266	221.	16.75	148.	41.	40.	25.12
ROUTED TO							
+	R266	217.	17.33	147.	41.	40.	25.12
HYDROGRAPH AT							
+	283	102.	13.08	23.	6.	6.	.16
2 COMBINED AT							
+	CP283	217.	17.33	150.	47.	45.	25.28
ROUTED TO							
+	R283	215.	17.58	149.	46.	45.	25.28
HYDROGRAPH AT							
+	285B	83.	12.33	9.	2.	2.	.06
2 COMBINED AT							
+	CP285B	215.	17.58	149.	48.	47.	25.34
ROUTED TO							
	SR285B	212.	17.75	149.	48.	47.	25.34
DIVERSION TO							
+	DI297	211.	17.83	149.	48.	47.	25.34
HYDROGRAPH AT							
+	D285B	2.	17.75	0.	0.	0.	25.34
ROUTED TO							
+	R285B	1.	18.25	0.	0.	0.	25.34
HYDROGRAPH AT							
+	D267	1248.	16.92	955.	276.	266.	26.12
ROUTED TO							
+	R267	1229.	17.50	951.	274.	264.	26.12
HYDROGRAPH AT							
+	284	326.	13.17	76.	19.	18.	.52
2 COMBINED AT							
+	CP284	1229.	17.50	973.	292.	282.	26.64
ROUTED TO							
+	SR284	1223.	17.67	939.	274.	264.	26.64
ROUTED TO							
+	R284	1221.	17.75	939.	274.	264.	26.64
HYDROGRAPH AT							
+	285A	83.	12.33	9.	2.	2.	.06

	2 COMBINED AT						
+		1I285A	1221.	17.75	939.	276.	266.	26.70
	2 COMBINED AT						
		CP285A	1221.	17.75	938.	276.	266.	26.92
	ROUTED TO						
+		SR285A	1220.	17.83	938.	276.	265.	26.92
	DIVERSION TO						
+		1D297A	245.	17.83	237.	93.	90.	26.92
	HYDROGRAPH AT						
+		D285A	975.	17.83	701.	183.	176.	26.92
	ROUTED TO						
+		R285A	970.	18.00	700.	183.	176.	26.92
	HYDROGRAPH AT						
+		285	56.	12.33	6.	1.	1.	.04
	2 COMBINED AT						
+		CP285	970.	18.00	700.	184.	177.	26.96
	ROUTED TO						
+		SR285	970.	18.00	700.	184.	177.	26.96
	DIVERSION TO						
+		2D297A	264.	18.00	190.	50.	48.	26.96
	HYDROGRAPH AT						
+		D285	706.	18.00	510.	134.	129.	26.96
	ROUTED TO						
+		R285	699.	18.33	509.	134.	129.	26.96
	2 COMBINED AT						
+		CP287	3690.	14.58	2619.	814.	784.	38.19
	ROUTED TO						
+		SR287	2783.	15.58	2581.	808.	779.	38.19
	ROUTED TO						
+		R287	2779.	15.83	2569.	797.	768.	38.19
	HYDROGRAPH AT						
+		298	591.	13.00	122.	30.	29.	.84
	2 COMBINED AT						
+		CP298	2778.	15.83	2569.	826.	796.	39.03
	ROUTED TO						
+		SR298	2774.	15.92	2564.	820.	790.	39.03
	ROUTED TO						
		R298	2769.	16.33	2554.	806.	776.	39.03
	HYDROGRAPH AT						
+		316	512.	13.17	122.	31.	29.	.82
	2 COMBINED AT						
		CP316	2768.	16.33	[illegible]	[illegible]	[illegible]	[illegible]

	ROUTED TO						
+	R316	2765.	16.50	2544.	826.	795.	39.85
	HYDROGRAPH AT						
+	334	452.	13.00	95.	24.	23.	.64
	2 COMBINED AT						
+	1I334	2765.	16.50	2544.	848.	817.	40.49
	HYDROGRAPH AT						
+	D285	264.	18.00	190.	50.	48.	26.96
	ROUTED TO						
+	R285	263.	18.33	190.	50.	48.	26.96
	HYDROGRAPH AT						
+	D285A	245.	17.83	237.	93.	90.	26.92
	ROUTED TO						
+	R285A	245.	18.25	237.	91.	88.	26.92
	HYDROGRAPH AT						
+	297A	206.	12.92	39.	10.	9.	.27
	2 COMBINED AT						
+	1I297A	245.	18.25	237.	100.	97.	27.19
	2 COMBINED AT						
+	CP297A	508.	18.33	426.	150.	145.	27.23
	ROUTED TO						
+	R297A	500.	19.92	421.	143.	138.	27.23
	HYDROGRAPH AT						
+	315	278.	13.25	68.	17.	16.	.47
	2 COMBINED AT						
+	CP315	500.	19.92	421.	160.	154.	27.70
	ROUTED TO						
+	R315	497.	20.58	418.	146.	141.	27.70
	2 COMBINED AT						
+	CP334	3178.	19.42	2888.	992.	955.	41.23
	ROUTED TO						
+	R334	3174.	19.67	2876.	979.	943.	41.23
	HYDROGRAPH AT						
+	335	277.	12.92	54.	13.	13.	.35
	2 COMBINED AT						
+	CP335	3174.	19.67	2876.	991.	955.	41.58
	ROUTED TO						
	R335	3173.	19.67	2874.	989.	952.	41.58
	HYDROGRAPH AT						
+	336B	168.	12.00	9.	2.	2.	.08

+	CP336B	3173.	19.67	2874.	991.	955.	41.66
ROUTED TO							
+	R336B	3172.	19.67	2874.	988.	951.	41.66
HYDROGRAPH AT							
+	299	289.	13.00	61.	15.	15.	.40
ROUTED TO							
+	R299	227.	14.33	61.	15.	15.	.40
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
HYDROGRAPH AT							
+	300	353.	12.83	66.	16.	16.	.39
ROUTED TO							
+	R300	264.	14.17	65.	16.	16.	.39
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
HYDROGRAPH AT							
+	301	535.	12.17	46.	12.	12.	.30
ROUTED TO							
+	R301	175.	14.00	46.	12.	12.	.30
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
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
DIVERSION TO							
+	DI337	343.	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
	2 COMBINED AT						
+		1I336	311.	13.83	138.	36.	34.	3.31
	HYDROGRAPH AT						
+		336	552.	13.92	206.	57.	55.	1.28
	2 COMBINED AT						
+		CP336	853.	13.92	336.	93.	89.	4.59
	ROUTED TO						
+		SR336	853.	13.92	336.	93.	89.	4.59
	HYDROGRAPH AT						
+		336A	149.	14.00	54.	14.	13.	.37
	2 COMBINED AT						
+		CP336A	998.	13.92	389.	107.	103.	4.96
	ROUTED TO						
+		R336A	970.	14.08	389.	106.	103.	4.96
	HYDROGRAPH AT						
+		364A	99.	12.25	9.	2.	2.	.07
	2 COMBINED AT						
+		1I364A	970.	14.08	396.	109.	105.	5.03
	2 COMBINED AT						
+		CP364A	3190.	19.67	2934.	1087.	1047.	46.69
	ROUTED TO						
+		R364A	3188.	19.92	2927.	1066.	1027.	46.69
	HYDROGRAPH AT						
+		365	272.	12.83	47.	12.	11.	.38
	ROUTED TO						
+		R365	179.	14.50	45.	12.	11.	.38
	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	3193.	19.92	2937.	1103.	1063.	47.85

** NORMAL END OF HEC-1 ***