AT&SF Railroad Channel and Basin Candidate Assessment Report

FCD 2007C016 Assignment 2

CANDIDATE ASSESSMENT REPORT
VOLUME 2 of 2 - APPENDICES

February 9, 2009

Prepared for:
Flood Control District of Maricopa County
2801 West Durango Street
Phoenix, AZ 85009
(602) 506-1501

201 West Indian School Road • Phoenix, AZ 85013 • (602)252-8384

Hoskin • Ryan Consultants, Inc.
creative engineering solutions

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REGISTERED PROFESSIONAL ENGINEER (CIVIL)
CERTIFICATE NO. 19690
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ARIZONA, U.S.A.

EXPIRES 3/31/2009

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APPENDIX A – HYDROLOGIC ANALYSIS REPORT

1 Introduction

The hydrologic model for the AT&SF Railroad Channel and Basin CAR is based on the HEC-1 model prepared by Aspen Consulting Engineers for the Camelback Candidate Assessment Report (Camelback CAR). The selected HEC-1 model was prepared for the existing land use conditions, assuming that flood control projects recommended in the Loop 303/White Tanks ADMPU (URS, 2005), such as Reems Road and Loop 303 Channel and Basin, are in place. Hoskin Ryan Consultants, Inc. has updated the Aspen HEC-1 model with the Recommended Alternative for the AT&SF Railroad Channel and Basin, the proposed Northern Parkway, the Surprise Pointe commercial development, and the Surprise Water Reclamation Facility (WRF) development.

2 Division of Drainage Basins

2.1 Summary

The AT&SF channel divides Drainage Basins 184 and 202 into Drainage Basins 184A, 184B, 202A and 202B. Northern Parkway divides Drainage Basins 192, 193, 195 and 196 into 192B, 192C, 193B, 193C, 195B, 195C, 196B and 196C. Drainage Basin 197 is divided into Drainage Basins 197A, 197B and 197C by the AT&SF project and Northern Parkway. The areas for Drainage Basins 152 and 153 have changed due to the development of Surprise Pointe. Drainage Basin 168 is divided into Drainage Basins 168A and 168B to reflect the Surprise WRF in Drainage Basin 168A.

2.2 Unit Hydrographs and Green-Amp Parameters

The unit hydrographs for Drainage Basins 153, 168A, 168B, 184A, 184B, 197A, 197B, 202A and 202B were established using the MCUHP2 program. The Phoenix Valley S-Graph was

used, in order to be consistent with White Tanks/Agua Fria ADMS (WLB, 1997) and Loop 303/White Tanks ADMPU (URS, 2005). The unit hydrographs for Drainage Basins 192B, 192C, 193B, 193C, 195B, 195C, 196B, 196C and 197C were obtained from the HEC-1 model prepared by URS for Northern Parkway. The unit hydrograph for Drainage Basin 152 was duplicated from that of Drainage Basin 155 since the two adjacent basins share the same features of surface area, slope, shape, and land use.

Drainage Basins 152, 168B, 184A, 184B, 197A, 197B, 202A and 202B inherit the Green-Ampt parameters from their original drainage basins in the Camelback CAR. For example, the Green-Ampt parameters for Drainage Basins 184A and 184B were copied from those of Drainage Basin 184 in Camelback CAR. The Green-Ampt parameters for Drainage Basins 192B, 192C, 193B, 193C, 195B, 195C, 196B, 196C and 197C were obtained from the URS's Northern Parkway HEC-1 model. The Green-Ampt parameters for Drainage Basin 153 were obtained from the HEC-1 model prepared by DEI for Surprise Pointe LOMR. The Green-Ampt parameter RTIMP (percent impervious), for Drainage Basin 168A, was estimated to be 30% per the grading and drainage plans dated June 18th, 2007, prepared by Project Engineering Consultants for the Surprise WRF.

2.2.1 Drainage Basin 153

Input to MCUHP2:

S-Graph Parameters	
Area (sq mi) =	0.31
Flow Path (mi), L =	0.70
Elevation Difference (ft) =	14
Slope (ft/mi), S =	20.0
Lca (mi) = 0.55L=	0.39
Land Use Type	Commercial
Kn =	0.03
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	0.25
Green-Ampt Parameters	
IA (in) =	0.15
DTHETA =	0
PSIF (in) =	5.76
XKSAT (in/hr) =	0.32
RTIMP (%) =	55

Note: Green-Ampt parameters from Surprise Pointe LOMR prepared by DEI

Output from MCUHP2:

```
IT   5              300
KK
KM BASIN 153
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=     .7  Lca=     .4  S=  20.0  Kn= .030  LAG=  14.9
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .31
LG  .15    .00   5.76    .32   55.00
UI  124.   382.   706.   611.   349.   134.    54.    21.     0.     0.
UI  0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
ZZ
```

2.2.2 Drainage Basin 152

Per Surprise Pointe LOMR, the area of Basin 152 reduced from 0.35 square mile to 0.25 square mile. Since Basin 152 shares the same features (surface area, slope, shape, land use type) with Basin 155 that lies immediately east of Basin 152. The unit hydrograph of Basin 155 was used for Basin 152.

```
KK  152
BA  0.25
LG  .50   .00   5.10   .43   .00
UI  15.   15.   29.   56.   72.   83.   93.   107.   122.   156.
UI  195.  177.  147.  129.  113.  98.   85.   73.   57.   39.
UI  27.   26.   23.   15.   15.   8.    5.    5.    5.    5.
UI  5.    5.    5.    0.    0.    0.    0.    0.    0.    0.
UI  0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

2.2.3 Drainage Basin 168A

Input to MCUHP2:

S-Graph Parameters	
Area (sq mi) =	0.28
Flow Path (mi), L =	0.78
Elevation Difference (ft) =	17.4
Slope (ft/mi), S =	22.3
Lca (mi) = 0.5L=	0.39
Land Use Type	WWTP
Kn =	0.03
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	0.25
Green-Ampt Parameters	
IA (in) =	0.18
DTHETA =	0.25
PSIF (in) =	5
XKSAT (in/hr) =	0.27
RTIMP (%) =	30

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 168, except RTMP=0.3, which was estimated according to the WRF plans dated 6/18/2007

Output from MCUHP2:

```
IT   5              300
KM BASIN 168A
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=     .8  Lca=     .4  S=  22.3  Kn= .030  LAG=  15.2
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .28
LG  .18   .25   5.00   .27  30.00
UI  107.  332.  609.  563.  329.  130.   58.   19.   19.    0.
UI  0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
UI  0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
ZZ
```

2.2.4 Drainage Basin 168B

Input to MCUHP2:

S-Graph Parameters	
Area (sq mi) =	0.23
Flow Path (mi), L =	0.73
Elevation Difference (ft) =	16
Slope (ft/mi), S =	21.9
Lca (mi) = 0.4L=	0.29
Land Use Type	Agriculture
Kn =	0.12
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	0.89
Green-Ampt Parameters	
IA (in) =	0.18
DTHETA =	0.25
PSIF (in) =	5
XKSAT (in/hr) =	0.27
RTIMP (%) =	12

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 168

Output from MCUHP2:

```
IT   5              300
KM BASIN 168B
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=     .7  Lca=     .3  S=  21.9  Kn= .120  LAG=  53.3
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .23
LG  .18    .25   5.00    .27   12.00
UI  15.    15.    33.    56.    70.    81.    92.   107.   128.   171.
UI 179.   145.   124.   109.    93.    80.    69.    51.    34.    26.
UI  24.    18.    15.    13.     4.     4.     4.     4.     4.     4.
UI   4.     0.     0.     0.     0.     0.     0.     0.     0.     0.
UI   0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
ZZ
```

2.2.5 Drainage Basin 184A

MCUHP2 Input Parameters

S-Graph Parameters	
Area (sq mi) =	0.28
Flow Path (mi), L =	0.73
Elevation Difference (ft) =	18
Slope (ft/mi), S =	24.7
Lca (mi) = 0.5L=	0.37
Land Use Type	Agriculture
Kn =	0.12
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	0.95
Green-Ampt Parameters	
IA (in) =	0.50
DTHETA =	0
PSIF (in) =	4.74
XKSAT (in/hr) =	0.51
RTIMP (%) =	0

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 184

Output from MCUHP2

```
IT   5              300
KM BASIN 184A
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=     .7  Lca=     .4  S=  24.7  Kn= .120  LAG=  57.1
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .28
LG  .50    .00   4.74    .51    .00
UI  16.    16.    31.    59.    76.    88.    98.   113.   129.   161.
UI 208.   192.   160.   139.   124.   106.    93.    80.    65.    44.
UI  29.    28.    26.    16.    16.    11.     5.     5.     5.     5.
UI   5.     5.     5.     5.     0.     0.     0.     0.     0.     0.
UI   0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
ZZ
```

2.2.6 Drainage Basin 184B

Input to MCUHP2:

S-Graph Parameters	
Area (sq mi) =	0.51
Flow Path (mi), L =	1.14
Elevation Difference (ft) =	21
Slope (ft/mi), S =	18.4
Lca (mi) = 0.5L=	0.57
Land Use Type	Agriculture
Kn =	0.12
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	1.41
Green-Ampt Parameters	
IA (in) =	0.50
DTHETA =	0
PSIF (in) =	4.74
XKSAT (in/hr) =	0.51
RTIMP (%) =	0

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 184

Output from MCUHP2

```
IT   5              300
KM BASIN 184B
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=    1.1  Lca=     .6  S=  18.4  Kn= .120  LAG=  84.3
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .51
LG  .50   .00   4.74   .51   .00
UI  20.   20.   20.   26.   67.   77.   93.   102.   112.   121.
UI  131.  146.  158.  180.  223.  252.  256.  220.   196.   178.
UI  165.  151.  135.  124.  112.  102.  93.   77.    59.    42.
UI  36.   35.   33.   31.   20.   20.   20.   16.    6.     6.
UI  6.    6.    6.    6.    6.    6.    6.    6.    6.     6.
UI  0.    0.    0.    0.    0.    0.    0.    0.    0.     0.
UI  0.    0.    0.    0.    0.    0.    0.    0.    0.     0.
ZZ
```

2.2.7 Drainage Basin 197A

Input to MCUHP2

S-Graph Parameters	
Area (sq mi) =	0.36
Flow Path (mi), L =	1.12
Elevation Difference (ft) =	22
Slope (ft/mi), S =	19.6
Lca (mi) = 0.6L=	0.67
Land Use Type	Agriculture
Kn =	0.12
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	1.47

Green-Ampt Parameters	
IA (in) =	0.48
DTHETA =	0.01
PSIF (in) =	4.66
XKSAT (in/hr) =	0.53
RTIMP (%) =	3

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 197

Output from MCUHP2

```
IT   5              300
KM BASIN 197A
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=    1.1  Lca=     .7  S=  19.6  Kn= .120  LAG=  88.0
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .36
LG  .48   .01   4.66   .53   3.00
UI  14.   14.   14.   14.   44.   51.   60.   66.   74.   79.
UI  85.   93.   103.  112.  131.  156.  181.  166.  144.  130.
UI  119.  111.  102.  91.   84.   76.   69.   64.   54.   42.
UI  33.   24.   24.   23.   23.   17.   14.   14.   14.   8.
UI  4.    4.    4.    4.    4.    4.    4.    4.    4.    4.
UI  4.    4.    0.    0.    0.    0.    0.    0.    0.    0.
UI  0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
ZZ
```

2.2.8 Drainage Basin 197B

Input to MCUHP2

S-Graph Parameters	
Area (sq mi) =	0.50
Flow Path (mi), L =	1.12
Elevation Difference (ft) =	16
Slope (ft/mi), S =	14.3
Lca (mi) = 0.5L=	0.56
Land Use Type	Agriculture
Kn =	0.12
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	1.46
Green-Ampt Parameters	
IA (in) =	0.48
DTHETA =	0.01
PSIF (in) =	4.66
XKSAT (in/hr) =	0.53
RTIMP (%) =	3

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 197

Output from MCUHP2

```
IT   5              300
KM BASIN 197B
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=     1.1  Lca=     .6  S=  14.3  Kn= .120  LAG=  87.3
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .50
LG  .48    .01   4.66    .53   3.00
UI  19.    19.    19.    19.    63.    71.    84.    94.   104.   111.
UI 121.   132.   145.   158.   187.   223.   255.   227.   199.   179.
UI 164.   153.   140.   126.   115.   105.    95.    87.    72.    55.
UI  41.    34.    33.    32.    32.    20.    19.    19.    19.     7.
UI   6.     6.     6.     6.     6.     6.     6.     6.     6.     6.
UI   6.     6.     0.     0.     0.     0.     0.     0.     0.     0.
UI   0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
ZZ
```

2.2.9 Drainage Basin 202A

Input to MCUHP2

S-Graph Parameters

Area (sq mi) =	0.38
Flow Path (mi), L =	0.93
Elevation Difference (ft) =	7
Slope (ft/mi), S =	7.5
Lca (mi) = 0.5L=	0.47
Land Use Type	Agriculture
Kn =	0.12
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	1.43

Green-Ampt Parameters

IA (in) =	0.50
DTHETA =	0
PSIF (in) =	4.82
XKSAT (in/hr) =	0.49
RTIMP (%) =	0

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 202

Output from MCUHP2

```
IT   5              300
KM BASIN 202A
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=     .9  Lca=     .5  S=   7.5  Kn= .120  LAG=  86.0
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .38
LG  .50    .00   4.82   .49   .00
UI  15.    15.   15.   16.   49.   56.   66.   73.   81.   86.
UI  94.   104.  113.  126.  148.  180.  195.  169.  149.  135.
UI 124.   115.  104.   94.   87.   77.   71.   62.   50.   41.
UI  26.    26.   25.   24.   20.   15.   15.   15.    9.    5.
UI   5.     5.    5.    5.    5.    5.    5.    5.    5.    5.
UI   5.     0.    0.    0.    0.    0.    0.    0.    0.    0.
UI   0.     0.    0.    0.    0.    0.    0.    0.    0.    0.
ZZ
```

2.2.10 Drainage Basin 202B

MCUHP2 Input Parameters

S-Graph Parameters	
Area (sq mi) =	0.10
Flow Path (mi), L =	0.57
Elevation Difference (ft) =	2
Slope (ft/mi), S =	3.5
Lca (mi) = 0.5L=	0.29
Land Use Type	Agriculture
Kn =	0.12
Lag (hr) = 24*Kn*(L*Lca/S ^ 0.5) ^ 0.38 =	1.14
Green-Ampt Parameters	
IA (in) =	0.50
DTHETA =	0
PSIF (in) =	4.82
XKSAT (in/hr) =	0.49
RTIMP (%) =	0

Note: Green-Ampt parameters from Camelback HEC-1 SubBasin 202

Output

```
IT   5              300
KK
KM BASIN 202B
KM  THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM  L=     .6  Lca=     .3  S=   3.5  Kn= .120  LAG=  68.7
KM  PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .10
LG  .50    .00   4.82    .49    .00
UI  5.     5.     5.    14.    19.    23.    26.    28.    31.    36.
UI  40.    48.    61.    61.    51.    45.    40.    37.    32.    29.
UI  25.    23.    18.    13.     9.     8.     8.     7.     5.     5.
UI  4.     2.     2.     2.     2.     2.     2.     2.     2.     2.
UI  2.     0.     0.     0.     0.     0.     0.     0.     0.     0.
UI  0.     0.     0.     0.     0.     0.     0.     0.     0.     0.
ZZ
```

2.2.11 Drainage Basin 192B

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 192B
KM    RUNOFF HYDROGRAPH FROM SUB-BASIN 192B (PART OF FORMER SUB-BASIN 192)
KM    NORTH OF NORTHERN PKWY
BA  .26
LG  .50   .00   4.05   .72   .00
UI  15.   15.   29.   56.   72.   83.   93.   107.   122.   154.
UI 195.  178.  148.  130.  114.   98.   85.   74.   58.   40.
UI  27.   26.   23.   15.   15.    9.    5.    5.    5.    5.
UI   5.    5.    5.    0.    0.    0.    0.    0.    0.    0.
UI   0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

2.2.12 Drainage Basin 192C

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 192C
KM    RUNOFF HYDROGRAPH FROM SUB-BASIN 192C (FORMERLY SUB-BASIN 192)
KM    SOUTH OF NORTHERN PKWY
BA  .26
LG  .50   .00   4.05   .72   .00
UI  14.   14.   20.   49.   60.   71.   80.   89.   102.   117.
UI 151.  180.  156.  132.  117.  104.   90.   80.   69.   58.
UI  43.   27.   24.   23.   18.   14.   14.    7.    4.    4.
UI   4.    4.    4.    4.    4.    4.    0.    0.    0.    0.
UI   0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

2.2.13 Drainage Basin 193B

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 193B
KM    RUNOFF HYDROGRAPH FROM SUB-BASIN 193B (N. HALF OF FORMER SUB-BASIN 193)
KM    NORTH OF NORTHERN PKWY
BA  .46
LG  .50   .00   4.66   .53   .00
UI  18.   18.   18.   23.   61.   70.   84.   93.   101.   109.
UI 119.  132.  143.  162.  201.  228.  234.  201.  178.   163.
UI 150.  138.  124.  113.  102.   93.   86.   71.   53.   40.
UI  33.   32.   30.   30.   18.   18.   18.   16.    6.    6.
UI   6.    6.    6.    6.    6.    6.    6.    6.    6.    6.
UI   0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
UI   0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

2.2.14 Drainage Basin 193C

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 193C
KM RUNOFF HYDROGRAPH FROM SUB-BASIN 193C (S. HALF OF FORMER SUB-BASIN 193)
BA .47
LG .50   .00  4.66   .53   .00
UI 18.   18.   18.   19.   60.   68.   81.   89.   99.  105.
UI 115.  126.  138.  153.  180.  218.  239.  207.  182.  165.
UI 152.  141.  127.  115.  107.   95.   87.   77.   62.   51.
UI 32.   32.   30.   30.   25.   18.   18.   18.   13.    6.
UI 6.    6.    6.    6.    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.
```

2.2.15 Drainage Basin 195B

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 195B
KM RUNOFF HYDROGRAPH FOR SUB-BASIN 195B (PART OF FORMER SUB-BASIN 195)
KM THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM L=     .9 Lca=     .5  S=  15.6 Kn= .120  LAG=  74.2
KM PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA .26
LG .50   .00  4.82   .49   .00
UI 12.   12.   12.   27.   42.   51.   58.   64.   70.   78.
UI 87.   97.  118.  145.  148.  125.  110.   99.   91.   81.
UI 73.   65.   58.   51.   40.   31.   21.   20.   19.   17.
UI 12.   12.   12.    5.    4.    4.    4.    4.    4.    4.
UI 4.    4.    4.    4.    0.    0.    0.    0.    0.    0.
UI 0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

2.2.16 Drainage Basin 195C

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 195C
KM   RUNOFF HYDROGRAPH FROM SUB-BASIN 195C (PART OF FORMER SUB-BASIN 195)
KM   THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM   L=    1.2 Lca=     .6  S=  15.6 Kn= .120 LAG= 90.1
KM   PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .26
LG  .50   .00  4.82   .49   .00
UI  10.   10.   10.   10.   30.   37.   43.   48.   53.   58.
UI  62.   67.   74.   79.   91.  111.  124.  130.  112.  100.
UI  91.   84.   79.   71.   65.   60.   54.   49.   45.   37.
UI  29.   21.   18.   17.   17.   17.   11.   10.   10.   10.
UI   5.    3.    3.    3.    3.    3.    3.    3.    3.    3.
UI   3.    3.    3.    0.    0.    0.    0.    0.    0.    0.
UI   0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

2.2.17 Drainage Basin 196B

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 196B
KM RUNOFF HYDROGRAPH FOR SUB-BASIN 196B (N. HALF OF FORMER SUB-BASIN 196)
KM THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM L=     .9 Lca=     .5  S=  22.3 Kn= .111 LAG= 63.9
KM PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASI
BA  .28
LG  .46   .03  4.58   .53  2.00
UI  13.   13.   15.   45.   55.   65.   74.   82.   93.  104.
UI 126.  161.  167.  138.  121.  108.   96.   84.   74.   65.
UI  55.   40.   26.   23.   22.   19.   13.   13.    9.    4.
UI   4.    4.    4.    4.    4.    4.    4.    4.    0.    0.
UI   0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

2.2.18 Drainage Basin 196C

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 196C
KMRUNOFF HYDROGRAPH FROM SUB-BASIN 196 (S. HALF OF FORMER SUB-BASIN 196)
BA  .28
LG  .46   .03   4.58   .53   2.00
UI  13.   13.   13.   21.   43.   51.   60.   66.   72.   78.
UI  86.   95.   105.  126.  154.  164.  140.  123.  112.  103.
UI  94.   83.   76.   69.   62.   55.   44.   35.   22.   22.
UI  21.   21.   15.   13.   13.   12.   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.
```

2.2.19 Drainage Basin 197C

The unit hydrograph and Green-Ampt are from Northern Parkway HEC-1.

```
KK 197C
KM RUNOFF HYDROGRAPH FROM SUB-BASIN 197C (PART OF FORMER SUB-BASIN 197)
KM THE FOLLOWING PARAMETERS WERE PROVIDED FOR THIS BASIN
KM L=    1.2 Lca=    .6  S=  16.9 Kn= .120 LAG= 88.8
KM PHOENIX VALLEY S-GRAPH WAS USED FOR THIS BASIN
BA  .14
LG  .50   .00   4.66   .53   .00
UI  8.    8.    8.    8.    26.   31.   36.   40.   45.   48.
UI  51.   56.   62.   67.   78.   94.   108.  103.  90.   80.
UI  74.   68.   63.   57.   52.   48.   43.   40.   34.   27.
UI  22.   15.   15.   14.   14.   12.   8.    8.    8.    7.
UI  3.    3.    3.    3.    3.    3.    3.    3.    3.    3.
UI  3.    3.    3.    0.    0.    0.    0.    0.    0.    0.
UI  0.    0.    0.    0.    0.    0.    0.    0.    0.    0.
```

3 Normal Depth Routing

Normal depth routing was used to route hydrographs through the AT&SF Recommended Altnernative channel. The average velocity for each channel reach, which was used to estimate the numbers of routing steps (NSTPS) for each channel reach, was calculated using FlowMaster.

Normal depth routing along Northern Parkway was obtained from the URS HEC-1 model. Revisions were made to remove the 4-acre detention basin at Litchfield Road and Northern Parkway and to route the flow (CP196B) east towards the proposed 10-acre Royal Palm detention basin.

3.1 RRR2: Routing through ATSF Channel from Sweetwater Ave to Cactus Rd

Distance = 2595 feet
Channel geometry (bottom width of 40 ft, side slope of 2:1):

RX	0	10	20	36	76	92	100	110
RY	1140	1140	1140	1136	1136	1140	1140	1140

Channel slope = 0.0015 ft/ft
Mannings' n value = 0.035
Velocity (uniform flow and a discharge of 441 cfs) = 2.94 fps
NSTPS = (2595/2.94)/(5*60)= 3

3.2 RRR3: Routing through ATSF Channel from Cactus Rd to Varney Rd

Distance = 1983 feet
Channel geometry (Bottom width of 15 ft, side slope of 2:1)

RX	0	10	20	28	43	51	60	70
RY	1130	1130	1130	1126	1126	1130	1130	1130

Channel slope = 0.0013 ft/ft
Manning's n value = 0.013
Velocity (uniform flow and a discharge of 441 cfs) = 7 fps
NSTPS = (1983/7)/(5*60)= 1

3.3 R151: Routing from Drainage Basin 151 through Surprise WRF to ATSF Channel

In the Camelback CAR HEC-1, it was routed as sheet flow:

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

However, this off-site flow may be collected by a proposed swale along the trail on Cactus Road or by the existing swale in Surprise WRF and be conveyed to the AT&SF channel:

Distance = half of its original = 5928/2 =2964 feet
Channel geometry (A ditch in the WRF, bottom width of 4 ft, side slope of 4:1, slope of 0.0071 ft/ft)
RX 0 10 20 32 36 48 50 60
RY 1135 1135 1135 1132 1132 1135 1135 1135
Channel slope = 0.0071 ft/ft
Manning's n value = 0.025
Velocity (uniform flow and a discharge of 400 cfs) = 5.73 fps
NSTPS = (2964/5.73)/(5*60)= 2

3.4 RRRW: Routing through ATSF Channel from Varney Rd to Peoria Ave

A combination of rectangular concrete channel and box culvert will be applied at this section to convey flows. A rectangular channel was used for routing.

Distance = 3185 feet
Channel geometry (Bottom width of 15 ft, rectangular channel)
RX 0 10 20 20.1 34.9 35 40 50
RY 1130 1130 1130 1126 1126 1130 1130 1130
Channel slope = 0.0033 ft/ft
Manning's n value = 0.013
Velocity (uniform flow and a discharge of 414 cfs) = 10.3 fps
NSTPS = (3185/10.3)/(5*60)= 1

3.5 RRR4: Routing through ATSF Channel from Peoria Ave to Cheryl Basin

Distance = 950 feet
Channel geometry (Bottom width of 50 ft, side slope of 4:1)
RX 0 10 20 36 86 102 110 120
RY 1114 1114 1114 1110 1110 1114 1114 1114
Channel slope = 0.0015 ft/ft
Manning's n value = 0.035
Velocity (uniform flow and a discharge of 583 cfs) = 3.06 fps
NSTPS = (950/3.06)/(5*60)= 1

3.6 RRR5: Routing through ATSF Channel from Cheryl Basin to Olive Ave

Distance = 2580 feet
Channel geometry (Bottom width of 50 ft, side slope of 4:1)
RX 0 10 20 36 86 102 110 120
RY 1114 1114 1114 1110 1110 1114 1114 1114
Channel slope = 0.0015 ft/ft
Manning's n value = 0.035
Velocity (uniform flow and a discharge of 544 cfs) = 3 fps
NSTPS = (2580/3)/(5*60)= 3

3.7 RRR6: Routing through ATSF Channel from Olive Ave to Royal Palm Basin

Distance = 4000 feet
Channel geometry (Bottom width of 50 ft, side slope of 4:1)

RX	0	10	20	36	86	102	110	120
RY	1114	1114	1114	1110	1110	1114	1114	1114

Channel slope = 0.0015 ft/ft
Manning's n value = 0.035
Velocity (uniform flow and a discharge of 544 cfs) = 3 fps
NSTPS = (4000/3)/(5*60)= 5

3.8 RRR7: Routing through ATSF Channel on South Side of Northern Parkway

Distance = 1500 feet
Channel geometry (Bottom width of 15 ft, side slope of 2:1)

RX	0	10	20	28	43	51	60	70
RY	1080	1080	1080	1076	1076	1080	1080	1080

Channel slope = 0.0013 ft/ft
Manning's n value = 0.013
Velocity (uniform flow and a discharge of 505 cfs) = 7.3 fps
NSTPS = (1500/7.3)/(5*60)= 1

3.9 RRR8: Routing through ATSF Channel from Northern Parkway to Dysart Drain

Distance = 2300 feet
Channel geometry (Bottom width of 15 ft, side slope of 2:1)

RX	0	10	20	28	43	51	60	70
RY	1080	1080	1080	1076	1076	1080	1080	1080

Channel slope = 0.0013 ft/ft
Manning's n value = 0.013
Velocity (uniform flow and a discharge of 670 cfs) = 7.9 fps
NSTPS = (2300/7.9)/(5*60)= 1

3.10 R181: Routing through ATSF Channel from Litchfield Road to Cheryl Basin

Distance = 900 feet
Channel geometry (Bottom width of 30 ft, side slope of 4:1)

RX	0	10	20	36	66	82	90	100
RY	1110	1110	1110	1106	1106	1110	1110	1110

Channel slope = 0.0015 ft/ft
Manning's n value = 0.035
Velocity (uniform flow and a discharge of 363 cfs) = 2.9 fps
NSTPS = (900/2.9)/(5*60)= 1

3.11 R181: Routing through ATSF Secondary Channel from Olive Ave to Northern PKWY

Distance = 2800 feet
Channel geometry (Bottom width of 15 ft)

RX	0	10	19	20	35	36	40	50
RY	1104	1104	1104	1100	1100	1104	1104	1104

Channel slope = 0.0040 ft/ft
Manning's n value = 0.013
Velocity (uniform flow and a discharge of 383 cfs) = 10.7 fps
NSTPS = (2800/10.7)/(5*60)= 1

3.12 R195B: Routing through ATSF Channel from Northern PKWY to Dysart Drain

Distance = 2300 feet
Channel geometry (Bottom width of 15 ft, side slope 2:1)

RX	0	10	20	28	43	51	60	70
RY	1100	1100	1100	1096	1096	1100	1100	1100

Channel slope = 0.0040 ft/ft
Manning's n value = 0.013
Velocity (uniform flow and a discharge of 516 cfs) = 10.9 fps
NSTPS = (2300/10.9)/(5*60)= 1

4. Detention Basins

Two on-line detention basins, Cheryl and Royal Palm Basins (SRRR5 and SRRR7), are laid out to attenuate peak flows in the AT&SF channel and to reduce the project's impact on Dysart Drain. Outlet structures were designed to achieve this purpose. The outlet control structures for both basins are composed of a 36-inch pipe and a 30-foot weir. For the 40-acre Cheryl Basin, the weir was designed 5-feet above the invert of the 36-inch pipe and the over-weir flow is directed to flow through a 10' X 8' pedestrian box culvert under the AT&SF railroad. For the 10-acre Royal Palm Basin, the weir was designed 4-foot above the invert of the 36-inch pipe and the over-weir flow together with the flow metered by the pipe are directed to flow through a 10' X 6' box culvert under Northern Parkway. The hydrographs indicate that two basins and their outlet structures greatly reduce the contribution of the AT&SF project to the peak flow in Dysart Drain. At the outlet structure of the Royal Palm Basin (SRRR7), a flow of less than 90 cfs is released downstream and contributes to the peak flow of 1297

cfs at Dysart Drain (!C202A). The rating curves of the outlet structures and the storage-stage curves of the basins are provided in the CAR.

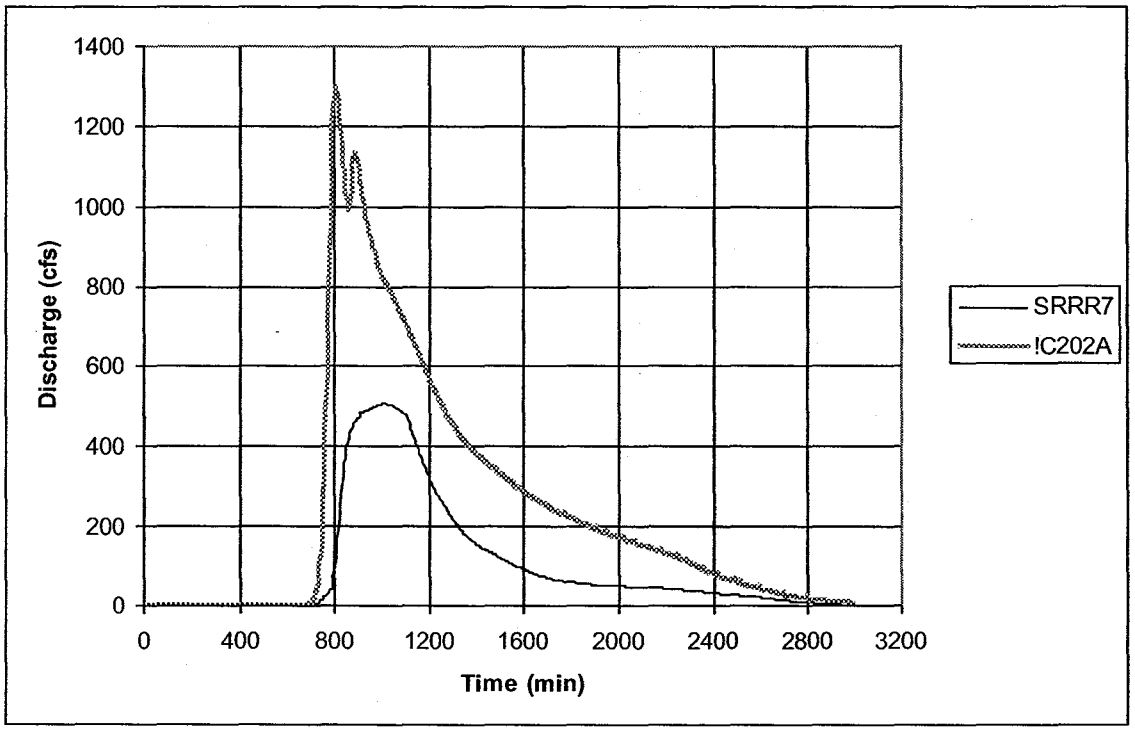


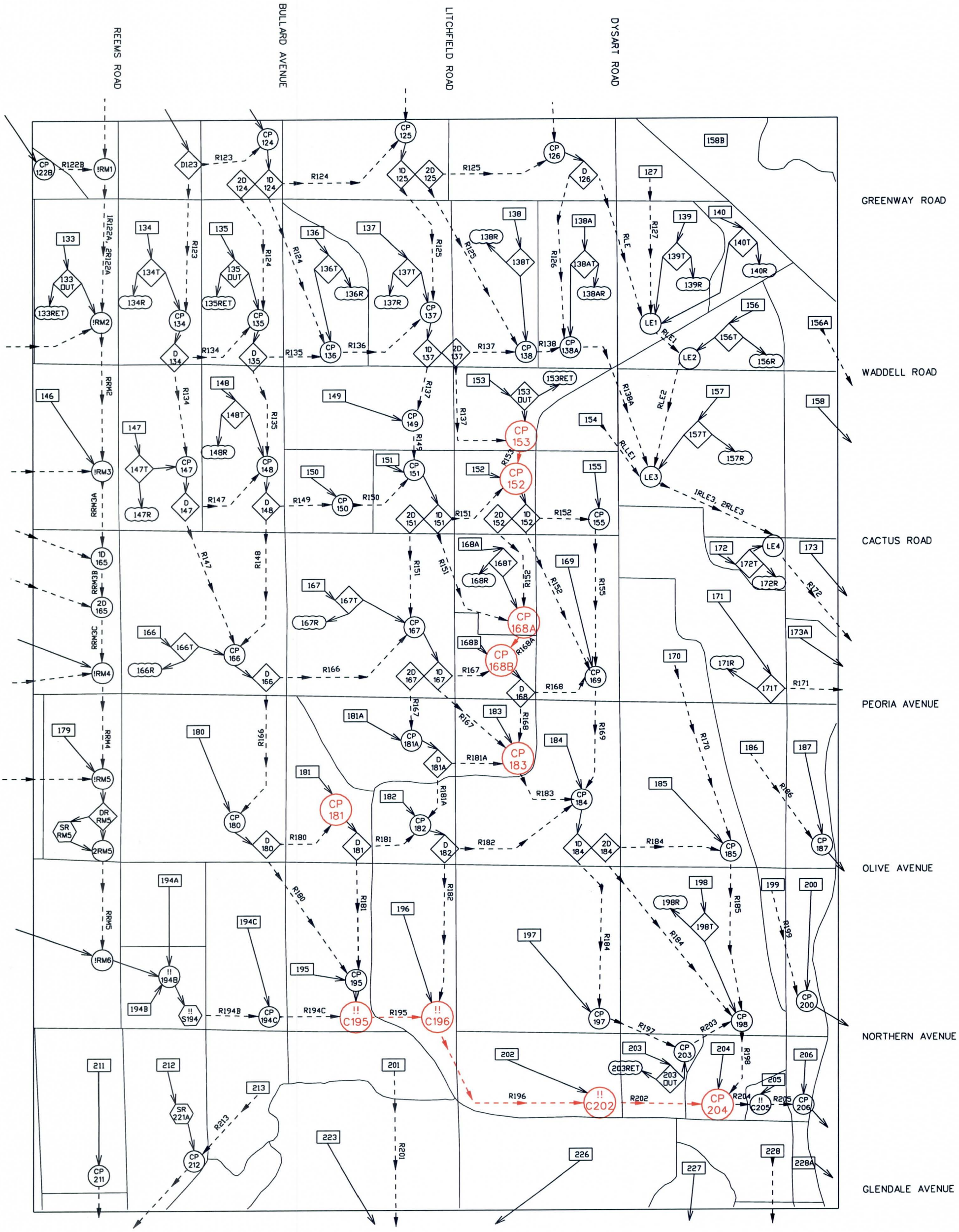
Figure – Hydrograph at the Royal Palm Basin Outlet Structure (SRRR7) vs. Hydrograph at Dysart Drain (!C202A).

A flow of 88 cfs is released from Royal Palm Basin at 800 minutes and routed through a concrete trapezoidal channel (RRR7) with a travel time of 10 minutes to contribute to the peak flow of 1297 cfs at 810 minutes in Dysart Drain.

APPENDIX B – EXISTING CONDITIONS HEC-1

HEC-1 Schematic Diagram

HEC-1 Output



EXISTING CONDITION WITHOUT ATSF

```
1****************************************                    ****************************************
 *                                      *                    *                                      *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                    *   U.S. ARMY CORPS OF ENGINEERS       *
 *              JUN   1998              *                    *   HYDROLOGIC ENGINEERING CENTER      *
 *           VERSION 4.1                *                    *         609 SECOND STREET            *
 *                                      *                    *      DAVIS, CALIFORNIA 95616         *
 *  RUN DATE   03OCT08  TIME  12:35:24  *                    *          (916) 756-1104              *
 *                                      *                    *                                      *
 ****************************************                    ****************************************
```

EXISTING CONDITIONS 1 HEC-1
Note: Please refer to the Word doc and pdf output files on the included CD for the complete input and output.

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

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW. THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE. THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY, DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                                    HEC-1 INPUT
PAGE  1

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

             1          ID   EXISTING CONDITION WITHOUT ATSF CHANNEL BUT WITH OTHER PROJECTS
             2          ID   (LOOP 303 CHANNEL, REEMS ROAD CHANNEL, ETC.) IN PLACE
             3          ID   MODIFIED BY HOSKIN RYAN CONSULTANTS ON 09/26/08
             4          ID   MODIFICATION:
             5          ID   (1) SUPRISE POINTE DEVELOPMENT WAS REFLECTED
             6          ID   (2) PROPOSED ATSF CHANNEL WAS REMOVED
             7          ID   (3) UPDATE SURPRISE WWTP DEVELOPMENT
             8          ID
             9          ID  ***********************************************************************
            10          ID      ASPEN CONSULTING ENGINEERS, JCS, xx-xx-08, FILE: 303EWP.DAT, 100-YR 24-HR
            11          ID      NOTES:
            12          ID      UPDATE LG CARD AND DEVELOPMENT RETENTION DIVERSIONS FOR EACH SUBBASIN.
            13          ID      CHANGE MODEL TO REFLECT THE NEW SUNCOR CHANNEL SOUTH OF CAMELBACK RD.
            14          ID      BETWEEN STATE ROUTE 303 AND BULLARD WASH.  KK RECORD CHANGED ARE R237,
            15          ID      AND R238.
                        * ***********************************************************************
                        * *  THE FOLLOWING IS THE MODEL RECIEVED BY ASPEN FROM FCDMC ON 06/08/07
                        * ***********************************************************************
            16          ID         DRAFT PREFERRED ALTERNATIVE LEVEL III
            17          ID
            18          ID         INCORPORATE ALTERNATIVE #3 FROM CHANGE ORDER #14 INTO
            19          ID         SR 303L OFFSITE FLOOD CONTROL FACILITY - NORTHERN AND CACTUS
            20          ID         BASINS ARE NOW OFFLINE WITH MULTIPLE BASINS LOCATED WITHIN
            21          ID         LUKE AIR FORCE BASE CRASH ZONE AREA
            22          ID
            23          ID         **ADOT BASIN GEOMETRY REPRESENTS MOST RECENT 2' CONTOURS**
            24          ID         WHITE TANKS AREA DRAINAGE MASTER STUDY *UPDATE*
            25          ID         Original MODEL BY THE WLB Group for FCDMC AS PART OF THE WHITE
            26          ID         TANKS/AGUA FRIA ADMS, Date: October 1991
            27          ID
            28          ID         REVISED HYDROLOGY HEC-1 RUN FOR WHITE TANKS ADMS
            29          ID         100-YEAR, 24-HOUR STORM                  original file: WTADMS.24
            30          ID
            31          ID                                       REVISED BY URS     DATE: 01-14-04
            32          ID                                                          FILE: L33PE4H.DAT
            33          ID
            34          ID        NOTES:
            35          ID        1. THIS HEC-1 MODEL CONTAINS THE FOLLOWING SUPER BASINS: WHITE TANKS 3,
```

```
 36          ID          2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2 & 3, 4 THRU 26.
 37          ID       2. REVISED TO REFLECT UPDATED SOILS MAPS AND NEW DEVELOPMENT.
 38          ID       3. AVERAGE XKSAT VALUES FOR EACH SUBBASIN WAS RECEIVED FROM FCDMC
 39          ID          GIS DATA AND THEN ADJUSTED FOR VEGETATION, OR LEFT AS ORIGINALLY IN
 40          ID          THE WLB MODEL.
 41          ID       4. FOR NEW DEVELOPMENTS ONLY 80% OF REPORTED PROVIDED RETENTION
 42          ID          WAS INCLUDED IN THIS MODEL (AS A CONSERVATIVE ESTIMATE). RETENTION
 43          ID          CAPACITIES WERE ESTIMATED BY EEC FOR DEVELOPMENTS WITH NO
 44          ID          DRAINAGE REPORTS.
 45          ID       5. REVISED DRAINAGE BOUNDARIES BASED UPON FIELD INSPECTION OF SUN CITY.
 46          ID          GRAND.  COMBINED SEVERAL BASINS TOGETHER TO MAKE NEW BASINS 114 &115.
 47          ID          ALSO REROUTED SUBBASINS 100A, 101, 102A AND 106 TO THE SOUTH TO 113A.
 48          ID       6. CHANNEL ROUTE ALONG REEMS ROAD UPDATED TO REFLECT NEW CONSTRUCTION.
 49          ID       7. REVISED SCS TYPE II RAINFALL DISTRIBUTION FOR THE 24-HOUR GENERAL
 50          ID          STORM.
 51          ID       8. REVISED RAINFALL DEPTH-AREA REDUCTION FACTORS.
 52          ID       9. PSIF WERE ADJUSTED BASED ON THE VALUES OF XKSAT AND WERE EDITED INTO
1                                                HEC-1 INPUT
PAGE  2

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

 53          ID          THE DATA FILE BY THE FCDMC.
 54          ID      10. AVERAGE XKSAT VALUES FOR SUBBASINS WITH BORROW PITS (WHITE TANKS
 55          ID          AREAS #3 & #4) WERE ESTIMATED BY EEC.
 56          ID
             *DIAGRAM
 57          IT       5                    600
 58          IO       5
 59          IN      15
 60          JD    4.03    .001
 61          PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 62          PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 63          PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 64          PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 65          PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 66          PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
 67          PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 68          PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 69          PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 70          PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
 71          JD    3.79      10
 72          JD    3.51      50
 73          JD    3.39     100
 74          JD    3.29     200
```

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

MAXIMUM MAX STAGE +	TIME OF OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	STAGE
+	HYDROGRAPH AT	1	1573.	12.50	222.	61.	30.	1.94	
+	ROUTED TO	RCP1	1386.	12.83	222.	61.	30.	1.94	
+	HYDROGRAPH AT	2	1339.	12.75	237.	66.	32.	1.82	
+	2 COMBINED AT	CP2	2657.	12.75	456.	126.	61.	3.76	
+	ROUTED TO	RCP2	2458.	12.92	455.	126.	61.	3.76	
+	HYDROGRAPH AT	!BC1	313.	12.33	31.	8.	4.	.29	
+	ROUTED TO	RBC1	234.	12.58	31.	8.	4.	.29	
+	HYDROGRAPH AT	3	863.	12.33	89.	22.	11.	.81	

+	2 COMBINED AT	I1CP3	1009.	12.42	119.	30.	14.	1.10
+	2 COMBINED AT	!BC2	2665.	12.92	571.	155.	75.	4.86
+	DIVERSION TO	DI189	0.	.00	0.	0.	0.	4.86
+	HYDROGRAPH AT	D3	2665.	12.92	571.	155.	75.	4.86
+	ROUTED TO	RBC2	2468.	13.17	569.	155.	75.	4.86
+	HYDROGRAPH AT	4	396.	12.25	36.	10.	5.	.30
+	HYDROGRAPH AT	5	927.	12.25	86.	23.	11.	.72
+	2 COMBINED AT	CP5	1315.	12.25	121.	33.	16.	1.02
+	ROUTED TO	RCP5	1312.	12.25	121.	33.	16.	1.02
+	HYDROGRAPH AT	6	746.	12.08	52.	14.	7.	.45
+	2 COMBINED AT	CP6	1854.	12.17	172.	47.	23.	1.47
+	ROUTED TO	RCP6	1784.	12.17	172.	47.	23.	1.47
+	HYDROGRAPH AT	7	494.	12.08	36.	10.	5.	.31
+	2 COMBINED AT	CP7	2245.	12.17	206.	57.	27.	1.78
+	ROUTED TO	RCP7	1947.	12.33	206.	57.	27.	1.78
+	HYDROGRAPH AT	9	1402.	12.33	161.	44.	21.	1.40
+	2 COMBINED AT	I1CP9	3324.	12.33	364.	100.	48.	3.18
+	HYDROGRAPH AT	8	890.	12.33	93.	26.	12.	.81
+	2 COMBINED AT	CP9	4190.	12.33	455.	125.	60.	3.99
+	ROUTED TO	RCP9	3543.	12.75	454.	125.	60.	3.99
+	HYDROGRAPH AT	10	1357.	12.75	237.	62.	30.	2.02
+	DIVERSION TO	10RET	325.	12.08	18.	5.	2.	2.02
+	HYDROGRAPH AT	10OUT	1357.	12.75	224.	57.	27.	2.02
+	2 COMBINED AT	I1CP10	4868.	12.75	672.	180.	87.	6.01
+	2 COMBINED AT	!BC3	6322.	12.83	1225.	331.	159.	10.87
+	DIVERSION TO	1DI188	0.	.00	0.	0.	0.	10.87

+	HYDROGRAPH AT	1D10	6322.	12.83	1225.	331.	159.	10.87
+	DIVERSION TO	2DI188	0.	.00	0.	0.	0.	10.87
+	HYDROGRAPH AT	2D10	6322.	12.83	1225.	331.	159.	10.87
+	ROUTED TO	RBC3	6121.	12.92	1222.	331.	159.	10.87
+	HYDROGRAPH AT	12	1214.	12.50	167.	43.	21.	1.38
+	2 COMBINED AT	!BC4	6592.	12.92	1368.	369.	178.	12.25
+	ROUTED TO	RBC4	6424.	13.00	1366.	369.	178.	12.25
+	HYDROGRAPH AT	WT3	383.	12.50	50.	13.	6.	.44
+	2 COMBINED AT	!BC5	6521.	13.00	1409.	380.	183.	12.69
+	HYDROGRAPH AT	11	1559.	12.42	202.	54.	26.	1.56
+	ROUTED TO	RCP11	1268.	12.75	201.	54.	26.	1.56
+	HYDROGRAPH AT	13	1223.	12.42	145.	36.	17.	1.30
+	2 COMBINED AT	CP13	2062.	12.58	344.	89.	43.	2.86
+	ROUTED TO	RCP13	2035.	12.67	344.	89.	43.	2.86
+	HYDROGRAPH AT	14	1548.	12.33	173.	47.	23.	1.47
+	ROUTED TO	RCP14	1392.	12.58	173.	47.	23.	1.47
+	HYDROGRAPH AT	15	1272.	12.42	149.	40.	19.	1.26
+	2 COMBINED AT	I1CP15	2485.	12.50	319.	86.	42.	2.73
+	HYDROGRAPH AT	16	1206.	12.42	149.	41.	20.	1.13
+	ROUTED TO	SR16	0.	.00	0.	0.	0.	1.13
+	2 COMBINED AT	CP15	2485.	12.50	319.	86.	42.	3.90
+	ROUTED TO	RCP15	2108.	12.75	318.	86.	41.	3.90
+	HYDROGRAPH AT	17	1036.	12.33	108.	27.	13.	1.07
+	2 COMBINED AT	I1CP17	2480.	12.67	423.	112.	54.	4.97
+	2 COMBINED AT	CP17	4474.	12.67	761.	200.	96.	7.83
+	ROUTED TO	RCP17	4407.	12.75	761.	200.	96.	7.83
+	2 COMBINED AT	!!WT3	9838.	12.92	2073.	554.	267.	20.52

	ROUTED TO						
+		SRWT3	0.	.00	0.	0.	0.	20.52
	HYDROGRAPH AT						
+		116	872.	12.33	111.	33.	16.	.66
	DIVERSION TO						
+		116RET	872.	12.33	93.	25.	12.	.66
	HYDROGRAPH AT						
+		116OUT	233.	12.67	27.	8.	4.	.66
	ROUTED TO						
+		R116	110.	13.17	26.	8.	4.	.66
	HYDROGRAPH AT						
+		117	920.	12.58	158.	47.	23.	.92
	DIVERSION TO						
+		117RET	920.	12.58	130.	35.	17.	.92
	HYDROGRAPH AT						
+		117OUT	364.	13.08	41.	12.	6.	.92
	2 COMBINED AT						
+		CP117	454.	13.08	65.	20.	10.	1.65
	ROUTED TO						
+		R117	248.	13.67	62.	20.	10.	1.65
	HYDROGRAPH AT						
+		123	322.	13.00	79.	23.	11.	.44
	DIVERSION TO						
+		123R	306.	12.92	43.	12.	6.	.44
	HYDROGRAPH AT						
+		123T	287.	13.17	43.	12.	6.	.44
	DIVERSION TO						
+		DI134	0.	.00	0.	0.	0.	.44
	HYDROGRAPH AT						
+		D123	287.	13.17	43.	12.	6.	.44
	ROUTED TO						
+		R123	209.	13.67	42.	12.	6.	.44
	HYDROGRAPH AT						
+		124	302.	13.33	85.	23.	11.	.57
	DIVERSION TO						
+		124R	262.	13.17	37.	10.	5.	.57
	HYDROGRAPH AT						
+		124OUT	297.	13.42	52.	14.	7.	.57
	2 COMBINED AT						
+		CP124	446.	13.58	92.	25.	12.	1.65
	DIVERSION TO						
+		DI136	222.	13.58	49.	13.	6.	1.65
	HYDROGRAPH AT						
+		1D124	224.	13.58	43.	11.	5.	1.65
	DIVERSION TO						
+		DI135	81.	13.58	10.	3.	1.	1.65
	HYDROGRAPH AT						
+		2D124	143.	13.58	32.	9.	4.	1.65
	ROUTED TO						
+		R124	123.	14.17	32.	9.	4.	1.65
	HYDROGRAPH AT						
+		125	1017.	12.50	146.	41.	20.	1.00
	DIVERSION TO						
+		125R	123.	11.83	14.	5.	2.	1.00

	HYDROGRAPH AT							
+		125T	1017.	12.50	139.	36.	17.	1.00
	2 COMBINED AT							
+		1I125	1010.	12.50	169.	45.	21.	2.01
	2 COMBINED AT							
+		CP125	1004.	12.50	223.	64.	31.	3.66
	DIVERSION TO							
+		DI137	334.	12.50	74.	21.	10.	3.66
	HYDROGRAPH AT							
+		1D125	670.	12.50	148.	42.	20.	3.66
	DIVERSION TO							
+		DI138	334.	12.50	74.	21.	10.	3.66
	HYDROGRAPH AT							
+		2D125	335.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	273.	12.83	73.	21.	10.	3.66
	HYDROGRAPH AT							
+		118	326.	12.08	42.	14.	7.	.16
	DIVERSION TO							
+		118RET	321.	12.08	25.	7.	4.	.16
	HYDROGRAPH AT							
+		118OUT	253.	12.17	23.	7.	3.	.16
	ROUTED TO							
+		R118	72.	13.83	21.	7.	3.	.16
	HYDROGRAPH AT							
+		126	1100.	12.50	185.	58.	28.	.95
	DIVERSION TO							
+		126R	1100.	12.50	141.	39.	19.	.95
	HYDROGRAPH AT							
+		126T	576.	12.83	65.	19.	9.	.95
	2 COMBINED AT							
+		1I126	575.	12.83	84.	26.	12.	1.11
	2 COMBINED AT							
+		CP126	840.	12.83	151.	46.	22.	4.75
	DIVERSION TO							
+		DI139	840.	12.83	151.	46.	22.	4.75
	HYDROGRAPH AT							
+		D126	0.	.00	0.	0.	0.	4.75
	ROUTED TO							
+		R126	0.	.00	0.	0.	0.	4.75
	HYDROGRAPH AT							
+		100A	165.	12.50	24.	7.	3.	.18
	DIVERSION TO							
+		100AR	90.	12.17	5.	1.	1.	.18
	HYDROGRAPH AT							
+		100AT	165.	12.50	20.	5.	2.	.18
	ROUTED TO							
+		R100A	130.	13.17	20.	5.	2.	.18
	HYDROGRAPH AT							
+		102A	565.	12.50	96.	29.	14.	.51
	DIVERSION TO							
+		102AR	565.	12.50	78.	21.	10.	.51
	HYDROGRAPH AT							
+		102AT	213.	13.00	28.	8.	4.	.51

+	2 COMBINED AT	1I102A	318.	13.00	47.	13.	6.	.69
+	HYDROGRAPH AT	101	241.	12.25	30.	9.	4.	.16
+	DIVERSION TO	101R	241.	12.25	30.	9.	4.	.16
+	HYDROGRAPH AT	101T	0.	.00	0.	0.	0.	.16
+	ROUTED TO	R101	0.	.00	0.	0.	0.	.16
+	2 COMBINED AT	CP102A	318.	13.00	47.	13.	6.	.75
+	DIVERSION TO	102ART	318.	13.00	47.	13.	6.	.75
+	HYDROGRAPH AT	102AOT	0.	26.50	0.	0.	0.	.75
+	ROUTED TO	R102A	0.	28.00	0.	0.	0.	.75
+	HYDROGRAPH AT	106	808.	12.50	136.	41.	20.	.77
+	DIVERSION TO	106R	808.	12.50	103.	28.	13.	.77
+	HYDROGRAPH AT	106T	410.	12.92	46.	13.	6.	.77
+	2 COMBINED AT	CP106	407.	12.92	45.	13.	6.	1.70
+	DIVERSION TO	DLP0	407.	12.92	45.	13.	6.	1.70
+	HYDROGRAPH AT	DI113A	0.	.00	0.	0.	0.	1.70
+	ROUTED TO	R106	0.	.00	0.	0.	0.	1.70
+	HYDROGRAPH AT	105	334.	12.25	38.	11.	5.	.21
+	ROUTED TO	R105	296.	12.42	38.	11.	5.	.21
+	HYDROGRAPH AT	112	846.	12.25	99.	29.	14.	.63
+	DIVERSION TO	112RET	846.	12.25	83.	22.	11.	.63
+	HYDROGRAPH AT	112OUT	241.	12.67	23.	7.	3.	.63
+	2 COMBINED AT	CP112	412.	12.67	58.	18.	9.	.82
+	DIVERSION TO	DI120	137.	12.67	19.	6.	3.	.82
+	HYDROGRAPH AT	1D112	275.	12.67	39.	12.	6.	.82
+	DIVERSION TO	1D121A	137.	12.67	19.	6.	3.	.82
+	HYDROGRAPH AT	2D112	138.	12.67	19.	6.	3.	.82
+	ROUTED TO	R112	91.	13.17	19.	6.	3.	.82

+	HYDROGRAPH AT	113A	772.	12.25	92.	27.	13.	.50
+	DIVERSION TO	113AR	772.	12.25	77.	21.	10.	.50
+	HYDROGRAPH AT	113AT	197.	12.58	22.	7.	3.	.50
+	HYDROGRAPH AT	DR113A	407.	12.92	45.	13.	6.	1.70
+	3 COMBINED AT	!LP0	519.	12.92	83.	25.	12.	3.04
+	DIVERSION TO	2D121A	519.	12.92	83.	25.	12.	3.04
+	HYDROGRAPH AT	D113A	0.	.00	0.	0.	0.	3.04
+	ROUTED TO	R113A	0.	.00	0.	0.	0.	3.04
+	HYDROGRAPH AT	114	2117.	12.75	423.	125.	60.	2.47
+	DIVERSION TO	114RET	2117.	12.75	365.	97.	47.	2.47
+	HYDROGRAPH AT	114OUT	600.	13.42	92.	28.	13.	2.47
+	3 COMBINED AT	CP114	586.	13.42	88.	27.	13.	5.26
+	DIVERSION TO	DI122B	369.	13.42	27.	7.	3.	5.26
+	HYDROGRAPH AT	D114	217.	13.42	61.	20.	10.	5.26
+	ROUTED TO	R114	160.	14.00	60.	20.	10.	5.26
+	HYDROGRAPH AT	115	2122.	12.67	408.	121.	58.	2.40
+	DIVERSION TO	115RET	2122.	12.67	369.	99.	47.	2.40
+	HYDROGRAPH AT	115OUT	376.	13.58	71.	23.	11.	2.40
+	2 COMBINED AT	CP115	381.	13.58	126.	42.	20.	7.59
+	ROUTED TO	R115	289.	14.33	122.	42.	20.	7.59
+	HYDROGRAPH AT	122A	790.	12.25	109.	35.	17.	.51
+	DIVERSION TO	122ART	790.	12.25	80.	22.	11.	.51
+	HYDROGRAPH AT	122AOT	454.	12.50	42.	13.	6.	.51
+	2 COMBINED AT	1I122A	444.	12.50	150.	53.	26.	8.33
+	HYDROGRAPH AT	D114	369.	13.42	27.	7.	3.	5.26
+	ROUTED TO	R114	220.	13.92	27.	7.	3.	5.26
+	HYDROGRAPH AT	122B	581.	12.25	72.	21.	10.	.38

+	DIVERSION TO	122BRT	581.	12.25	48.	13.	6.	.38
+	HYDROGRAPH AT	122BOT	406.	12.42	30.	9.	4.	.38
+	2 COMBINED AT	CP122B	366.	12.42	56.	15.	7.	5.66
+	ROUTED TO	R122B	293.	12.58	56.	15.	7.	5.66
+	2 COMBINED AT	!RM1	720.	12.50	203.	68.	33.	8.48
+	ROUTED TO	1R122A	473.	14.25	200.	68.	33.	8.48
+	ROUTED TO	2R122A	467.	14.50	197.	68.	33.	8.48
+	HYDROGRAPH AT	111	482.	12.08	45.	13.	6.	.26
+	DIVERSION TO	111RET	374.	12.00	23.	6.	3.	.26
+	HYDROGRAPH AT	111OUT	477.	12.17	25.	7.	3.	.26
+	ROUTED TO	R111	271.	12.42	25.	7.	3.	.26
+	HYDROGRAPH AT	104	241.	12.25	28.	9.	4.	.15
+	DIVERSION TO	104R	241.	12.25	23.	6.	3.	.15
+	HYDROGRAPH AT	104T	78.	12.50	8.	2.	1.	.15
+	ROUTED TO	R104	18.	17.08	8.	2.	1.	.15
+	HYDROGRAPH AT	111A	893.	12.25	106.	32.	15.	.61
+	DIVERSION TO	111ART	893.	12.25	103.	28.	13.	.61
+	HYDROGRAPH AT	111AOT	19.	12.92	9.	3.	2.	.61
+	3 COMBINED AT	CP111A	271.	12.42	39.	13.	6.	.97
+	ROUTED TO	R111A	111.	13.92	32.	12.	6.	.97
+	HYDROGRAPH AT	119	516.	13.17	133.	38.	19.	.86
+	DIVERSION TO	119RT	477.	13.08	68.	18.	9.	.86
+	HYDROGRAPH AT	119OUT	490.	13.25	75.	20.	10.	.86
+	DIVERSION TO	DI128	286.	13.25	44.	12.	6.	.86
+	HYDROGRAPH AT	D119	204.	13.25	31.	8.	4.	.86
+	ROUTED TO	R119	135.	14.00	30.	8.	4.	.86
+	HYDROGRAPH AT	119A	292.	13.17	80.	24.	11.	.47

	DIVERSION TO							
+		119AR	292.	13.17	57.	15.	7.	.47
	HYDROGRAPH AT							
+		119AT	183.	13.67	30.	9.	4.	.47
	2 COMBINED AT							
+		CP119A	268.	13.83	59.	17.	8.	1.26
	DIVERSION TO							
+		DI130	0.	.00	0.	0.	0.	1.26
	HYDROGRAPH AT							
+		D119A	268.	13.83	59.	17.	8.	1.26
	ROUTED TO							
+		R119A	254.	14.08	58.	17.	8.	1.26
	HYDROGRAPH AT							
+		120	371.	13.25	105.	31.	15.	.54
	DIVERSION TO							
+		120RT	371.	13.25	65.	18.	8.	.54
	HYDROGRAPH AT							
+		120OUT	281.	13.58	48.	13.	6.	.54
	3 COMBINED AT							
+		1I120	529.	14.00	133.	41.	20.	2.88
	HYDROGRAPH AT							
+		1D112	137.	12.67	19.	6.	3.	.82
	ROUTED TO							
+		R112	89.	13.25	19.	6.	3.	.82
	2 COMBINED AT							
+		CP120	562.	14.00	147.	47.	22.	3.58
	ROUTED TO							
+		R120	527.	14.33	146.	47.	22.	3.58
	HYDROGRAPH AT							
+		D119	286.	13.25	44.	12.	6.	.86
	ROUTED TO							
+		R119	216.	13.67	43.	12.	6.	.86
	HYDROGRAPH AT							
+		128	310.	12.92	73.	23.	11.	.41
	DIVERSION TO							
+		128R	310.	12.92	61.	17.	8.	.41
	HYDROGRAPH AT							
+		128T	107.	13.58	20.	6.	3.	.41
	2 COMBINED AT							
+		CP128	315.	13.67	62.	18.	8.	1.27
	ROUTED TO							
+		R128	186.	16.33	61.	18.	8.	1.27
	HYDROGRAPH AT							
+		D119A	0.	.00	0.	0.	0.	1.26
	ROUTED TO							
+		R119A	0.	.00	0.	0.	0.	1.26
	HYDROGRAPH AT							
+		130	581.	13.25	172.	51.	25.	1.00
	DIVERSION TO							
+		130R	581.	13.25	113.	31.	15.	1.00
	HYDROGRAPH AT							
+		130T	404.	13.67	74.	21.	10.	1.00
	3 COMBINED AT							
+		1I130	396.	13.75	127.	37.	18.	3.77

+	HYDROGRAPH AT	129	343.	12.67	55.	14.	7.	.43
+	ROUTED TO	R129	278.	13.33	55.	14.	7.	.43
+	3 COMBINED AT	CP130	845.	14.17	314.	97.	47.	5.37
+	DIVERSION TO	DI144	259.	14.17	35.	9.	4.	5.37
+	HYDROGRAPH AT	D130	586.	14.17	279.	88.	43.	5.37
+	ROUTED TO	R130	580.	14.42	277.	88.	43.	5.37
+	HYDROGRAPH AT	131A	316.	13.08	69.	17.	8.	.49
+	2 COMBINED AT	CP131A	615.	14.33	326.	105.	51.	5.87
+	DIVERSION TO	DI145A	615.	14.33	326.	105.	51.	5.87
+	HYDROGRAPH AT	DC131A	0.	.00	0.	0.	0.	5.87
+	ROUTED TO	R131A	0.	.00	0.	0.	0.	5.87
+	HYDROGRAPH AT	131	317.	13.08	69.	17.	8.	.49
+	2 COMBINED AT	1I131	309.	13.08	67.	17.	8.	9.57
+	HYDROGRAPH AT	2D112	137.	12.67	19.	6.	3.	.82
+	ROUTED TO	R112	93.	13.08	19.	6.	3.	.82
+	HYDROGRAPH AT	121A	401.	12.92	93.	28.	13.	.50
+	DIVERSION TO	121AR	401.	12.92	69.	19.	9.	.50
+	HYDROGRAPH AT	121AT	240.	13.33	33.	9.	5.	.50
+	2 COMBINED AT	1I121A	314.	13.33	50.	15.	7.	1.34
+	HYDROGRAPH AT	D113A	519.	12.92	83.	25.	12.	3.04
+	ROUTED TO	RLPO	442.	13.00	82.	25.	12.	3.04
+	2 COMBINED AT	!LP	582.	13.33	131.	40.	19.	3.54
+	DIVERSION TO	DI131A	582.	13.33	131.	40.	19.	3.54
+	HYDROGRAPH AT	DC121A	0.	.00	0.	0.	0.	3.54
+	ROUTED TO	R121A	0.	.00	0.	0.	0.	3.54
+	HYDROGRAPH AT	121	391.	12.92	88.	26.	12.	.50
	DIVERSION TO							

+		121R	391.	12.92	58.	16.	8.	.50
	HYDROGRAPH AT							
+		121T	282.	13.17	36.	10.	5.	.50
	2 COMBINED AT							
+		CP121	274.	13.17	35.	10.	5.	4.03
	ROUTED TO							
+		R121	138.	14.17	34.	10.	5.	4.03
	2 COMBINED AT							
+		CP131	309.	13.08	97.	26.	13.	10.47
	DIVERSION TO							
+		DI145	244.	13.08	73.	19.	9.	10.47
	HYDROGRAPH AT							
+		D131	64.	13.08	24.	7.	3.	10.47
	ROUTED TO							
+		R131	57.	13.42	24.	7.	3.	10.47
	HYDROGRAPH AT							
+		132	264.	13.00	68.	21.	10.	.41
	DIVERSION TO							
+		132R	264.	13.00	59.	16.	8.	.41
	HYDROGRAPH AT							
+		132T	70.	14.00	16.	5.	2.	.41
	2 COMBINED AT							
+		CP132	113.	14.00	37.	11.	5.	9.97
	ROUTED TO							
+		R132	87.	14.67	37.	11.	5.	9.97
	HYDROGRAPH AT							
+		133	371.	12.83	81.	24.	12.	.50
	DIVERSION TO							
+		133RET	371.	12.83	59.	16.	8.	.50
	HYDROGRAPH AT							
+		133OUT	225.	13.25	29.	8.	4.	.50
	2 COMBINED AT							
+		1I133	214.	13.25	62.	19.	9.	11.37
	2 COMBINED AT							
+		!RM2	573.	14.50	259.	87.	42.	9.99
	DIVERSION TO							
+		DI146	573.	14.50	259.	87.	42.	9.99
	HYDROGRAPH AT							
+		1D133	0.	.00	0.	0.	0.	9.99
	DIVERSION TO							
+		1D147	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		2D133	0.	.00	0.	0.	0.	9.99
	ROUTED TO							
+		R133	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		134	329.	13.08	87.	27.	13.	.50
	DIVERSION TO							
+		134R	329.	13.08	63.	17.	8.	.50
	HYDROGRAPH AT							
+		134T	198.	13.58	34.	10.	5.	.50
	HYDROGRAPH AT							
+		D123	0.	.00	0.	0.	0.	.44
	ROUTED TO							

+		R123	0.	.00	0.	0.	0.	.44
+	3 COMBINED AT	CP134	246.	13.58	34.	10.	5.	16.87
+	DIVERSION TO	2D147	57.	13.75	6.	2.	1.	16.87
+	HYDROGRAPH AT	D134	94.	13.75	22.	7.	3.	16.87
+	ROUTED TO	R134	70.	14.08	22.	7.	3.	16.87
+	HYDROGRAPH AT	1D124	81.	13.58	10.	3.	1.	1.65
+	ROUTED TO	R124	55.	14.58	10.	3.	1.	1.65
+	HYDROGRAPH AT	135	452.	12.67	90.	28.	13.	.49
+	DIVERSION TO	135RET	452.	12.67	73.	20.	10.	.49
+	HYDROGRAPH AT	135OUT	175.	13.25	26.	8.	4.	.49
+	3 COMBINED AT	CP135	109.	13.25	49.	15.	7.	17.92
+	DIVERSION TO	DI148	2.	13.25	0.	0.	0.	17.92
+	HYDROGRAPH AT	D135	109.	14.42	49.	15.	7.	17.92
+	ROUTED TO	R135	106.	14.75	48.	15.	7.	17.92
+	HYDROGRAPH AT	2D124	222.	13.58	49.	13.	6.	1.65
+	ROUTED TO	R124	135.	16.08	42.	13.	6.	1.65
+	HYDROGRAPH AT	136	326.	13.08	87.	27.	13.	.46
+	DIVERSION TO	136R	326.	13.08	64.	17.	8.	.46
+	HYDROGRAPH AT	136T	196.	13.58	32.	9.	5.	.46
+	2 COMBINED AT	1I136	195.	13.58	68.	23.	11.	1.03
+	2 COMBINED AT	CP136	193.	13.83	107.	35.	17.	18.33
+	ROUTED TO	R136	160.	14.58	104.	35.	17.	18.33
+	HYDROGRAPH AT	1D125	334.	12.50	74.	21.	10.	3.66
+	ROUTED TO	R125	258.	13.08	72.	21.	10.	3.66
+	HYDROGRAPH AT	137	295.	13.42	96.	29.	14.	.54
+	DIVERSION TO	137R	295.	13.42	68.	19.	9.	.54
+	HYDROGRAPH AT	137T	183.	14.00	37.	11.	5.	.54
	3 COMBINED AT							

+		CP137	431.	14.25	213.	71.	34.	5.58
	DIVERSION TO							
+		DI149	143.	14.25	71.	23.	11.	5.58
	HYDROGRAPH AT							
+		1D137	287.	14.25	142.	47.	23.	5.58
	DIVERSION TO							
+		DI153	143.	14.25	71.	23.	11.	5.58
	HYDROGRAPH AT							
+		2D137	144.	14.25	71.	24.	11.	5.58
	ROUTED TO							
+		R137	133.	14.50	70.	24.	11.	5.58
	HYDROGRAPH AT							
+		2D125	334.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	132.	15.33	60.	21.	10.	3.66
	HYDROGRAPH AT							
+		138	386.	13.00	97.	30.	14.	.54
	DIVERSION TO							
+		138R	386.	13.00	82.	22.	11.	.54
	HYDROGRAPH AT							
+		138T	131.	13.83	25.	8.	4.	.54
	2 COMBINED AT							
+		1I138	129.	15.50	63.	24.	12.	22.08
	2 COMBINED AT							
+		CP138	253.	15.33	143.	52.	25.	6.12
	DIVERSION TO							
+		2D153	0.	.00	0.	0.	0.	6.12
	HYDROGRAPH AT							
+		DRR1	253.	15.33	143.	52.	25.	6.12
	ROUTED TO							
+		R138	233.	15.50	143.	52.	25.	6.12
	HYDROGRAPH AT							
+		138A	727.	12.17	84.	26.	12.	.46
	DIVERSION TO							
+		138AR	727.	12.17	75.	20.	10.	.46
	HYDROGRAPH AT							
+		138AT	69.	12.75	17.	5.	3.	.46
	2 COMBINED AT							
+		1I138A	243.	15.50	153.	57.	27.	6.05
	2 COMBINED AT							
+		2I138A	201.	15.67	123.	48.	23.	24.81
	HYDROGRAPH AT							
+		2D137	143.	14.25	71.	23.	11.	5.58
	ROUTED TO							
+		R137	141.	14.50	70.	23.	11.	5.58
	HYDROGRAPH AT							
+		153	137.	13.33	46.	15.	7.	.31
	DIVERSION TO							
+		153RET	137.	13.33	45.	13.	6.	.31
	HYDROGRAPH AT							
+		153OUT	8.	15.33	5.	2.	1.	.31
	HYDROGRAPH AT							
+		DRR1	0.	.00	0.	0.	0.	6.12
	ROUTED TO							

+		RRR1	0.	.00	0.	0.	0.	6.12
	3 COMBINED AT							
+		CP153	143.	14.50	72.	25.	12.	21.92
	DIVERSION TO							
+		3D152	101.	14.75	60.	22.	10.	21.92
	HYDROGRAPH AT							
+		DRRR2	0.	.00	0.	0.	0.	21.92
	2 COMBINED AT							
+		CP138A	203.	15.58	125.	48.	23.	23.68
	DIVERSION TO							
+		DI154	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		D138A	203.	15.58	125.	48.	23.	23.68
	ROUTED TO							
+		R138A	186.	16.75	123.	48.	23.	23.68
	HYDROGRAPH AT							
+		D138A	0.	.00	0.	0.	0.	23.68
	ROUTED TO							
+		RLLE	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		154	174.	12.58	28.	7.	3.	.17
	2 COMBINED AT							
+		LLE1	173.	12.58	27.	7.	3.	.33
	ROUTED TO							
+		RLLE1	153.	12.92	27.	7.	3.	.33
	HYDROGRAPH AT							
+		157	734.	12.83	162.	50.	24.	.89
	DIVERSION TO							
+		157R	734.	12.83	131.	35.	17.	.89
	HYDROGRAPH AT							
+		157T	329.	13.42	48.	14.	7.	.89
	2 COMBINED AT							
+		1I157	213.	13.42	57.	17.	8.	25.08
	2 COMBINED AT							
+		2I157	213.	13.42	142.	64.	31.	25.08
	HYDROGRAPH AT							
+		127	461.	12.08	45.	14.	7.	.22
	ROUTED TO							
+		R127	255.	13.33	45.	14.	7.	.22
	HYDROGRAPH AT							
+		139	718.	12.25	88.	27.	13.	.47
	DIVERSION TO							
+		139R	718.	12.25	66.	18.	9.	.47
	HYDROGRAPH AT							
+		139T	378.	12.50	31.	9.	4.	.47
	2 COMBINED AT							
+		1I139	383.	12.50	75.	22.	11.	.69
	HYDROGRAPH AT							
+		D126	840.	12.83	151.	46.	22.	4.75
	ROUTED TO							
+		RLE	540.	13.00	148.	46.	22.	4.75
	2 COMBINED AT							
+		2I139	657.	13.33	218.	67.	32.	7.04
	HYDROGRAPH AT							

+		140	192.	12.67	41.	14.	7.	.18
	DIVERSION TO							
+		140R	189.	12.58	25.	7.	3.	.18
	HYDROGRAPH AT							
+		140T	154.	12.83	22.	7.	3.	.18
	2 COMBINED AT							
+		!LE1	751.	13.00	250.	76.	37.	.88
	ROUTED TO							
+		RLE1	725.	13.33	248.	76.	37.	.88
	HYDROGRAPH AT							
+		156	272.	12.75	62.	20.	10.	.30
	DIVERSION TO							
+		156R	272.	12.75	46.	13.	6.	.30
	HYDROGRAPH AT							
+		156T	149.	13.25	24.	7.	3.	.30
	2 COMBINED AT							
+		!LE2	859.	13.25	268.	83.	40.	1.18
	ROUTED TO							
+		RLE2	818.	13.50	264.	83.	40.	1.18
	2 COMBINED AT							
+		!LE3	1198.	13.42	455.	160.	78.	1.65
	ROUTED TO							
+		RLE3	1108.	13.58	453.	160.	78.	1.65
	HYDROGRAPH AT							
+		172	109.	12.58	17.	5.	2.	.12
	DIVERSION TO							
+		172R	66.	12.25	5.	1.	1.	.12
	HYDROGRAPH AT							
+		172T	109.	12.58	13.	3.	2.	.12
	2 COMBINED AT							
+		!LE4	1115.	13.58	457.	163.	79.	1.77
	ROUTED TO							
+		SRLECH	1118.	13.58	456.	162.	79.	1.77
	DIVERSION TO							
+		EM-CLV	42.	13.58	33.	25.	13.	1.77
	HYDROGRAPH AT							
+		D10X3	1076.	13.58	423.	137.	66.	1.77
	ROUTED TO							
+		SRLE4	692.	14.08	401.	129.	62.	1.77
	HYDROGRAPH AT							
+		DI10X3	42.	13.58	33.	25.	13.	1.77
	2 COMBINED AT							
+		2LE4	730.	14.08	434.	154.	75.	1.77
	ROUTED TO							
+		RLE4	710.	14.33	428.	154.	75.	1.77
	HYDROGRAPH AT							
+		173	170.	13.00	35.	9.	5.	.31
	DIVERSION TO							
+		173R	132.	12.75	14.	4.	2.	.31
	HYDROGRAPH AT							
+		173T	170.	13.00	23.	6.	3.	.31
	2 COMBINED AT							
+		!LE5	723.	14.33	434.	159.	78.	2.08
	HYDROGRAPH AT							

+	156A	501.	12.17	46.	13.	6.	.31
ROUTED TO +	R156A	178.	14.17	45.	13.	6.	.31
HYDROGRAPH AT +	158	1158.	12.33	143.	43.	21.	.97
DIVERSION TO +	158RET	1158.	12.33	116.	31.	15.	.97
HYDROGRAPH AT +	158OUT	382.	12.67	39.	12.	6.	.97
2 COMBINED AT +	CP158	384.	12.67	80.	25.	12.	1.28
ROUTED TO +	R158	159.	14.92	77.	25.	12.	1.28
HYDROGRAPH AT +	173B	143.	12.83	31.	10.	5.	.20
DIVERSION TO +	173R	143.	12.83	22.	6.	3.	.20
HYDROGRAPH AT +	173T	83.	13.17	12.	4.	2.	.20
2 COMBINED AT +	CP173B	228.	13.25	88.	28.	14.	1.48
2 COMBINED AT +	AFR2E	717.	14.67	432.	163.	80.	30.12
ROUTED TO +	RR173	636.	14.83	387.	150.	73.	30.12
HYDROGRAPH AT +	171	372.	13.42	115.	34.	16.	.70
DIVERSION TO +	171R	372.	13.42	85.	23.	11.	.70
HYDROGRAPH AT +	171T	205.	14.17	39.	11.	5.	.70
ROUTED TO +	R171	161.	14.58	38.	11.	5.	.70
HYDROGRAPH AT +	173A	164.	12.75	34.	11.	5.	.20
DIVERSION TO +	173R	164.	12.75	26.	7.	3.	.20
HYDROGRAPH AT +	173T	89.	13.17	12.	4.	2.	.20
2 COMBINED AT +	CP173A	169.	14.58	48.	14.	7.	.90
2 COMBINED AT +	AFR2F1	731.	14.83	416.	160.	78.	31.02
ROUTED TO +	RR173A	640.	15.67	411.	160.	78.	31.02
HYDROGRAPH AT +	186	180.	13.25	46.	11.	6.	.33
ROUTED TO +	R186	166.	13.67	46.	11.	6.	.33
HYDROGRAPH AT +	187	80.	12.00	5.	2.	1.	.35
2 COMBINED AT +	CP187	166.	13.67	51.	13.	6.	.68
2 COMBINED AT							

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+                    AFR2F2     658.   15.67      424.      170.      84.     31.70
     ROUTED TO
+                     RR187     609.   16.42      421.      170.      83.     31.70
     HYDROGRAPH AT
+                       199      71.   13.08       15.        4.       2.       .11
     ROUTED TO
+                      R199      62.   13.67       15.        4.       2.       .11
     HYDROGRAPH AT
+                       200     216.   12.67       34.        9.       4.       .29
     2 COMBINED AT
+                     CP200     216.   12.67       49.       12.       6.       .40
     2 COMBINED AT
+                    AFR2F3     613.   16.42      424.      180.      89.     32.10
     ROUTED TO
+                     RR200     597.   16.83      422.      180.      89.     32.10
     HYDROGRAPH AT
+                       141     484.   12.33       50.       12.       6.       .47
     ROUTED TO
+                      R141     478.   12.42       50.       12.       6.       .47
     HYDROGRAPH AT
+                      141A     214.   12.17       16.        4.       2.       .15
     2 COMBINED AT
+                    CP141A     571.   12.33       65.       16.       8.       .62
     ROUTED TO
+                     R141A     533.   12.50       65.       16.       8.       .62
     HYDROGRAPH AT
+                       142     305.   13.00       63.       16.       8.       .51
     2 COMBINED AT
+                     CP142     690.   12.50      127.       32.      15.      1.13
     ROUTED TO
+                      R142     645.   12.92      127.       32.      15.      1.13
     HYDROGRAPH AT
+                       143     294.   13.00       69.       20.      10.       .50
     DIVERSION TO
+                      143R     294.   13.00       40.       11.       5.       .50
     HYDROGRAPH AT
+                      143T     234.   13.25       34.        9.       4.       .50
     2 COMBINED AT
+                     CP143     730.   13.25      160.       41.      20.      1.63
     ROUTED TO
+                      R143     695.   13.33      159.       41.      20.      1.63
     HYDROGRAPH AT
+                      D130     259.   14.17       35.        9.       4.      5.37
     ROUTED TO
+                      R130     208.   14.75       35.        9.       4.      5.37
     HYDROGRAPH AT
+                       144     328.   13.00       69.       17.       8.       .51
     2 COMBINED AT
+                     II144     321.   13.00      102.       25.      12.      6.05
     2 COMBINED AT
+                     CP144     916.   13.08      256.       65.      31.      7.68
     DIVERSION TO
+                    DI164A      60.   13.08        8.        2.       1.      7.68
     HYDROGRAPH AT
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+                    D144      856.   13.08      248.      63.      30.      7.68
     ROUTED TO
+                    R144      845.   13.33      248.      63.      30.      7.68
     HYDROGRAPH AT
+                    145A      287.   13.08       63.      16.       8.       .49
     2 COMBINED AT
+                   CP145A    1066.   13.25      308.      78.      38.      8.17
     DIVERSION TO
+                   2D164A    1066.   13.25      308.      78.      38.      8.17
     HYDROGRAPH AT
+                   DC145A       0.     .00        0.       0.       0.      8.17
     ROUTED TO
+                    R145A       0.     .00        0.       0.       0.      8.17
     HYDROGRAPH AT
+                    D131      244.   13.08       73.      19.       9.     10.47
     ROUTED TO
+                    R131      195.   13.83       71.      19.       9.     10.47
     HYDROGRAPH AT
+                     145      297.   13.08       64.      16.       8.       .48
     2 COMBINED AT
+                   1I145      324.   13.58      132.      35.      17.      9.00
     2 COMBINED AT
+                   CP145      319.   13.67      130.      35.      17.     11.63
     DIVERSION TO
+                   DI164       13.   13.67        2.       1.       0.     11.63
     HYDROGRAPH AT
+                   1D145      306.   13.67      128.      34.      16.     11.63
     DIVERSION TO
+                   DI165       44.   13.67        7.       2.       1.     11.63
     HYDROGRAPH AT
+                   2D145      262.   13.67      121.      32.      16.     11.63
     ROUTED TO
+                   R145B      260.   13.75      121.      32.      16.     11.63
     DIVERSION TO
+                  DI165B      123.   13.75       36.       9.       4.     11.63
     HYDROGRAPH AT
+                   3D145      138.   13.75       85.      23.      11.     11.63
     ROUTED TO
+                   R145C      137.   13.92       85.      23.      11.     11.63
     DIVERSION TO
+                  DI165C       52.   13.92       24.       6.       3.     11.63
     HYDROGRAPH AT
+                   4D145       86.   13.83       61.      17.       8.     11.63
     ROUTED TO
+                   R145D       86.   13.83       61.      17.       8.     11.63
     HYDROGRAPH AT
+                   1D133      573.   14.50      259.      87.      42.      9.99
     ROUTED TO
+                    RRM2      534.   14.92      253.      87.      42.      9.99
     HYDROGRAPH AT
+                     146      523.   13.17      124.      31.      15.       .90
     2 COMBINED AT
+                   1I146      675.   13.50      319.     108.      52.     15.02
     2 COMBINED AT
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+		!RM3	811.	13.50	402.	131.	63.	11.37
	DIVERSION TO							
+		1D166	0.	.00	0.	0.	0.	11.37
	HYDROGRAPH AT							
+		D146	811.	13.50	402.	131.	63.	11.37
	ROUTED TO							
+		RRM3A	748.	13.67	396.	131.	63.	11.37
	HYDROGRAPH AT							
+		4D145	52.	13.92	24.	6.	3.	11.63
	ROUTED TO							
+		R145E	51.	14.42	24.	6.	3.	11.63
	2 COMBINED AT							
+		1D165	747.	13.75	396.	131.	63.	18.49
	DIVERSION TO							
+		DIRB1	0.	.00	0.	0.	0.	18.49
	HYDROGRAPH AT							
+		D146B	718.	13.75	377.	126.	61.	18.49
	ROUTED TO							
+		RRM3B	716.	13.75	377.	126.	61.	18.49
	HYDROGRAPH AT							
+		3D145	123.	13.75	36.	9.	4.	11.63
	ROUTED TO							
+		R145F	109.	14.92	36.	9.	4.	11.63
	2 COMBINED AT							
+		2D165	716.	13.75	409.	135.	65.	18.50
	DIVERSION TO							
+		DIRB2	0.	.00	0.	0.	0.	18.50
	HYDROGRAPH AT							
+		D146C	716.	13.75	409.	135.	65.	18.50
	ROUTED TO							
+		RRM3C	698.	14.00	407.	135.	65.	18.50
	HYDROGRAPH AT							
+		159	608.	12.33	61.	15.	7.	.58
	ROUTED TO							
+		R159	594.	12.42	61.	15.	7.	.58
	HYDROGRAPH AT							
+		160	409.	12.42	44.	11.	5.	.39
	2 COMBINED AT							
+		CP160	996.	12.42	105.	26.	13.	.97
	ROUTED TO							
+		R160	893.	12.58	105.	26.	13.	.97
	HYDROGRAPH AT							
+		161	310.	13.00	62.	15.	7.	.50
	2 COMBINED AT							
+		CP161	1087.	12.58	165.	41.	20.	1.47
	ROUTED TO							
+		R161	925.	13.08	165.	41.	20.	1.47
	HYDROGRAPH AT							
+		162	268.	12.50	34.	8.	4.	.25
	ROUTED TO							
+		R162	198.	13.17	34.	8.	4.	.25
	HYDROGRAPH AT							
+		163	492.	12.92	99.	25.	12.	.75
	2 COMBINED AT							

+	1I163	664.	13.00	132.	33.	16.	1.00
2 COMBINED AT +	CP163	1565.	13.00	295.	74.	35.	2.47
DIVERSION TO +	DI176A	0.	.00	0.	0.	0.	2.47
HYDROGRAPH AT +	D163	1565.	13.00	295.	74.	35.	2.47
ROUTED TO +	R163	1519.	13.17	295.	74.	35.	2.47
HYDROGRAPH AT +	D144	60.	13.08	8.	2.	1.	7.68
ROUTED TO +	R144	30.	17.17	8.	2.	1.	7.68
HYDROGRAPH AT +	164A	309.	13.08	66.	17.	8.	.49
2 COMBINED AT +	1I164A	302.	13.08	71.	18.	9.	8.17
2 COMBINED AT +	CP164A	1765.	13.17	360.	90.	44.	10.64
DIVERSION TO +	DI177A	1765.	13.17	360.	90.	44.	10.64
HYDROGRAPH AT +	DC164A	0.	.00	0.	0.	0.	10.64
ROUTED TO +	R164A	0.	.00	0.	0.	0.	10.64
HYDROGRAPH AT +	164	311.	13.08	72.	20.	10.	.49
DIVERSION TO +	164R	229.	12.75	26.	7.	3.	.49
HYDROGRAPH AT +	164T	311.	13.08	50.	13.	6.	.49
2 COMBINED AT +	1I164	300.	13.08	47.	12.	6.	11.13
HYDROGRAPH AT +	1D145	13.	13.67	2.	1.	0.	11.63
ROUTED TO +	R145	10.	14.50	2.	1.	0.	11.63
2 COMBINED AT +	CP164	300.	13.08	49.	13.	6.	15.08
DIVERSION TO +	DI177	22.	13.08	4.	1.	0.	15.08
HYDROGRAPH AT +	D164	272.	13.08	44.	11.	6.	15.08
ROUTED TO +	R164	174.	14.00	44.	11.	6.	15.08
HYDROGRAPH AT +	2D145	44.	13.67	7.	2.	1.	11.63
ROUTED TO +	R145	15.	19.08	7.	2.	1.	11.63
HYDROGRAPH AT +	165	511.	13.25	142.	42.	20.	.90
DIVERSION TO +	165R	511.	13.25	92.	25.	12.	.90
HYDROGRAPH AT							

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+                    165T      372.   13.58        61.       17.        8.      .90
     2 COMBINED AT
+                   1I165      313.   13.58        59.       17.        8.    12.53
     2 COMBINED AT
+                   2I165      431.   13.83       100.       28.       13.    15.98
     2 COMBINED AT
+                    !RM4     1136.   13.92       521.      167.       80.    15.67
     DIVERSION TO
+                   DI180        0.     .00         0.        0.        0.    15.67
     HYDROGRAPH AT
+                    D165     1136.   13.92       521.      167.       80.    15.67
     ROUTED TO
+                    RRM4     1136.   13.92       521.      167.       80.    15.67
     HYDROGRAPH AT
+                    D163        0.     .00         0.        0.        0.     2.47
     ROUTED TO
+                    R163        0.     .00         0.        0.        0.     2.47
     HYDROGRAPH AT
+                    176A      293.   13.25        71.       19.        9.      .62
     2 COMBINED AT
+                  CP176A      288.   13.25        70.       18.        9.     3.09
     DIVERSION TO
+                   DI191        0.     .00         0.        0.        0.     3.09
     HYDROGRAPH AT
+                   D176A      288.   13.25        70.       18.        9.     3.09
     ROUTED TO
+                   R176A      264.   13.50        70.       18.        9.     3.09
     HYDROGRAPH AT
+                    177A      261.   13.08        57.       15.        7.      .49
     2 COMBINED AT
+                  CP177A      430.   13.17       125.       33.       16.     3.58
     DIVERSION TO
+                  DI192A      430.   13.17       125.       33.       16.     3.58
     HYDROGRAPH AT
+                  DC177A        0.     .00         0.        0.        0.     3.58
     ROUTED TO
+                   R177A        0.     .00         0.        0.        0.     3.58
     HYDROGRAPH AT
+                     177      291.   13.08        62.       15.        7.      .49
     2 COMBINED AT
+                   1I177      286.   13.08        61.       15.        7.     4.07
     HYDROGRAPH AT
+                    D164       22.   13.08         4.        1.        0.    15.08
     ROUTED TO
+                    R164       11.   14.83         4.        1.        0.    15.08
     2 COMBINED AT
+                   CP177      286.   13.08        64.       16.        8.    16.68
     ROUTED TO
+                    R177      255.   13.25        61.       15.        7.    16.68
     HYDROGRAPH AT
+                     178      271.   13.08        65.       19.        9.      .44
     DIVERSION TO
+                    178R      248.   12.92        34.        9.        4.      .44
     HYDROGRAPH AT
```

+	178T	251.	13.17	36.	10.	5.	.44
2 COMBINED AT +	CP178	465.	13.25	92.	24.	12.	17.12
ROUTED TO +	R178	396.	13.67	92.	24.	12.	17.12
HYDROGRAPH AT +	179	293.	13.08	64.	16.	8.	.46
2 COMBINED AT +	1I179	538.	13.58	151.	39.	19.	17.58
2 COMBINED AT +	!RM5	1573.	13.83	636.	202.	97.	18.17
DIVERSION TO +	DIRM5	1022.	13.83	192.	48.	23.	18.17
HYDROGRAPH AT +	DRM5	642.	14.58	444.	154.	74.	18.17
HYDROGRAPH AT +	DRRM5	1022.	13.83	192.	48.	23.	18.17
ROUTED TO +	SRRM5	41.	16.33	29.	16.	9.	18.17
2 COMBINED AT +	2RM5	654.	14.58	467.	169.	83.	18.17
DIVERSION TO +	DI193	654.	14.58	467.	169.	83.	18.17
HYDROGRAPH AT +	1D179	0.	.00	0.	0.	0.	18.17
DIVERSION TO +	DI194A	0.	.00	0.	0.	0.	18.17
HYDROGRAPH AT +	2D179	0.	.00	0.	0.	0.	18.17
ROUTED TO +	R179	0.	.00	0.	0.	0.	18.17
HYDROGRAPH AT +	180	515.	13.33	136.	34.	16.	.99
2 COMBINED AT +	1I180	477.	13.33	126.	31.	15.	26.33
HYDROGRAPH AT +	2D133	0.	.00	0.	0.	0.	9.99
ROUTED TO +	R133	0.	.00	0.	0.	0.	9.99
HYDROGRAPH AT +	147	336.	13.00	86.	26.	13.	.50
DIVERSION TO +	147R	336.	13.00	67.	18.	9.	.50
HYDROGRAPH AT +	147T	168.	13.67	27.	8.	4.	.50
2 COMBINED AT +	1I147	125.	13.67	23.	7.	3.	14.62
HYDROGRAPH AT +	D134	57.	13.75	6.	2.	1.	16.87
ROUTED TO +	R134	22.	15.33	6.	2.	1.	16.87
2 COMBINED AT +	CP147	117.	13.67	29.	8.	4.	15.92
DIVERSION TO							

+	2D166	116.	13.67	29.	8.	4.	15.92
HYDROGRAPH AT							
+	D147	1.	13.67	0.	0.	0.	15.92
ROUTED TO							
+	R147	0.	14.33	0.	0.	0.	15.92
HYDROGRAPH AT							
+	148	311.	13.00	75.	22.	10.	.48
DIVERSION TO							
+	148R	311.	13.00	42.	11.	5.	.48
HYDROGRAPH AT							
+	148T	256.	13.25	39.	11.	5.	.48
2 COMBINED AT							
+	1I148	218.	13.33	34.	9.	4.	16.40
HYDROGRAPH AT							
+	D135	2.	13.25	0.	0.	0.	17.92
ROUTED TO							
+	R135	0.	14.42	0.	0.	0.	17.92
2 COMBINED AT							
+	CP148	218.	13.33	34.	9.	4.	17.46
DIVERSION TO							
+	DI150	33.	13.33	6.	2.	1.	17.46
HYDROGRAPH AT							
+	D148	185.	13.33	28.	8.	4.	17.46
ROUTED TO							
+	R148	68.	14.92	27.	8.	4.	17.46
HYDROGRAPH AT							
+	D147	116.	13.67	29.	8.	4.	15.92
ROUTED TO							
+	R147	38.	19.42	26.	8.	4.	15.92
HYDROGRAPH AT							
+	166	507.	13.33	155.	46.	22.	.98
DIVERSION TO							
+	166R	507.	13.33	104.	28.	14.	.98
HYDROGRAPH AT							
+	166T	353.	13.83	64.	18.	9.	.98
HYDROGRAPH AT							
+	D146	0.	.00	0.	0.	0.	11.37
ROUTED TO							
+	R146	0.	.00	0.	0.	0.	11.37
2 COMBINED AT							
+	1I166	420.	13.83	65.	18.	9.	19.47
2 COMBINED AT							
+	2I166	264.	14.08	65.	23.	11.	21.45
2 COMBINED AT							
+	CP166	278.	14.08	91.	30.	14.	22.45
DIVERSION TO							
+	DI167	278.	14.08	91.	30.	14.	22.45
HYDROGRAPH AT							
+	D166	3.	13.83	0.	0.	0.	22.45
ROUTED TO							
+	R166	0.	15.08	0.	0.	0.	22.45
HYDROGRAPH AT							
+	D165	0.	.00	0.	0.	0.	15.67
ROUTED TO							

+	R165	0.	.00	0.	0.	0.	15.67
2 COMBINED AT							
+	1I180	0.	15.08	0.	0.	0.	30.29
2 COMBINED AT							
+	CP180	477.	13.33	126.	31.	15.	30.29
DIVERSION TO							
+	1D195	408.	13.33	109.	27.	13.	30.29
HYDROGRAPH AT							
+	D180	65.	13.33	16.	4.	2.	30.29
ROUTED TO							
+	R180	56.	13.92	16.	4.	2.	30.29
HYDROGRAPH AT							
+	181	258.	12.92	49.	12.	6.	.37
2 COMBINED AT							
+	CP181	239.	12.92	60.	15.	7.	30.66
DIVERSION TO							
+	2D195	239.	12.92	60.	15.	7.	30.66
HYDROGRAPH AT							
+	D181	0.	.00	0.	0.	0.	30.66
ROUTED TO							
+	R181	0.	.00	0.	0.	0.	30.66
HYDROGRAPH AT							
+	182	191.	12.75	31.	8.	4.	.24
2 COMBINED AT							
+	1I182	172.	12.75	28.	7.	3.	30.90
HYDROGRAPH AT							
+	D148	33.	13.33	6.	2.	1.	17.46
ROUTED TO							
+	R148	21.	14.33	5.	2.	1.	17.46
HYDROGRAPH AT							
+	150	188.	12.75	32.	8.	4.	.23
2 COMBINED AT							
+	CP150	177.	12.75	35.	9.	4.	17.69
ROUTED TO							
+	R150	153.	13.17	35.	9.	4.	17.69
HYDROGRAPH AT							
+	151	195.	12.75	40.	12.	6.	.25
DIVERSION TO							
+	151R	195.	12.75	28.	7.	4.	.25
HYDROGRAPH AT							
+	151T	132.	13.08	16.	5.	2.	.25
2 COMBINED AT							
+	1I151	247.	13.25	48.	13.	6.	17.94
HYDROGRAPH AT							
+	1D137	143.	14.25	71.	23.	11.	5.58
ROUTED TO							
+	R137	134.	14.67	69.	23.	11.	5.58
HYDROGRAPH AT							
+	149	293.	13.08	64.	16.	8.	.48
2 COMBINED AT							
+	CP149	280.	13.08	110.	35.	17.	22.20
ROUTED TO							
+	R149	259.	13.50	108.	35.	17.	22.20
2 COMBINED AT							

+	CP151	495.	13.33	172.	53.	25.	7.85
DIVERSION TO +	1D168	158.	13.33	50.	13.	6.	7.85
HYDROGRAPH AT +	1D151	337.	13.33	122.	40.	19.	7.85
DIVERSION TO +	DI152	158.	13.33	50.	13.	6.	7.85
HYDROGRAPH AT +	2D151	179.	13.33	72.	26.	13.	7.85
ROUTED TO +	R151	159.	14.17	69.	26.	13.	7.85
HYDROGRAPH AT +	167	487.	13.33	142.	40.	19.	.97
DIVERSION TO +	167R	487.	13.33	97.	26.	12.	.97
HYDROGRAPH AT +	167T	309.	13.92	53.	15.	7.	.97
2 COMBINED AT +	1I167	379.	14.08	104.	36.	17.	24.63
HYDROGRAPH AT +	D166	278.	14.08	91.	30.	14.	22.45
ROUTED TO +	R166	209.	14.83	86.	30.	14.	22.45
2 COMBINED AT +	CP167	407.	14.67	184.	65.	31.	25.61
DIVERSION TO +	1D183	44.	14.67	8.	2.	1.	25.61
HYDROGRAPH AT +	1D167	363.	14.67	176.	63.	30.	25.61
DIVERSION TO +	2D168	8.	14.67	2.	0.	0.	25.61
HYDROGRAPH AT +	2D167	354.	14.67	174.	63.	30.	25.61
ROUTED TO +	R167	351.	14.92	172.	63.	30.	25.61
HYDROGRAPH AT +	181A	227.	13.17	52.	13.	6.	.39
2 COMBINED AT +	CP181A	363.	14.75	192.	74.	36.	26.00
DIVERSION TO +	2D183	54.	14.75	24.	8.	4.	26.00
HYDROGRAPH AT +	D181A	310.	14.75	168.	66.	32.	26.00
ROUTED TO +	R181A	302.	15.25	167.	66.	32.	26.00
2 COMBINED AT +	CP182	285.	15.33	176.	70.	34.	38.46
DIVERSION TO +	DI196	145.	15.33	89.	36.	17.	38.46
HYDROGRAPH AT +	D182	140.	15.33	86.	34.	17.	38.46
ROUTED TO +	R182	132.	16.58	84.	34.	17.	38.46
HYDROGRAPH AT							

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+                    DRR2     101.  14.75     60.     22.     10.    21.92
     ROUTED TO
+                    RRR2      94.  15.00     59.     22.     10.    21.92
     HYDROGRAPH AT
+                   2D151     158.  13.33     50.     13.      6.     7.85
     ROUTED TO
+                    R151     146.  13.75     49.     13.      6.     7.85
     HYDROGRAPH AT
+                     152     215.  12.75     37.      9.      4.      .25
     3 COMBINED AT
+                   CP152     231.  13.67    142.     47.     23.     8.61
     DIVERSION TO
+                   1D169       0.    .00      0.      0.      0.     8.61
     HYDROGRAPH AT
+                   1D152     231.  13.67    142.     47.     23.     8.61
     DIVERSION TO
+                   DI155       0.    .00      0.      0.      0.     8.61
     HYDROGRAPH AT
+                   2D152     231.  13.67    142.     47.     23.     8.61
     ROUTED TO
+                    R152     217.  14.17    141.     47.     23.     8.61
     HYDROGRAPH AT
+                   1D151     158.  13.33     50.     13.      6.     7.85
     ROUTED TO
+                    R151      93.  16.25     41.     13.      6.     7.85
     HYDROGRAPH AT
+                    168A     563.  12.08     60.     19.      9.      .28
     DIVERSION TO
+                    168R     506.  12.08     35.     10.      5.      .28
     HYDROGRAPH AT
+                    168T     505.  12.17     32.      9.      4.      .28
     3 COMBINED AT
+                  CP168A     471.  12.17    188.     69.     33.     8.89
     ROUTED TO
+                   R168A     240.  12.50    183.     69.     33.     8.89
     HYDROGRAPH AT
+                   2D167       8.  14.67      2.      0.      0.    25.61
     ROUTED TO
+                    R167       8.  15.42      2.      0.      0.    25.61
     HYDROGRAPH AT
+                    168B     194.  12.75     35.      9.      5.      .23
     3 COMBINED AT
+                  CP168B     381.  12.50    210.     77.     37.    11.07
     DIVERSION TO
+                   2D169      94.  12.50     44.     16.      8.    11.07
     HYDROGRAPH AT
+                    D168     288.  12.50    166.     61.     30.    11.07
     ROUTED TO
+                    R168     251.  13.00    164.     61.     30.    11.07
     HYDROGRAPH AT
+                   1D167      44.  14.67      8.      2.      1.    25.61
     ROUTED TO
+                    R167      28.  15.50      8.      2.      1.    25.61
     HYDROGRAPH AT
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+                    183      226.  12.42       27.       7.       3.      .21
     HYDROGRAPH AT
+                   D181A      54.  14.75       24.       8.       4.    26.00
     ROUTED TO
+                   R181A      53.  15.08       24.       8.       4.    26.00
     4 COMBINED AT
+                   CP183     303.  12.92      215.      80.      39.    11.67
     ROUTED TO
+                    R183     301.  13.25      215.      80.      39.    11.67
     HYDROGRAPH AT
+                    184      465.  13.17      106.      27.      13.      .79
     2 COMBINED AT
+                   1I184     685.  13.17      272.      94.      46.    27.86
     2 COMBINED AT
+                   2I184     660.  13.17      328.     124.      60.    40.32
     HYDROGRAPH AT
+                    D152       0.    .00        0.       0.       0.     8.61
     ROUTED TO
+                    R152       0.    .00        0.       0.       0.     8.61
     HYDROGRAPH AT
+                    155      255.  12.75       51.      13.       6.      .26
     2 COMBINED AT
+                   CP155     237.  12.75       47.      12.       6.    24.27
     ROUTED TO
+                    R155     187.  13.92       47.      12.       6.    24.27
     HYDROGRAPH AT
+                    D152       0.    .00        0.       0.       0.     8.61
     ROUTED TO
+                    R152       0.    .00        0.       0.       0.     8.61
     HYDROGRAPH AT
+                    169      384.  13.17      100.      25.      12.      .51
     2 COMBINED AT
+                   1I169     358.  13.17       92.      23.      11.    24.52
     2 COMBINED AT
+                   2I169     370.  13.83      138.      35.      17.    25.13
     HYDROGRAPH AT
+                    D168       94.  12.50       44.      16.       8.    11.07
     ROUTED TO
+                    R168       68.  13.25       43.      16.       8.    11.07
     2 COMBINED AT
+                   CP169     418.  13.83      168.      48.      23.    27.24
     ROUTED TO
+                    R169     389.  14.42      165.      48.      23.    27.24
     2 COMBINED AT
+                   CP184     782.  13.83      483.     170.      82.    41.09
     DIVERSION TO
+                   DI197     313.  13.83      193.      68.      33.    41.09
     HYDROGRAPH AT
+                   1D184     470.  13.83      290.     102.      49.    41.09
     DIVERSION TO
+                   DI198     313.  13.83      193.      68.      33.    41.09
     HYDROGRAPH AT
+                   2D184     157.  13.83       97.      34.      16.    41.09
     ROUTED TO
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+                    R184     155.  14.25      96.      34.      16.     41.09
     HYDROGRAPH AT
+                     170     274.  12.67      47.      13.       6.       .29
     ROUTED TO
+                    R170     211.  13.75      47.      13.       6.       .29
     HYDROGRAPH AT
+                     185     443.  13.08      97.      24.      12.       .69
     2 COMBINED AT
+                   1I185     444.  13.08     143.      37.      18.       .98
     2 COMBINED AT
+                   CP185     512.  13.67     212.      66.      32.     44.55
     ROUTED TO
+                    R185     394.  15.33     193.      66.      32.     44.55
     HYDROGRAPH AT
+                   2D184     313.  13.83     193.      68.      33.     41.09
     ROUTED TO
+                    R184     306.  15.83     172.      66.      33.     41.09
     HYDROGRAPH AT
+                     198     587.  13.08     144.      40.      19.       .90
     DIVERSION TO
+                    198R     386.  12.75      47.      13.       6.       .90
     HYDROGRAPH AT
+                    198T     587.  13.08     105.      28.      13.       .90
     2 COMBINED AT
+                   1I198     526.  13.08     206.      88.      44.     41.97
     2 COMBINED AT
+                   2I198     663.  15.83     381.     153.      76.     42.95
     HYDROGRAPH AT
+                   1D184     313.  13.83     193.      68.      33.     41.09
     ROUTED TO
+                    R184     306.  14.75     183.      68.      33.     41.09
     HYDROGRAPH AT
+                     197     468.  13.50     135.      35.      17.      1.00
     2 COMBINED AT
+                   CP197     477.  14.42     268.      98.      48.     42.06
     ROUTED TO
+                    R197     446.  15.00     265.      97.      48.     42.06
     HYDROGRAPH AT
+                     203     145.  12.25      13.       3.       2.       .11
     DIVERSION TO
+                  203RET     145.  12.25      13.       3.       2.       .11
     HYDROGRAPH AT
+                  203OUT       0.    .00       0.       0.       0.       .11
     2 COMBINED AT
+                   CP203     446.  15.00     265.      97.      48.     42.17
     2 COMBINED AT
+                   CP198     990.  15.83     638.     250.     123.     44.06
     ROUTED TO
+                    R198     960.  16.00     633.     249.     123.     44.06
     HYDROGRAPH AT
+                     204     366.  12.25      31.       8.       4.       .27
     2 COMBINED AT
+                   1I204     960.  16.00     633.     254.     126.     44.33
     HYDROGRAPH AT
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+		174	623.	12.25	73.	22.	11.	.45
	DIVERSION TO							
+		174R	623.	12.25	52.	14.	7.	.45
	HYDROGRAPH AT							
+		174T	362.	12.42	28.	8.	4.	.45
	ROUTED TO							
+		R174	128.	13.33	28.	8.	4.	.45
	HYDROGRAPH AT							
+		175	396.	12.25	49.	15.	7.	.28
	DIVERSION TO							
+		175R	396.	12.25	41.	11.	5.	.28
	HYDROGRAPH AT							
+		175T	108.	12.58	14.	4.	2.	.28
	DIVERSION TO							
+		DI175A	108.	12.58	14.	4.	2.	.28
	HYDROGRAPH AT							
+		D175	0.	.00	0.	0.	0.	.28
	ROUTED TO							
+		R175	0.	.00	0.	0.	0.	.28
	HYDROGRAPH AT							
+		176	698.	12.42	90.	25.	12.	.67
	DIVERSION TO							
+		176R	552.	12.25	40.	11.	5.	.67
	HYDROGRAPH AT							
+		176T	698.	12.42	56.	15.	7.	.67
	2 COMBINED AT							
+		1I176	695.	12.42	55.	15.	7.	.95
	2 COMBINED AT							
+		CP176	693.	12.42	82.	23.	11.	1.40
	ROUTED TO							
+		R176	367.	13.00	80.	23.	11.	1.40
	HYDROGRAPH AT							
+		D175	108.	12.58	14.	4.	2.	.28
	ROUTED TO							
+		R175	67.	12.83	13.	4.	2.	.28
	HYDROGRAPH AT							
+		175A	435.	12.50	57.	15.	7.	.47
	DIVERSION TO							
+		175AR	258.	12.17	15.	4.	2.	.47
	HYDROGRAPH AT							
+		175AT	435.	12.50	44.	11.	5.	.47
	2 COMBINED AT							
+		CP175A	434.	12.50	56.	15.	7.	.75
	ROUTED TO							
+		R175A	418.	12.83	55.	15.	7.	.75
	HYDROGRAPH AT							
+		CP3	0.	.00	0.	0.	0.	4.86
	ROUTED TO							
+		R3	0.	.00	0.	0.	0.	4.86
	2 COMBINED AT							
+		1I189	418.	12.83	55.	15.	7.	5.81
	HYDROGRAPH AT							
+		189	514.	12.42	56.	14.	7.	.51
	2 COMBINED AT							

+	CP189	526.	12.83	106.	28.	14.	6.32
ROUTED TO							
+	R189	433.	13.25	105.	28.	14.	6.32
HYDROGRAPH AT							
+	!NR1	256.	12.25	21.	5.	3.	.19
ROUTED TO							
+	RNR1	166.	12.58	21.	5.	3.	.19
HYDROGRAPH AT							
+	190	553.	12.92	118.	33.	16.	.86
DIVERSION TO							
+	190R	472.	12.75	56.	15.	7.	.86
HYDROGRAPH AT							
+	190T	529.	13.00	69.	18.	9.	.86
3 COMBINED AT							
+	!NR2	989.	13.00	194.	52.	25.	2.12
ROUTED TO							
+	RNR2	874.	13.33	192.	52.	25.	2.12
HYDROGRAPH AT							
+	D176A	0.	.00	0.	0.	0.	3.09
ROUTED TO							
+	R176A	0.	.00	0.	0.	0.	3.09
3 COMBINED AT							
+	1I191	1094.	13.25	259.	71.	34.	11.58
HYDROGRAPH AT							
+	191	517.	13.25	125.	31.	15.	.99
2 COMBINED AT							
+	!NR3	1644.	13.25	386.	104.	50.	5.28
DIVERSION TO							
+	1D208	0.	.00	0.	0.	0.	5.28
HYDROGRAPH AT							
+	D191	1644.	13.25	386.	104.	50.	5.28
ROUTED TO							
+	RNR3	1635.	13.33	385.	104.	50.	5.28
HYDROGRAPH AT							
+	192A	327.	12.83	61.	16.	8.	.50
DIVERSION TO							
+	192ART	146.	12.33	10.	3.	1.	.50
HYDROGRAPH AT							
+	192AOT	327.	12.83	52.	13.	6.	.50
DIVERSION TO							
+	DLP5	220.	12.83	35.	9.	4.	.50
HYDROGRAPH AT							
+	D192A	107.	12.83	17.	4.	2.	.50
2 COMBINED AT							
+	!NR4	1684.	13.33	401.	108.	52.	5.78
DIVERSION TO							
+	DINR4	1684.	13.33	401.	108.	52.	5.78
HYDROGRAPH AT							
+	DNR4	0.	.00	0.	0.	0.	5.78
HYDROGRAPH AT							
+	D121A	582.	13.33	131.	40.	19.	3.54
ROUTED TO							
+	RLPUS	521.	13.42	130.	40.	19.	3.54
HYDROGRAPH AT							

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+                    DC131A     615.   14.33      326.      105.       51.      5.87

     2 COMBINED AT
+                     !LP1      926.   13.50      452.      144.       70.      5.87

     ROUTED TO
+                     RLP1      903.   13.50      452.      144.       70.      5.87

     HYDROGRAPH AT
+                    DC145A    1066.   13.25      308.       78.       38.      8.17

     2 COMBINED AT
+                     !LP2     1912.   13.50      752.      222.      107.      8.17

     DIVERSION TO
+                    DILP2     1795.   13.50      743.      220.      106.      8.17

     HYDROGRAPH AT
+                     DLP2      117.   13.50        9.        2.        1.      8.17

     HYDROGRAPH AT
+                    DRLP2     1795.   13.50      743.      220.      106.      8.17

     ROUTED TO
+                    SRLP2      183.   18.00      170.      104.       57.      8.17

     2 COMBINED AT
+                     2LP2      176.   18.08      163.      101.       57.     11.22

     ROUTED TO
+                     RLP2      176.   18.25      163.      101.       56.     11.22

     HYDROGRAPH AT
+                    DC164A     1765.   13.17      360.       90.       44.     10.64

     2 COMBINED AT
+                     !LP3     1768.   13.17      444.      190.      100.     10.64

     ROUTED TO
+                     RLP3     1709.   13.25      442.      190.      100.     10.64

     HYDROGRAPH AT
+                    DC177A      430.   13.17      125.       33.       16.      3.58

     2 COMBINED AT
+                     !LP4     2169.   13.25      576.      228.      119.      3.58

     ROUTED TO
+                     RLP4     2145.   13.33      575.      228.      119.      3.58

     HYDROGRAPH AT
+                    D192A      220.   12.83       35.        9.        4.       .50

     2 COMBINED AT
+                     !LP5     2202.   13.33      590.      228.      119.     12.68

     DIVERSION TO
+                    DILP5     2175.   13.33      580.      223.      117.     12.68

     HYDROGRAPH AT
+                     DLP5        0.     .00        0.        0.        0.     12.68

     2 COMBINED AT
+                    1NRLP        0.     .00        0.        0.        0.     21.07

     HYDROGRAPH AT
+                    DRNR4     1684.   13.33      401.      108.       52.      5.78

     HYDROGRAPH AT
+                    DRLP5     2175.   13.33      580.      223.      117.     12.68

     2 COMBINED AT
+                    2NRLP     3597.   13.33      910.      305.      156.     21.07

     DIVERSION TO
+                   2DILP5     2547.   13.33      601.      186.       94.     21.07

     HYDROGRAPH AT
+                    2DLP5     1050.   13.33      309.      118.       62.     21.07

     HYDROGRAPH AT
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+                    2DRLP5    2547.  13.33    601.    186.    94.    21.07
     ROUTED TO
+                     SRLP5     280.  14.83    215.    107.    59.    21.07
     2 COMBINED AT
+                      2LP5    1059.  13.33    488.    223.   121.    21.07
     DIVERSION TO
+                    4D209A    1059.  13.33    488.    223.   121.    21.07
     HYDROGRAPH AT
+                    DC192A       0.    .00      0.      0.     0.    21.07
     2 COMBINED AT
+                      2NR4       0.    .00      0.      0.     0.    21.07
     ROUTED TO
+                      RNR4       0.    .00      0.      0.     0.    21.07
     HYDROGRAPH AT
+                       192     282.  13.08     60.     15.     7.      .50
     2 COMBINED AT
+                      !NR5     262.  13.08     55.     14.     7.    21.57
     DIVERSION TO
+                     1D209       0.    .00      0.      0.     0.    21.57
     HYDROGRAPH AT
+                     1D192     262.  13.08     55.     14.     7.    21.57
     DIVERSION TO
+                     1D210       0.    .00      0.      0.     0.    21.57
     HYDROGRAPH AT
+                     2D192     262.  13.08     55.     14.     7.    21.57
     ROUTED TO
+                      RNR5     245.  13.17     55.     14.     7.    21.57
     DIVERSION TO
+                     DI211       0.    .00      0.      0.     0.    21.57
     HYDROGRAPH AT
+                     1D193     245.  13.17     55.     14.     7.    21.57
     HYDROGRAPH AT
+                       193     502.  13.25    121.     30.    15.      .91
     DIVERSION TO
+                      DRM6     251.  13.25     60.     15.     7.      .91
     HYDROGRAPH AT
+                      D193     251.  13.25     60.     15.     7.      .91
     2 COMBINED AT
+                      !NR6     477.  13.25    111.     28.    13.    22.48
     DIVERSION TO
+                    NR6RET     477.  13.25    111.     28.    13.    22.48
     HYDROGRAPH AT
+                     BSNR6       0.    .00      0.      0.     0.    22.48
     HYDROGRAPH AT
+                     2D179       0.    .00      0.      0.     0.    18.17
     ROUTED TO
+                      R179       0.    .00      0.      0.     0.    18.17
     HYDROGRAPH AT
+                      194A     210.  12.75     35.      9.     4.      .25
     2 COMBINED AT
+                    CP194A     188.  12.75     31.      8.     4.    36.84
     HYDROGRAPH AT
+                      194B     172.  12.75     28.      7.     3.      .25
     HYDROGRAPH AT
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+                    1D179      654.   14.58      467.      169.      83.     18.17

     ROUTED TO
+                    RRM5       654.   14.58      467.      169.      83.     18.17

     HYDROGRAPH AT
+                    D193       251.   13.25       60.       15.       7.       .91

     2 COMBINED AT
+                    !RM6       811.   13.50      484.      171.      83.     30.39

     4 COMBINED AT
+                   !!194B      930.   13.33      551.      192.      94.     22.98

     ROUTED TO
+                   !!S194      261.   17.83      252.      181.      94.     22.98

     ROUTED TO
+                    R194B      261.   18.00      252.      181.      94.     22.98

     HYDROGRAPH AT
+                    194C       296.   13.17       68.       17.       8.       .49

     2 COMBINED AT
+                   CP194C      382.   13.17      261.      195.     101.     23.47

     ROUTED TO
+                    R194C      372.   13.33      261.      195.     101.     23.47

     HYDROGRAPH AT
+                    D180       408.   13.33      109.       27.      13.     30.29

     ROUTED TO
+                    R180       284.   15.92       96.       27.      13.     30.29

     HYDROGRAPH AT
+                     195       239.   13.50       67.       17.       8.       .49

     2 COMBINED AT
+                    1I195      289.   15.92      134.       42.      20.     33.41

     HYDROGRAPH AT
+                    D181       239.   12.92       60.       15.       7.     30.66

     ROUTED TO
+                    R181       218.   13.17       59.       15.       7.     30.66

     2 COMBINED AT
+                    CP195      419.   13.42      199.       59.      28.     21.43

     2 COMBINED AT
+                   !!C195      755.   13.33      434.      236.     118.     44.90

     ROUTED TO
+                    R195       733.   13.50      431.      235.     118.     44.90

     HYDROGRAPH AT
+                    D182       145.   15.33       89.       36.      17.     38.46

     ROUTED TO
+                    R182       137.   16.50       87.       35.      17.     38.46

     HYDROGRAPH AT
+                     196       284.   13.00       61.       16.       7.       .47

     2 COMBINED AT
+                    1I196      251.   13.00      125.       49.      24.     38.90

     2 COMBINED AT
+                   !!C196      909.   13.42      556.      288.     145.     37.46

     ROUTED TO
+                    R196       899.   13.58      555.      288.     145.     37.46

     HYDROGRAPH AT
+                     202       235.   13.42       66.       16.       8.       .48

     2 COMBINED AT
+                   !!C202     1104.   13.50      604.      301.     152.     37.94

     ROUTED TO
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+		R202	1092.	13.67	602.	301.	152.	37.94
	2 COMBINED AT							
+		CP204	1612.	13.67	1194.	533.	266.	57.76
	ROUTED TO							
+		R204	1610.	13.67	1193.	533.	266.	57.76
	HYDROGRAPH AT							
+		205	112.	12.08	6.	2.	1.	.06
	2 COMBINED AT							
+		!!C205	1610.	13.67	1193.	534.	267.	57.82
	ROUTED TO							
+		R205	1608.	13.75	1193.	534.	267.	57.82
	HYDROGRAPH AT							
+		206	182.	12.17	13.	3.	2.	.12
	2 COMBINED AT							
+		CP206	1608.	13.75	1193.	536.	268.	58.31
	2 COMBINED AT							
+		RCP206	1837.	16.50	1480.	682.	340.	68.69
	ROUTED TO							
+		RR206	1814.	16.75	1464.	681.	340.	68.69
	HYDROGRAPH AT							
+		228A	129.	12.08	10.	3.	1.	.08
	2 COMBINED AT							
+		AFR2K	1813.	16.75	1464.	682.	341.	68.77
	ROUTED TO							
+		R228A	1720.	17.83	1435.	681.	341.	68.77
	HYDROGRAPH AT							
+		1D10	0.	.00	0.	0.	0.	10.87
	HYDROGRAPH AT							
+		2D10	0.	.00	0.	0.	0.	10.87
	2 COMBINED AT							
+		1I188	0.	.00	0.	0.	0.	11.08
	ROUTED TO							
+		R10	0.	.00	0.	0.	0.	11.08
	HYDROGRAPH AT							
+		188	256.	12.25	21.	5.	3.	.19
	2 COMBINED AT							
+		CP188	244.	12.25	20.	5.	2.	11.08
	ROUTED TO							
+		R188	196.	12.42	20.	5.	2.	11.08
	HYDROGRAPH AT							
+		207A	497.	12.42	53.	13.	6.	.50
	2 COMBINED AT							
+		CP207A	671.	12.42	70.	18.	8.	11.58
	ROUTED TO							
+		R207A	642.	12.50	70.	18.	8.	11.58
	HYDROGRAPH AT							
+		214	196.	12.25	17.	4.	2.	.16
	2 COMBINED AT							
+		CP214	738.	12.42	86.	22.	10.	11.74
	ROUTED TO							
+		R214	699.	12.50	86.	22.	10.	11.74
	HYDROGRAPH AT							
+		215A	453.	12.42	49.	12.	6.	.45
	ROUTED TO							

+		R215A	436.	12.50	49.	12.	6.	.45
+	HYDROGRAPH AT	215	383.	12.33	40.	10.	5.	.35
+	2 COMBINED AT	1I215	793.	12.42	88.	22.	11.	.80
+	2 COMBINED AT	2I215	1397.	12.42	170.	42.	20.	12.54
+	DIVERSION TO	1DI216	114.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT	3I215	1284.	12.50	166.	42.	20.	12.54
+	DIVERSION TO	2DI216	755.	12.50	91.	23.	11.	12.54
+	HYDROGRAPH AT	4I215	529.	12.50	75.	19.	9.	12.54
+	DIVERSION TO	3DI216	0.	.00	0.	0.	0.	12.54
+	HYDROGRAPH AT	5I215	529.	12.50	75.	19.	9.	12.54
+	DIVERSION TO	4DI216	155.	12.50	19.	5.	2.	12.54
+	HYDROGRAPH AT	CP215	374.	12.50	57.	14.	7.	12.54
+	ROUTED TO	R215	357.	12.67	57.	14.	7.	12.54
+	HYDROGRAPH AT	233	464.	12.42	52.	13.	6.	.50
+	2 COMBINED AT	CP233	713.	12.50	105.	26.	13.	13.04
+	ROUTED TO	R233	620.	12.75	105.	26.	13.	13.04
+	HYDROGRAPH AT	216	321.	12.92	62.	16.	8.	.51
+	DIVERSION TO	1OL216	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1D216I	271.	12.92	40.	10.	5.	.51
+	DIVERSION TO	2OL216	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2D216I	221.	12.92	27.	7.	3.	.51
+	DIVERSION TO	3OL216	50.	12.42	11.	3.	1.	.51
+	HYDROGRAPH AT	3D216I	171.	12.92	16.	4.	2.	.51
+	DIVERSION TO	4OL216	50.	12.58	8.	2.	1.	.51
+	HYDROGRAPH AT	4D216I	121.	12.92	8.	2.	1.	.51
+	DIVERSION TO	5OL216	50.	12.75	5.	1.	1.	.51
+	HYDROGRAPH AT	5D216I	71.	12.92	3.	1.	0.	.51
	HYDROGRAPH AT							

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+                    1D215      114.   12.42        3.        1.        0.     12.54
     DIVERSION TO
+                    3D183       94.   12.42        3.        1.        0.     12.54
     HYDROGRAPH AT
+                   1DI186       20.   12.42        1.        0.        0.     12.54
     2 COMBINED AT
+                    1I216       71.   12.92        4.        1.        0.     13.58
     DIVERSION TO
+                   1DI217        0.     .00        0.        0.        0.     13.58
     HYDROGRAPH AT
+                    1D216       55.   12.92        3.        1.        0.     13.58
     HYDROGRAPH AT
+                    1216I       50.   12.08       22.        6.        3.       .51
     HYDROGRAPH AT
+                   1DI183       94.   12.42        3.        1.        0.     12.54
     3 COMBINED AT
+                    2I216      158.   12.42       27.        7.        4.     13.58
     DIVERSION TO
+                    4D183      114.   12.42       19.        5.        3.     13.58
     HYDROGRAPH AT
+                   2DI186       44.   12.42        7.        2.        1.     13.58
     DIVERSION TO
+                   2DI217        0.     .00        0.        0.        0.     13.58
     HYDROGRAPH AT
+                    2D216       44.   12.42        7.        2.        1.     13.58
     HYDROGRAPH AT
+                    2216I       50.   12.25       14.        3.        2.       .51
     HYDROGRAPH AT
+                   2DI183      114.   12.42       19.        5.        3.     13.58
     3 COMBINED AT
+                    3I216      208.   12.42       40.       11.        5.     13.58
     DIVERSION TO
+                    5D183       85.   12.42       16.        4.        2.     13.58
     HYDROGRAPH AT
+                   3DI186      122.   12.42       24.        6.        3.     13.58
     DIVERSION TO
+                   3DI217        0.     .00        0.        0.        0.     13.58
     HYDROGRAPH AT
+                    3D216      122.   12.42       24.        6.        3.     13.58
     HYDROGRAPH AT
+                    3216I       50.   12.42       11.        3.        1.       .51
     HYDROGRAPH AT
+                   3DI183       85.   12.42       16.        4.        2.     13.58
     3 COMBINED AT
+                    4I216      257.   12.42       51.       13.        6.     13.58
     HYDROGRAPH AT
+                    2D215      755.   12.50       91.       23.       11.     12.54
     2 COMBINED AT
+                    2I216     1010.   12.42      141.       36.       17.     13.58
     HYDROGRAPH AT
+                    3D215        0.     .00        0.        0.        0.     12.54
     2 COMBINED AT
+                    3I216     1010.   12.42      141.       36.       17.     13.58
     DIVERSION TO
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+		4DI217	4.	12.42	0.	0.	0.	13.58
+	HYDROGRAPH AT	4D216	1005.	12.42	141.	36.	17.	13.58
+	HYDROGRAPH AT	4D215	155.	12.50	19.	5.	2.	12.54
+	2 COMBINED AT	5I216	1160.	12.42	160.	41.	20.	13.58
+	HYDROGRAPH AT	4216I	50.	12.58	8.	2.	1.	.51
+	2 COMBINED AT	6I216	1191.	12.50	167.	42.	20.	13.58
+	DIVERSION TO	5DI217	362.	12.50	34.	9.	4.	13.58
+	HYDROGRAPH AT	5D216	829.	12.50	133.	34.	16.	13.58
+	HYDROGRAPH AT	5216I	50.	12.75	5.	1.	1.	.51
+	2 COMBINED AT	7I216	829.	12.50	137.	35.	17.	13.58
+	DIVERSION TO	6DI217	266.	12.50	35.	9.	4.	13.58
+	HYDROGRAPH AT	6D216	563.	12.50	102.	26.	13.	13.58
+	ROUTED TO	R216	546.	12.67	102.	26.	13.	13.58
+	HYDROGRAPH AT	234	297.	13.17	80.	24.	12.	.53
+	DIVERSION TO	234R	297.	13.17	55.	15.	7.	.53
+	HYDROGRAPH AT	234T	198.	13.58	32.	9.	4.	.53
+	2 COMBINED AT	1I234	572.	12.67	136.	36.	17.	1.04
+	2 COMBINED AT	CP234	1147.	12.67	232.	60.	29.	14.08
+	DIVERSION TO	1D248	447.	12.67	55.	14.	7.	14.08
+	HYDROGRAPH AT	D234	700.	12.67	178.	47.	22.	14.08
+	ROUTED TO	R234	595.	13.25	177.	47.	22.	14.08
+	HYDROGRAPH AT	207	473.	13.25	117.	31.	15.	1.00
+	DIVERSION TO	2D208	364.	13.25	90.	24.	11.	1.00
+	HYDROGRAPH AT	D207	109.	13.25	27.	7.	3.	1.00
+	ROUTED TO	R207	91.	13.92	27.	7.	3.	1.00
+	HYDROGRAPH AT	217	281.	13.00	61.	16.	8.	.49
+	HYDROGRAPH AT	1D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT							

+		2I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		2D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT							
+		3I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		3D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT							
+		4I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		4D216	4.	12.42	0.	0.	0.	13.58
	2 COMBINED AT							
+		5I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		5D216	362.	12.50	34.	9.	4.	13.58
	2 COMBINED AT							
+		6I216	509.	12.50	92.	24.	11.	12.54
	HYDROGRAPH AT							
+		6D216	266.	12.50	35.	9.	4.	13.58
	2 COMBINED AT							
+		7I216	778.	12.50	128.	33.	16.	12.54
	ROUTED TO							
+		RD216	475.	13.17	127.	33.	16.	12.54
	2 COMBINED AT							
+		CP217	488.	13.17	151.	39.	19.	14.03
	DIVERSION TO							
+		DI218	107.	13.17	46.	12.	6.	14.03
	HYDROGRAPH AT							
+		D217	381.	13.17	105.	27.	13.	14.03
	ROUTED TO							
+		R217	369.	13.67	105.	27.	13.	14.03
	HYDROGRAPH AT							
+		235	262.	13.17	72.	22.	11.	.47
	DIVERSION TO							
+		235R	262.	13.17	72.	22.	10.	.47
	HYDROGRAPH AT							
+		235T	2.	18.92	2.	0.	0.	.47
	2 COMBINED AT							
+		1I235	396.	13.67	112.	29.	14.	1.96
	2 COMBINED AT							
+		CP235	877.	13.50	278.	73.	35.	16.04
	DIVERSION TO							
+		2D248	456.	13.50	123.	31.	15.	16.04
	HYDROGRAPH AT							
+		D235	422.	13.50	155.	42.	20.	16.04
	ROUTED TO							
+		R235	397.	14.00	153.	42.	20.	16.04
	HYDROGRAPH AT							
+		D191	0.	.00	0.	0.	0.	5.28
	ROUTED TO							
+		R191	0.	.00	0.	0.	0.	5.28
	HYDROGRAPH AT							
+		208	492.	13.17	117.	31.	15.	1.00
	2 COMBINED AT							

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+                    1I208     471.  13.17     112.     29.     14.    13.18
     HYDROGRAPH AT
+                     D207     364.  13.25      90.     24.     11.     1.00
     ROUTED TO
+                     R207     320.  13.75      90.     24.     11.     1.00
     2 COMBINED AT
+                    CP208     621.  13.25     196.     52.     25.    14.18
     DIVERSION TO
+                    1D219     404.  13.25     132.     35.     17.    14.18
     HYDROGRAPH AT
+                    1D208     217.  13.25      64.     17.      8.    14.18
     DIVERSION TO
+                   DI209A     217.  13.25      64.     17.      8.    14.18
     HYDROGRAPH AT
+                    2D208       0.  13.25       0.      0.      0.    14.18
     ROUTED TO
+                     R208       0.  13.92       0.      0.      0.    14.18
     HYDROGRAPH AT
+                      218     489.  13.25     119.     31.     15.     1.00
     2 COMBINED AT
+                    1I218     463.  13.25     113.     29.     14.    15.18
     HYDROGRAPH AT
+                     D217     107.  13.17      46.     12.      6.    14.03
     ROUTED TO
+                     R217     103.  13.92      46.     12.      6.    14.03
     2 COMBINED AT
+                    CP218     475.  13.25     155.     41.     20.    15.67
     DIVERSION TO
+                    DI237     306.  13.25     114.     31.     15.    15.67
     HYDROGRAPH AT
+                    1D218     169.  13.25      41.     10.      5.    15.67
     DIVERSION TO
+                    2D219      40.  13.25      10.      2.      1.    15.67
     HYDROGRAPH AT
+                    2D218     129.  13.25      32.      8.      4.    15.67
     ROUTED TO
+                     R218     118.  13.58      32.      8.      4.    15.67
     HYDROGRAPH AT
+                      236     516.  13.25     128.     32.     15.     1.00
     2 COMBINED AT
+                    1I236     573.  13.33     153.     38.     18.    16.67
     2 COMBINED AT
+                    CP236     750.  13.42     292.     77.     37.    26.34
     DIVERSION TO
+                    DI249     158.  13.42      36.      9.      4.    26.34
     HYDROGRAPH AT
+                    1D236     593.  13.42     256.     68.     33.    26.34
     DIVERSION TO
+                    1D250     241.  13.42      65.     16.      8.    26.34
     HYDROGRAPH AT
+                    2D236     352.  13.42     190.     52.     25.    26.34
     ROUTED TO
+                     R236     350.  13.67     190.     52.     25.    26.34
     HYDROGRAPH AT
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+	DC192A	1059.	13.33	488.	223.	121.	21.07
ROUTED TO							
+	RLP5	1035.	13.42	487.	223.	121.	21.07
HYDROGRAPH AT							
+	209A	276.	13.08	60.	15.	7.	.50
HYDROGRAPH AT							
+	1D208	217.	13.25	64.	17.	8.	14.18
ROUTED TO							
+	R208	198.	13.42	63.	17.	8.	14.18
3 COMBINED AT							
+	!LP6	1463.	13.42	628.	269.	144.	14.68
DIVERSION TO							
+	3D220	0.	.00	0.	0.	0.	14.68
HYDROGRAPH AT							
+	1D209A	1463.	13.42	628.	269.	144.	14.68
DIVERSION TO							
+	4D209	0.	.00	0.	0.	0.	14.68
HYDROGRAPH AT							
+	2D209A	1463.	13.42	628.	269.	144.	14.68
ROUTED TO							
+	RLP6	1431.	13.50	627.	268.	143.	14.68
HYDROGRAPH AT							
+	2D208	404.	13.25	132.	35.	17.	14.18
ROUTED TO							
+	R208	357.	15.08	123.	35.	17.	14.18
HYDROGRAPH AT							
+	219	278.	13.08	60.	15.	7.	.50
2 COMBINED AT							
+	1I219	364.	15.08	164.	49.	24.	14.68
2 COMBINED AT							
+	2I219	1590.	13.50	783.	315.	166.	15.18
HYDROGRAPH AT							
+	2D218	40.	13.25	10.	2.	1.	15.67
ROUTED TO							
+	R218	35.	14.08	10.	2.	1.	15.67
2 COMBINED AT							
+	!LP7	1603.	13.50	788.	315.	166.	16.67
DIVERSION TO							
+	DI238	0.	.00	0.	0.	0.	16.67
HYDROGRAPH AT							
+	1D219	1595.	13.50	783.	313.	165.	16.67
DIVERSION TO							
+	2D220	0.	.00	0.	0.	0.	16.67
HYDROGRAPH AT							
+	2D219	1595.	13.50	783.	313.	165.	16.67
ROUTED TO							
+	RLP7	1563.	13.58	781.	312.	165.	16.67
HYDROGRAPH AT							
+	1D218	306.	13.25	114.	31.	15.	15.67
ROUTED TO							
+	R218	277.	14.08	111.	31.	15.	15.67
HYDROGRAPH AT							
+	237	280.	13.25	68.	17.	8.	.50
2 COMBINED AT							

+		1I237	384.	13.92	168.	47.	23.	16.17
	2 COMBINED AT							
+		2I237	1894.	13.58	940.	357.	186.	17.17
	2 COMBINED AT							
+		!LP8	2146.	13.67	1070.	383.	199.	27.84
	DIVERSION TO							
+		2D250	0.	.00	0.	0.	0.	27.84
	HYDROGRAPH AT							
+		1D237	2146.	13.67	1070.	383.	199.	27.84
	DIVERSION TO							
+		1D250A	0.	.00	0.	0.	0.	27.84
	HYDROGRAPH AT							
+		2D237	2146.	13.67	1070.	383.	199.	27.84
	ROUTED TO							
+		R237	2139.	13.67	1069.	383.	199.	27.84
	HYDROGRAPH AT							
+		1D192	0.	.00	0.	0.	0.	21.57
	ROUTED TO							
+		R192	0.	.00	0.	0.	0.	21.57
	HYDROGRAPH AT							
+		209	308.	13.08	66.	16.	8.	.50
	2 COMBINED AT							
+		1I209	294.	13.08	63.	16.	8.	13.68
	HYDROGRAPH AT							
+		2D209A	0.	.00	0.	0.	0.	14.68
	ROUTED TO							
+		R209A	0.	.00	0.	0.	0.	14.68
	2 COMBINED AT							
+		CP209	294.	13.08	63.	16.	8.	16.18
	DIVERSION TO							
+		1D221	138.	13.08	34.	9.	4.	16.18
	HYDROGRAPH AT							
+		1D209	153.	13.08	28.	7.	3.	16.18
	DIVERSION TO							
+		2D210	45.	13.08	8.	2.	1.	16.18
	HYDROGRAPH AT							
+		2D209	108.	13.08	20.	5.	2.	16.18
	ROUTED TO							
+		R209	77.	13.92	20.	5.	2.	16.18
	HYDROGRAPH AT							
+		1D209A	0.	.00	0.	0.	0.	14.68
	ROUTED TO							
+		R209A	0.	.00	0.	0.	0.	14.68
	HYDROGRAPH AT							
+		220	281.	13.08	62.	15.	7.	.50
	2 COMBINED AT							
+		1I220	266.	13.08	58.	15.	7.	15.18
	2 COMBINED AT							
+		2I220	273.	13.08	78.	20.	9.	16.68
	HYDROGRAPH AT							
+		2D219	0.	.00	0.	0.	0.	16.67
	ROUTED TO							
+		R219	0.	.00	0.	0.	0.	16.67
	2 COMBINED AT							

+	CP220	273.	13.08	78.	20.	9.	18.17
DIVERSION TO							
+	DI239	198.	13.08	57.	14.	7.	18.17
HYDROGRAPH AT							
+	1D220	73.	13.08	21.	5.	3.	18.17
DIVERSION TO							
+	2D221	64.	13.08	18.	5.	2.	18.17
HYDROGRAPH AT							
+	D220	9.	13.08	3.	1.	0.	18.17
ROUTED TO							
+	R220	7.	15.00	3.	1.	0.	18.17
HYDROGRAPH AT							
+	1D219	0.	.00	0.	0.	0.	16.67
ROUTED TO							
+	R219	0.	.00	0.	0.	0.	16.67
HYDROGRAPH AT							
+	238	301.	13.17	69.	17.	8.	.50
2 COMBINED AT							
+	1I238	285.	13.17	65.	16.	8.	17.17
2 COMBINED AT							
+	2I238	284.	13.17	67.	17.	8.	18.67
2 COMBINED AT							
+	!CM1	2282.	13.67	1118.	395.	205.	30.06
ROUTED TO							
+	SRCM1	209.	22.50	206.	160.	91.	30.06
DIVERSION TO							
+	1DLP9	150.	19.00	150.	133.	78.	30.06
HYDROGRAPH AT							
+	DSRCM1	59.	22.50	56.	27.	13.	30.06
DIVERSION TO							
+	2D250A	0.	.00	0.	0.	0.	30.06
HYDROGRAPH AT							
+	1D238	59.	22.50	56.	27.	13.	30.06
DIVERSION TO							
+	1D251	0.	.00	0.	0.	0.	30.06
HYDROGRAPH AT							
+	2D238	59.	22.50	56.	27.	13.	30.06
ROUTED TO							
+	R238	59.	22.67	56.	27.	13.	30.06
HYDROGRAPH AT							
+	2D192	0.	.00	0.	0.	0.	21.57
ROUTED TO							
+	R192	0.	.00	0.	0.	0.	21.57
HYDROGRAPH AT							
+	210	263.	13.08	58.	15.	7.	.46
2 COMBINED AT							
+	1I210	249.	13.08	55.	14.	7.	13.64
HYDROGRAPH AT							
+	2D209	45.	13.08	8.	2.	1.	16.18
ROUTED TO							
+	R209	36.	13.67	8.	2.	1.	16.18
2 COMBINED AT							
+	CP210	255.	13.08	62.	16.	8.	16.58
ROUTED TO							

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+                    R210     222.   13.92      62.      16.       8.    16.58

     HYDROGRAPH AT
+                   1D209     138.   13.08      34.       9.       4.    16.18

     ROUTED TO
+                    R209      70.   16.00      29.       9.       4.    16.18

     HYDROGRAPH AT
+                     221     269.   13.08      61.      15.       7.      .48

     2 COMBINED AT
+                   1I221     252.   13.08      77.      23.      11.    16.66

     2 COMBINED AT
+                   2I221     331.   13.75     139.      39.      19.    17.06

     HYDROGRAPH AT
+                    D220      64.   13.08      18.       5.       2.    18.17

     ROUTED TO
+                    R220      50.   13.75      18.       5.       2.    18.17

     2 COMBINED AT
+                   CP221     377.   13.75     156.      43.      21.    19.11

     ROUTED TO
+                    R221     341.   14.92     155.      43.      21.    19.11

     HYDROGRAPH AT
+                   1D220     198.   13.08      57.      14.       7.    18.17

     ROUTED TO
+                    R220     111.   16.17      48.      14.       7.    18.17

     HYDROGRAPH AT
+                     239     289.   13.08      64.      16.       8.      .48

     2 COMBINED AT
+                   1I239     270.   13.08      92.      29.      14.    18.65

     2 COMBINED AT
+                   2I239     350.   14.83     242.      72.      35.    19.59

     2 COMBINED AT
+                    !CM2     334.   14.83     237.      95.      46.    31.48

     DIVERSION TO
+                   2D251       0.     .00       0.       0.       0.    31.48

     HYDROGRAPH AT
+                   1D239     334.   14.83     237.      95.      46.    31.48

     DIVERSION TO
+                   DI252       0.     .00       0.       0.       0.    31.48

     HYDROGRAPH AT
+                   2D239     334.   14.83     237.      95.      46.    31.48

     ROUTED TO
+                    RCM2     332.   15.00     236.      95.      46.    31.48

     HYDROGRAPH AT
+                     240     266.   13.00      54.      14.       6.      .40

     2 COMBINED AT
+                    !CM3     471.   13.08     279.     107.      51.    31.88

     ROUTED TO
+                    RCM3     458.   13.33     277.     107.      51.    31.88

     HYDROGRAPH AT
+                     213     351.   12.50      45.      12.       6.      .35

     ROUTED TO
+                    R213     211.   13.42      45.      12.       6.      .35

     HYDROGRAPH AT
+                     212     268.   13.42      74.      18.       9.      .54

     ROUTED TO
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+                    SR212      187.   13.83        46.        12.        6.       .54
     2 COMBINED AT
+                    CP212      298.   13.75        78.        20.       10.     37.23
     ROUTED TO
+                     R212      260.   14.67        76.        20.       10.     37.23
     HYDROGRAPH AT
+                    1D193        0.     .00         0.         0.        0.     21.57
     ROUTED TO
+                     R193        0.     .00         0.         0.        0.     21.57
     HYDROGRAPH AT
+                      211      282.   13.08        63.        16.        8.       .49
     2 COMBINED AT
+                    CP211      268.   13.08        60.        15.        7.     13.87
     ROUTED TO
+                     R211      187.   14.42        59.        15.        7.     13.87
     HYDROGRAPH AT
+                     221A      159.   13.25        39.        10.        5.       .31
     2 COMBINED AT
+                   1I221A      244.   14.25        99.        26.       12.       .80
     ROUTED TO
+                   SR221A      240.   14.33        85.        22.       10.       .80
     2 COMBINED AT
+                   CP221A      449.   14.58       147.        39.       19.     38.03
     ROUTED TO
+                    R221A      416.   15.17       144.        39.       19.     38.03
     HYDROGRAPH AT
+                      222      519.   13.58       165.        46.       22.      1.10
     2 COMBINED AT
+                    CP222      506.   15.08       275.        80.       38.     39.13
     ROUTED TO
+                     R222      475.   15.75       271.        80.       38.     39.13
     2 COMBINED AT
+                     !CM4      763.   15.58       541.       182.       89.     34.67
     HYDROGRAPH AT
+                      226     1458.   12.33       189.        56.       27.      1.18
     ROUTED TO
+                    SR226      474.   12.75       181.        56.       27.      1.18
     ROUTED TO
+                     R226      386.   15.25       180.        56.       27.      1.18
     HYDROGRAPH AT
+                      201      379.   12.33        39.        10.        5.       .34
     ROUTED TO
+                     R201      196.   13.83        39.        10.        5.       .34
     HYDROGRAPH AT
+                      223     1703.   12.42       316.       106.       51.      1.26
     2 COMBINED AT
+                    1I223     1700.   12.42       350.       115.       56.      1.60
     2 COMBINED AT
+                    CP223     1554.   12.42       446.       152.       74.     54.67
     ROUTED TO
+                     R223     1442.   12.67       445.       152.       74.     54.67
     HYDROGRAPH AT
+                      224     1022.   12.33       111.        29.       14.       .80
     2 COMBINED AT
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+                    !BD1N     2125.   12.50      603.      197.      96.      3.58
     ROUTED TO
+                    RBD1N     2125.   12.50      603.      197.      96.      3.58
     HYDROGRAPH AT
+                      241     1455.   12.50      193.       52.      25.      1.51
     2 COMBINED AT
+                    1I241     3136.   12.50      702.      222.     108.     56.98
     2 COMBINED AT
+                    !BD2N     3346.   12.50     1217.      399.     195.     39.76
     ROUTED TO
+                    RBD2N     3152.   12.67     1210.      399.     195.     39.76
     HYDROGRAPH AT
+                      253      487.   13.00      165.       49.      24.      1.01
     DIVERSION TO
+                     253R      487.   13.00      125.       34.      16.      1.01
     HYDROGRAPH AT
+                     253T      283.   13.92       55.       16.       8.      1.01
     2 COMBINED AT
+                    1I253     3152.   12.67     1242.      406.     198.     79.75
     HYDROGRAPH AT
+                     253A      282.   12.33       31.        9.       4.       .25
     DIVERSION TO
+                    253AR      168.   12.08       10.        3.       1.       .25
     HYDROGRAPH AT
+                    253AT      282.   12.33       23.        6.       3.       .25
     ROUTED TO
+                    R253A      132.   13.25       22.        6.       3.       .25
     2 COMBINED AT
+                   !!I253     3152.   12.67     1260.      411.     200.     80.00
     HYDROGRAPH AT
+                      247      283.   13.08       64.       16.       8.       .50
     DIVERSION TO
+                    DI261        0.     .00        0.        0.       0.       .50
     HYDROGRAPH AT
+                     D247      283.   13.08       64.       16.       8.       .50
     ROUTED TO
+                     R247      252.   13.50       64.       16.       8.       .50
     HYDROGRAPH AT
+                      248      466.   13.25      116.       29.      14.      1.00
     HYDROGRAPH AT
+                     D234      447.   12.67       55.       14.       7.     14.08
     ROUTED TO
+                     R234      265.   13.50       55.       14.       7.     14.08
     2 COMBINED AT
+                    1I248      670.   13.33      164.       41.      20.     15.08
     2 COMBINED AT
+                    2I248      883.   13.42      223.       56.      27.     15.58
     HYDROGRAPH AT
+                     D235      456.   13.50      123.       31.      15.     16.04
     ROUTED TO
+                     R235      412.   14.17      123.       31.      15.     16.04
     2 COMBINED AT
+                    CP248     1087.   13.58      342.       86.      41.     17.54
     DIVERSION TO
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+                    DI262    1023.  13.58     331.     83.     40.    17.54
     HYDROGRAPH AT
+                     D248      64.  13.58      11.      3.      1.    17.54
     ROUTED TO
+                     R248      50.  14.58      11.      3.      1.    17.54
     HYDROGRAPH AT
+                      249     514.  13.25     128.     32.     15.     1.00
     2 COMBINED AT
+                    1I249     484.  13.25     131.     33.     16.    18.54
     HYDROGRAPH AT
+                    1D236     158.  13.42      36.      9.      4.    26.34
     ROUTED TO
+                     R236     155.  13.92      36.      9.      4.    26.34
     2 COMBINED AT
+                    CP249     483.  13.33     164.     41.     20.    28.84
     DIVERSION TO
+                    DI264      46.  13.25      13.      3.      2.    28.84
     HYDROGRAPH AT
+                     D249     433.  13.25     149.     37.     18.    28.84
     ROUTED TO
+                     R249     415.  13.83     149.     37.     18.    28.84
     HYDROGRAPH AT
+                    2D236     241.  13.42      65.     16.      8.    26.34
     ROUTED TO
+                     R236     161.  16.83      57.     16.      8.    26.34
     HYDROGRAPH AT
+                      250     294.  13.08      65.     16.      8.      .49
     2 COMBINED AT
+                    1I250     270.  13.08      93.     31.     15.    26.83
     HYDROGRAPH AT
+                   SRCM1D     150.  19.00     150.    133.     78.    30.06
     ROUTED TO
+                     RLP8     150.  19.83     150.    133.     78.    30.06
     2 COMBINED AT
+                    2I250     269.  13.08     192.    149.     94.    28.33
     2 COMBINED AT
+                     !LP9     544.  13.58     277.    183.    110.    31.55
     DIVERSION TO
+                    DI265     544.  13.58     277.    183.    110.    31.55
     HYDROGRAPH AT
+                     D250       0.    .00       0.      0.      0.    31.55
     ROUTED TO
+                     R250       0.    .00       0.      0.      0.    31.55
     HYDROGRAPH AT
+                    2D237       0.    .00       0.      0.      0.    27.84
     ROUTED TO
+                     R237       0.    .00       0.      0.      0.    27.84
     HYDROGRAPH AT
+                     250A     296.  13.17      70.     18.      8.      .51
     2 COMBINED AT
+                   1I250A     234.  13.17      55.     14.      7.   328.35
     HYDROGRAPH AT
+                    1D238       0.    .00       0.      0.      0.    30.06
     ROUTED TO
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+		R238	0.	.00	0.	0.	0.	30.06
	2 COMBINED AT							
+		2I250A	270.	13.17	64.	16.	8.	30.85
	2 COMBINED AT							
+		!!250A	268.	13.17	64.	16.	8.	33.84
	ROUTED TO							
+		R250A	249.	13.42	64.	16.	8.	33.84
	HYDROGRAPH AT							
+		2D238	0.	.00	0.	0.	0.	30.06
	ROUTED TO							
+		R238	0.	.00	0.	0.	0.	30.06
	HYDROGRAPH AT							
+		251	307.	13.17	75.	20.	10.	.50
	DIVERSION TO							
+		251R	251.	12.92	29.	8.	4.	.50
	HYDROGRAPH AT							
+		251T	307.	13.17	49.	13.	6.	.50
	2 COMBINED AT							
+		1I251	278.	13.17	41.	11.	5.	30.84
	HYDROGRAPH AT							
+		1D239	0.	.00	0.	0.	0.	31.48
	ROUTED TO							
+		R239	0.	.00	0.	0.	0.	31.48
	2 COMBINED AT							
+		2I251	278.	13.17	41.	11.	5.	32.26
	2 COMBINED AT							
+		!!C251	485.	13.25	104.	27.	13.	35.76
	ROUTED TO							
+		R251	437.	13.75	103.	27.	13.	35.76
	HYDROGRAPH AT							
+		252	296.	13.17	78.	23.	11.	.50
	DIVERSION TO							
+		252R	296.	13.17	59.	16.	8.	.50
	HYDROGRAPH AT							
+		252T	149.	13.83	25.	7.	3.	.50
	HYDROGRAPH AT							
+		2D239	0.	.00	0.	0.	0.	31.48
	ROUTED TO							
+		R239	0.	.00	0.	0.	0.	31.48
	3 COMBINED AT							
+		!!C252	464.	13.75	118.	31.	15.	36.26
	ROUTED TO							
+		R252	214.	16.67	105.	31.	15.	36.26
	2 COMBINED AT							
+		!BD3N	3152.	12.67	1330.	444.	218.	42.53
	ROUTED TO							
+		RBD3N	2955.	12.92	1312.	440.	216.	42.53
	HYDROGRAPH AT							
+		267	1457.	12.42	201.	59.	28.	1.19
	DIVERSION TO							
+		267R	1457.	12.42	200.	58.	28.	1.19
	HYDROGRAPH AT							
+		267T	9.	23.33	4.	2.	1.	1.19
	2 COMBINED AT							

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+                    !BD4N     2955.   12.92     1312.     440.     216.    43.72
        ROUTED TO
+                    RBD4N     2838.   13.00     1301.     438.     215.    43.72
        HYDROGRAPH AT
+                      286      407.   12.83      108.      29.      14.      .70
        DIVERSION TO
+                     286R      357.   12.58       34.       9.       4.      .70
        HYDROGRAPH AT
+                     286T      407.   12.83       77.      20.      10.      .70
        2 COMBINED AT
+                    1I286     3112.   13.00     1330.     440.     215.    86.98
        HYDROGRAPH AT
+                      288      128.   13.25       34.       9.       5.      .22
        DIVERSION TO
+                     288R      113.   13.08       16.       4.       2.      .22
        HYDROGRAPH AT
+                     288T      123.   13.33       20.       5.       3.      .22
        ROUTED TO
+                     R288      100.   13.67       20.       5.       3.      .22
        2 COMBINED AT
+                    !BD1S     3177.   13.00     1378.     458.     224.    44.64
        DIVERSION TO
+                   DIBD1S     2366.   13.00     1009.     325.     159.    44.64
        HYDROGRAPH AT
+                    DBD1S      811.   13.00      369.     133.      65.    44.64
        ROUTED TO
+                    RBD1S      697.   13.33      363.     133.      65.    44.64
        HYDROGRAPH AT
+                   DRBD1S     2366.   13.00     1009.     325.     159.    44.64
        HYDROGRAPH AT
+                      287      214.   12.67       40.      12.       6.      .23
        DIVERSION TO
+                   DI10C4      107.   12.67       20.       6.       3.      .23
        HYDROGRAPH AT
+                   DT10C4      107.   12.67       20.       6.       3.      .23
        2 COMBINED AT
+                    1BD1S     2425.   13.00     1020.     330.     161.    44.64
        ROUTED TO
+                   SRBD1S     1840.   13.42      943.     315.     152.    44.64
        DIVERSION TO
+                   !ADOTD      478.   13.42      245.      82.      39.    44.64
        HYDROGRAPH AT
+                     D287     1361.   13.42      698.     233.     112.    44.64
        2 COMBINED AT
+                    1BD2S     2040.   13.42     1057.     362.     177.    46.36
        HYDROGRAPH AT
+                      283       84.   12.75       20.       5.       3.      .14
        DIVERSION TO
+                     283R       67.   12.42        5.       1.       1.      .14
        HYDROGRAPH AT
+                     283T       84.   12.75       16.       4.       2.      .14
        ROUTED TO
+                     R283       71.   13.33       16.       4.       2.      .14
        HYDROGRAPH AT
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+                    285B      81.  12.33      10.      3.      1.     .06
     2 COMBINED AT
+                   !10C1      72.  12.33      22.      6.      3.   36.31
     DIVERSION TO
+                   DI297       0.    .00       0.      0.      0.   36.31
     HYDROGRAPH AT
+                   D285B      72.  12.33      22.      6.      3.   36.31
     ROUTED TO
+                   R10C1      64.  12.42      22.      6.      3.   36.31
     HYDROGRAPH AT
+                     266    1000.  12.42     142.     42.     20.     .85
     DIVERSION TO
+                  266RET    1000.  12.42     142.     41.     20.     .85
     HYDROGRAPH AT
+                  266OUT       3.  17.75       2.      1.      0.     .85
     ROUTED TO
+                    R266       2.  20.25       2.      1.      0.     .85
     HYDROGRAPH AT
+                     284     205.  12.75      51.     14.      7.     .34
     DIVERSION TO
+                    284R     202.  12.67      21.      5.      3.     .34
     HYDROGRAPH AT
+                    284T     205.  12.83      32.      8.      4.     .34
     2 COMBINED AT
+                   CP284     202.  12.83      32.      9.      4.    1.15
     ROUTED TO
+                   SR284       0.    .00       0.      0.      0.    1.15
     ROUTED TO
+                    R284       0.    .00       0.      0.      0.    1.15
     HYDROGRAPH AT
+                    285A      80.  12.33      10.      3.      1.     .06
     2 COMBINED AT
+                  1I285A      70.  12.33       9.      3.      1.   37.89
     2 COMBINED AT
+                   !10C2     130.  12.33      30.      9.      4.   37.89
     DIVERSION TO
+                  1D297A       0.    .00       0.      0.      0.   37.89
     HYDROGRAPH AT
+                   D285A     130.  12.33      30.      9.      4.   37.89
     ROUTED TO
+                   R10C2     127.  12.42      30.      9.      4.   37.89
     HYDROGRAPH AT
+                     285      55.  12.33       7.      2.      1.     .04
     2 COMBINED AT
+                   !10C3     170.  12.42      36.     10.      5.   37.93
     DIVERSION TO
+                  2D297A       0.    .00       0.      0.      0.   37.93
     HYDROGRAPH AT
+                    D285     170.  12.42      36.     10.      5.   37.93
     ROUTED TO
+                   R10C3     153.  12.58      36.     10.      5.   37.93
     HYDROGRAPH AT
+                  DR10C4     107.  12.67      20.      6.      3.     .23
     2 COMBINED AT
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+                    !10C4      244.   12.58        54.        16.         8.      38.16

     2 COMBINED AT
+                    !BD2S     2100.   13.33      1084.       377.       184.      46.36

     ROUTED TO
+                    RBD2S     2097.   13.42      1083.       377.       184.      46.36

     HYDROGRAPH AT
+                      298      669.   12.75       127.        35.        17.        .84

     DIVERSION TO
+                     298R      438.   12.42        40.        11.         5.        .84

     HYDROGRAPH AT
+                     298T      669.   12.75        94.        25.        12.        .84

     2 COMBINED AT
+                    !BD3S     2302.   13.33      1142.       396.       193.      47.20

     ROUTED TO
+                    RBD3S     2205.   13.67      1132.       396.       193.      47.20

     HYDROGRAPH AT
+                      316      467.   13.17       115.        30.        15.        .82

     DIVERSION TO
+                     316R      264.   12.67        28.         7.         4.        .82

     HYDROGRAPH AT
+                     316T      467.   13.17        89.        23.        11.        .82

     2 COMBINED AT
+                    !BD4S     2479.   13.58      1200.       414.       202.      48.02

     ROUTED TO
+                    RBD4S     2409.   13.75      1190.       414.       202.      48.02

     HYDROGRAPH AT
+                      334      397.   12.50        69.        18.         9.        .62

     DIVERSION TO
+                     334R      168.   12.17         9.         2.         1.        .62

     HYDROGRAPH AT
+                     334T      397.   12.50        61.        15.         7.        .62

     2 COMBINED AT
+                    1I334     2417.   13.75      1190.       422.       206.      90.57

     HYDROGRAPH AT
+                     D285        0.     .00         0.         0.         0.      37.93

     ROUTED TO
+                     R285        0.     .00         0.         0.         0.      37.93

     HYDROGRAPH AT
+                    D285A        0.     .00         0.         0.         0.      37.89

     ROUTED TO
+                    R285A        0.     .00         0.         0.         0.      37.89

     HYDROGRAPH AT
+                     297A      202.   12.92        45.        13.         6.        .27

     DIVERSION TO
+                    297AR      195.   12.83        24.         7.         3.        .27

     HYDROGRAPH AT
+                    297AT      185.   13.00        24.         7.         3.        .27

     2 COMBINED AT
+                   1I297A      144.   13.08        19.         5.         3.      38.16

     2 COMBINED AT
+                   CP297A      144.   13.08        19.         5.         3.      38.20

     ROUTED TO
+                    R297A       70.   15.00        18.         5.         3.      38.20

     HYDROGRAPH AT
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+		315	257.	13.25	66.	18.	9.	.47
	DIVERSION TO							
+		315R	176.	12.92	22.	6.	3.	.47
	HYDROGRAPH AT							
+		315T	257.	13.25	47.	12.	6.	.47
	2 COMBINED AT							
+		CP315	228.	13.25	57.	15.	7.	38.67
	ROUTED TO							
+		R315	112.	15.17	51.	15.	7.	38.67
	2 COMBINED AT							
+		!BD5S	2435.	13.75	1244.	440.	215.	49.38
	ROUTED TO							
+		RBD5S	2395.	13.83	1241.	440.	215.	49.38
	HYDROGRAPH AT							
+		335	398.	12.67	77.	22.	11.	.43
	2 COMBINED AT							
+		!BD6S	2430.	13.83	1258.	457.	224.	49.81
	ROUTED TO							
+		R335	2415.	13.92	1256.	457.	224.	49.81
	HYDROGRAPH AT							
+		335A	107.	12.25	10.	2.	1.	.07
	2 COMBINED AT							
+		CP335A	2415.	13.92	1256.	459.	225.	49.88
	ROUTED TO							
+		R335A	2403.	14.00	1256.	459.	225.	49.88
	HYDROGRAPH AT							
+		299	325.	12.75	56.	15.	7.	.40
	DIVERSION TO							
+		299R	124.	12.17	7.	2.	1.	.40
	HYDROGRAPH AT							
+		299T	325.	12.75	50.	13.	6.	.40
	ROUTED TO							
+		R299	211.	14.25	50.	13.	6.	.40
	HYDROGRAPH AT							
+		317	323.	13.25	79.	20.	10.	.57
	DIVERSION TO							
+		317R	86.	12.25	5.	1.	1.	.57
	HYDROGRAPH AT							
+		317T	323.	13.25	75.	19.	9.	.57
	2 COMBINED AT							
+		CP317	321.	13.25	124.	31.	15.	.95
	ROUTED TO							
+		R317	292.	13.83	121.	31.	15.	.95
	HYDROGRAPH AT							
+		300	334.	12.83	70.	20.	10.	.39
	ROUTED TO							
+		R300	255.	14.17	69.	20.	10.	.39
	HYDROGRAPH AT							
+		318	598.	12.67	114.	35.	17.	.62
	2 COMBINED AT							
+		CP318	601.	12.67	175.	54.	26.	1.01
	ROUTED TO							
+		R318	553.	12.92	174.	54.	26.	1.01
	HYDROGRAPH AT							

+		301	550.	12.17	60.	19.	9.	.30
+	DIVERSION TO	301R	11.	9.58	7.	2.	1.	.30
+	HYDROGRAPH AT	301T	550.	12.17	60.	17.	8.	.30
+	ROUTED TO	R301	222.	13.83	59.	17.	8.	.30
+	HYDROGRAPH AT	319	595.	12.50	100.	31.	15.	.54
+	2 COMBINED AT	CP319	593.	12.50	150.	47.	23.	.84
+	ROUTED TO	R319	538.	12.83	149.	47.	23.	.84
+	HYDROGRAPH AT	337	748.	12.25	89.	27.	13.	.49
+	3 COMBINED AT	CP337	1163.	12.83	401.	126.	61.	2.34
+	ROUTED TO	SR337	375.	14.92	357.	126.	61.	2.34
+	DIVERSION TO	DI367	375.	14.92	357.	126.	61.	2.34
+	HYDROGRAPH AT	D337	0.	.00	0.	0.	0.	2.34
+	ROUTED TO	R337	0.	.00	0.	0.	0.	2.34
+	2 COMBINED AT	1I336	293.	13.83	121.	31.	15.	33.31
+	HYDROGRAPH AT	336	629.	13.92	256.	79.	38.	1.36
+	2 COMBINED AT	CP336	788.	13.92	315.	95.	46.	88.01
+	ROUTED TO	R336	782.	14.00	315.	95.	46.	88.01
+	2 COMBINED AT	BLRD2	2999.	14.00	1463.	518.	256.	94.97
+	HYDROGRAPH AT	336A	109.	13.50	47.	13.	6.	.37
+	ROUTED TO	R336A	108.	13.75	47.	13.	6.	.37
+	HYDROGRAPH AT	364A	92.	12.67	14.	4.	2.	.10
+	2 COMBINED AT	CP364A	138.	12.75	61.	16.	8.	.44
+	2 COMBINED AT	!!BRD3	3077.	14.00	1498.	530.	262.	97.93
+	ROUTED TO	RBLRD3	3052.	14.17	1497.	530.	262.	97.93
+	HYDROGRAPH AT	365	264.	12.83	48.	13.	6.	.38
+	ROUTED TO	R365	177.	14.50	46.	13.	6.	.38
+	HYDROGRAPH AT	364	305.	13.08	70.	17.	8.	.49
	2 COMBINED AT							

+	CP364	303.	13.08	111.	30.	14.	1.60
ROUTED TO							
+	SR364	275.	13.25	100.	27.	13.	1.60
3 COMBINED AT							
+	AFR6	3448.	14.17	2726.	1189.	593.	103.03
HYDROGRAPH AT							
+	364B	146.	13.08	33.	8.	4.	.23
ROUTED TO							
+	R364B	124.	14.08	33.	8.	4.	.23
HYDROGRAPH AT							
+	363	343.	13.25	87.	22.	10.	.63
2 COMBINED AT							
+	1I363	399.	13.33	119.	30.	14.	.86
HYDROGRAPH AT							
+	314	368.	12.67	70.	20.	10.	.42
DIVERSION TO							
+	314R	368.	12.67	39.	11.	5.	.42
HYDROGRAPH AT							
+	314T	328.	12.83	36.	10.	5.	.42
ROUTED TO							
+	R314	99.	15.25	33.	10.	5.	.42
HYDROGRAPH AT							
+	333	611.	12.50	104.	32.	15.	.58
DIVERSION TO							
+	333R	611.	12.50	92.	25.	12.	.58
HYDROGRAPH AT							
+	333T	114.	13.25	21.	7.	3.	.58
2 COMBINED AT							
+	CP333	114.	13.25	50.	16.	8.	1.00
ROUTED TO							
+	R333	96.	16.17	49.	16.	8.	1.00
HYDROGRAPH AT							
+	348A	212.	12.58	34.	10.	5.	.22
DIVERSION TO							
+	348AR	212.	12.58	23.	6.	3.	.22
HYDROGRAPH AT							
+	348AT	133.	12.83	13.	4.	2.	.22
2 COMBINED AT							
+	CP348A	130.	12.83	57.	20.	10.	1.22
ROUTED TO							
+	R348A	93.	16.58	55.	20.	10.	1.22
HYDROGRAPH AT							
+	348B	420.	13.33	123.	35.	17.	.78
DIVERSION TO							
+	348BR	89.	12.17	14.	4.	2.	.78
HYDROGRAPH AT							
+	348BT	420.	13.33	117.	31.	15.	.78
2 COMBINED AT							
+	CP348B	484.	13.33	166.	50.	24.	1.75
ROUTED TO							
+	SR348B	437.	13.50	165.	50.	24.	1.75
ROUTED TO							
+	R348B	382.	14.33	158.	50.	24.	1.75
2 COMBINED AT							

+		1I363	620.	14.17	253.	79.	38.	2.38
	HYDROGRAPH AT							
+		348	269.	12.75	54.	15.	7.	.34
	DIVERSION TO							
+		348R	269.	12.75	31.	8.	4.	.34
	HYDROGRAPH AT							
+		348T	227.	12.92	27.	7.	3.	.34
	ROUTED TO							
+		SR348	183.	13.08	25.	7.	3.	.34
	DIVERSION TO							
+		DI347	0.	.00	0.	0.	0.	.34
	HYDROGRAPH AT							
+		D348	183.	13.08	25.	7.	3.	.34
	ROUTED TO							
+		R348	98.	14.00	23.	7.	4.	.34
	2 COMBINED AT							
+		CP363	700.	14.17	274.	86.	42.	2.58
	ROUTED TO							
+		R363	631.	14.92	273.	86.	42.	2.58
	HYDROGRAPH AT							
+		362	325.	12.83	60.	15.	7.	.42
	2 COMBINED AT							
+		1I362	631.	14.92	318.	101.	48.	3.14
	HYDROGRAPH AT							
+		265	98.	13.08	33.	8.	4.	.25
	HYDROGRAPH AT							
+		D250	544.	13.58	277.	183.	110.	31.55
	ROUTED TO							
+		RLP9	542.	13.67	277.	183.	110.	31.55
	2 COMBINED AT							
+		!LP10	612.	13.67	300.	189.	113.	33.58
	DIVERSION TO							
+		3D278	612.	13.67	300.	189.	113.	33.58
	HYDROGRAPH AT							
+		DCP265	0.	.00	0.	0.	0.	33.58
	ROUTED TO							
+		R265	0.	.00	0.	0.	0.	33.58
	HYDROGRAPH AT							
+		265A	515.	12.83	135.	36.	18.	.92
	DIVERSION TO							
+		165AR	262.	12.25	21.	6.	3.	.92
	HYDROGRAPH AT							
+		165AT	515.	12.83	119.	31.	15.	.92
	2 COMBINED AT							
+		CP265A	467.	12.83	106.	27.	13.	32.90
	ROUTED TO							
+		R265A	390.	14.00	103.	27.	13.	32.90
	HYDROGRAPH AT							
+		281	394.	13.00	132.	39.	19.	.85
	DIVERSION TO							
+		281R	394.	13.00	101.	27.	13.	.85
	HYDROGRAPH AT							
+		281T	196.	14.00	42.	12.	6.	.85
	2 COMBINED AT							

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+                    CP281     464.   14.00      134.      37.      18.     28.12
     ROUTED TO
+                    SR281     433.   14.42      121.      33.      16.     28.12
     DIVERSION TO
+                    DI280      33.   14.42        9.       3.       1.     28.12
     HYDROGRAPH AT
+                     D281     400.   14.42      112.      31.      15.     28.12
     ROUTED TO
+                     R281     396.   14.42      112.      31.      15.     28.12
     HYDROGRAPH AT
+                      282     154.   12.33       17.       4.       2.       .12
     2 COMBINED AT
+                    CP282     396.   14.42      119.      34.      17.     28.25
     ROUTED TO
+                    SR282     299.   15.00      119.      34.      17.     28.25
     ROUTED TO
+                     R282     291.   15.33      117.      34.      17.     28.25
     HYDROGRAPH AT
+                     296A     458.   12.42       65.      19.       9.       .39
     2 COMBINED AT
+                   CP296A     421.   12.42      169.      51.      25.     28.66
     DIVERSION TO
+                   296ART     421.   12.42       54.      14.       7.     28.66
     HYDROGRAPH AT
+                   296AOT     296.   15.33      128.      37.      18.     28.66
     ROUTED TO
+                    R296A     234.   17.25      119.      37.      18.     28.66
     HYDROGRAPH AT
+                      232     959.   12.42      105.      27.      13.       .93
     DIVERSION TO
+                     2D28     959.   12.42      105.      27.      13.       .93
     HYDROGRAPH AT
+                     D232       0.     .00        0.       0.       0.       .93
     ROUTED TO
+                     R232       0.     .00        0.       0.       0.       .93
     HYDROGRAPH AT
+                      246     706.   12.50       98.      27.      13.       .75
     DIVERSION TO
+                     246R     412.   12.17       27.       7.       3.       .75
     HYDROGRAPH AT
+                     246T     706.   12.50       76.      20.       9.       .75
     2 COMBINED AT
+                    CP246     700.   12.50       75.      19.       9.      1.68
     ROUTED TO
+                    R246      601.   12.75       75.      19.       9.      1.68
     HYDROGRAPH AT
+                      260     532.   12.33       56.      15.       7.       .50
     2 COMBINED AT
+                    CP260     767.   12.67      128.      34.      16.      2.18
     ROUTED TO
+                    R260      668.   13.00      128.      34.      16.      2.18
     HYDROGRAPH AT
+                      273     648.   12.42       74.      19.       9.       .65
     2 COMBINED AT
```

+		!10W1	876.	12.50	200.	52.	25.	2.83
	DIVERSION TO							
+		1D292	0.	.00	0.	0.	0.	2.83
	HYDROGRAPH AT							
+		D273	876.	12.50	200.	52.	25.	2.83
	ROUTED TO							
+		R10W1	856.	12.58	200.	52.	25.	2.83
	HYDROGRAPH AT							
+		261	202.	13.17	48.	13.	6.	.41
	HYDROGRAPH AT							
+		D247	0.	.00	0.	0.	0.	.50
	ROUTED TO							
+		R247	0.	.00	0.	0.	0.	.50
	2 COMBINED AT							
+		CP261	202.	13.17	48.	13.	6.	.91
	DIVERSION TO							
+		DI277	74.	13.17	16.	4.	2.	.91
	HYDROGRAPH AT							
+		D261	126.	13.17	31.	8.	4.	.91
	ROUTED TO							
+		R261	109.	13.75	31.	8.	4.	.91
	HYDROGRAPH AT							
+		274	261.	13.50	73.	18.	9.	.66
	2 COMBINED AT							
+		1I274	347.	13.58	104.	27.	13.	1.57
	2 COMBINED AT							
+		!10W2	894.	12.58	283.	74.	36.	18.76
	DIVERSION TO							
+		2D292	0.	.00	0.	0.	0.	18.76
	HYDROGRAPH AT							
+		D274	894.	12.58	283.	74.	36.	18.76
	ROUTED TO							
+		R10W2	884.	12.67	283.	74.	36.	18.76
	HYDROGRAPH AT							
+		275	117.	12.42	14.	3.	2.	.11
	2 COMBINED AT							
+		!10W3	956.	12.58	295.	77.	37.	19.01
	DIVERSION TO							
+		1D293	0.	.00	0.	0.	0.	19.01
	HYDROGRAPH AT							
+		D275	956.	12.58	295.	77.	37.	19.01
	ROUTED TO							
+		R10W3	925.	12.75	295.	77.	37.	19.01
	HYDROGRAPH AT							
+		276	167.	13.00	33.	8.	4.	.26
	2 COMBINED AT							
+		!10W4	1054.	12.83	325.	85.	41.	19.26
	DIVERSION TO							
+		2D293	0.	.00	0.	0.	0.	19.26
	HYDROGRAPH AT							
+		D276	1054.	12.83	325.	85.	41.	19.26
	ROUTED TO							
+		R10W4	1042.	12.92	325.	85.	41.	19.26
	HYDROGRAPH AT							

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+                    D248     1023.   13.58      331.      83.      40.    17.54
     ROUTED TO
+                    R248     1001.   13.92      330.      83.      40.    17.54
     HYDROGRAPH AT
+                     262      509.   13.25      121.      30.      15.     1.03
     2 COMBINED AT
+                   CP262     1235.   13.83      440.     111.      53.    18.57
     DIVERSION TO
+                   1D278      422.   13.83      150.      38.      18.    18.57
     HYDROGRAPH AT
+                   1D262      813.   13.83      290.      73.      35.    18.57
     DIVERSION TO
+                   DI263      569.   13.83      204.      52.      25.    18.57
     HYDROGRAPH AT
+                   2D262      244.   13.83       85.      21.      10.    18.57
     ROUTED TO
+                   R262       230.   14.67       85.      21.      10.    18.57
     HYDROGRAPH AT
+                   D261        74.   13.17       16.       4.       2.      .91
     ROUTED TO
+                   R261        27.   20.08       16.       4.       2.      .91
     HYDROGRAPH AT
+                    277       495.   13.08      109.      28.      13.      .91
     2 COMBINED AT
+                   1I277      492.   13.08      108.      32.      15.     1.82
     2 COMBINED AT
+                   2I277      463.   13.08      180.      51.      24.    19.48
     2 COMBINED AT
+                   !10W5     1483.   13.08      502.     135.      65.    20.76
     DIVERSION TO
+                   3D293        0.     .00        0.       0.       0.    20.76
     HYDROGRAPH AT
+                    D277     1483.   13.08      502.     135.      65.    20.76
     ROUTED TO
+                   R10W5     1483.   13.08      502.     135.      65.    20.76
     HYDROGRAPH AT
+                   279D        30.   12.17        2.       1.       0.      .02
     2 COMBINED AT
+                   !10W6     1483.   13.08      504.     135.      65.    21.06
     DIVERSION TO
+                   1D294        0.     .00        0.       0.       0.    21.06
     HYDROGRAPH AT
+                   D279D     1481.   13.08      504.     135.      65.    21.06
     ROUTED TO
+                   R10W6     1481.   13.08      504.     135.      65.    21.06
     HYDROGRAPH AT
+                   279C       129.   12.00       11.       4.       2.      .05
     2 COMBINED AT
+                   !10W7     1484.   13.08      511.     138.      67.    21.28
     ROUTED TO
+                  SR10W7      731.   14.00      508.     138.      67.    21.28
     DIVERSION TO
+                   2D294        0.     .00        0.       0.       0.    21.28
     HYDROGRAPH AT
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+	D279C	731.	14.00	508.	138.	67.	21.28
ROUTED TO							
+	R10W7	731.	14.00	508.	138.	67.	21.28
HYDROGRAPH AT							
+	279B	81.	12.00	8.	3.	1.	.03
2 COMBINED AT							
+	!10W8	734.	14.00	513.	141.	68.	21.56
DIVERSION TO							
+	1D294A	0.	.00	0.	0.	0.	21.56
HYDROGRAPH AT							
+	D279B	734.	14.00	513.	141.	68.	21.56
ROUTED TO							
+	R10W8	734.	14.00	513.	141.	68.	21.56
HYDROGRAPH AT							
+	279A	177.	12.00	16.	5.	2.	.07
DIVERSION TO							
+	279ART	177.	12.00	16.	5.	2.	.07
HYDROGRAPH AT							
+	279AOT	0.	.00	0.	0.	0.	.07
2 COMBINED AT							
+	!10W9	734.	14.00	513.	141.	68.	22.26
DIVERSION TO							
+	2D294A	0.	.00	0.	0.	0.	22.26
HYDROGRAPH AT							
+	D279A	733.	14.00	512.	140.	68.	22.26
ROUTED TO							
+	R10W9	733.	14.00	512.	140.	68.	22.26
HYDROGRAPH AT							
+	279	71.	12.25	6.	2.	1.	.05
2 COMBINED AT							
+	!10W10	732.	14.00	517.	142.	68.	22.76
HYDROGRAPH AT							
+	2D262	569.	13.83	204.	52.	25.	18.57
ROUTED TO							
+	R262	554.	14.17	203.	52.	25.	18.57
HYDROGRAPH AT							
+	263	291.	13.08	63.	16.	8.	.50
2 COMBINED AT							
+	CP263	611.	14.00	260.	67.	32.	19.07
DIVERSION TO							
+	2D278	432.	14.00	184.	47.	23.	19.07
HYDROGRAPH AT							
+	D263	178.	14.00	76.	19.	9.	19.07
ROUTED TO							
+	R263	175.	14.33	76.	19.	9.	19.07
HYDROGRAPH AT							
+	D249	46.	13.25	13.	3.	2.	28.84
ROUTED TO							
+	R249	40.	14.58	13.	3.	2.	28.84
HYDROGRAPH AT							
+	264	318.	13.00	66.	16.	8.	.50
2 COMBINED AT							
+	1I264	290.	13.00	72.	18.	9.	29.34
2 COMBINED AT							

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+                    CP264     332.   13.08      144.      37.      18.     30.87
     ROUTED TO
+                    R264      301.   14.17      137.      37.      18.     30.87
     HYDROGRAPH AT
+                    1D262     422.   13.83      150.      38.      18.     18.57
     ROUTED TO
+                    R262      281.   16.08      149.      38.      18.     18.57
     HYDROGRAPH AT
+                    D263      432.   14.00      184.      47.      23.     19.07
     ROUTED TO
+                    R263      405.   15.33      173.      47.      23.     19.07
     2 COMBINED AT
+                    1I278     622.   15.92      322.      85.      41.     19.07
     2 COMBINED AT
+                    2I278     753.   15.83      439.     118.      57.     30.87
     HYDROGRAPH AT
+                    278       452.   13.33      115.      29.      14.      1.00
     HYDROGRAPH AT
+                    DCP265    612.   13.67      300.     189.     113.     33.58
     ROUTED TO
+                    RLP10     610.   13.75      300.     188.     112.     33.58
     2 COMBINED AT
+                    !LP11     979.   13.33      390.     212.     124.     35.83
     ROUTED TO
+                    RLP11     978.   13.33      390.     212.     124.     35.83
     2 COMBINED AT
+                    !LP12    1037.   14.00      787.     328.     180.     36.00
     2 COMBINED AT
+                    ILP12    1746.   14.00     1257.     458.     244.     38.55
     ROUTED TO
+                    SRLP12    525.   18.50      446.     276.     156.     38.55
     DIVERSION TO
+                    3D294A    525.   18.50      446.     276.     156.     38.55
     HYDROGRAPH AT
+                    D279        0.     .00        0.       0.       0.     38.55
     ROUTED TO
+                    R279        0.     .00        0.       0.       0.     38.55
     HYDROGRAPH AT
+                    280       267.   13.33       68.      17.       8.       .61
     HYDROGRAPH AT
+                    D281       33.   14.42        9.       3.       1.     28.12
     ROUTED TO
+                    R281       32.   14.50        9.       3.       1.     28.12
     2 COMBINED AT
+                    1I280     267.   13.33       78.      20.      10.     36.47
     2 COMBINED AT
+                    CP280     231.   13.33       66.      17.       8.     43.77
     ROUTED TO
+                    SR280     150.   13.83       66.      17.       8.     43.77
     ROUTED TO
+                    R280      142.   15.08       66.      17.       8.     43.77
     HYDROGRAPH AT
+                    280A       50.   12.75        8.       2.       1.       .06
     2 COMBINED AT
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+	CP280A	142.	15.08	70.	19.	9.	43.83
ROUTED TO							
+	SR280A	105.	16.42	30.	8.	4.	43.83
ROUTED TO							
+	R280A	97.	17.00	30.	8.	4.	43.83
HYDROGRAPH AT							
+	296	388.	12.58	64.	19.	9.	.38
2 COMBINED AT							
+	CP296	343.	12.58	72.	24.	12.	44.21
DIVERSION TO							
+	296OUT	343.	12.58	67.	19.	9.	44.21
HYDROGRAPH AT							
+	296RET	83.	17.50	21.	6.	3.	44.21
ROUTED TO							
+	R296	33.	20.83	19.	6.	3.	44.21
HYDROGRAPH AT							
+	312	413.	13.17	110.	33.	16.	.66
DIVERSION TO							
+	312R	413.	13.17	92.	25.	12.	.66
HYDROGRAPH AT							
+	312T	163.	14.00	28.	8.	4.	.66
3 COMBINED AT							
+	CP312	233.	17.33	134.	47.	23.	47.40
ROUTED TO							
+	R312	211.	19.17	127.	45.	22.	47.40
HYDROGRAPH AT							
+	331	473.	13.08	110.	29.	14.	.75
DIVERSION TO							
+	331R	268.	12.58	27.	7.	4.	.75
HYDROGRAPH AT							
+	331T	473.	13.08	85.	22.	11.	.75
2 COMBINED AT							
+	1I331	416.	13.08	129.	63.	30.	48.15
HYDROGRAPH AT							
+	295A	106.	12.08	7.	2.	1.	.06
ROUTED TO							
+	R295A	50.	13.17	7.	2.	1.	.06
HYDROGRAPH AT							
+	311A	248.	12.92	49.	12.	6.	.31
2 COMBINED AT							
+	CP311A	267.	12.92	56.	14.	7.	.37
ROUTED TO							
+	R311A	233.	13.75	56.	14.	7.	.37
2 COMBINED AT							
+	CP331	427.	13.08	133.	75.	36.	48.52
HYDROGRAPH AT							
+	D279	525.	18.50	446.	276.	156.	38.55
ROUTED TO							
+	RLP12	525.	18.58	446.	276.	156.	38.55
DIVERSION TO							
+	DILP13	525.	18.58	446.	276.	156.	38.55
HYDROGRAPH AT							
+	2DLP12	0.	.00	0.	0.	0.	38.55
HYDROGRAPH AT							

+		294A	338.	12.25	30.	8.	4.	.26
	2 COMBINED AT							
+		1I294A	297.	12.25	26.	7.	3.	36.40
	HYDROGRAPH AT							
+		D279B	0.	.00	0.	0.	0.	21.56
	ROUTED TO							
+		R279B	0.	.00	0.	0.	0.	21.56
	2 COMBINED AT							
+		2I294A	297.	12.25	26.	7.	3.	36.40
	HYDROGRAPH AT							
+		D279A	0.	.00	0.	0.	0.	22.26
	ROUTED TO							
+		R279A	0.	.00	0.	0.	0.	22.26
	2 COMBINED AT							
+		R279A	297.	12.25	26.	7.	3.	36.40
	ROUTED TO							
+		SR294A	295.	12.33	18.	5.	2.	36.40
	ROUTED TO							
+		R294A	152.	12.58	18.	5.	2.	36.40
	HYDROGRAPH AT							
+		295	486.	12.25	53.	15.	7.	.31
	DIVERSION TO							
+		295RET	187.	11.92	10.	3.	1.	.31
	HYDROGRAPH AT							
+		295OUT	486.	12.25	46.	12.	6.	.31
	HYDROGRAPH AT							
+		2DLP12	525.	18.58	446.	276.	156.	38.55
	3 COMBINED AT							
+		!LP13	523.	18.58	445.	276.	162.	39.62
	ROUTED TO							
+		RLP13	523.	18.67	445.	276.	162.	39.62
	HYDROGRAPH AT							
+		311	398.	13.33	108.	29.	14.	.73
	DIVERSION TO							
+		311R	335.	13.08	46.	12.	6.	.73
	HYDROGRAPH AT							
+		311T	398.	13.33	67.	17.	8.	.73
	2 COMBINED AT							
+		!LP14	524.	18.67	446.	282.	168.	40.35
	ROUTED TO							
+		SRLP14	397.	21.42	371.	253.	142.	40.35
	ROUTED TO							
+		RLP14	396.	21.50	371.	253.	141.	40.35
	HYDROGRAPH AT							
+		330	503.	12.67	89.	25.	12.	.59
	DIVERSION TO							
+		330R	503.	12.67	58.	15.	7.	.59
	HYDROGRAPH AT							
+		330T	357.	12.92	36.	10.	5.	.59
	2 COMBINED AT							
+		1I330	406.	21.42	378.	256.	146.	38.03
	2 COMBINED AT							
+		!LP15	658.	13.08	483.	299.	178.	45.87
	ROUTED TO							

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+                    RLP15     635.  13.17      483.      298.      178.     45.87

     HYDROGRAPH AT
+                     346A     102.  13.00       21.        5.        3.       .16

     2 COMBINED AT
+                    !LP16     719.  13.08      483.      301.      180.     46.03

     ROUTED TO
+                   SRLP16     336.  26.75      325.      243.      130.     46.03

     DIVERSION TO
+                     2D378    336.  26.75      325.      243.      130.     46.03

     HYDROGRAPH AT
+                   2DLP16       0.    .00        0.        0.        0.     46.03

     DIVERSION TO
+                   DI346C       0.    .00        0.        0.        0.     46.03

     HYDROGRAPH AT
+                    D346A       0.    .00        0.        0.        0.     46.03

     ROUTED TO
+                    R346A       0.    .00        0.        0.        0.     46.03

     HYDROGRAPH AT
+                    D285B       0.    .00        0.        0.        0.     36.31

     ROUTED TO
+                    R285B       0.    .00        0.        0.        0.     36.31

     HYDROGRAPH AT
+                      297     211.  13.17       51.       14.        7.       .38

     DIVERSION TO
+                     297R     172.  12.92       20.        5.        3.       .38

     HYDROGRAPH AT
+                     297T     211.  13.17       33.        9.        4.       .38

     2 COMBINED AT
+                    CP297     187.  13.17       27.        7.        3.     36.74

     ROUTED TO
+                    SR297       0.    .00        0.        0.        0.     36.74

     ROUTED TO
+                     R297       0.    .00        0.        0.        0.     36.74

     HYDROGRAPH AT
+                      313     698.  12.17       78.       24.       11.       .43

     DIVERSION TO
+                     313R     698.  12.17       69.       18.        9.       .43

     HYDROGRAPH AT
+                     313T     102.  12.67       16.        5.        2.       .43

     2 COMBINED AT
+                    CP313      18.  12.67        8.        3.        1.     37.12

     ROUTED TO
+                     R313      11.  15.83        7.        3.        1.     37.12

     HYDROGRAPH AT
+                      332     319.  13.17       80.       22.       11.       .56

     DIVERSION TO
+                     332R     238.  12.92       30.        8.        4.       .56

     HYDROGRAPH AT
+                     332T     319.  13.17       54.       14.        7.       .56

     2 COMBINED AT
+                    CP332     283.  13.17       51.       14.        7.     37.68

     ROUTED TO
+                     R332     132.  15.00       49.       14.        7.     37.68

     HYDROGRAPH AT
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+		347	544.	13.08	118.	30.	14.	1.02
	2 COMBINED AT							
+		1I347	481.	13.08	145.	41.	20.	38.70
	2 COMBINED AT							
+		2I347	469.	13.08	140.	39.	19.	52.64
	HYDROGRAPH AT							
+		D348	0.	.00	0.	0.	0.	.34
	ROUTED TO							
+		R348	0.	.00	0.	0.	0.	.34
	2 COMBINED AT							
+		CP347	469.	13.08	140.	39.	19.	52.98
	ROUTED TO							
+		SR347	451.	13.17	140.	39.	19.	52.98
	ROUTED TO							
+		R347	378.	13.92	133.	39.	19.	52.98
	2 COMBINED AT							
+		CP362	808.	13.92	470.	147.	71.	5.70
	ROUTED TO							
+		SR362	740.	15.08	407.	128.	61.	5.70
	ROUTED TO							
+		R362	702.	16.83	399.	128.	61.	5.70
	HYDROGRAPH AT							
+		378	415.	13.42	117.	29.	14.	.78
	HYDROGRAPH AT							
+		2DLP16	336.	26.75	325.	243.	130.	46.03
	ROUTED TO							
+		RLP16	336.	27.00	325.	243.	129.	46.03
	2 COMBINED AT							
+		!LP17	386.	25.92	371.	271.	159.	46.81
	3 COMBINED AT							
+		AFR11	3512.	14.17	2915.	1367.	713.	151.98
	HYDROGRAPH AT							
+		225	488.	12.42	74.	22.	11.	.43
	DIVERSION TO							
+		225R	488.	12.42	50.	14.	6.	.43
	HYDROGRAPH AT							
+		225T	345.	12.67	30.	8.	4.	.43
	HYDROGRAPH AT							
+		225A	457.	12.42	59.	17.	8.	.37
	DIVERSION TO							
+		225AR	394.	12.25	27.	7.	3.	.37
	HYDROGRAPH AT							
+		225AT	457.	12.42	36.	10.	5.	.37
	2 COMBINED AT							
+		CP225	594.	12.67	65.	18.	8.	.80
	ROUTED TO							
+		SR225	30.	13.75	26.	16.	8.	.80
	ROUTED TO							
+		R225	30.	14.83	26.	15.	8.	.80
	HYDROGRAPH AT							
+		242	1187.	12.17	117.	35.	17.	.71
	DIVERSION TO							
+		242R	1187.	12.17	80.	22.	10.	.71
	HYDROGRAPH AT							

+	242T	734.	12.33	47.	13.	6.	.71
2 COMBINED AT +	!!C242	727.	12.33	65.	28.	14.	1.94
ROUTED TO +	R242	454.	12.50	63.	27.	14.	1.94
HYDROGRAPH AT +	243A	353.	12.08	30.	9.	4.	.18
DIVERSION TO +	243AR	353.	12.08	28.	7.	4.	.18
HYDROGRAPH AT +	243AT	18.	12.42	5.	2.	1.	.18
2 COMBINED AT +	!!243A	460.	12.50	67.	29.	15.	1.81
ROUTED TO +	R243A	330.	12.67	65.	29.	15.	1.81
HYDROGRAPH AT +	227	333.	12.25	32.	8.	4.	.23
DIVERSION TO +	227R	193.	12.00	9.	2.	1.	.23
HYDROGRAPH AT +	227T	333.	12.25	24.	6.	3.	.23
ROUTED TO +	R227	227.	12.67	24.	6.	3.	.23
HYDROGRAPH AT +	228	326.	12.33	32.	8.	4.	.28
ROUTED TO +	R228	288.	12.58	32.	8.	4.	.28
HYDROGRAPH AT +	229	750.	12.17	73.	21.	10.	.51
3 COMBINED AT +	CP229	789.	12.25	127.	34.	17.	1.02
DIVERSION TO +	1D230	171.	12.25	28.	7.	4.	1.02
HYDROGRAPH AT +	1D229	617.	12.25	99.	27.	13.	1.02
DIVERSION TO +	DI231	157.	12.25	25.	7.	3.	1.02
HYDROGRAPH AT +	2D229	461.	12.25	74.	20.	10.	1.02
ROUTED TO +	R229	423.	12.50	74.	20.	10.	1.02
HYDROGRAPH AT +	230A	291.	12.17	22.	6.	3.	.18
2 COMBINED AT +	CP230A	539.	12.25	95.	26.	12.	1.20
DIVERSION TO +	2D230	472.	12.25	81.	21.	10.	1.20
HYDROGRAPH AT +	D230A	67.	12.25	14.	4.	2.	1.20
ROUTED TO +	R230A	61.	12.75	14.	4.	2.	1.20
HYDROGRAPH AT +	244A	227.	12.08	16.	4.	2.	.11
DIVERSION TO							

+	244AR	222.	12.00	11.	3.	1.	.11
HYDROGRAPH AT							
+	244AT	156.	12.17	5.	1.	1.	.11
2 COMBINED AT							
+	CP244A	154.	12.17	19.	5.	3.	1.51
ROUTED TO							
+	R244A	55.	13.33	19.	5.	3.	1.51
HYDROGRAPH AT							
+	244	135.	13.00	34.	10.	5.	.19
DIVERSION TO							
+	244R	135.	13.00	29.	8.	4.	.19
HYDROGRAPH AT							
+	244T	44.	13.83	9.	3.	1.	.19
2 COMBINED AT							
+	1I244	88.	13.83	27.	8.	4.	1.50
HYDROGRAPH AT							
+	1D229	171.	12.25	28.	7.	4.	1.02
ROUTED TO							
+	R229	158.	12.42	28.	7.	4.	1.02
HYDROGRAPH AT							
+	230	55.	12.33	7.	2.	1.	.04
2 COMBINED AT							
+	1I230	208.	12.33	34.	9.	4.	1.06
HYDROGRAPH AT							
+	D230A	472.	12.25	81.	21.	10.	1.20
ROUTED TO							
+	R230A	457.	12.33	81.	21.	10.	1.20
2 COMBINED AT							
+	CP230	665.	12.33	115.	31.	15.	1.24
ROUTED TO							
+	R230	624.	12.50	115.	31.	15.	1.24
2 COMBINED AT							
+	CP244	647.	12.50	140.	38.	19.	1.54
DIVERSION TO							
+	DI245	585.	12.50	107.	27.	13.	1.54
HYDROGRAPH AT							
+	D244	62.	12.50	33.	12.	6.	1.54
ROUTED TO							
+	R244	61.	12.92	33.	12.	6.	1.54
HYDROGRAPH AT							
+	244B	62.	12.50	11.	3.	2.	.06
DIVERSION TO							
+	244BR	62.	12.50	9.	3.	1.	.06
HYDROGRAPH AT							
+	244BT	15.	13.00	3.	1.	0.	.06
3 COMBINED AT							
+	!!244B	387.	12.67	100.	40.	21.	1.60
ROUTED TO							
+	R244B	377.	12.75	100.	40.	21.	1.60
HYDROGRAPH AT							
+	2D229	157.	12.25	25.	7.	3.	1.02
ROUTED TO							
+	R229	123.	12.92	25.	7.	3.	1.02
HYDROGRAPH AT							

+		231	303.	12.42	33.	8.	4.	.35
	2 COMBINED AT							
+		CP231	318.	12.50	58.	15.	7.	1.37
	ROUTED TO							
+		R231	223.	13.75	57.	15.	7.	1.37
	HYDROGRAPH AT							
+		D244	585.	12.50	107.	27.	13.	1.54
	ROUTED TO							
+		R244	472.	13.50	107.	27.	13.	1.54
	2 COMBINED AT							
+		1I245	637.	13.67	162.	42.	20.	1.80
	HYDROGRAPH AT							
+		245	168.	12.83	34.	10.	5.	.24
	DIVERSION TO							
+		245RET	142.	12.67	15.	4.	2.	.24
	HYDROGRAPH AT							
+		245OUT	168.	12.83	21.	6.	3.	.24
	3 COMBINED AT							
+		!!C245	772.	13.67	278.	86.	43.	4.16
	2 COMBINED AT							
+		AFR121	3925.	14.17	3059.	1421.	740.	156.14
	HYDROGRAPH AT							
+		!!242A	229.	12.00	16.	5.	2.	.10
	DIVERSION TO							
+		242AR	65.	11.83	5.	1.	1.	.10
	HYDROGRAPH AT							
+		242AT	229.	12.00	13.	3.	2.	.10
	ROUTED TO							
+		R242A	115.	12.42	13.	3.	2.	.10
	HYDROGRAPH AT							
+		242B	669.	12.17	65.	19.	9.	.41
	DIVERSION TO							
+		242BR	618.	12.17	40.	11.	5.	.41
	HYDROGRAPH AT							
+		242BT	556.	12.25	31.	8.	4.	.41
	2 COMBINED AT							
+		!!242B	652.	12.25	43.	12.	6.	.40
	ROUTED TO							
+		R242B	527.	12.42	43.	12.	6.	.40
	HYDROGRAPH AT							
+		243B	132.	12.25	16.	5.	2.	.09
	DIVERSION TO							
+		243BR	132.	12.25	11.	3.	1.	.09
	HYDROGRAPH AT							
+		243BT	78.	12.42	6.	2.	1.	.09
	2 COMBINED AT							
+		CP243B	601.	12.42	49.	14.	7.	.54
	ROUTED TO							
+		R243B	395.	12.67	48.	14.	7.	.54
	HYDROGRAPH AT							
+		243	318.	12.08	25.	7.	3.	.15
	DIVERSION TO							
+		243R	303.	12.00	14.	4.	2.	.15
	HYDROGRAPH AT							

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+                    243T      269.   12.08        12.        3.        2.      .15
     2 COMBINED AT
+                  !!C243      404.   12.67        60.       17.        8.      .54
     ROUTED TO
+                    R243      350.   12.83        59.       17.        8.      .54
     HYDROGRAPH AT
+                    245A      132.   12.17         9.        2.        1.      .09
     2 COMBINED AT
+                  !!245A      349.   12.83        67.       19.        9.     1.46
     ROUTED TO
+                   RR245A     264.   13.25        66.       19.        9.     1.46
     HYDROGRAPH AT
+                     258      375.   12.42        45.       12.        6.      .38
     DIVERSION TO
+                    258R      183.   12.08         9.        2.        1.      .38
     HYDROGRAPH AT
+                    258T      375.   12.42        37.       10.        5.      .38
     ROUTED TO
+                   SR258        0.     .00         0.        0.        0.      .38
     3 COMBINED AT
+                   AFR122     4287.   14.08      3330.     1581.      827.    74.98
     2 COMBINED AT
+                   RCP258     4287.   14.08      3330.     1581.      827.    74.98
     HYDROGRAPH AT
+                    258A      165.   12.25        19.        6.        3.      .12
     DIVERSION TO
+                   258AR      165.   12.25        12.        3.        2.      .12
     HYDROGRAPH AT
+                   258AT      123.   12.42         8.        2.        1.      .12
     DIVERSION TO
+                   DI272      102.   12.42         7.        2.        1.      .12
     HYDROGRAPH AT
+                  1D258A       21.   12.42         1.        0.        0.      .12
     DIVERSION TO
+                   DI259       14.   12.42         0.        0.        0.      .12
     HYDROGRAPH AT
+                  2D258A        7.   12.42         0.        0.        0.      .12
     ROUTED TO
+                   R258A        3.   12.92         0.        0.        0.      .12
     HYDROGRAPH AT
+                    271C      242.   12.58        40.       12.        6.      .18
     DIVERSION TO
+                   271CR      242.   12.58        28.        7.        4.      .18
     HYDROGRAPH AT
+                   271CT      152.   12.83        15.        4.        2.      .18
     2 COMBINED AT
+                  CP271C      152.   12.83        14.        4.        2.      .79
     ROUTED TO
+                  SR271C        0.     .00         0.        0.        0.      .79
     ROUTED TO
+                   R271C        0.     .00         0.        0.        0.      .79
     HYDROGRAPH AT
+                   D258A       14.   12.42         0.        0.        0.      .12
     ROUTED TO
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+		R258A	4.	12.83	0.	0.	0.	.12
	HYDROGRAPH AT							
+		259	263.	12.17	21.	5.	3.	.20
	2 COMBINED AT							
+		CP259	262.	12.17	21.	5.	3.	.32
	ROUTED TO							
+		SR259	0.	.00	0.	0.	0.	.32
	ROUTED TO							
+		R259	0.	.00	0.	0.	0.	.32
	HYDROGRAPH AT							
+		D258A	102.	12.42	7.	2.	1.	.12
	ROUTED TO							
+		R258A	65.	12.67	7.	2.	1.	.12
	2 COMBINED AT							
+		1I272	62.	12.67	7.	2.	1.	.32
	HYDROGRAPH AT							
+		272	267.	12.25	22.	6.	3.	.20
	2 COMBINED AT							
+		2I272	264.	12.25	29.	8.	4.	.52
	2 COMBINED AT							
+		CP272	262.	12.25	29.	8.	4.	1.19
	ROUTED TO							
+		SR272	0.	.00	0.	0.	0.	1.19
	HYDROGRAPH AT							
+		290	516.	12.67	90.	26.	12.	.55
	DIVERSION TO							
+		290R	463.	12.50	44.	12.	6.	.55
	HYDROGRAPH AT							
+		290T	516.	12.67	52.	14.	7.	.55
	ROUTED TO							
+		SR290	257.	13.08	52.	14.	7.	.55
	DIVERSION TO							
+		DI291	125.	13.08	8.	2.	1.	.55
	HYDROGRAPH AT							
+		D290	132.	13.08	43.	12.	6.	.55
	3 COMBINED AT							
+		AFR132	4400.	14.08	3351.	1590.	831.	75.39
	HYDROGRAPH AT							
+		D290	125.	13.08	8.	2.	1.	.55
	ROUTED TO							
+		R290	28.	17.92	8.	2.	1.	.55
	HYDROGRAPH AT							
+		291	1555.	12.17	148.	43.	21.	.99
	DIVERSION TO							
+		291R	1555.	12.17	138.	36.	17.	.99
	HYDROGRAPH AT							
+		291T	96.	12.50	21.	7.	3.	.99
	2 COMBINED AT							
+		CP291	87.	12.75	26.	9.	4.	1.54
	ROUTED TO							
+		SR291	53.	12.92	26.	9.	4.	1.54
	ROUTED TO							
+		R291	42.	14.17	25.	9.	4.	1.54
	HYDROGRAPH AT							

+	287E	375.	12.17	47.	16.	8.	.20
DIVERSION TO							
+	287ER	375.	12.17	42.	12.	6.	.20
HYDROGRAPH AT							
+	287ET	41.	12.50	13.	4.	2.	.20
2 COMBINED AT							
+	I287E	55.	14.17	33.	13.	6.	1.74
HYDROGRAPH AT							
+	288A	63.	12.50	13.	4.	2.	.07
DIVERSION TO							
+	288AR	63.	12.50	13.	4.	2.	.07
HYDROGRAPH AT							
+	288AT	0.	.00	0.	0.	0.	.07
ROUTED TO							
+	R288A	0.	.00	0.	0.	0.	.07
HYDROGRAPH AT							
+	287A	270.	12.58	61.	18.	9.	.34
HYDROGRAPH AT							
+	D287	478.	13.42	245.	82.	39.	44.64
ROUTED TO							
+	RADOT	457.	13.67	243.	82.	39.	44.64
3 COMBINED AT							
+	CP287A	511.	13.58	268.	95.	47.	46.77
ROUTED TO							
+	SR287A	55.	14.17	55.	55.	39.	46.77
ROUTED TO							
+	R287A	55.	15.08	55.	55.	39.	46.77
HYDROGRAPH AT							
+	254	434.	12.17	34.	9.	4.	.28
DIVERSION TO							
+	254RET	434.	12.17	34.	9.	4.	.28
HYDROGRAPH AT							
+	254OUT	0.	.00	0.	0.	0.	.28
ROUTED TO							
+	R254	0.	.00	0.	0.	0.	.28
HYDROGRAPH AT							
+	254B	246.	12.08	15.	4.	2.	.13
2 COMBINED AT							
+	CP254B	244.	12.08	15.	4.	2.	.43
ROUTED TO							
+	R254B	206.	12.25	15.	4.	2.	.43
HYDROGRAPH AT							
+	269	420.	12.17	44.	14.	7.	.23
DIVERSION TO							
+	269R	420.	12.17	41.	11.	5.	.23
HYDROGRAPH AT							
+	269T	23.	12.58	7.	2.	1.	.23
2 COMBINED AT							
+	CP269	206.	12.25	22.	6.	3.	.69
ROUTED TO							
+	R269	185.	12.33	21.	6.	3.	.69
HYDROGRAPH AT							
+	269B	394.	12.17	40.	12.	6.	.27
DIVERSION TO							

+		269BR	394.	12.17	28.	8.	4.	.27
	HYDROGRAPH AT							
+		269BT	246.	12.33	15.	4.	2.	.27
	ROUTED TO							
+		R269B	127.	12.58	15.	4.	2.	.27
	HYDROGRAPH AT							
+		268	523.	12.08	47.	15.	7.	.24
	DIVERSION TO							
+		268R	523.	12.08	47.	14.	7.	.24
	HYDROGRAPH AT							
+		268T	2.	19.42	1.	0.	0.	.24
	3 COMBINED AT							
+		CP268	254.	12.50	35.	10.	5.	1.24
	DIVERSION TO							
+		D288B	0.	.00	0.	0.	0.	1.24
	HYDROGRAPH AT							
+		DI2881	254.	12.50	35.	10.	5.	1.24
	ROUTED TO							
+		R268	245.	12.58	35.	10.	5.	1.24
	HYDROGRAPH AT							
+		288B	945.	12.58	159.	47.	23.	.93
	DIVERSION TO							
+		288BR	945.	12.58	156.	43.	21.	.93
	HYDROGRAPH AT							
+		288BT	22.	13.58	11.	4.	2.	.93
	2 COMBINED AT							
+		CP288B	245.	12.58	43.	15.	7.	2.34
	DIVERSION TO							
+		D288B	0.	.00	0.	0.	0.	2.34
	HYDROGRAPH AT							
+		DI2882	240.	12.58	41.	14.	7.	2.34
	ROUTED TO							
+		R288B	228.	12.67	41.	14.	7.	2.34
	HYDROGRAPH AT							
+		287B	162.	12.17	24.	8.	4.	.10
	3 COMBINED AT							
+		CP287B	280.	12.58	100.	71.	51.	2.84
	ROUTED TO							
+		SR287B	73.	20.42	71.	61.	43.	2.84
	ROUTED TO							
+		R287B	73.	21.25	71.	61.	42.	2.84
	HYDROGRAPH AT							
+		2711	226.	12.00	17.	5.	2.	.11
	HYDROGRAPH AT							
+		254A	336.	12.08	31.	9.	4.	.20
	DIVERSION TO							
+		254AR	336.	12.08	24.	6.	3.	.20
	HYDROGRAPH AT							
+		254AT	137.	12.33	10.	3.	1.	.20
	ROUTED TO							
+		R254A	56.	12.58	9.	3.	1.	.20
	2 COMBINED AT							
+		CP2711	226.	12.00	26.	8.	4.	.33
	ROUTED TO							

+	R2711	227.	12.08	25.	8.	4.	.33
HYDROGRAPH AT +	257	203.	13.42	65.	20.	10.	.34
DIVERSION TO +	257R	203.	13.42	51.	14.	7.	.34
HYDROGRAPH AT +	257T	101.	14:25	20.	6.	3.	.34
DIVERSION TO +	DI271A	33.	14.25	2.	1.	0.	.34
HYDROGRAPH AT +	D257	68.	14.25	18.	5.	3.	.34
ROUTED TO +	R257	44.	15.67	17.	5.	3.	.34
HYDROGRAPH AT +	256	282.	12.83	78.	24.	11.	.43
DIVERSION TO +	256R	282.	12.83	60.	16.	8.	.43
HYDROGRAPH AT +	256T	130.	13.58	26.	8.	4.	.43
2 COMBINED AT +	CP256	129.	13.58	40.	13.	6.	.77
HYDROGRAPH AT +	SUB6	183.	12.17	19.	5.	3.	.10
HYDROGRAPH AT +	SUB7	413.	12.17	35.	9.	4.	.24
DIVERSION TO +	DI255A	206.	12.17	18.	5.	2.	.24
HYDROGRAPH AT +	D7	206.	12.17	18.	5.	2.	.24
3 COMBINED AT +	I2712	384.	12.17	69.	22.	11.	1.11
ROUTED TO +	R256	330.	12.33	69.	22.	11.	1.11
HYDROGRAPH AT +	271A	241.	12.58	39.	12.	6.	.24
DIVERSION TO +	271AR	241.	12.58	28.	7.	4.	.24
HYDROGRAPH AT +	271AT	152.	12.83	15.	4.	2.	.24
HYDROGRAPH AT +	D257	33.	14.25	2.	1.	0.	.34
ROUTED TO +	R257	12.	14.83	2.	1.	0.	.34
2 COMBINED AT +	CP271A	151.	12.83	16.	5.	2.	.48
2 COMBINED AT +	1I271A	330.	12.33	84.	27.	13.	1.59
ROUTED TO +	R271A	276.	12.58	82.	27.	13.	1.59
HYDROGRAPH AT +	255A	916.	12.25	92.	25.	12.	.60
HYDROGRAPH AT +	D7	206.	12.17	18.	5.	2.	.24
2 COMBINED AT							

+		CP255A	1107.	12.17	109.	29.	14.	.84
	ROUTED TO							
+		R255	1087.	12.25	109.	29.	14.	.84
	ROUTED TO							
+		R2712	1067.	12.33	109.	29.	14.	.84
	HYDROGRAPH AT							
+		2712	737.	12.17	70.	21.	10.	.46
	3 COMBINED AT							
+		I2712	1693.	12.25	255.	76.	37.	1.11
	ROUTED TO							
+		SR271	1043.	12.50	254.	76.	37.	1.11
	ROUTED TO							
+		R271	1039.	12.58	254.	76.	37.	1.11
	2 COMBINED AT							
+		MERGE	1092.	12.58	278.	83.	40.	1.34
	ROUTED TO							
+		R271_1	1088.	12.58	278.	83.	40.	1.34
	HYDROGRAPH AT							
+		270	548.	12.08	54.	17.	8.	.29
	2 COMBINED AT							
+		!!2712	1216.	12.17	327.	99.	48.	1.77
	ROUTED TO							
+		R2712	1205.	12.33	327.	99.	48.	1.77
	HYDROGRAPH AT							
+		289C	429.	12.17	50.	14.	7.	.30
	DIVERSION TO							
+		289CR	429.	12.17	27.	7.	3.	.30
	HYDROGRAPH AT							
+		289CT	356.	12.33	26.	7.	3.	.30
	2 COMBINED AT							
+		CP289C	1548.	12.33	349.	105.	51.	3.11
	ROUTED TO							
+		R289C	1345.	12.67	348.	105.	51.	3.11
	HYDROGRAPH AT							
+		289A	326.	12.17	33.	10.	5.	.21
	DIVERSION TO							
+		289AR	277.	12.08	16.	4.	2.	.21
	HYDROGRAPH AT							
+		289AT	325.	12.17	20.	5.	3.	.21
	ROUTED TO							
+		R289A	134.	12.67	19.	5.	3.	.21
	HYDROGRAPH AT							
+		289B	567.	12.08	54.	16.	8.	.29
	DIVERSION TO							
+		289BR	567.	12.08	45.	12.	6.	.29
	HYDROGRAPH AT							
+		289BT	142.	12.42	13.	4.	2.	.29
	3 COMBINED AT							
+		CP289B	1504.	12.67	377.	113.	55.	3.63
	ROUTED TO							
+		SR289B	1202.	13.08	377.	113.	55.	3.63
	ROUTED TO							
+		R289B	1199.	13.08	376.	113.	55.	3.63
	HYDROGRAPH AT							

+	289D	403.	12.17	45.	14.	6.	.26
DIVERSION TO							
+	289DR	403.	12.17	45.	13.	6.	.26
HYDROGRAPH AT							
+	289DT	1.	18.17	1.	0.	0.	.26
2 COMBINED AT							
+	CP289D	1199.	13.08	376.	113.	55.	3.88
ROUTED TO							
+	SR289D	1044.	13.50	375.	113.	55.	3.88
ROUTED TO							
+	R289D	1042.	13.58	374.	113.	55.	3.88
HYDROGRAPH AT							
+	289	495.	12.17	48.	14.	7.	.27
DIVERSION TO							
+	289R	495.	12.17	48.	14.	7.	.27
HYDROGRAPH AT							
+	289T	0.	.00	0.	0.	0.	.27
2 COMBINED AT							
+	CP289	1042.	13.58	374.	113.	55.	4.31
ROUTED TO							
+	SR289	935.	14.00	373.	113.	55.	4.31
ROUTED TO							
+	R289	933.	14.08	373.	113.	55.	4.31
HYDROGRAPH AT							
+	287C	300.	12.25	55.	18.	9.	.23
2 COMBINED AT							
+	1I287C	954.	14.00	414.	130.	63.	4.54
2 COMBINED AT							
+	CP287C	977.	14.08	443.	179.	105.	7.36
ROUTED TO							
+	SR287C	460.	15.00	351.	169.	97.	7.36
ROUTED TO							
+	R287C	459.	15.75	350.	169.	96.	7.36
HYDROGRAPH AT							
+	287D	238.	12.67	49.	16.	7.	.23
2 COMBINED AT							
+	CP287D	467.	15.75	357.	179.	103.	7.59
ROUTED TO							
+	SR287D	68.	33.00	68.	67.	48.	7.59
ROUTED TO							
+	R287D	68.	33.25	68.	67.	47.	7.59
2 COMBINED AT							
+	1RC302	65.	23.83	63.	62.	45.	85.71
DIVERSION TO							
+	DI302	58.	23.83	58.	58.	42.	85.71
HYDROGRAPH AT							
+	D287E	7.	23.83	5.	4.	2.	85.71
2 COMBINED AT							
+	AFR14	5496.	13.92	4338.	2147.	1132.	1.74
HYDROGRAPH AT							
+	D278E	58.	23.83	58.	58.	42.	85.71
ROUTED TO							
+	R287E	58.	24.17	58.	58.	42.	85.71
HYDROGRAPH AT							

+		302	280.	12.17	40.	14.	7.	.15
	DIVERSION TO							
+		302R	280.	12.17	29.	8.	4.	.15
	HYDROGRAPH AT							
+		302T	148.	12.42	18.	5.	3.	.15
	2 COMBINED AT							
+		CP302	151.	12.42	67.	61.	46.	1.89
	ROUTED TO							
+		SR302	62.	23.92	60.	59.	42.	1.89
	DIVERSION TO							
+		DI320	12.	23.92	11.	9.	5.	1.89
	HYDROGRAPH AT							
+		D302	49.	23.83	49.	49.	36.	1.89
	2 COMBINED AT							
+		RCP302	5663.	14.00	4340.	2210.	1180.	85.71
	HYDROGRAPH AT							
+		D302	12.	23.92	11.	9.	5.	1.89
	ROUTED TO							
+		R302	12.	25.00	10.	9.	5.	1.89
	HYDROGRAPH AT							
+		320	766.	12.42	108.	32.	15.	.64
	2 COMBINED AT							
+		CP320	757.	12.42	106.	34.	20.	2.53
	ROUTED TO							
+		SR320	56.	13.33	51.	32.	20.	2.53
	DIVERSION TO							
+		DI338A	0.	.00	0.	0.	0.	2.53
	HYDROGRAPH AT							
+		D320	56.	13.33	51.	32.	20.	2.53
	2 COMBINED AT							
+		AF152A	5800.	14.00	4452.	2279.	1219.	86.35
	HYDROGRAPH AT							
+		D320	0.	.00	0.	0.	0.	2.53
	ROUTED TO							
+		R320	0.	.00	0.	0.	0.	2.53
	HYDROGRAPH AT							
+		338A	866.	12.42	126.	39.	19.	.77
	DIVERSION TO							
+		338AR	192.	11.92	26.	8.	4.	.77
	HYDROGRAPH AT							
+		338AT	866.	12.42	113.	31.	15.	.77
	2 COMBINED AT							
+		CP338A	855.	12.42	112.	30.	15.	3.30
	ROUTED TO							
+		SR338A	740.	12.50	110.	30.	15.	3.30
	ROUTED TO							
+		R338A	706.	12.67	110.	30.	15.	3.30
	HYDROGRAPH AT							
+		338	268.	12.58	43.	12.	6.	.31
	2 COMBINED AT							
+		CP338	964.	12.67	150.	41.	20.	3.61
	2 COMBINED AT							
+		AF152B	5958.	13.92	4537.	2342.	1253.	89.96
	HYDROGRAPH AT							

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+                    D337      375.  14.92      357.      126.      61.      2.34
     ROUTED TO
+                    R337      375.  15.00      357.      126.      61.      2.34
     HYDROGRAPH AT
+                     367      249.  12.08       17.        4.       2.       .15
     2 COMBINED AT
+                   CP367      428.  16.17      365.      129.      63.     89.88
     2 COMBINED AT
+                  AFR153     6078.  14.00     4704.     2346.    1255.     89.88
     HYDROGRAPH AT
+                     370       60.  12.33        5.        1.       1.       .07
     2 COMBINED AT
+                  AFR154     6216.  14.00     4814.     2411.    1291.     89.88
     HYDROGRAPH AT
+                     369      171.  12.25       15.        4.       2.       .15
     2 COMBINED AT
+                   GR151     6384.  13.92     4938.     2486.    1332.     89.88
     HYDROGRAPH AT
+                     366      249.  13.00       52.       13.       6.       .44
     ROUTED TO
+                    R366      128.  16.08       47.       13.       6.       .44
     HYDROGRAPH AT
+                     368      367.  13.58      112.       28.      13.       .83
     2 COMBINED AT
+                   CP368      366.  13.58      142.       41.      20.      1.27
     ROUTED TO
+                   SR368      221.  14.25      124.       37.      18.      1.27
     2 COMBINED AT
+                   GR152     6534.  14.00     5019.     2497.    1335.     89.88
     HYDROGRAPH AT
+                    377A      184.  13.00       39.       10.       5.       .27
     2 COMBINED AT
+                   GR161     6715.  13.92     5144.     2564.    1371.     89.88
     HYDROGRAPH AT
+                     361      147.  13.17       37.        9.       4.       .21
     ROUTED TO
+                   SR361        0.    .00        0.        0.       0.       .21
     ROUTED TO
+                    R361        0.    .00        0.        0.       0.       .21
     HYDROGRAPH AT
+                     377      120.  12.42       15.        4.       2.       .09
     2 COMBINED AT
+                   CP377      119.  12.42       15.        4.       2.       .35
     ROUTED TO
+                   SR377        0.    .00        0.        0.       0.       .35
     ROUTED TO
+                    R377        0.    .00        0.        0.       0.       .35
     HYDROGRAPH AT
+                    377B       55.  13.58       17.        4.       2.       .12
     2 COMBINED AT
+                  CP337B       55.  13.58       16.        4.       2.       .42
     2 COMBINED AT
+                   GR162     7027.  14.08     5151.     2564.    1376.    156.76
     HYDROGRAPH AT
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+                    387      221.  13.00      56.      14.      7.      .25
     2 COMBINED AT
+                   GR163    7051.  14.08    5162.    2565.   1376.   157.01
     HYDROGRAPH AT
+                    386      241.  13.25      66.      17.      8.      .35
     2 COMBINED AT
+                   GR164    7141.  14.00    5189.    2567.   1376.   157.76
     HYDROGRAPH AT
+                   383A      129.  13.00      31.       8.      4.      .16
     2 COMBINED AT
+                   GR165    7162.  14.00    5198.    2567.   1376.   157.52
     HYDROGRAPH AT
+                    383      161.  12.92      35.       9.      4.      .18
     DIVERSION TO
+                   DTC9      161.  12.92      35.       9.      4.      .18
     HYDROGRAPH AT
+                   D383        0.    .00       0.       0.      0.      .18
     2 COMBINED AT
+                   GR166    7176.  14.00    5207.    2573.   1379.   157.76
     HYDROGRAPH AT
+                   381B       69.  12.75      13.       3.      2.      .07
     2 COMBINED AT
+                   GR167    7192.  14.00    5219.    2579.   1382.   157.77
     HYDROGRAPH AT
+                    381      184.  12.92      40.      10.      5.      .21
     ROUTED TO
+                  SR381       82.  13.58      18.       5.      2.      .21
     ROUTED TO
+                   R381       41.  16.75      17.       5.      2.      .21
     HYDROGRAPH AT
+                    380      199.  12.83      47.      12.      6.      .20
     2 COMBINED AT
+                  CP380      198.  12.83      52.      16.      8.      .41
     2 COMBINED AT
+                 RCP380    7212.  14.00    5246.    2588.   1387.   158.18
     HYDROGRAPH AT
+                   D273        0.    .00       0.       0.      0.     2.83
     ROUTED TO
+                   R273        0.    .00       0.       0.      0.     2.83
     HYDROGRAPH AT
+                    292      903.  12.50     116.      31.     15.      .96
     2 COMBINED AT
+                   1I292     891.  12.50     115.      30.     15.     3.79
     HYDROGRAPH AT
+                   D274        0.    .00       0.       0.      0.    18.76
     ROUTED TO
+                   R274        0.    .00       0.       0.      0.    18.76
     2 COMBINED AT
+                  CP292      891.  12.50     115.      30.     15.     5.36
     DIVERSION TO
+                  1D306      445.  12.50      59.      16.      8.     5.36
     HYDROGRAPH AT
+                   D292      442.  12.50      56.      14.      7.     5.36
     ROUTED TO
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+	R292	400.	12.67	56.	14.	7.	5.36
HYDROGRAPH AT +	D275	0.	.00	0.	0.	0.	19.01
ROUTED TO +	R275	0.	.00	0.	0.	0.	19.01
HYDROGRAPH AT +	D276	0.	.00	0.	0.	0.	19.26
ROUTED TO +	R276	0.	.00	0.	0.	0.	19.26
2 COMBINED AT +	1I293	0.	.00	0.	0.	0.	4.77
HYDROGRAPH AT +	293	573.	12.67	93.	24.	11.	.77
2 COMBINED AT +	2I293	561.	12.67	91.	23.	11.	5.54
HYDROGRAPH AT +	D277	0.	.00	0.	0.	0.	20.76
ROUTED TO +	R277	0.	.00	0.	0.	0.	20.76
2 COMBINED AT +	3I293	561.	12.67	91.	23.	11.	25.02
2 COMBINED AT +	CP293	889.	12.67	136.	34.	17.	25.98
ROUTED TO +	R293	726.	13.42	135.	34.	17.	25.98
HYDROGRAPH AT +	293A	380.	12.17	34.	9.	4.	.07
2 COMBINED AT +	CP293A	727.	13.42	164.	42.	20.	26.05
DIVERSION TO +	2D306	74.	13.42	16.	4.	2.	26.05
HYDROGRAPH AT +	D293A	653.	13.42	147.	38.	18.	26.05
ROUTED TO +	R293A	456.	14.92	136.	38.	18.	26.05
HYDROGRAPH AT +	D279D	0.	.00	0.	0.	0.	21.06
ROUTED TO +	R279D	0.	.00	0.	0.	0.	21.06
HYDROGRAPH AT +	D279C	0.	.00	0.	0.	0.	21.28
ROUTED TO +	R279C	0.	.00	0.	0.	0.	21.28
2 COMBINED AT +	1I294	0.	.00	0.	0.	0.	24.32
HYDROGRAPH AT +	294	237.	12.25	19.	5.	2.	.18
2 COMBINED AT +	CP294	213.	12.25	17.	4.	2.	24.50
ROUTED TO +	SR294	0.	.00	0.	0.	0.	24.50
ROUTED TO +	R294	0.	.00	0.	0.	0.	24.50
HYDROGRAPH AT							

+		309	584.	13.17	142.	38.	18.	1.07
	2 COMBINED AT							
+		1I309	538.	13.17	131.	35.	17.	25.57
	2 COMBINED AT							
+		CP309	536.	13.17	251.	72.	35.	27.37
	ROUTED TO							
+		R309	418.	14.42	239.	72.	35.	27.37
	HYDROGRAPH AT							
+		328	513.	12.92	103.	26.	12.	.76
	2 COMBINED AT							
+		CP328	475.	12.92	298.	95.	46.	28.13
	ROUTED TO							
+		R328	359.	15.58	287.	95.	46.	28.13
	HYDROGRAPH AT							
+		344	325.	13.33	83.	21.	10.	.61
	2 COMBINED AT							
+		CP344	479.	13.92	334.	114.	55.	28.74
	HYDROGRAPH AT							
+		D292	445.	12.50	59.	16.	8.	5.36
	ROUTED TO							
+		R292	371.	12.75	59.	16.	8.	5.36
	HYDROGRAPH AT							
+		D293A	74.	13.42	16.	4.	2.	26.05
	ROUTED TO							
+		R293A	67.	13.75	16.	4.	2.	26.05
	2 COMBINED AT							
+		1I306	371.	12.75	73.	20.	10.	26.05
	HYDROGRAPH AT							
+		306	331.	12.92	63.	16.	8.	.49
	2 COMBINED AT							
+		CP306	641.	12.83	128.	34.	16.	26.54
	ROUTED TO							
+		SR306	635.	12.92	124.	32.	15.	26.54
	ROUTED TO							
+		R306	592.	13.17	124.	32.	15.	26.54
	HYDROGRAPH AT							
+		308	260.	12.75	44.	11.	5.	.32
	2 COMBINED AT							
+		CP308	723.	13.17	164.	42.	20.	26.86
	ROUTED TO							
+		R308	666.	13.42	163.	42.	20.	26.86
	HYDROGRAPH AT							
+		327	358.	13.00	73.	18.	9.	.53
	2 COMBINED AT							
+		CP327	864.	13.42	229.	59.	28.	27.39
	ROUTED TO							
+		R327	796.	13.75	228.	59.	28.	27.39
	HYDROGRAPH AT							
+		343	297.	13.17	68.	17.	8.	.51
	2 COMBINED AT							
+		1IC343	950.	13.67	289.	74.	36.	27.90
	2 COMBINED AT							
+		CP343	1394.	13.75	607.	187.	90.	30.59
	ROUTED TO							

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+                    R343    1368.  13.92    603.    187.    90.   30.59
     HYDROGRAPH AT
+                     356     333.  12.58     49.     12.     6.     .35
     2 COMBINED AT
+                   CP356    1374.  13.92    626.    198.    96.   30.94
     ROUTED TO
+                   SR356    1351.  14.08    573.    197.    96.   30.94
     ROUTED TO
+                    R356    1280.  14.50    555.    196.    96.   30.94
     HYDROGRAPH AT
+                     355      90.  12.92     21.      5.     2.     .10
     2 COMBINED AT
+                   1I355    1286.  14.50    557.    199.    98.   31.04
     HYDROGRAPH AT
+                     307     208.  12.58     29.      7.     3.     .21
     ROUTED TO
+                    R307     167.  13.17     29.      7.     3.     .21
     HYDROGRAPH AT
+                     326     333.  13.00     69.     17.     8.     .54
     2 COMBINED AT
+                   CP326     478.  13.08     98.     24.    12.     .75
     ROUTED TO
+                    R326     418.  13.67     98.     24.    12.     .75
     HYDROGRAPH AT
+                    342A     224.  13.17     52.     13.     6.     .38
     2 COMBINED AT
+                  CP342A     554.  13.58    148.     37.    18.    1.13
     ROUTED TO
+                   R342A     530.  13.92    147.     37.    18.    1.13
     HYDROGRAPH AT
+                     354     297.  12.58     42.     11.     5.     .31
     2 COMBINED AT
+                   CP354     535.  13.92    186.     48.    23.    1.44
     ROUTED TO
+                   SR354     463.  14.25    186.     48.    23.    1.44
     ROUTED TO
+                    R354     431.  14.92    180.     48.    23.    1.44
     2 COMBINED AT
+                   2I355    1521.  14.58    714.    241.   118.   32.48
     HYDROGRAPH AT
+                     310     162.  12.58     24.      6.     3.     .19
     ROUTED TO
+                    R310     146.  12.92     24.      6.     3.     .19
     HYDROGRAPH AT
+                     329     455.  12.83     81.     21.    10.     .63
     2 COMBINED AT
+                   CP329     597.  12.83    105.     27.    13.     .82
     ROUTED TO
+                    R329     449.  13.33    104.     27.    13.     .82
     HYDROGRAPH AT
+                     345     273.  13.00     57.     14.     7.     .43
     2 COMBINED AT
+                   CP345     667.  13.17    161.     41.    20.    1.25
     ROUTED TO
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+		R345	641.	13.50	161.	41.	20.	1.25
	HYDROGRAPH AT							
+		357	118.	12.67	18.	5.	2.	.14
	2 COMBINED AT							
+		CP357	658.	13.42	178.	45.	22.	1.39
	HYDROGRAPH AT							
+		346	404.	12.75	68.	17.	8.	.51
	ROUTED TO							
+		R346	370.	13.08	68.	17.	8.	.51
	HYDROGRAPH AT							
+		359	101.	12.58	14.	3.	2.	.10
	2 COMBINED AT							
+		1I359	405.	13.00	82.	21.	10.	.61
	2 COMBINED AT							
+		2I359	924.	13.33	258.	65.	31.	2.00
	HYDROGRAPH AT							
+		D346A	0.	.00	0.	0.	0.	46.03
	ROUTED TO							
+		R346A	0.	.00	0.	0.	0.	46.03
	HYDROGRAPH AT							
+		346C	130.	12.50	20.	6.	3.	.12
	DIVERSION TO							
+		346CR	130.	12.50	14.	4.	2.	.12
	HYDROGRAPH AT							
+		346CT	79.	12.75	8.	2.	1.	.12
	2 COMBINED AT							
+		CP346C	56.	12.83	5.	2.	1.	38.31
	ROUTED TO							
+		SR346C	0.	.00	0.	0.	0.	38.31
	HYDROGRAPH AT							
+		346B	143.	13.25	37.	10.	5.	.27
	DIVERSION TO							
+		346BR	81.	12.75	9.	2.	1.	.27
	HYDROGRAPH AT							
+		346BT	143.	13.25	29.	7.	4.	.27
	2 COMBINED AT							
+		CP346B	127.	13.25	25.	6.	3.	38.58
	ROUTED TO							
+		SR346B	118.	13.33	23.	6.	3.	38.58
	DIVERSION TO							
+		DI360	20.	13.33	2.	1.	0.	38.58
	HYDROGRAPH AT							
+		D346B	99.	13.33	20.	5.	3.	38.58
	ROUTED TO							
+		R346B	79.	14.00	20.	5.	3.	38.58
	2 COMBINED AT							
+		CP359	924.	13.42	277.	70.	34.	40.58
	ROUTED TO							
+		SR359	175.	15.00	150.	64.	31.	40.58
	ROUTED TO							
+		R359	174.	15.83	150.	64.	31.	40.58
	HYDROGRAPH AT							
+		360	176.	13.00	39.	10.	5.	.25
	2 COMBINED AT							

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+                    1I360      174.   15.50      157.      72.      35.    40.83
     HYDROGRAPH AT
+                    D346B       20.   13.33        2.       1.       0.    38.58
     ROUTED TO
+                    R346B        6.   16.75        2.       1.       0.    38.58
     2 COMBINED AT
+                    CP360      177.   16.00      160.      73.      35.    40.83
     ROUTED TO
+                    SR360      176.   16.42      153.      63.      30.    40.83
     ROUTED TO
+                    R360       172.   19.17      144.      63.      30.    40.83
     HYDROGRAPH AT
+                    358        122.   13.17       30.       8.       4.      .19
     2 COMBINED AT
+                    CP358      172.   19.17      144.      69.      33.    41.02
     ROUTED TO
+                    SR358      124.   22.75      111.      43.      21.    41.02
     ROUTED TO
+                    R358       124.   23.08      110.      43.      21.    41.02
     2 COMBINED AT
+                    CP355     1521.   14.58      714.     284.     139.    48.68
     ROUTED TO
+                    SR355     1019.   15.42      557.     235.     113.    48.68
     ROUTED TO
+                    R355       977.   16.25      543.     234.     113.    48.68
     HYDROGRAPH AT
+                    373        398.   12.75       74.      18.       9.      .43
     2 COMBINED AT
+                    1I373      976.   16.25      542.     243.     121.    49.11
     HYDROGRAPH AT
+                    355A        47.   12.50        6.       2.       1.      .04
     ROUTED TO
+                    SR355A       0.     .00        0.       0.       0.      .04
     ROUTED TO
+                    R355A        0.     .00        0.       0.       0.      .04
     2 COMBINED AT
+                    CP373      976.   16.25      542.     243.     121.    49.15
     ROUTED TO
+                    R373       859.   17.50      517.     241.     121.    49.15
     HYDROGRAPH AT
+                    374        493.   13.50      161.      40.      19.      .76
     2 COMBINED AT
+                    1I374      859.   17.50      517.     270.     138.    49.91
     HYDROGRAPH AT
+                    375        274.   13.42       83.      21.      10.      .41
     ROUTED TO
+                    R375       198.   16.08       72.      21.      10.      .41
     2 COMBINED AT
+                    2I374      952.   17.42      555.     288.     147.    50.32
     HYDROGRAPH AT
+                    376        357.   13.00       85.      21.      10.      .42
     ROUTED TO
+                    R376       234.   15.42       76.      21.      10.      .42
     2 COMBINED AT
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+                    CP374     1014.   17.42     584.     307.     156.    50.74
     ROUTED TO
+                    R374       789.   20.83     578.     292.     150.    50.74
     HYDROGRAPH AT
+                    305        521.   13.00     106.      27.      13.      .92
     ROUTED TO
+                    SR305      475.   13.08      97.      24.      12.      .92
     ROUTED TO
+                    R305       453.   13.33      97.      24.      12.      .92
     HYDROGRAPH AT
+                    325        229.   13.25      56.      14.       7.      .49
     2 COMBINED AT
+                    CP325      673.   13.33     152.      38.      18.     1.41
     ROUTED TO
+                    R325       597.   13.83     152.      38.      18.     1.41
     HYDROGRAPH AT
+                    342        267.   12.83      47.      12.       6.      .39
     2 COMBINED AT
+                    CP342      628.   13.83     197.      50.      24.     1.80
     ROUTED TO
+                    R342       609.   14.00     196.      50.      24.     1.80
     HYDROGRAPH AT
+                    325A       294.   13.08      63.      16.       8.      .61
     ROUTED TO
+                    R325A      241.   14.17      63.      16.       8.      .61
     HYDROGRAPH AT
+                    341        366.   13.08      81.      21.      10.      .79
     2 COMBINED AT
+                    CP341      365.   13.08     141.      37.      18.     1.40
     ROUTED TO
+                    R341       308.   14.83     135.      37.      18.     1.40
     HYDROGRAPH AT
+                    353        167.   12.75      29.       7.       4.      .22
     2 COMBINED AT
+                    1I353      308.   14.83     156.      44.      21.     1.62
     2 COMBINED AT
+                    CP353      890.   14.00     349.      93.      45.     3.42
     ROUTED TO
+                    SR353      892.   14.08     349.      93.      45.     3.42
     ROUTED TO
+                    R353       837.   14.50     343.      93.      45.     3.42
     HYDROGRAPH AT
+                    352        144.   12.75      25.       6.       3.      .18
     2 COMBINED AT
+                    CP352      839.   14.50     357.      99.      48.     3.60
     ROUTED TO
+                    SR352      776.   14.75     333.      92.      44.     3.60
     ROUTED TO
+                    R352       593.   17.92     275.      91.      44.     3.60
     HYDROGRAPH AT
+                    372        884.   13.75     311.      78.      38.     1.62
     3 COMBINED AT
+                    1I372      973.   20.75     763.     403.     220.    55.96
     HYDROGRAPH AT
```

+		385	314.	13.17	94.	24.	12.	.39
	ROUTED TO							
+		R385	274.	14.25	90.	24.	12.	.39
	HYDROGRAPH AT							
+		384	264.	12.83	59.	15.	7.	.29
	2 COMBINED AT							
+		CP384	305.	14.25	141.	39.	19.	.65
	ROUTED TO							
+		R384	250.	16.50	123.	39.	19.	.65
	2 COMBINED AT							
+		2I372	1013.	20.75	817.	437.	236.	56.61
	HYDROGRAPH AT							
+		18	1179.	12.17	95.	26.	13.	.81
	ROUTED TO							
+		R18	996.	12.33	95.	26.	13.	.81
	HYDROGRAPH AT							
+		19	819.	12.42	96.	26.	13.	.79
	2 COMBINED AT							
+		CP19	1799.	12.33	190.	52.	25.	1.60
	ROUTED TO							
+		R19	1710.	12.42	190.	52.	25.	1.60
	HYDROGRAPH AT							
+		21	913.	12.42	108.	29.	14.	.79
	2 COMBINED AT							
+		I1CP21	2606.	12.42	296.	80.	39.	2.39
	HYDROGRAPH AT							
+		20	1218.	12.33	138.	37.	18.	1.07
	ROUTED TO							
+		SR20	0.	.00	0.	0.	0.	1.07
	ROUTED TO							
+		R20	0.	.00	0.	0.	0.	1.07
	2 COMBINED AT							
+		CP21	2606.	12.42	296.	80.	39.	3.46
	ROUTED TO							
+		SR21	973.	12.75	118.	32.	15.	3.46
	ROUTED TO							
+		R21	901.	12.92	118.	32.	15.	3.46
	HYDROGRAPH AT							
+		23	310.	12.08	24.	7.	3.	.16
	2 COMBINED AT							
+		CP23	909.	12.92	138.	38.	19.	3.62
	ROUTED TO							
+		SR23	0.	.00	0.	0.	0.	3.62
	ROUTED TO							
+		R23	0.	.00	0.	0.	0.	3.62
	HYDROGRAPH AT							
+		22	730.	12.25	72.	19.	9.	.57
	ROUTED TO							
+		R22	686.	12.42	72.	19.	9.	.57
	HYDROGRAPH AT							
+		22A	733.	12.25	69.	18.	9.	.50
	2 COMBINED AT							
+		I1C22A	1304.	12.33	141.	37.	18.	1.07
	2 COMBINED AT							

+	CP22A	1285.	12.33	138.	37.	18.	4.69
ROUTED TO							
+	R22A	1194.	12.50	138.	37.	18.	4.69
HYDROGRAPH AT							
+	25	560.	12.33	58.	15.	7.	.46
2 COMBINED AT							
+	I1CP25	1670.	12.42	195.	51.	25.	5.15
HYDROGRAPH AT							
+	24	193.	12.25	17.	4.	2.	.14
ROUTED TO							
+	SR24	0.	.00	0.	0.	0.	.14
ROUTED TO							
+	R24	0.	.00	0.	0.	0.	.14
2 COMBINED AT							
+	CP25	1670.	12.42	195.	51.	25.	5.29
ROUTED TO							
+	SR25	1609.	12.50	174.	44.	21.	5.29
HYDROGRAPH AT							
+	26	1333.	12.50	179.	46.	22.	1.16
ROUTED TO							
+	R26	1284.	12.58	179.	46.	22.	1.16
HYDROGRAPH AT							
+	27	1112.	12.33	170.	50.	24.	1.00
DIVERSION TO							
+	27RET	704.	12.08	49.	14.	7.	1.00
HYDROGRAPH AT							
+	27OUT	1112.	12.33	133.	36.	17.	1.00
2 COMBINED AT							
+	I1CP27	2124.	12.50	309.	81.	39.	2.16
ROUTED TO							
+	SR27	2187.	12.33	290.	75.	36.	2.16
2 COMBINED AT							
+	CP27	3761.	12.50	459.	118.	57.	7.45
ROUTED TO							
+	R27	3383.	12.67	457.	118.	57.	7.45
HYDROGRAPH AT							
+	34	457.	12.25	42.	11.	6.	.36
HYDROGRAPH AT							
+	33	811.	12.25	75.	21.	10.	.65
2 COMBINED AT							
+	CP33	1259.	12.25	116.	32.	15.	1.01
ROUTED TO							
+	R33	1203.	12.33	116.	32.	15.	1.01
HYDROGRAPH AT							
+	35	510.	12.17	45.	12.	6.	.39
2 COMBINED AT							
+	I1CP35	1655.	12.25	160.	44.	21.	1.40
HYDROGRAPH AT							
+	32	1154.	12.33	156.	43.	21.	1.29
2 COMBINED AT							
+	CP35	2717.	12.25	313.	86.	42.	2.69
ROUTED TO							
+	R35	2658.	12.33	313.	86.	42.	2.69
HYDROGRAPH AT							

+		36	301.	12.25	26.	7.	3.	.24
	2 COMBINED AT							
+		I1CP36	2923.	12.33	338.	93.	45.	2.93
	HYDROGRAPH AT							
+		37	909.	12.42	115.	31.	15.	.95
	2 COMBINED AT							
+		CP36	3736.	12.33	451.	123.	59.	3.88
	ROUTED TO							
+		R36	3668.	12.42	450.	123.	59.	3.88
	HYDROGRAPH AT							
+		38	926.	12.25	90.	24.	12.	.76
	DIVERSION TO							
+		38RET	602.	12.08	27.	7.	3.	.76
	HYDROGRAPH AT							
+		38OUT	926.	12.25	66.	17.	8.	.76
	2 COMBINED AT							
+		CP38	4319.	12.42	513.	140.	67.	4.64
	ROUTED TO							
+		SR38	4268.	12.42	460.	120.	58.	4.64
	ROUTED TO							
+		R38	4142.	12.58	459.	120.	58.	4.64
	HYDROGRAPH AT							
+		39	722.	12.50	117.	35.	17.	.77
	DIVERSION TO							
+		39RET	722.	12.50	89.	24.	12.	.77
	HYDROGRAPH AT							
+		39OUT	338.	12.92	38.	11.	5.	.77
	2 COMBINED AT							
+		I1CP39	4142.	12.58	494.	131.	63.	5.41
	2 COMBINED AT							
+		CP39	7034.	12.67	922.	241.	116.	12.86
	ROUTED TO							
+		R39	6980.	12.67	919.	241.	116.	12.86
	HYDROGRAPH AT							
+		40	594.	12.25	66.	19.	9.	.52
	DIVERSION TO							
+		40RET	76.	11.83	8.	2.	1.	.52
	HYDROGRAPH AT							
+		40OUT	594.	12.25	62.	16.	8.	.52
	ROUTED TO							
+		R40	503.	12.50	61.	16.	8.	.52
	HYDROGRAPH AT							
+		42	1229.	12.50	209.	64.	31.	1.18
	DIVERSION TO							
+		42RET	875.	12.25	84.	24.	12.	1.18
	HYDROGRAPH AT							
+		42OUT	1229.	12.50	147.	40.	19.	1.18
	2 COMBINED AT							
+		I1CP42	1721.	12.50	206.	56.	27.	1.70
	2 COMBINED AT							
+		CP42	8246.	12.67	1102.	291.	140.	14.56
	ROUTED TO							
+		SR42	7506.	12.83	958.	256.	123.	14.56
	ROUTED TO							

+	R42	7742.	12.83	957.	256.	123.	14.56
HYDROGRAPH AT +	41A1	47.	12.00	3.	1.	0.	.02
ROUTED TO +	SR41A1	23.	12.17	3.	1.	0.	.02
DIVERSION TO +	1D303	23.	12.17	3.	1.	0.	.02
HYDROGRAPH AT +	CP41A1	0.	.00	0.	0.	0.	.02
ROUTED TO +	R41A1	0.	.00	0.	0.	0.	.02
HYDROGRAPH AT +	41A2	64.	12.00	3.	1.	0.	.03
2 COMBINED AT +	CP41A2	63.	12.00	3.	1.	0.	.05
ROUTED TO +	SR41A2	74.	12.00	3.	1.	0.	.05
DIVERSION TO +	2D303	24.	12.00	2.	1.	0.	.05
HYDROGRAPH AT +	D41A2	49.	12.00	1.	0.	0.	.05
ROUTED TO +	R41A2	30.	12.08	1.	0.	0.	.05
HYDROGRAPH AT +	41A3	61.	12.00	3.	1.	0.	.03
2 COMBINED AT +	CP41A3	83.	12.08	4.	1.	0.	.08
ROUTED TO +	SR41A3	23.	12.25	4.	1.	0.	.08
DIVERSION TO +	3D303	23.	12.25	4.	1.	0.	.08
HYDROGRAPH AT +	D41A3	0.	.00	0.	0.	0.	.08
ROUTED TO +	R41A3	0.	.00	0.	0.	0.	.08
HYDROGRAPH AT +	41A	92.	12.00	5.	1.	1.	.05
2 COMBINED AT +	CP41A	91.	12.00	5.	1.	1.	.13
ROUTED TO +	SR41A	24.	12.25	5.	1.	1.	.13
DIVERSION TO +	4D303	24.	12.25	5.	1.	1.	.13
HYDROGRAPH AT +	D41A	0.	.00	0.	0.	0.	.13
ROUTED TO +	R41A	0.	.00	0.	0.	0.	.13
HYDROGRAPH AT +	41-1	223.	12.17	15.	4.	2.	.15
2 COMBINED AT +	CP41-1	222.	12.17	15.	4.	2.	.28
ROUTED TO +	SR41-1	222.	12.25	15.	4.	2.	.28
DIVERSION TO							

+	5D303	45.	12.25	12.	3.	1.	.28
HYDROGRAPH AT							
+	D41-1	177.	12.25	4.	1.	0.	.28
ROUTED TO							
+	R41-1	64.	12.33	4.	1.	0.	.28
HYDROGRAPH AT							
+	41-2	150.	12.17	10.	3.	1.	.10
2 COMBINED AT							
+	CP41-2	149.	12.17	14.	3.	2.	.38
ROUTED TO							
+	SR41-2	38.	12.50	14.	3.	2.	.38
DIVERSION TO							
+	6D303	38.	12.50	14.	3.	2.	.38
HYDROGRAPH AT							
+	D41-2	0.	.00	0.	0.	0.	.38
ROUTED TO							
+	R41-2	0.	.00	0.	0.	0.	.38
HYDROGRAPH AT							
+	41	596.	12.42	82.	24.	12.	.58
DIVERSION TO							
+	41RET	596.	12.42	50.	14.	6.	.58
HYDROGRAPH AT							
+	41OUT	461.	12.58	38.	10.	5.	.58
2 COMBINED AT							
+	CP41	460.	12.58	38.	10.	5.	.68
ROUTED TO							
+	SR41	163.	12.92	37.	10.	5.	.68
DIVERSION TO							
+	7D303	44.	12.92	30.	9.	4.	.68
HYDROGRAPH AT							
+	D41	119.	12.92	8.	2.	1.	.68
ROUTED TO							
+	R41	105.	13.00	8.	2.	1.	.68
HYDROGRAPH AT							
+	43-1	73.	12.08	4.	1.	1.	.04
2 COMBINED AT							
+	CP43-1	102.	13.00	11.	3.	1.	1.00
ROUTED TO							
+	SR43-1	73.	13.17	11.	3.	1.	1.00
DIVERSION TO							
+	1D303A	73.	13.17	11.	3.	1.	1.00
HYDROGRAPH AT							
+	D43-1	0.	.00	0.	0.	0.	1.00
ROUTED TO							
+	R43-1	0.	.00	0.	0.	0.	1.00
HYDROGRAPH AT							
+	43-2	19.	12.00	1.	0.	0.	.01
2 COMBINED AT							
+	CP43-2	18.	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							

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+                    D43-2      0.    .00      0.      0.      0.     1.01
     ROUTED TO
+                    R43-2      0.    .00      0.      0.      0.     1.01
     HYDROGRAPH AT
+                     43-3    106.  12.00      5.      1.      1.      .05
     2 COMBINED AT
+                   CP43-3    103.  12.00      5.      1.      1.     1.06
     ROUTED TO
+                   SR43-3     22.  12.17      5.      1.      1.     1.06
     DIVERSION TO
+                   3D303A     22.  12.17      5.      1.      1.     1.06
     HYDROGRAPH AT
+                    D43-3      0.    .00      0.      0.      0.     1.06
     ROUTED TO
+                    R43-3      0.    .00      0.      0.      0.     1.06
     HYDROGRAPH AT
+                     43-4     64.  12.00      3.      1.      0.      .03
     2 COMBINED AT
+                   CP43-4     61.  12.00      3.      1.      0.     1.09
     ROUTED TO
+                   SR43-4     21.  12.17      3.      1.      0.     1.09
     DIVERSION TO
+                   1DWT#4     21.  12.17      3.      1.      0.     1.09
     HYDROGRAPH AT
+                    D43-4      0.    .00      0.      0.      0.     1.09
     ROUTED TO
+                    R43-4      0.    .00      0.      0.      0.     1.09
     HYDROGRAPH AT
+                     43-5     44.  12.00      2.      1.      0.      .02
     2 COMBINED AT
+                   CP43-5     42.  12.00      2.      1.      0.     1.11
     ROUTED TO
+                   SR43-5     19.  12.17      2.      1.      0.     1.11
     DIVERSION TO
+                   2DWT#4     19.  12.17      2.      1.      0.     1.11
     HYDROGRAPH AT
+                    D43-5      0.    .00      0.      0.      0.     1.11
     ROUTED TO
+                    R43-5      0.    .00      0.      0.      0.     1.11
     HYDROGRAPH AT
+                     43-6     44.  12.00      2.      1.      0.      .02
     2 COMBINED AT
+                   CP43-6     43.  12.00      2.      1.      0.     1.13
     ROUTED TO
+                   SR43-6      5.  12.25      2.      1.      0.     1.13
     DIVERSION TO
+                   3DWT#4      5.  12.25      2.      1.      0.     1.13
     HYDROGRAPH AT
+                    D43-6      0.    .00      0.      0.      0.     1.13
     ROUTED TO
+                    R43-6      0.    .00      0.      0.      0.     1.13
     HYDROGRAPH AT
+                     43-7     46.  12.00      2.      1.      0.      .02
     2 COMBINED AT
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+	CP43-7	44.	12.00	2.	1.	0.	1.15
ROUTED TO							
+	SR43-7	20.	12.08	2.	1.	0.	1.15
DIVERSION TO							
+	4DWT#4	20.	12.08	2.	1.	0.	1.15
HYDROGRAPH AT							
+	D43-7	0.	.00	0.	0.	0.	1.15
ROUTED TO							
+	R43-7	0.	.00	0.	0.	0.	1.15
HYDROGRAPH AT							
+	43-8	23.	12.00	1.	0.	0.	.01
2 COMBINED AT							
+	CP43-8	22.	12.00	1.	0.	0.	1.16
ROUTED TO							
+	SR43-8	12.	12.08	1.	0.	0.	1.16
DIVERSION TO							
+	5DWT#4	12.	12.08	1.	0.	0.	1.16
HYDROGRAPH AT							
+	D43-8	0.	.00	0.	0.	0.	1.16
ROUTED TO							
+	R43-8	0.	.00	0.	0.	0.	1.16
HYDROGRAPH AT							
+	43	23.	12.00	1.	0.	0.	.01
2 COMBINED AT							
+	I1CP43	22.	12.00	1.	0.	0.	1.17
2 COMBINED AT							
+	CP43	7786.	12.83	962.	258.	124.	13.90
ROUTED TO							
+	SR43	6851.	12.92	962.	258.	124.	13.90
DIVERSION TO							
+	DI45-1	2360.	12.92	129.	32.	15.	13.90
HYDROGRAPH AT							
+	D43	4492.	12.92	833.	225.	108.	13.90
ROUTED TO							
+	RD43	4422.	13.00	829.	225.	108.	13.90
HYDROGRAPH AT							
+	D43-4	21.	12.17	3.	1.	0.	1.09
ROUTED TO							
+	RD43-4	13.	12.67	3.	1.	0.	1.09
HYDROGRAPH AT							
+	D43-5	19.	12.17	2.	1.	0.	1.11
ROUTED TO							
+	RD43-5	13.	12.58	2.	1.	0.	1.11
2 COMBINED AT							
+	I1CWT4	27.	12.67	5.	1.	1.	.05
HYDROGRAPH AT							
+	D43-6	5.	12.25	2.	1.	0.	1.13
ROUTED TO							
+	RD43-6	4.	13.25	2.	1.	0.	1.13
2 COMBINED AT							
+	I2CWT4	29.	12.67	7.	2.	1.	.07
HYDROGRAPH AT							
+	D43-7	20.	12.08	2.	1.	0.	1.15
ROUTED TO							

+		RD43-7	12.	12.58	2.	1.	0.	1.15
	2 COMBINED AT							
+		I3CWT4	41.	12.58	10.	2.	1.	.09
	HYDROGRAPH AT							
+		D43-8	12.	12.08	1.	0.	0.	1.16
	ROUTED TO							
+		RD43-8	5.	12.58	1.	0.	0.	1.16
	2 COMBINED AT							
+		I4CWT4	46.	12.58	11.	3.	1.	.10
	HYDROGRAPH AT							
+		44	287.	12.25	24.	6.	3.	.22
	2 COMBINED AT							
+		I5CWT4	308.	12.25	35.	9.	4.	.32
	2 COMBINED AT							
+		CP44	4450.	13.00	850.	233.	112.	14.12
	HYDROGRAPH AT							
+		45-1	137.	12.08	9.	2.	1.	.08
	HYDROGRAPH AT							
+		D43	2360.	12.92	129.	32.	15.	13.90
	2 COMBINED AT							
+		CP45-1	2355.	12.92	137.	34.	16.	13.98
	ROUTED TO							
+		SR45-1	2205.	13.00	137.	34.	16.	13.98
	DIVERSION TO							
+		7DWT#4	396.	13.00	40.	10.	5.	13.98
	HYDROGRAPH AT							
+		D45-1	1809.	13.00	97.	24.	12.	13.98
	ROUTED TO							
+		R45-1	1652.	13.00	97.	24.	12.	13.98
	HYDROGRAPH AT							
+		45	845.	12.00	45.	12.	6.	.38
	2 COMBINED AT							
+		CP45	2024.	13.00	159.	40.	19.	4.44
	ROUTED TO							
+		SR45	1738.	13.08	159.	40.	19.	4.44
	DIVERSION TO							
+		8DWT#4	366.	13.08	104.	26.	13.	4.44
	HYDROGRAPH AT							
+		D45	1372.	13.08	54.	14.	7.	4.44
	ROUTED TO							
+		R45	980.	13.17	54.	14.	7.	4.44
	HYDROGRAPH AT							
+		46-1	152.	12.25	16.	4.	2.	.15
	2 COMBINED AT							
+		CP46-1	989.	13.17	69.	17.	8.	14.51
	ROUTED TO							
+		SR46-1	390.	13.42	53.	13.	6.	14.51
	DIVERSION TO							
+		9DWT#4	164.	13.33	45.	11.	5.	14.51
	HYDROGRAPH AT							
+		D46-1	227.	13.42	8.	2.	1.	14.51
	ROUTED TO							
+		R46-1	130.	13.50	8.	2.	1.	14.51
	HYDROGRAPH AT							

+		46	529.	12.58	91.	23.	11.	.85
	2 COMBINED AT							
+		I1CP46	497.	12.58	93.	24.	11.	15.36
	HYDROGRAPH AT							
+		28	771.	12.50	104.	29.	14.	.86
	HYDROGRAPH AT							
+		!JR1	959.	12.42	105.	27.	13.	.93
	DIVERSION TO							
+		JRBSN	855.	12.42	85.	22.	10.	.93
	HYDROGRAPH AT							
+		DBJR1	103.	12.42	20.	5.	2.	.93
	HYDROGRAPH AT							
+		DBJR1	855.	12.42	85.	22.	10.	.93
	ROUTED TO							
+		SRJR1	63.	13.00	34.	11.	5.	.93
	2 COMBINED AT							
+		2JR1	150.	12.83	52.	16.	8.	.93
	ROUTED TO							
+		RJR1	138.	13.00	51.	16.	8.	.93
	2 COMBINED AT							
+		!JR2	850.	12.50	151.	44.	21.	1.79
	ROUTED TO							
+		RJR2	804.	12.58	151.	44.	21.	1.79
	HYDROGRAPH AT							
+		30	338.	12.25	46.	14.	7.	.28
	2 COMBINED AT							
+		I1CP30	971.	12.50	194.	57.	28.	2.07
	HYDROGRAPH AT							
+		29	280.	12.25	28.	8.	4.	.22
	DIVERSION TO							
+		29RET	141.	12.00	8.	2.	1.	.22
	HYDROGRAPH AT							
+		29OUT	280.	12.25	22.	6.	3.	.22
	ROUTED TO							
+		SR29	0.	.00	0.	0.	0.	.22
	ROUTED TO							
+		R29	0.	.00	0.	0.	0.	.22
	2 COMBINED AT							
+		!JR3	971.	12.50	194.	57.	28.	2.29
	ROUTED TO							
+		RJR3	905.	12.75	193.	57.	28.	2.29
	HYDROGRAPH AT							
+		31	596.	12.50	77.	20.	10.	.71
	2 COMBINED AT							
+		!JR4	1382.	12.58	267.	77.	37.	3.00
	ROUTED TO							
+		RJR4	1292.	12.75	267.	77.	37.	3.00
	2 COMBINED AT							
+		!JR5	1750.	12.67	364.	101.	49.	7.69
	ROUTED TO							
+		SR46	1722.	12.75	364.	101.	49.	7.69
	ROUTED TO							
+		R46	1646.	12.92	362.	101.	49.	7.69
	HYDROGRAPH AT							

+	D45-1	396.	13.00	40.	10.	5.	13.98
ROUTED TO							
+	RD45-1	314.	13.17	40.	10.	5.	13.98
HYDROGRAPH AT							
+	D45	366.	13.08	104.	26.	13.	4.44
ROUTED TO							
+	RD45	337.	13.42	104.	26.	13.	4.44
2 COMBINED AT							
+	I7CWT4	595.	13.25	140.	35.	17.	14.36
HYDROGRAPH AT							
+	D46-1	164.	13.33	45.	11.	5.	14.51
ROUTED TO							
+	RD46-1	157.	13.75	45.	11.	5.	14.51
2 COMBINED AT							
+	I8CWT4	678.	13.33	184.	46.	22.	14.51
HYDROGRAPH AT							
+	WT4	919.	12.25	80.	20.	10.	.77
2 COMBINED AT							
+	I9CWT4	1093.	12.33	256.	65.	31.	15.28
2 COMBINED AT							
+	!!0WT4	1936.	13.08	584.	157.	76.	18.20
2 COMBINED AT							
+	!!WT4	6255.	13.00	1414.	385.	186.	18.57
ROUTED TO							
+	RS47	0.	.00	0.	0.	0.	18.57
HYDROGRAPH AT							
+	D43-1	73.	13.17	11.	3.	1.	1.00
ROUTED TO							
+	R43-1	56.	14.25	11.	3.	1.	1.00
HYDROGRAPH AT							
+	D43-2	10.	12.17	1.	0.	0.	1.01
ROUTED TO							
+	R43-2	4.	13.92	1.	0.	0.	1.01
HYDROGRAPH AT							
+	D43-3	22.	12.17	5.	1.	1.	1.06
ROUTED TO							
+	R43-3	14.	13.75	5.	1.	1.	1.06
HYDROGRAPH AT							
+	303A	486.	12.25	44.	11.	5.	.42
4 COMBINED AT							
+	1C303A	481.	12.25	61.	15.	7.	1.06
2 COMBINED AT							
+	CP303A	479.	12.25	60.	15.	7.	1.48
ROUTED TO							
+	RTCUS	367.	12.50	60.	15.	7.	1.48
HYDROGRAPH AT							
+	304	1163.	12.33	132.	36.	17.	1.10
2 COMBINED AT							
+	!TC1	1472.	12.42	188.	50.	24.	2.93
ROUTED TO							
+	RTC1	1464.	12.42	188.	50.	24.	2.93
HYDROGRAPH AT							
+	323	162.	12.33	16.	4.	2.	.15
2 COMBINED AT							

+	!TC2	1610.	12.42	204.	54.	26.	3.08
DIVERSION TO							
+	DI321	0.	.00	0.	0.	0.	3.08
HYDROGRAPH AT							
+	D323	1610.	12.42	204.	54.	26.	3.08
ROUTED TO							
+	RTC2	1443.	12.58	203.	54.	26.	3.08
HYDROGRAPH AT							
+	324	206.	12.92	38.	10.	5.	.36
2 COMBINED AT							
+	!TC3	1517.	12.58	230.	61.	29.	13.70
ROUTED TO							
+	RTC3	1365.	12.75	229.	61.	29.	13.70
HYDROGRAPH AT							
+	340	283.	13.00	57.	14.	7.	.48
2 COMBINED AT							
+	!TC4	1571.	12.75	282.	74.	36.	14.18
ROUTED TO							
+	RTC4	1469.	12.92	281.	74.	36.	14.18
HYDROGRAPH AT							
+	351	540.	12.83	99.	25.	12.	.76
2 COMBINED AT							
+	!TC5	1961.	12.92	373.	97.	47.	14.94
DIVERSION TO							
+	DITC5	1663.	12.92	323.	84.	40.	14.94
HYDROGRAPH AT							
+	DTC5	298.	12.92	50.	13.	6.	14.94
HYDROGRAPH AT							
+	DRTC5	1663.	12.92	323.	84.	40.	14.94
ROUTED TO							
+	SRTC5	588.	13.67	167.	44.	21.	14.94
2 COMBINED AT							
+	2TC5	658.	13.67	214.	57.	27.	14.94
ROUTED TO							
+	RTC5	657.	13.67	214.	57.	27.	14.94
HYDROGRAPH AT							
+	352A	76.	13.08	17.	4.	2.	.13
2 COMBINED AT							
+	!TC6	690.	13.67	229.	61.	29.	15.07
DIVERSION TO							
+	DI350	0.	.00	0.	0.	0.	15.07
HYDROGRAPH AT							
+	D352A	690.	13.67	229.	61.	29.	15.07
ROUTED TO							
+	RTC6	671.	14.00	227.	61.	29.	15.07
2 COMBINED AT							
+	!TC7	1383.	13.83	888.	518.	275.	29.83
DIVERSION TO							
+	DI371	0.	.00	0.	0.	0.	29.83
HYDROGRAPH AT							
+	1D372	1383.	13.83	888.	518.	275.	29.83
DIVERSION TO							
+	DI379	0.	.00	0.	0.	0.	29.83
HYDROGRAPH AT							

+	2D372	1383.	13.83	888.	518.	275.	29.83
ROUTED TO							
+	RTC7	1345.	14.00	886.	517.	275.	29.83
HYDROGRAPH AT							
+	382	552.	13.17	150.	38.	18.	.71
2 COMBINED AT							
+	!TC8	1566.	13.92	884.	547.	291.	30.54
ROUTED TO							
+	RTC8	1540.	14.17	882.	547.	290.	30.54
HYDROGRAPH AT							
+	D383	161.	12.92	35.	9.	4.	.18
2 COMBINED AT							
+	!TC9	1559.	14.08	881.	553.	294.	30.72
ROUTED TO							
+	RTC9	1544.	14.25	879.	553.	294.	30.72
HYDROGRAPH AT							
+	2D372	0.	.00	0.	0.	0.	29.83
ROUTED TO							
+	R372	0.	.00	0.	0.	0.	29.83
2 COMBINED AT							
+	1I379	1548.	14.25	885.	553.	294.	61.78
HYDROGRAPH AT							
+	381A	123.	12.58	23.	6.	3.	.10
ROUTED TO							
+	SR381A	0.	.00	0.	0.	0.	.10
ROUTED TO							
+	R381A	0.	.00	0.	0.	0.	.10
2 COMBINED AT							
+	2I379	1555.	14.25	888.	555.	294.	61.88
HYDROGRAPH AT							
+	379	201.	13.58	61.	15.	7.	.46
2 COMBINED AT							
+	3I379	1672.	14.25	892.	569.	302.	62.24
HYDROGRAPH AT							
+	D41A1	23.	12.17	3.	1.	0.	.02
ROUTED TO							
+	R41A1	13.	13.58	3.	1.	0.	.02
HYDROGRAPH AT							
+	D41A2	24.	12.00	2.	1.	0.	.05
ROUTED TO							
+	R41A2	13.	13.50	2.	1.	0.	.05
2 COMBINED AT							
+	1I303	26.	13.50	5.	1.	1.	.05
HYDROGRAPH AT							
+	D41A3	23.	12.25	4.	1.	0.	.08
ROUTED TO							
+	R41A3	13.	14.58	4.	1.	0.	.08
2 COMBINED AT							
+	2I303	27.	13.58	9.	2.	1.	.08
HYDROGRAPH AT							
+	D41A	24.	12.25	5.	1.	1.	.13
ROUTED TO							
+	R41A	14.	14.67	5.	1.	1.	.13
2 COMBINED AT							

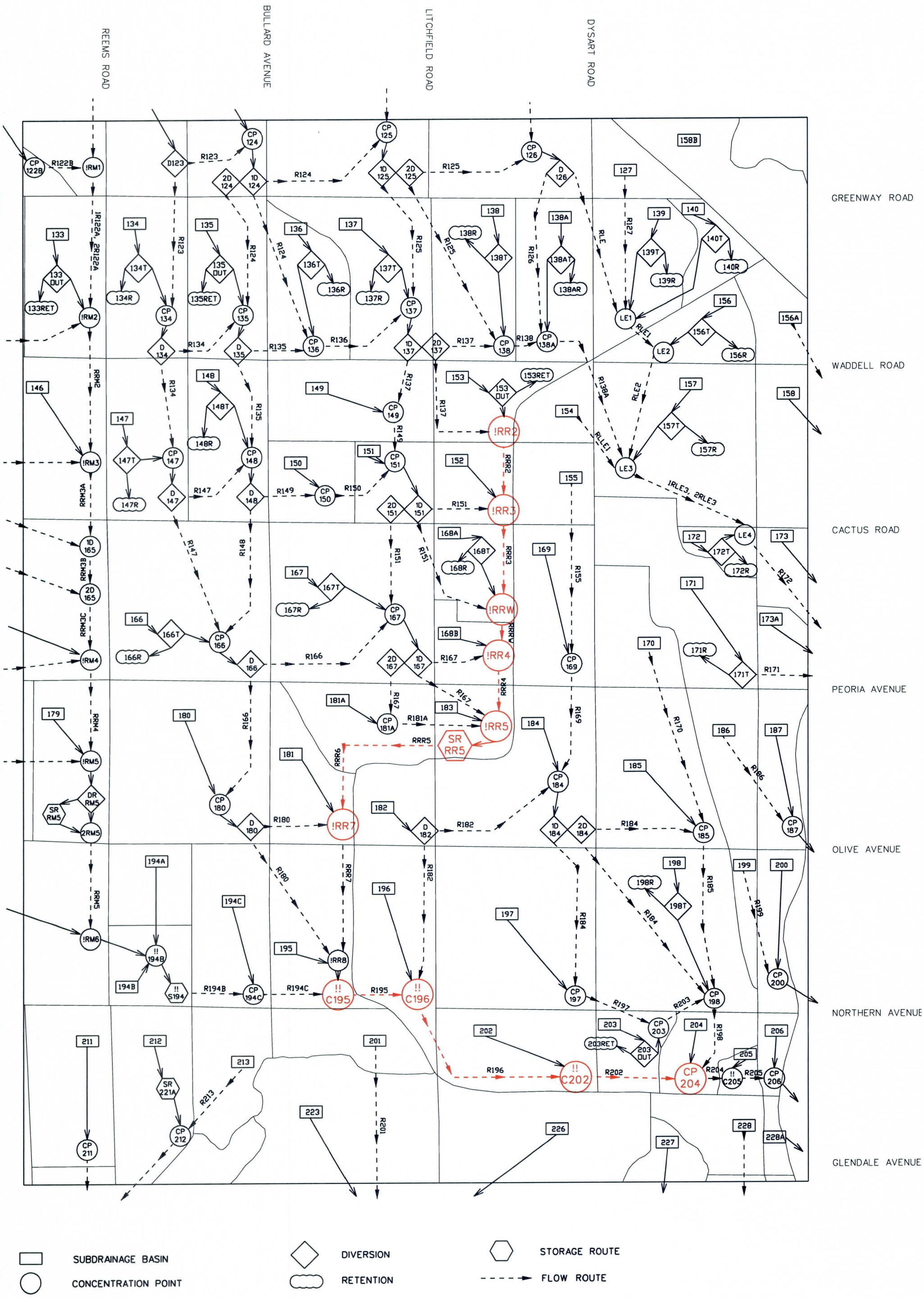
+	3I303	31.	14.42	14.	4.	2.	.13
HYDROGRAPH AT							
+	D41-1	45.	12.25	12.	3.	1.	.28
ROUTED TO							
+	R41-1	34.	14.17	11.	3.	1.	.28
2 COMBINED AT							
+	4I303	64.	14.17	25.	6.	3.	.28
HYDROGRAPH AT							
+	D41-2	38.	12.50	14.	3.	2.	.38
ROUTED TO							
+	R41-2	33.	14.58	13.	3.	2.	.38
2 COMBINED AT							
+	5I303	93.	14.42	37.	10.	5.	.38
HYDROGRAPH AT							
+	D41	44.	12.92	30.	9.	4.	.68
ROUTED TO							
+	R41	43.	15.33	28.	9.	4.	.68
2 COMBINED AT							
+	6I303	112.	15.00	61.	18.	9.	.96
HYDROGRAPH AT							
+	303	626.	12.67	96.	24.	12.	.91
2 COMBINED AT							
+	CP303	621.	12.67	148.	42.	20.	2.17
ROUTED TO							
+	R303	615.	12.75	148.	42.	20.	2.17
HYDROGRAPH AT							
+	321	918.	12.17	72.	18.	9.	.66
2 COMBINED AT							
+	1I321	1126.	12.25	217.	59.	29.	2.83
HYDROGRAPH AT							
+	D323	0.	.00	0.	0.	0.	3.08
ROUTED TO							
+	R323	0.	.00	0.	0.	0.	3.08
2 COMBINED AT							
+	CP321	1126.	12.25	217.	59.	29.	4.60
ROUTED TO							
+	SR321	640.	12.75	133.	37.	18.	4.60
ROUTED TO							
+	R321	531.	13.08	130.	37.	18.	4.60
HYDROGRAPH AT							
+	322	199.	12.92	38.	10.	5.	.34
2 COMBINED AT							
+	CP322	692.	13.08	161.	46.	22.	4.94
ROUTED TO							
+	R322	517.	13.58	158.	46.	22.	4.94
HYDROGRAPH AT							
+	339	511.	13.17	120.	30.	14.	1.00
2 COMBINED AT							
+	CP339	868.	13.50	267.	76.	36.	5.94
ROUTED TO							
+	R339	799.	14.08	262.	76.	36.	5.94
HYDROGRAPH AT							
+	349	580.	13.00	120.	30.	14.	.93
2 COMBINED AT							

```
+                    CP349      894.   13.92       365.      105.       50.      6.87
        ROUTED TO
+                    SR349      890.   14.00       365.      105.       50.      6.87
        ROUTED TO
+                    R349       862.   14.50       362.      105.       50.      6.87
        HYDROGRAPH AT
+                    350        101.   13.33        26.        7.        3.       .19
        2 COMBINED AT
+                    1I350      887.   14.42       384.      111.       54.      7.06
        HYDROGRAPH AT
+                    D352A        0.     .00         0.        0.        0.     15.07
        ROUTED TO
+                    R352A        0.     .00         0.        0.        0.     15.07
        2 COMBINED AT
+                    CP350      887.   14.42       384.      111.       54.      8.79
        ROUTED TO
+                    SR350      871.   14.58       348.       99.       48.      8.79
        ROUTED TO
+                    R350       847.   15.08       338.       99.       48.      8.79
        HYDROGRAPH AT
+                    371        533.   13.67       180.       45.       22.       .93
        2 COMBINED AT
+                    1I371     1026.   14.83       478.      143.       69.      9.72
        HYDROGRAPH AT
+                    1D372        0.     .00         0.        0.        0.     29.83
        ROUTED TO
+                    R372         0.     .00         0.        0.        0.     29.83
        2 COMBINED AT
+                    CP371     1030.   14.92       486.      146.       71.     65.40
        ROUTED TO
+                    R371       765.   16.17       377.      119.       58.     65.40
        2 COMBINED AT
+                    CP379     1672.   14.25      1178.      699.      365.     65.96
        ROUTED TO
+                    SR379     1483.   14.42      1057.      643.      336.     65.96
1
```

APPENDIX C – PROPOSED ALTERNATIVE 1 HEC-1

HEC-1 Schematic Diagram

HEC-1 Output



HYDROLOGY MAP FOR ALTERNATIVE ONE

```
1****************************************                    ****************************************
 *                                      *                    *                                      *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *                    *    U.S. ARMY CORPS OF ENGINEERS      *
 *              JUN   1998              *                    *    HYDROLOGIC ENGINEERING CENTER     *
 *            VERSION 4.1               *                    *          609 SECOND STREET           *
 *                                      *                    *       DAVIS, CALIFORNIA 95616        *
 *  RUN DATE   10OCT08  TIME  11:41:42  *                    *           (916) 756-1104             *
 *                                      *                    *                                      *
 ****************************************                    ****************************************
```

PROPOSED ALTERNATIVE 1 HEC-1
Note: Please refer to the Word doc and pdf output files on the included CD for the complete input and output.

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

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW. THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE. THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY, DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```
1                                          HEC-1 INPUT
PAGE  1

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

            1           ID   PREPARED BY ASPEN CONSULTING ENGINEERS, EXISTING WITH PROJECT-IN-PLACE
            2           ID   MODIFIED BY HOSKIN RYAN CONSULTANTS ON 10/06/08 FOR PROPOSED ATSF
            3           ID   CHANNEL AND BASIN (ALTERNATIVE ONE)
            4           ID   MODIFICATION:
            5           ID   (1) SURPRISE POINTE DEVELOPMENT WAS REFLECTED
            6           ID   (2) SURPRISE WWTP WAS REFLECTED
            7           ID   (3) ATSF ALTERNATIVE ONE WAS UPDATED
            8           ID
            9           ID  ***********************************************************************
           10           ID      ASPEN CONSULTING ENGINEERS, JCS, xx-xx-08, FILE: 303EWP.DAT, 100-YR 24-HR
           11           ID      NOTES:
           12           ID      UPDATE LG CARD AND DEVELOPMENT RETENTION DIVERSIONS FOR EACH SUBBASIN.
           13           ID      CHANGE MODEL TO REFLECT THE NEW SUNCOR CHANNEL SOUTH OF CAMELBACK RD.
           14           ID      BETWEEN STATE ROUTE 303 AND BULLARD WASH.  KK RECORD CHANGED ARE R237,
           15           ID      AND R238.
                        * ***********************************************************************
                        * *  THE FOLLOWING IS THE MODEL RECIEVED BY ASPEN FROM FCDMC ON 06/08/07
                        * ***********************************************************************
           16           ID         DRAFT PREFERRED ALTERNATIVE LEVEL III
           17           ID
           18           ID         INCORPORATE ALTERNATIVE #3 FROM CHANGE ORDER #14 INTO
           19           ID         SR 303L OFFSITE FLOOD CONTROL FACILITY - NORTHERN AND CACTUS
           20           ID         BASINS ARE NOW OFFLINE WITH MULTIPLE BASINS LOCATED WITHIN
           21           ID         LUKE AIR FORCE BASE CRASH ZONE AREA
           22           ID
           23           ID         **ADOT BASIN GEOMETRY REPRESENTS MOST RECENT 2' CONTOURS**
           24           ID         WHITE TANKS AREA DRAINAGE MASTER STUDY *UPDATE*
           25           ID         Original MODEL BY THE WLB Group for FCDMC AS PART OF THE WHITE
           26           ID         TANKS/AGUA FRIA ADMS, Date: October 1991
           27           ID
           28           ID         REVISED HYDROLOGY HEC-1 RUN FOR WHITE TANKS ADMS
           29           ID         100-YEAR, 24-HOUR STORM                  original file: WTADMS.24
           30           ID
           31           ID                                       REVISED BY URS     DATE: 01-14-04
           32           ID                                                          FILE: L33PE4H.DAT
           33           ID
           34           ID        NOTES:
           35           ID        1. THIS HEC-1 MODEL CONTAINS THE FOLLOWING SUPER BASINS: WHITE TANKS 3,
           36           ID           2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2 & 3, 4 THRU 26.
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          37          ID        2. REVISED TO REFLECT UPDATED SOILS MAPS AND NEW DEVELOPMENT.
          38          ID        3. AVERAGE XKSAT VALUES FOR EACH SUBBASIN WAS RECEIVED FROM FCDMC
          39          ID           GIS DATA AND THEN ADJUSTED FOR VEGETATION, OR LEFT AS ORIGINALLY IN
          40          ID           THE WLB MODEL.
          41          ID        4. FOR NEW DEVELOPMENTS ONLY 80% OF REPORTED PROVIDED RETENTION
          42          ID           WAS INCLUDED IN THIS MODEL (AS A CONSERVATIVE ESTIMATE). RETENTION
          43          ID           CAPACITIES WERE ESTIMATED BY EEC FOR DEVELOPMENTS WITH NO
          44          ID           DRAINAGE REPORTS.
          45          ID        5. REVISED DRAINAGE BOUNDARIES BASED UPON FIELD INSPECTION OF SUN CITY.
          46          ID           GRAND.  COMBINED SEVERAL BASINS TOGETHER TO MAKE NEW BASINS 114 &115.
          47          ID           ALSO REROUTED SUBBASINS 100A, 101, 102A AND 106 TO THE SOUTH TO 113A.
          48          ID        6. CHANNEL ROUTE ALONG REEMS ROAD UPDATED TO REFLECT NEW CONSTRUCTION.
          49          ID        7. REVISED SCS TYPE II RAINFALL DISTRIBUTION FOR THE 24-HOUR GENERAL
          50          ID           STORM.
          51          ID        8. REVISED RAINFALL DEPTH-AREA REDUCTION FACTORS.
          52          ID        9. PSIF WERE ADJUSTED BASED ON THE VALUES OF XKSAT AND WERE EDITED INTO
1                                                HEC-1 INPUT
PAGE  2

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

          53          ID           THE DATA FILE BY THE FCDMC.
          54          ID       10. AVERAGE XKSAT VALUES FOR SUBBASINS WITH BORROW PITS (WHITE TANKS
          55          ID           AREAS #3 & #4) WERE ESTIMATED BY EEC.
          56          ID
                      *DIAGRAM
          57          IT       5                    600
          58          IO       5
          59          IN      15
          60          JD    4.03    .001
          61          PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
          62          PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
          63          PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
          64          PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
          65          PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
          66          PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
          67          PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
          68          PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
          69          PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
          70          PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
          71          JD    3.79      10
          72          JD    3.51      50
          73          JD    3.39     100
          74          JD    3.29     200
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RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

MAXIMUM MAX STAGE +	TIME OF OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	STAGE
+	HYDROGRAPH AT	1	1573.	12.50	222.	61.	30.	1.94	
+	ROUTED TO	RCP1	1386.	12.83	222.	61.	30.	1.94	
+	HYDROGRAPH AT	2	1339.	12.75	237.	66.	32.	1.82	
+	2 COMBINED AT	CP2	2657.	12.75	456.	126.	61.	3.76	
+	ROUTED TO	RCP2	2458.	12.92	455.	126.	61.	3.76	
+	HYDROGRAPH AT	!BC1	313.	12.33	31.	8.	4.	.29	
+	ROUTED TO	RBC1	234.	12.58	31.	8.	4.	.29	
+	HYDROGRAPH AT	3	863.	12.33	89.	22.	11.	.81	

+	2 COMBINED AT	I1CP3	1009.	12.42	119.	30.	14.	1.10
+	2 COMBINED AT	!BC2	2665.	12.92	571.	155.	75.	4.86
+	DIVERSION TO	DI189	0.	.00	0.	0.	0.	4.86
+	HYDROGRAPH AT	D3	2665.	12.92	571.	155.	75.	4.86
+	ROUTED TO	RBC2	2468.	13.17	569.	155.	75.	4.86
+	HYDROGRAPH AT	4	396.	12.25	36.	10.	5.	.30
+	HYDROGRAPH AT	5	927.	12.25	86.	23.	11.	.72
+	2 COMBINED AT	CP5	1315.	12.25	121.	33.	16.	1.02
+	ROUTED TO	RCP5	1312.	12.25	121.	33.	16.	1.02
+	HYDROGRAPH AT	6	746.	12.08	52.	14.	7.	.45
+	2 COMBINED AT	CP6	1854.	12.17	172.	47.	23.	1.47
+	ROUTED TO	RCP6	1784.	12.17	172.	47.	23.	1.47
+	HYDROGRAPH AT	7	494.	12.08	36.	10.	5.	.31
+	2 COMBINED AT	CP7	2245.	12.17	206.	57.	27.	1.78
+	ROUTED TO	RCP7	1947.	12.33	206.	57.	27.	1.78
+	HYDROGRAPH AT	9	1402.	12.33	161.	44.	21.	1.40
+	2 COMBINED AT	I1CP9	3324.	12.33	364.	100.	48.	3.18
+	HYDROGRAPH AT	8	890.	12.33	93.	26.	12.	.81
+	2 COMBINED AT	CP9	4190.	12.33	455.	125.	60.	3.99
+	ROUTED TO	RCP9	3543.	12.75	454.	125.	60.	3.99
+	HYDROGRAPH AT	10	1357.	12.75	237.	62.	30.	2.02
+	DIVERSION TO	10RET	325.	12.08	18.	5.	2.	2.02
+	HYDROGRAPH AT	10OUT	1357.	12.75	224.	57.	27.	2.02
+	2 COMBINED AT	I1CP10	4868.	12.75	672.	180.	87.	6.01
+	2 COMBINED AT	!BC3	6322.	12.83	1225.	331.	159.	10.87
+	DIVERSION TO	1DI188	0.	.00	0.	0.	0.	10.87
+	HYDROGRAPH AT	1D10	6322.	12.83	1225.	331.	159.	10.87

+	DIVERSION TO	2DI188	0.	.00	0.	0.	0.	10.87
+	HYDROGRAPH AT	2D10	6322.	12.83	1225.	331.	159.	10.87
+	ROUTED TO	RBC3	6121.	12.92	1222.	331.	159.	10.87
+	HYDROGRAPH AT	12	1214.	12.50	167.	43.	21.	1.38
+	2 COMBINED AT	!BC4	6592.	12.92	1368.	369.	178.	12.25
+	ROUTED TO	RBC4	6424.	13.00	1366.	369.	178.	12.25
+	HYDROGRAPH AT	WT3	383.	12.50	50.	13.	6.	.44
+	2 COMBINED AT	!BC5	6521.	13.00	1409.	380.	183.	12.69
+	HYDROGRAPH AT	11	1559.	12.42	202.	54.	26.	1.56
+	ROUTED TO	RCP11	1268.	12.75	201.	54.	26.	1.56
+	HYDROGRAPH AT	13	1223.	12.42	145.	36.	17.	1.30
+	2 COMBINED AT	CP13	2062.	12.58	344.	89.	43.	2.86
+	ROUTED TO	RCP13	2035.	12.67	344.	89.	43.	2.86
+	HYDROGRAPH AT	14	1548.	12.33	173.	47.	23.	1.47
+	ROUTED TO	RCP14	1392.	12.58	173.	47.	23.	1.47
+	HYDROGRAPH AT	15	1272.	12.42	149.	40.	19.	1.26
+	2 COMBINED AT	I1CP15	2485.	12.50	319.	86.	42.	2.73
+	HYDROGRAPH AT	16	1206.	12.42	149.	41.	20.	1.13
+	ROUTED TO	SR16	0.	.00	0.	0.	0.	1.13
+	2 COMBINED AT	CP15	2485.	12.50	319.	86.	42.	3.90
+	ROUTED TO	RCP15	2108.	12.75	318.	86.	41.	3.90
+	HYDROGRAPH AT	17	1036.	12.33	108.	27.	13.	1.07
+	2 COMBINED AT	I1CP17	2480.	12.67	423.	112.	54.	4.97
+	2 COMBINED AT	CP17	4474.	12.67	761.	200.	96.	7.83
+	ROUTED TO	RCP17	4407.	12.75	761.	200.	96.	7.83
+	2 COMBINED AT	!!WT3	9838.	12.92	2073.	554.	267.	20.52
+	ROUTED TO	SRWT3	0.	.00	0.	0.	0.	20.52

+	HYDROGRAPH AT	116	872.	12.33	111.	33.	16.	.66
+	DIVERSION TO	116RET	872.	12.33	93.	25.	12.	.66
+	HYDROGRAPH AT	116OUT	233.	12.67	27.	8.	4.	.66
+	ROUTED TO	R116	110.	13.17	26.	8.	4.	.66
+	HYDROGRAPH AT	117	920.	12.58	158.	47.	23.	.92
+	DIVERSION TO	117RET	920.	12.58	130.	35.	17.	.92
+	HYDROGRAPH AT	117OUT	364.	13.08	41.	12.	6.	.92
+	2 COMBINED AT	CP117	454.	13.08	65.	20.	10.	1.65
+	ROUTED TO	R117	248.	13.67	62.	20.	10.	1.65
+	HYDROGRAPH AT	123	322.	13.00	79.	23.	11.	.44
+	DIVERSION TO	123R	306.	12.92	43.	12.	6.	.44
+	HYDROGRAPH AT	123T	287.	13.17	43.	12.	6.	.44
+	DIVERSION TO	DI134	0.	.00	0.	0.	0.	.44
+	HYDROGRAPH AT	D123	287.	13.17	43.	12.	6.	.44
+	ROUTED TO	R123	209.	13.67	42.	12.	6.	.44
+	HYDROGRAPH AT	124	302.	13.33	85.	23.	11.	.57
+	DIVERSION TO	124R	262.	13.17	37.	10.	5.	.57
+	HYDROGRAPH AT	124OUT	297.	13.42	52.	14.	7.	.57
+	2 COMBINED AT	CP124	446.	13.58	92.	25.	12.	1.65
+	DIVERSION TO	DI136	222.	13.58	49.	13.	6.	1.65
+	HYDROGRAPH AT	1D124	224.	13.58	43.	11.	5.	1.65
+	DIVERSION TO	DI135	81.	13.58	10.	3.	1.	1.65
+	HYDROGRAPH AT	2D124	143.	13.58	32.	9.	4.	1.65
+	ROUTED TO	R124	123.	14.17	32.	9.	4.	1.65
+	HYDROGRAPH AT	125	1017.	12.50	146.	41.	20.	1.00
+	DIVERSION TO	125R	123.	11.83	14.	5.	2.	1.00
+	HYDROGRAPH AT	125T	1017.	12.50	139.	36.	17.	1.00

	2 COMBINED AT							
+		1I125	1010.	12.50	169.	45.	21.	2.01
	2 COMBINED AT							
+		CP125	1004.	12.50	223.	64.	31.	3.66
	DIVERSION TO							
+		DI137	334.	12.50	74.	21.	10.	3.66
	HYDROGRAPH AT							
+		1D125	670.	12.50	148.	42.	20.	3.66
	DIVERSION TO							
+		DI138	334.	12.50	74.	21.	10.	3.66
	HYDROGRAPH AT							
+		2D125	335.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	273.	12.83	73.	21.	10.	3.66
	HYDROGRAPH AT							
+		118	326.	12.08	42.	14.	7.	.16
	DIVERSION TO							
+		118RET	321.	12.08	25.	7.	4.	.16
	HYDROGRAPH AT							
+		118OUT	253.	12.17	23.	7.	3.	.16
	ROUTED TO							
+		R118	72.	13.83	21.	7.	3.	.16
	HYDROGRAPH AT							
+		126	1100.	12.50	185.	58.	28.	.95
	DIVERSION TO							
+		126R	1100.	12.50	141.	39.	19.	.95
	HYDROGRAPH AT							
+		126T	576.	12.83	65.	19.	9.	.95
	2 COMBINED AT							
+		1I126	575.	12.83	84.	26.	12.	1.11
	2 COMBINED AT							
+		CP126	840.	12.83	151.	46.	22.	4.75
	DIVERSION TO							
+		DI139	840.	12.83	151.	46.	22.	4.75
	HYDROGRAPH AT							
+		D126	0.	.00	0.	0.	0.	4.75
	ROUTED TO							
+		R126	0.	.00	0.	0.	0.	4.75
	HYDROGRAPH AT							
+		100A	165.	12.50	24.	7.	3.	.18
	DIVERSION TO							
+		100AR	90.	12.17	5.	1.	1.	.18
	HYDROGRAPH AT							
+		100AT	165.	12.50	20.	5.	2.	.18
	ROUTED TO							
+		R100A	130.	13.17	20.	5.	2.	.18
	HYDROGRAPH AT							
+		102A	565.	12.50	96.	29.	14.	.51
	DIVERSION TO							
+		102AR	565.	12.50	78.	21.	10.	.51
	HYDROGRAPH AT							
+		102AT	213.	13.00	28.	8.	4.	.51
	2 COMBINED AT							
+		1I102A	318.	13.00	47.	13.	6.	.69

	HYDROGRAPH AT							
+		101	241.	12.25	30.	9.	4.	.16
	DIVERSION TO							
+		101R	241.	12.25	30.	9.	4.	.16
	HYDROGRAPH AT							
+		101T	0.	.00	0.	0.	0.	.16
	ROUTED TO							
+		R101	0.	.00	0.	0.	0.	.16
	2 COMBINED AT							
+		CP102A	318.	13.00	47.	13.	6.	.75
	DIVERSION TO							
+		102ART	318.	13.00	47.	13.	6.	.75
	HYDROGRAPH AT							
+		102AOT	0.	26.50	0.	0.	0.	.75
	ROUTED TO							
+		R102A	0.	28.00	0.	0.	0.	.75
	HYDROGRAPH AT							
+		106	808.	12.50	136.	41.	20.	.77
	DIVERSION TO							
+		106R	808.	12.50	103.	28.	13.	.77
	HYDROGRAPH AT							
+		106T	410.	12.92	46.	13.	6.	.77
	2 COMBINED AT							
+		CP106	407.	12.92	45.	13.	6.	1.70
	DIVERSION TO							
+		DLP0	407.	12.92	45.	13.	6.	1.70
	HYDROGRAPH AT							
+		DI113A	0.	.00	0.	0.	0.	1.70
	ROUTED TO							
+		R106	0.	.00	0.	0.	0.	1.70
	HYDROGRAPH AT							
+		105	334.	12.25	38.	11.	5.	.21
	ROUTED TO							
+		R105	296.	12.42	38.	11.	5.	.21
	HYDROGRAPH AT							
+		112	846.	12.25	99.	29.	14.	.63
	DIVERSION TO							
+		112RET	846.	12.25	83.	22.	11.	.63
	HYDROGRAPH AT							
+		112OUT	241.	12.67	23.	7.	3.	.63
	2 COMBINED AT							
+		CP112	412.	12.67	58.	18.	9.	.82
	DIVERSION TO							
+		DI120	137.	12.67	19.	6.	3.	.82
	HYDROGRAPH AT							
+		1D112	275.	12.67	39.	12.	6.	.82
	DIVERSION TO							
+		1D121A	137.	12.67	19.	6.	3.	.82
	HYDROGRAPH AT							
+		2D112	138.	12.67	19.	6.	3.	.82
	ROUTED TO							
+		R112	91.	13.17	19.	6.	3.	.82
	HYDROGRAPH AT							
+		113A	772.	12.25	92.	27.	13.	.50

	DIVERSION TO							
+		113AR	772.	12.25	77.	21.	10.	.50
	HYDROGRAPH AT							
+		113AT	197.	12.58	22.	7.	3.	.50
	HYDROGRAPH AT							
+		DR113A	407.	12.92	45.	13.	6.	1.70
	3 COMBINED AT							
+		!LP0	519.	12.92	83.	25.	12.	3.04
	DIVERSION TO							
+		2D121A	519.	12.92	83.	25.	12.	3.04
	HYDROGRAPH AT							
+		D113A	0.	.00	0.	0.	0.	3.04
	ROUTED TO							
+		R113A	0.	.00	0.	0.	0.	3.04
	HYDROGRAPH AT							
+		114	2117.	12.75	423.	125.	60.	2.47
	DIVERSION TO							
+		114RET	2117.	12.75	365.	97.	47.	2.47
	HYDROGRAPH AT							
+		114OUT	600.	13.42	92.	28.	13.	2.47
	3 COMBINED AT							
+		CP114	586.	13.42	88.	27.	13.	5.26
	DIVERSION TO							
+		DI122B	369.	13.42	27.	7.	3.	5.26
	HYDROGRAPH AT							
+		D114	217.	13.42	61.	20.	10.	5.26
	ROUTED TO							
+		R114	160.	14.00	60.	20.	10.	5.26
	HYDROGRAPH AT							
+		115	2122.	12.67	408.	121.	58.	2.40
	DIVERSION TO							
+		115RET	2122.	12.67	369.	99.	47.	2.40
	HYDROGRAPH AT							
+		115OUT	376.	13.58	71.	23.	11.	2.40
	2 COMBINED AT							
+		CP115	381.	13.58	126.	42.	20.	7.59
	ROUTED TO							
+		R115	289.	14.33	122.	42.	20.	7.59
	HYDROGRAPH AT							
+		122A	790.	12.25	109.	35.	17.	.51
	DIVERSION TO							
+		122ART	790.	12.25	80.	22.	11.	.51
	HYDROGRAPH AT							
+		122AOT	454.	12.50	42.	13.	6.	.51
	2 COMBINED AT							
+		1I122A	444.	12.50	150.	53.	26.	8.33
	HYDROGRAPH AT							
+		D114	369.	13.42	27.	7.	3.	5.26
	ROUTED TO							
+		R114	220.	13.92	27.	7.	3.	5.26
	HYDROGRAPH AT							
+		122B	581.	12.25	72.	21.	10.	.38
	DIVERSION TO							
+		122BRT	581.	12.25	48.	13.	6.	.38

+	HYDROGRAPH AT	122BOT	406.	12.42	30.	9.	4.	.38
+	2 COMBINED AT	CP122B	366.	12.42	56.	15.	7.	5.66
+	ROUTED TO	R122B	293.	12.58	56.	15.	7.	5.66
+	2 COMBINED AT	!RM1	720.	12.50	203.	68.	33.	8.48
+	ROUTED TO	1R122A	473.	14.25	200.	68.	33.	8.48
+	ROUTED TO	2R122A	467.	14.50	197.	68.	33.	8.48
+	HYDROGRAPH AT	111	482.	12.08	45.	13.	6.	.26
+	DIVERSION TO	111RET	374.	12.00	23.	6.	3.	.26
+	HYDROGRAPH AT	111OUT	477.	12.17	25.	7.	3.	.26
+	ROUTED TO	R111	271.	12.42	25.	7.	3.	.26
+	HYDROGRAPH AT	104	241.	12.25	28.	9.	4.	.15
+	DIVERSION TO	104R	241.	12.25	23.	6.	3.	.15
+	HYDROGRAPH AT	104T	78.	12.50	8.	2.	1.	.15
+	ROUTED TO	R104	18.	17.08	8.	2.	1.	.15
+	HYDROGRAPH AT	111A	893.	12.25	106.	32.	15.	.61
+	DIVERSION TO	111ART	893.	12.25	103.	28.	13.	.61
+	HYDROGRAPH AT	111AOT	19.	12.92	9.	3.	2.	.61
+	3 COMBINED AT	CP111A	271.	12.42	39.	13.	6.	.97
+	ROUTED TO	R111A	111.	13.92	32.	12.	6.	.97
+	HYDROGRAPH AT	119	516.	13.17	133.	38.	19.	.86
+	DIVERSION TO	119RT	477.	13.08	68.	18.	9.	.86
+	HYDROGRAPH AT	119OUT	490.	13.25	75.	20.	10.	.86
+	DIVERSION TO	DI128	286.	13.25	44.	12.	6.	.86
+	HYDROGRAPH AT	D119	204.	13.25	31.	8.	4.	.86
+	ROUTED TO	R119	135.	14.00	30.	8.	4.	.86
+	HYDROGRAPH AT	119A	292.	13.17	80.	24.	11.	.47
+	DIVERSION TO	119AR	292.	13.17	57.	15.	7.	.47

	HYDROGRAPH AT							
+		119AT	183.	13.67	30.	9.	4.	.47
	2 COMBINED AT							
+		CP119A	268.	13.83	59.	17.	8.	1.26
	DIVERSION TO							
+		DI130	0.	.00	0.	0.	0.	1.26
	HYDROGRAPH AT							
+		D119A	268.	13.83	59.	17.	8.	1.26
	ROUTED TO							
+		R119A	254.	14.08	58.	17.	8.	1.26
	HYDROGRAPH AT							
+		120	371.	13.25	105.	31.	15.	.54
	DIVERSION TO							
+		120RT	371.	13.25	65.	18.	8.	.54
	HYDROGRAPH AT							
+		120OUT	281.	13.58	48.	13.	6.	.54
	3 COMBINED AT							
+		1I120	529.	14.00	133.	41.	20.	2.88
	HYDROGRAPH AT							
+		1D112	137.	12.67	19.	6.	3.	.82
	ROUTED TO							
+		R112	89.	13.25	19.	6.	3.	.82
	2 COMBINED AT							
+		CP120	562.	14.00	147.	47.	22.	3.58
	ROUTED TO							
+		R120	527.	14.33	146.	47.	22.	3.58
	HYDROGRAPH AT							
+		D119	286.	13.25	44.	12.	6.	.86
	ROUTED TO							
+		R119	216.	13.67	43.	12.	6.	.86
	HYDROGRAPH AT							
+		128	310.	12.92	73.	23.	11.	.41
	DIVERSION TO							
+		128R	310.	12.92	61.	17.	8.	.41
	HYDROGRAPH AT							
+		128T	107.	13.58	20.	6.	3.	.41
	2 COMBINED AT							
+		CP128	315.	13.67	62.	18.	8.	1.27
	ROUTED TO							
+		R128	186.	16.33	61.	18.	8.	1.27
	HYDROGRAPH AT							
+		D119A	0.	.00	0.	0.	0.	1.26
	ROUTED TO							
+		R119A	0.	.00	0.	0.	0.	1.26
	HYDROGRAPH AT							
+		130	581.	13.25	172.	51.	25.	1.00
	DIVERSION TO							
+		130R	581.	13.25	113.	31.	15.	1.00
	HYDROGRAPH AT							
+		130T	404.	13.67	74.	21.	10.	1.00
	3 COMBINED AT							
+		1I130	396.	13.75	127.	37.	18.	3.77
	HYDROGRAPH AT							
+		129	343.	12.67	55.	14.	7.	.43

	ROUTED TO							
+		R129	278.	13.33	55.	14.	7.	.43
	3 COMBINED AT							
+		CP130	845.	14.17	314.	97.	47.	5.37
	DIVERSION TO							
+		DI144	259.	14.17	35.	9.	4.	5.37
	HYDROGRAPH AT							
+		D130	586.	14.17	279.	88.	43.	5.37
	ROUTED TO							
+		R130	580.	14.42	277.	88.	43.	5.37
	HYDROGRAPH AT							
+		131A	316.	13.08	69.	17.	8.	.49
	2 COMBINED AT							
+		CP131A	615.	14.33	326.	105.	51.	5.87
	DIVERSION TO							
+		DI145A	615.	14.33	326.	105.	51.	5.87
	HYDROGRAPH AT							
+		DC131A	0.	.00	0.	0.	0.	5.87
	ROUTED TO							
+		R131A	0.	.00	0.	0.	0.	5.87
	HYDROGRAPH AT							
+		131	317.	13.08	69.	17.	8.	.49
	2 COMBINED AT							
+		1I131	309.	13.08	67.	17.	8.	9.57
	HYDROGRAPH AT							
+		2D112	137.	12.67	19.	6.	3.	.82
	ROUTED TO							
+		R112	93.	13.08	19.	6.	3.	.82
	HYDROGRAPH AT							
+		121A	401.	12.92	93.	28.	13.	.50
	DIVERSION TO							
+		121AR	401.	12.92	69.	19.	9.	.50
	HYDROGRAPH AT							
+		121AT	240.	13.33	33.	9.	5.	.50
	2 COMBINED AT							
+		1I121A	314.	13.33	50.	15.	7.	1.34
	HYDROGRAPH AT							
+		D113A	519.	12.92	83.	25.	12.	3.04
	ROUTED TO							
+		RLPO	442.	13.00	82.	25.	12.	3.04
	2 COMBINED AT							
+		!LP	582.	13.33	131.	40.	19.	3.54
	DIVERSION TO							
+		DI131A	582.	13.33	131.	40.	19.	3.54
	HYDROGRAPH AT							
+		DC121A	0.	.00	0.	0.	0.	3.54
	ROUTED TO							
+		R121A	0.	.00	0.	0.	0.	3.54
	HYDROGRAPH AT							
+		121	391.	12.92	88.	26.	12.	.50
	DIVERSION TO							
+		121R	391.	12.92	58.	16.	8.	.50
	HYDROGRAPH AT							
+		121T	282.	13.17	36.	10.	5.	.50

	2 COMBINED AT							
+		CP121	274.	13.17	35.	10.	5.	4.03
	ROUTED TO							
+		R121	138.	14.17	34.	10.	5.	4.03
	2 COMBINED AT							
+		CP131	309.	13.08	97.	26.	13.	10.47
	DIVERSION TO							
+		DI145	244.	13.08	73.	19.	9.	10.47
	HYDROGRAPH AT							
+		D131	64.	13.08	24.	7.	3.	10.47
	ROUTED TO							
+		R131	57.	13.42	24.	7.	3.	10.47
	HYDROGRAPH AT							
+		132	264.	13.00	68.	21.	10.	.41
	DIVERSION TO							
+		132R	264.	13.00	59.	16.	8.	.41
	HYDROGRAPH AT							
+		132T	70.	14.00	16.	5.	2.	.41
	2 COMBINED AT							
+		CP132	113.	14.00	37.	11.	5.	9.97
	ROUTED TO							
+		R132	87.	14.67	37.	11.	5.	9.97
	HYDROGRAPH AT							
+		133	371.	12.83	81.	24.	12.	.50
	DIVERSION TO							
+		133RET	371.	12.83	59.	16.	8.	.50
	HYDROGRAPH AT							
+		133OUT	225.	13.25	29.	8.	4.	.50
	2 COMBINED AT							
+		1I133	214.	13.25	62.	19.	9.	11.37
	2 COMBINED AT							
+		!RM2	573.	14.50	259.	87.	42.	9.99
	DIVERSION TO							
+		DI146	573.	14.50	259.	87.	42.	9.99
	HYDROGRAPH AT							
+		1D133	0.	.00	0.	0.	0.	9.99
	DIVERSION TO							
+		1D147	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		2D133	0.	.00	0.	0.	0.	9.99
	ROUTED TO							
+		R133	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		134	329.	13.08	87.	27.	13.	.50
	DIVERSION TO							
+		134R	329.	13.08	63.	17.	8.	.50
	HYDROGRAPH AT							
+		134T	198.	13.58	34.	10.	5.	.50
	HYDROGRAPH AT							
+		D123	0.	.00	0.	0.	0.	.44
	ROUTED TO							
+		R123	0.	.00	0.	0.	0.	.44
	3 COMBINED AT							
+		CP134	246.	13.58	34.	10.	5.	16.87

+	DIVERSION TO	2D147	57.	13.75	6.	2.	1.	16.87
+	HYDROGRAPH AT	D134	94.	13.75	22.	7.	3.	16.87
+	ROUTED TO	R134	70.	14.08	22.	7.	3.	16.87
+	HYDROGRAPH AT	1D124	81.	13.58	10.	3.	1.	1.65
+	ROUTED TO	R124	55.	14.58	10.	3.	1.	1.65
+	HYDROGRAPH AT	135	452.	12.67	90.	28.	13.	.49
+	DIVERSION TO	135RET	452.	12.67	73.	20.	10.	.49
+	HYDROGRAPH AT	135OUT	175.	13.25	26.	8.	4.	.49
+	3 COMBINED AT	CP135	109.	13.25	49.	15.	7.	17.92
+	DIVERSION TO	DI148	2.	13.25	0.	0.	0.	17.92
+	HYDROGRAPH AT	D135	109.	14.42	49.	15.	7.	17.92
+	ROUTED TO	R135	106.	14.75	48.	15.	7.	17.92
+	HYDROGRAPH AT	2D124	222.	13.58	49.	13.	6.	1.65
+	ROUTED TO	R124	135.	16.08	42.	13.	6.	1.65
+	HYDROGRAPH AT	136	326.	13.08	87.	27.	13.	.46
+	DIVERSION TO	136R	326.	13.08	64.	17.	8.	.46
+	HYDROGRAPH AT	136T	196.	13.58	32.	9.	5.	.46
+	2 COMBINED AT	1I136	195.	13.58	68.	23.	11.	1.03
+	2 COMBINED AT	CP136	193.	13.83	107.	35.	17.	18.33
+	ROUTED TO	R136	160.	14.58	104.	35.	17.	18.33
+	HYDROGRAPH AT	1D125	334.	12.50	74.	21.	10.	3.66
+	ROUTED TO	R125	258.	13.08	72.	21.	10.	3.66
+	HYDROGRAPH AT	137	295.	13.42	96.	29.	14.	.54
+	DIVERSION TO	137R	295.	13.42	68.	19.	9.	.54
+	HYDROGRAPH AT	137T	183.	14.00	37.	11.	5.	.54
+	3 COMBINED AT	CP137	431.	14.25	213.	71.	34.	5.58
+	DIVERSION TO	DI149	143.	14.25	71.	23.	11.	5.58

+	HYDROGRAPH AT	1D137	287.	14.25	142.	47.	23.	5.58
+	DIVERSION TO	DI153	143.	14.25	71.	23.	11.	5.58
+	HYDROGRAPH AT	2D137	144.	14.25	71.	24.	11.	5.58
+	ROUTED TO	R137	133.	14.50	70.	24.	11.	5.58
+	HYDROGRAPH AT	2D125	334.	12.50	74.	21.	10.	3.66
+	ROUTED TO	R125	132.	15.33	60.	21.	10.	3.66
+	HYDROGRAPH AT	138	386.	13.00	97.	30.	14.	.54
+	DIVERSION TO	138R	386.	13.00	82.	22.	11.	.54
+	HYDROGRAPH AT	138T	131.	13.83	25.	8.	4.	.54
+	2 COMBINED AT	1I138	129.	15.50	63.	24.	12.	22.08
+	2 COMBINED AT	CP138	253.	15.33	143.	52.	25.	6.12
+	DIVERSION TO	2D153	0.	.00	0.	0.	0.	6.12
+	HYDROGRAPH AT	DRR1	253.	15.33	143.	52.	25.	6.12
+	ROUTED TO	R138	233.	15.50	143.	52.	25.	6.12
+	HYDROGRAPH AT	138A	727.	12.17	84.	26.	12.	.46
+	DIVERSION TO	138AR	727.	12.17	75.	20.	10.	.46
+	HYDROGRAPH AT	138AT	69.	12.75	17.	5.	3.	.46
+	2 COMBINED AT	1I138A	243.	15.50	153.	57.	27.	6.05
+	2 COMBINED AT	2I138A	201.	15.67	123.	48.	23.	24.81
+	HYDROGRAPH AT	2D137	143.	14.25	71.	23.	11.	5.58
+	ROUTED TO	R137	141.	14.50	70.	23.	11.	5.58
+	HYDROGRAPH AT	153	658.	12.08	72.	23.	11.	.31
+	DIVERSION TO	153RET	658.	12.08	47.	13.	6.	.31
+	HYDROGRAPH AT	153OUT	441.	12.25	34.	10.	5.	.31
+	HYDROGRAPH AT	DRR1	0.	.00	0.	0.	0.	6.12
+	ROUTED TO	RRR1	0.	.00	0.	0.	0.	6.12
+	3 COMBINED AT	!RR2	441.	12.25	100.	34.	16.	21.92

	DIVERSION TO							
+		3D152	398.	12.25	82.	29.	14.	21.92
	HYDROGRAPH AT							
+		DRRR2	0.	.00	0.	0.	0.	21.92
	2 COMBINED AT							
+		CP138A	203.	15.58	125.	48.	23.	23.68
	DIVERSION TO							
+		DI154	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		D138A	203.	15.58	125.	48.	23.	23.68
	ROUTED TO							
+		R138A	186.	16.75	123.	48.	23.	23.68
	HYDROGRAPH AT							
+		D138A	0.	.00	0.	0.	0.	23.68
	ROUTED TO							
+		RLLE	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		154	174.	12.58	28.	7.	3.	.17
	2 COMBINED AT							
+		LLE1	173.	12.58	27.	7.	3.	.33
	ROUTED TO							
+		RLLE1	153.	12.92	27.	7.	3.	.33
	HYDROGRAPH AT							
+		157	734.	12.83	162.	50.	24.	.89
	DIVERSION TO							
+		157R	734.	12.83	131.	35.	17.	.89
	HYDROGRAPH AT							
+		157T	329.	13.42	48.	14.	7.	.89
	2 COMBINED AT							
+		1I157	213.	13.42	57.	17.	8.	25.08
	2 COMBINED AT							
+		2I157	213.	13.42	142.	64.	31.	25.08
	HYDROGRAPH AT							
+		127	461.	12.08	45.	14.	7.	.22
	ROUTED TO							
+		R127	255.	13.33	45.	14.	7.	.22
	HYDROGRAPH AT							
+		139	718.	12.25	88.	27.	13.	.47
	DIVERSION TO							
+		139R	718.	12.25	66.	18.	9.	.47
	HYDROGRAPH AT							
+		139T	378.	12.50	31.	9.	4.	.47
	2 COMBINED AT							
+		1I139	383.	12.50	75.	22.	11.	.69
	HYDROGRAPH AT							
+		D126	840.	12.83	151.	46.	22.	4.75
	ROUTED TO							
+		RLE	540.	13.00	148.	46.	22.	4.75
	2 COMBINED AT							
+		2I139	657.	13.33	218.	67.	32.	7.04
	HYDROGRAPH AT							
+		140	192.	12.67	41.	14.	7.	.18
	DIVERSION TO							
+		140R	-189.	12.58	25.	7.	3.	.18

	HYDROGRAPH AT							
+		140T	154.	12.83	22.	7.	3.	.18
	2 COMBINED AT							
+		!LE1	751.	13.00	250.	76.	37.	.88
	ROUTED TO							
+		RLE1	725.	13.33	248.	76.	37.	.88
	HYDROGRAPH AT							
+		156	272.	12.75	62.	20.	10.	.30
	DIVERSION TO							
+		156R	272.	12.75	46.	13.	6.	.30
	HYDROGRAPH AT							
+		156T	149.	13.25	24.	7.	3.	.30
	2 COMBINED AT							
+		!LE2	859.	13.25	268.	83.	40.	1.18
	ROUTED TO							
+		RLE2	818.	13.50	264.	83.	40.	1.18
	2 COMBINED AT							
+		!LE3	1198.	13.42	455.	160.	78.	1.65
	ROUTED TO							
+		RLE3	1108.	13.58	453.	160.	78.	1.65
	HYDROGRAPH AT							
+		172	109.	12.58	17.	5.	2.	.12
	DIVERSION TO							
+		172R	66.	12.25	5.	1.	1.	.12
	HYDROGRAPH AT							
+		172T	109.	12.58	13.	3.	2.	.12
	2 COMBINED AT							
+		!LE4	1115.	13.58	457.	163.	79.	1.77
	ROUTED TO							
+		SRLECH	1118.	13.58	456.	162.	79.	1.77
	DIVERSION TO							
+		EM-CLV	42.	13.58	33.	25.	13.	1.77
	HYDROGRAPH AT							
+		D10X3	1076.	13.58	423.	137.	66.	1.77
	ROUTED TO							
+		SRLE4	692.	14.08	401.	129.	62.	1.77
	HYDROGRAPH AT							
+		DI10X3	42.	13.58	33.	25.	13.	1.77
	2 COMBINED AT							
+		2LE4	730.	14.08	434.	154.	75.	1.77
	ROUTED TO							
+		RLE4	710.	14.33	428.	154.	75.	1.77
	HYDROGRAPH AT							
+		173	170.	13.00	35.	9.	5.	.31
	DIVERSION TO							
+		173R	132.	12.75	14.	4.	2.	.31
	HYDROGRAPH AT							
+		173T	170.	13.00	23.	6.	3.	.31
	2 COMBINED AT							
+		!LE5	723.	14.33	434.	159.	78.	2.08
	HYDROGRAPH AT							
+		156A	501.	12.17	46.	13.	6.	.31
	ROUTED TO							
+		R156A	178.	14.17	45.	13.	6.	.31

	HYDROGRAPH AT							
+		158	1158.	12.33	143.	43.	21.	.97
	DIVERSION TO							
+		158RET	1158.	12.33	116.	31.	15.	.97
	HYDROGRAPH AT							
+		158OUT	382.	12.67	39.	12.	6.	.97
	2 COMBINED AT							
+		CP158	384.	12.67	80.	25.	12.	1.28
	ROUTED TO							
+		R158	159.	14.92	77.	25.	12.	1.28
	HYDROGRAPH AT							
+		173B	143.	12.83	31.	10.	5.	.20
	DIVERSION TO							
+		173R	143.	12.83	22.	6.	3.	.20
	HYDROGRAPH AT							
+		173T	83.	13.17	12.	4.	2.	.20
	2 COMBINED AT							
+		CP173B	228.	13.25	88.	28.	14.	1.48
	2 COMBINED AT							
+		AFR2E	717.	14.67	432.	163.	80.	30.12
	ROUTED TO							
+		RR173	636.	14.83	387.	150.	73.	30.12
	HYDROGRAPH AT							
+		171	372.	13.42	115.	34.	16.	.70
	DIVERSION TO							
+		171R	372.	13.42	85.	23.	11.	.70
	HYDROGRAPH AT							
+		171T	205.	14.17	39.	11.	5.	.70
	ROUTED TO							
+		R171	161.	14.58	38.	11.	5.	.70
	HYDROGRAPH AT							
+		173A	164.	12.75	34.	11.	5.	.20
	DIVERSION TO							
+		173R	164.	12.75	26.	7.	3.	.20
	HYDROGRAPH AT							
+		173T	89.	13.17	12.	4.	2.	.20
	2 COMBINED AT							
+		CP173A	169.	14.58	48.	14.	7.	.90
	2 COMBINED AT							
+		AFR2F1	731.	14.83	416.	160.	78.	31.02
	ROUTED TO							
+		RR173A	640.	15.67	411.	160.	78.	31.02
	HYDROGRAPH AT							
+		186	180.	13.25	46.	11.	6.	.33
	ROUTED TO							
+		R186	166.	13.67	46.	11.	6.	.33
	HYDROGRAPH AT							
+		187	80.	12.00	5.	2.	1.	.35
	2 COMBINED AT							
+		CP187	166.	13.67	51.	13.	6.	.68
	2 COMBINED AT							
+		AFR2F2	658.	15.67	424.	170.	84.	31.70
	ROUTED TO							
+		RR187	609.	16.42	421.	170.	83.	31.70

+	HYDROGRAPH AT	199	71.	13.08	15.	4.	2.	.11
+	ROUTED TO	R199	62.	13.67	15.	4.	2.	.11
+	HYDROGRAPH AT	200	216.	12.67	34.	9.	4.	.29
+	2 COMBINED AT	CP200	216.	12.67	49.	12.	6.	.40
+	2 COMBINED AT	AFR2F3	613.	16.42	424.	180.	89.	32.10
+	ROUTED TO	RR200	597.	16.83	422.	180.	89.	32.10
+	HYDROGRAPH AT	141	484.	12.33	50.	12.	6.	.47
+	ROUTED TO	R141	478.	12.42	50.	12.	6.	.47
+	HYDROGRAPH AT	141A	214.	12.17	16.	4.	2.	.15
+	2 COMBINED AT	CP141A	571.	12.33	65.	16.	8.	.62
+	ROUTED TO	R141A	533.	12.50	65.	16.	8.	.62
+	HYDROGRAPH AT	142	305.	13.00	63.	16.	8.	.51
+	2 COMBINED AT	CP142	690.	12.50	127.	32.	15.	1.13
+	ROUTED TO	R142	645.	12.92	127.	32.	15.	1.13
+	HYDROGRAPH AT	143	294.	13.00	69.	20.	10.	.50
+	DIVERSION TO	143R	294.	13.00	40.	11.	5.	.50
+	HYDROGRAPH AT	143T	234.	13.25	34.	9.	4.	.50
+	2 COMBINED AT	CP143	730.	13.25	160.	41.	20.	1.63
+	ROUTED TO	R143	695.	13.33	159.	41.	20.	1.63
+	HYDROGRAPH AT	D130	259.	14.17	35.	9.	4.	5.37
+	ROUTED TO	R130	208.	14.75	35.	9.	4.	5.37
+	HYDROGRAPH AT	144	328.	13.00	69.	17.	8.	.51
+	2 COMBINED AT	1I144	321.	13.00	102.	25.	12.	6.05
+	2 COMBINED AT	CP144	916.	13.08	256.	65.	31.	7.68
+	DIVERSION TO	DI164A	60.	13.08	8.	2.	1.	7.68
+	HYDROGRAPH AT	D144	856.	13.08	248.	63.	30.	7.68
+	ROUTED TO	R144	845.	13.33	248.	63.	30.	7.68

	HYDROGRAPH AT							
+		145A	287.	13.08	63.	16.	8.	.49
	2 COMBINED AT							
+		CP145A	1066.	13.25	308.	78.	38.	8.17
	DIVERSION TO							
+		2D164A	1066.	13.25	308.	78.	38.	8.17
	HYDROGRAPH AT							
+		DC145A	0.	.00	0.	0.	0.	8.17
	ROUTED TO							
+		R145A	0.	.00	0.	0.	0.	8.17
	HYDROGRAPH AT							
+		D131	244.	13.08	73.	19.	9.	10.47
	ROUTED TO							
+		R131	195.	13.83	71.	19.	9.	10.47
	HYDROGRAPH AT							
+		145	297.	13.08	64.	16.	8.	.48
	2 COMBINED AT							
+		1I145	324.	13.58	132.	35.	17.	9.00
	2 COMBINED AT							
+		CP145	319.	13.67	130.	35.	17.	11.63
	DIVERSION TO							
+		DI164	13.	13.67	2.	1.	0.	11.63
	HYDROGRAPH AT							
+		1D145	306.	13.67	128.	34.	16.	11.63
	DIVERSION TO							
+		DI165	44.	13.67	7.	2.	1.	11.63
	HYDROGRAPH AT							
+		2D145	262.	13.67	121.	32.	16.	11.63
	ROUTED TO							
+		R145B	260.	13.75	121.	32.	16.	11.63
	DIVERSION TO							
+		DI165B	123.	13.75	36.	9.	4.	11.63
	HYDROGRAPH AT							
+		3D145	138.	13.75	85.	23.	11.	11.63
	ROUTED TO							
+		R145C	137.	13.92	85.	23.	11.	11.63
	DIVERSION TO							
+		DI165C	52.	13.92	24.	6.	3.	11.63
	HYDROGRAPH AT							
+		4D145	86.	13.83	61.	17.	8.	11.63
	ROUTED TO							
+		R145D	86.	13.83	61.	17.	8.	11.63
	HYDROGRAPH AT							
+		1D133	573.	14.50	259.	87.	42.	9.99
	ROUTED TO							
+		RRM2	534.	14.92	253.	87.	42.	9.99
	HYDROGRAPH AT							
+		146	523.	13.17	124.	31.	15.	.90
	2 COMBINED AT							
+		1I146	675.	13.50	319.	108.	52.	15.02
	2 COMBINED AT							
+		!RM3	811.	13.50	402.	131.	63.	11.37
	DIVERSION TO							
+		1D166	0.	.00	0.	0.	0.	11.37

+	HYDROGRAPH AT	D146	811.	13.50	402.	131.	63.	11.37
+	ROUTED TO	RRM3A	748.	13.67	396.	131.	63.	11.37
+	HYDROGRAPH AT	4D145	52.	13.92	24.	6.	3.	11.63
+	ROUTED TO	R145E	51.	14.42	24.	6.	3.	11.63
+	2 COMBINED AT	1D165	747.	13.75	396.	131.	63.	18.49
+	DIVERSION TO	DIRB1	0.	.00	0.	0.	0.	18.49
+	HYDROGRAPH AT	D146B	718.	13.75	377.	126.	61.	18.49
+	ROUTED TO	RRM3B	716.	13.75	377.	126.	61.	18.49
+	HYDROGRAPH AT	3D145	123.	13.75	36.	9.	4.	11.63
+	ROUTED TO	R145F	109.	14.92	36.	9.	4.	11.63
+	2 COMBINED AT	2D165	716.	13.75	409.	135.	65.	18.50
+	DIVERSION TO	DIRB2	0.	.00	0.	0.	0.	18.50
+	HYDROGRAPH AT	D146C	716.	13.75	409.	135.	65.	18.50
+	ROUTED TO	RRM3C	698.	14.00	407.	135.	65.	18.50
+	HYDROGRAPH AT	159	608.	12.33	61.	15.	7.	.58
+	ROUTED TO	R159	594.	12.42	61.	15.	7.	.58
+	HYDROGRAPH AT	160	409.	12.42	44.	11.	5.	.39
+	2 COMBINED AT	CP160	996.	12.42	105.	26.	13.	.97
+	ROUTED TO	R160	893.	12.58	105.	26.	13.	.97
+	HYDROGRAPH AT	161	310.	13.00	62.	15.	7.	.50
+	2 COMBINED AT	CP161	1087.	12.58	165.	41.	20.	1.47
+	ROUTED TO	R161	925.	13.08	165.	41.	20.	1.47
+	HYDROGRAPH AT	162	268.	12.50	34.	8.	4.	.25
+	ROUTED TO	R162	198.	13.17	34.	8.	4.	.25
+	HYDROGRAPH AT	163	492.	12.92	99.	25.	12.	.75
+	2 COMBINED AT	1I163	664.	13.00	132.	33.	16.	1.00
+	2 COMBINED AT	CP163	1565.	13.00	295.	74.	35.	2.47

+	DIVERSION TO DI176A	0.	.00	0.	0.	0.	2.47
+	HYDROGRAPH AT D163	1565.	13.00	295.	74.	35.	2.47
+	ROUTED TO R163	1519.	13.17	295.	74.	35.	2.47
+	HYDROGRAPH AT D144	60.	13.08	8.	2.	1.	7.68
+	ROUTED TO R144	30.	17.17	8.	2.	1.	7.68
+	HYDROGRAPH AT 164A	309.	13.08	66.	17.	8.	.49
+	2 COMBINED AT 1I164A	302.	13.08	71.	18.	9.	8.17
+	2 COMBINED AT CP164A	1765.	13.17	360.	90.	44.	10.64
+	DIVERSION TO DI177A	1765.	13.17	360.	90.	44.	10.64
+	HYDROGRAPH AT DC164A	0.	.00	0.	0.	0.	10.64
+	ROUTED TO R164A	0.	.00	0.	0.	0.	10.64
+	HYDROGRAPH AT 164	311.	13.08	72.	20.	10.	.49
+	DIVERSION TO 164R	229.	12.75	26.	7.	3.	.49
+	HYDROGRAPH AT 164T	311.	13.08	50.	13.	6.	.49
+	2 COMBINED AT 1I164	300.	13.08	47.	12.	6.	11.13
+	HYDROGRAPH AT 1D145	13.	13.67	2.	1.	0.	11.63
+	ROUTED TO R145	10.	14.50	2.	1.	0.	11.63
+	2 COMBINED AT CP164	300.	13.08	49.	13.	6.	15.08
+	DIVERSION TO DI177	22.	13.08	4.	1.	0.	15.08
+	HYDROGRAPH AT D164	272.	13.08	44.	11.	6.	15.08
+	ROUTED TO R164	174.	14.00	44.	11.	6.	15.08
+	HYDROGRAPH AT 2D145	44.	13.67	7.	2.	1.	11.63
+	ROUTED TO R145	15.	19.08	7.	2.	1.	11.63
+	HYDROGRAPH AT 165	511.	13.25	142.	42.	20.	.90
+	DIVERSION TO 165R	511.	13.25	92.	25.	12.	.90
+	HYDROGRAPH AT 165T	372.	13.58	61.	17.	8.	.90
+	2 COMBINED AT 1I165	313.	13.58	59.	17.	8.	12.53

	2 COMBINED AT							
+		2I165	431.	13.83	100.	28.	13.	15.98
	2 COMBINED AT							
+		!RM4	1136.	13.92	521.	167.	80.	15.67
	DIVERSION TO							
+		DI180	0.	.00	0.	0.	0.	15.67
	HYDROGRAPH AT							
+		D165	1136.	13.92	521.	167.	80.	15.67
	ROUTED TO							
+		RRM4	1136.	13.92	521.	167.	80.	15.67
	HYDROGRAPH AT							
+		D163	0.	.00	0.	0.	0.	2.47
	ROUTED TO							
+		R163	0.	.00	0.	0.	0.	2.47
	HYDROGRAPH AT							
+		176A	293.	13.25	71.	19.	9.	.62
	2 COMBINED AT							
+		CP176A	288.	13.25	70.	18.	9.	3.09
	DIVERSION TO							
+		DI191	0.	.00	0.	0.	0.	3.09
	HYDROGRAPH AT							
+		D176A	288.	13.25	70.	18.	9.	3.09
	ROUTED TO							
+		R176A	264.	13.50	70.	18.	9.	3.09
	HYDROGRAPH AT							
+		177A	261.	13.08	57.	15.	7.	.49
	2 COMBINED AT							
+		CP177A	430.	13.17	125.	33.	16.	3.58
	DIVERSION TO							
+		DI192A	430.	13.17	125.	33.	16.	3.58
	HYDROGRAPH AT							
+		DC177A	0.	.00	0.	0.	0.	3.58
	ROUTED TO							
+		R177A	0.	.00	0.	0.	0.	3.58
	HYDROGRAPH AT							
+		177	291.	13.08	62.	15.	7.	.49
	2 COMBINED AT							
+		1I177	286.	13.08	61.	15.	7.	4.07
	HYDROGRAPH AT							
+		D164	22.	13.08	4.	1.	0.	15.08
	ROUTED TO							
+		R164	11.	14.83	4.	1.	0.	15.08
	2 COMBINED AT							
+		CP177	286.	13.08	64.	16.	8.	16.68
	ROUTED TO							
+		R177	255.	13.25	61.	15.	7.	16.68
	HYDROGRAPH AT							
+		178	271.	13.08	65.	19.	9.	.44
	DIVERSION TO							
+		178R	248.	12.92	34.	9.	4.	.44
	HYDROGRAPH AT							
+		178T	251.	13.17	36.	10.	5.	.44
	2 COMBINED AT							
+		CP178	465.	13.25	92.	24.	12.	17.12

	ROUTED TO							
+		R178	396.	13.67	92.	24.	12.	17.12
	HYDROGRAPH AT							
+		179	293.	13.08	64.	16.	8.	.46
	2 COMBINED AT							
+		1I179	538.	13.58	151.	39.	19.	17.58
	2 COMBINED AT							
+		!RM5	1573.	13.83	636.	202.	97.	18.17
	DIVERSION TO							
+		DIRM5	1022.	13.83	192.	48.	23.	18.17
	HYDROGRAPH AT							
+		DRM5	642.	14.58	444.	154.	74.	18.17
	HYDROGRAPH AT							
+		DRRM5	1022.	13.83	192.	48.	23.	18.17
	ROUTED TO							
+		SRRM5	41.	16.33	29.	16.	9.	18.17
	2 COMBINED AT							
+		2RM5	654.	14.58	467.	169.	83.	18.17
	DIVERSION TO							
+		DI193	654.	14.58	467.	169.	83.	18.17
	HYDROGRAPH AT							
+		1D179	0.	.00	0.	0.	0.	18.17
	DIVERSION TO							
+		DI194A	0.	.00	0.	0.	0.	18.17
	HYDROGRAPH AT							
+		2D179	0.	.00	0.	0.	0.	18.17
	ROUTED TO							
+		R179	0.	.00	0.	0.	0.	18.17
	HYDROGRAPH AT							
+		180	515.	13.33	136.	34.	16.	.99
	2 COMBINED AT							
+		1I180	477.	13.33	126.	31.	15.	26.33
	HYDROGRAPH AT							
+		2D133	0.	.00	0.	0.	0.	9.99
	ROUTED TO							
+		R133	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		147	336.	13.00	86.	26.	13.	.50
	DIVERSION TO							
+		147R	336.	13.00	67.	18.	9.	.50
	HYDROGRAPH AT							
+		147T	168.	13.67	27.	8.	4.	.50
	2 COMBINED AT							
+		1I147	125.	13.67	23.	7.	3.	14.62
	HYDROGRAPH AT							
+		D134	57.	13.75	6.	2.	1.	16.87
	ROUTED TO							
+		R134	22.	15.33	6.	2.	1.	16.87
	2 COMBINED AT							
+		CP147	117.	13.67	29.	8.	4.	15.92
	DIVERSION TO							
+		2D166	116.	13.67	29.	8.	4.	15.92
	HYDROGRAPH AT							
+		D147	1.	13.67	0.	0.	0.	15.92

	ROUTED TO						
+	R147	0.	14.33	0.	0.	0.	15.92
	HYDROGRAPH AT						
+	148	311.	13.00	75.	22.	10.	.48
	DIVERSION TO						
+	148R	311.	13.00	42.	11.	5.	.48
	HYDROGRAPH AT						
+	148T	256.	13.25	39.	11.	5.	.48
	2 COMBINED AT						
+	1I148	218.	13.33	34.	9.	4.	16.40
	HYDROGRAPH AT						
+	D135	2.	13.25	0.	0.	0.	17.92
	ROUTED TO						
+	R135	0.	14.42	0.	0.	0.	17.92
	2 COMBINED AT						
+	CP148	218.	13.33	34.	9.	4.	17.46
	DIVERSION TO						
+	DI150	33.	13.33	6.	2.	1.	17.46
	HYDROGRAPH AT						
+	D148	185.	13.33	28.	8.	4.	17.46
	ROUTED TO						
+	R148	68.	14.92	27.	8.	4.	17.46
	HYDROGRAPH AT						
+	D147	116.	13.67	29.	8.	4.	15.92
	ROUTED TO						
+	R147	38.	19.42	26.	8.	4.	15.92
	HYDROGRAPH AT						
+	166	507.	13.33	155.	46.	22.	.98
	DIVERSION TO						
+	166R	507.	13.33	104.	28.	14.	.98
	HYDROGRAPH AT						
+	166T	353.	13.83	64.	18.	9.	.98
	HYDROGRAPH AT						
+	D146	0.	.00	0.	0.	0.	11.37
	ROUTED TO						
+	R146	0.	.00	0.	0.	0.	11.37
	2 COMBINED AT						
+	1I166	420.	13.83	65.	18.	9.	19.47
	2 COMBINED AT						
+	2I166	264.	14.08	65.	23.	11.	21.45
	2 COMBINED AT						
+	CP166	278.	14.08	91.	30.	14.	22.45
	DIVERSION TO						
+	DI167	278.	14.08	91.	30.	14.	22.45
	HYDROGRAPH AT						
+	D166	3.	13.83	0.	0.	0.	22.45
	ROUTED TO						
+	R166	0.	15.08	0.	0.	0.	22.45
	HYDROGRAPH AT						
+	D165	0.	.00	0.	0.	0.	15.67
	ROUTED TO						
+	R165	0.	.00	0.	0.	0.	15.67
	2 COMBINED AT						
+	1I180	0.	15.08	0.	0.	0.	30.29

+	2 COMBINED AT	CP180	477.	13.33	126.	31.	15.	30.29
+	DIVERSION TO	1D195	408.	13.33	109.	27.	13.	30.29
+	HYDROGRAPH AT	D180	65.	13.33	16.	4.	2.	30.29
+	ROUTED TO	R180	56.	13.92	16.	4.	2.	30.29
+	HYDROGRAPH AT	181	258.	12.92	49.	12.	6.	.37
+	2 COMBINED AT	CP181	239.	12.92	60.	15.	7.	30.66
+	DIVERSION TO	2D195	239.	12.92	60.	15.	7.	30.66
+	HYDROGRAPH AT	D181	0.	.00	0.	0.	0.	30.66
+	ROUTED TO	R181	0.	.00	0.	0.	0.	30.66
+	HYDROGRAPH AT	182	191.	12.75	31.	8.	4.	.24
+	2 COMBINED AT	1I182	172.	12.75	28.	7.	3.	30.90
+	HYDROGRAPH AT	D148	33.	13.33	6.	2.	1.	17.46
+	ROUTED TO	R148	21.	14.33	5.	2.	1.	17.46
+	HYDROGRAPH AT	150	188.	12.75	32.	8.	4.	.23
+	2 COMBINED AT	CP150	177.	12.75	35.	9.	4.	17.69
+	ROUTED TO	R150	153.	13.17	35.	9.	4.	17.69
+	HYDROGRAPH AT	151	195.	12.75	40.	12.	6.	.25
+	DIVERSION TO	151R	195.	12.75	28.	7.	4.	.25
+	HYDROGRAPH AT	151T	132.	13.08	16.	5.	2.	.25
+	2 COMBINED AT	1I151	247.	13.25	48.	13.	6.	17.94
+	HYDROGRAPH AT	1D137	143.	14.25	71.	23.	11.	5.58
+	ROUTED TO	R137	134.	14.67	69.	23.	11.	5.58
+	HYDROGRAPH AT	149	293.	13.08	64.	16.	8.	.48
+	2 COMBINED AT	CP149	280.	13.08	110.	35.	17.	22.20
+	ROUTED TO	R149	259.	13.50	108.	35.	17.	22.20
+	2 COMBINED AT	CP151	495.	13.33	172.	53.	25.	7.85
+	DIVERSION TO	1D168	158.	13.33	50.	13.	6.	7.85

	HYDROGRAPH AT							
+		1D151	337.	13.33	122.	40.	19.	7.85
	DIVERSION TO							
+		DI152	158.	13.33	50.	13.	6.	7.85
	HYDROGRAPH AT							
+		2D151	179.	13.33	72.	26.	13.	7.85
	ROUTED TO							
+		R151	159.	14.17	69.	26.	13.	7.85
	HYDROGRAPH AT							
+		167	487.	13.33	142.	40.	19.	.97
	DIVERSION TO							
+		167R	487.	13.33	97.	26.	12.	.97
	HYDROGRAPH AT							
+		167T	309.	13.92	53.	15.	7.	.97
	2 COMBINED AT							
+		1I167	379.	14.08	104.	36.	17.	24.63
	HYDROGRAPH AT							
+		D166	278.	14.08	91.	30.	14.	22.45
	ROUTED TO							
+		R166	209.	14.83	86.	30.	14.	22.45
	2 COMBINED AT							
+		CP167	407.	14.67	184.	65.	31.	25.61
	DIVERSION TO							
+		1D183	44.	14.67	8.	2.	1.	25.61
	HYDROGRAPH AT							
+		1D167	363.	14.67	176.	63.	30.	25.61
	DIVERSION TO							
+		2D168	8.	14.67	2.	0.	0.	25.61
	HYDROGRAPH AT							
+		2D167	354.	14.67	174.	63.	30.	25.61
	ROUTED TO							
+		R167	351.	14.92	172.	63.	30.	25.61
	HYDROGRAPH AT							
+		181A	227.	13.17	52.	13.	6.	.39
	2 COMBINED AT							
+		CP181A	363.	14.75	192.	74.	36.	26.00
	DIVERSION TO							
+		2D183	363.	14.75	192.	74.	36.	26.00
	HYDROGRAPH AT							
+		D181A	0.	.00	0.	0.	0.	26.00
	ROUTED TO							
+		R181A	0.	.00	0.	0.	0.	26.00
	2 COMBINED AT							
+		CP182	172.	12.75	28.	7.	3.	38.46
	DIVERSION TO							
+		DI196	86.	12.75	14.	4.	2.	38.46
	HYDROGRAPH AT							
+		D182	83.	12.75	14.	3.	2.	38.46
	ROUTED TO							
+		R182	52.	14.25	14.	3.	2.	38.46
	HYDROGRAPH AT							
+		DRR2	398.	12.25	82.	29.	14.	21.92
	ROUTED TO							
+		RRR2	170.	12.42	80.	29.	14.	21.92

	HYDROGRAPH AT							
+		2D151	158.	13.33	50.	13.	6.	7.85
	ROUTED TO							
+		R151	146.	13.75	49.	13.	6.	7.85
	HYDROGRAPH AT							
+		152	215.	12.75	37.	9.	4.	.25
	3 COMBINED AT							
+		!RR3	339.	12.42	173.	55.	26.	8.61
	DIVERSION TO							
+		1D169	0.	.00	0.	0.	0.	8.61
	HYDROGRAPH AT							
+		1D152	339.	12.42	173.	55.	26.	8.61
	DIVERSION TO							
+		DI155	0.	.00	0.	0.	0.	8.61
	HYDROGRAPH AT							
+		2D152	339.	12.42	173.	55.	26.	8.61
	ROUTED TO							
+		RRR3	305.	12.75	172.	55.	26.	8.61
	HYDROGRAPH AT							
+		1D151	158.	13.33	50.	13.	6.	7.85
	ROUTED TO							
+		R151	93.	16.25	41.	13.	6.	7.85
	HYDROGRAPH AT							
+		168A	563.	12.08	60.	19.	9.	.28
	DIVERSION TO							
+		168R	506.	12.08	35.	10.	5.	.28
	HYDROGRAPH AT							
+		168T	505.	12.17	32.	9.	4.	.28
	3 COMBINED AT							
+		!RRW	500.	12.17	223.	77.	37.	8.89
	ROUTED TO							
+		RRRW	361.	12.33	221.	76.	37.	8.89
	HYDROGRAPH AT							
+		2D167	8.	14.67	2.	0.	0.	25.61
	ROUTED TO							
+		R167	8.	15.42	2.	0.	0.	25.61
	HYDROGRAPH AT							
+		168B	194.	12.75	35.	9.	5.	.23
	3 COMBINED AT							
+		!RR4	527.	12.75	250.	85.	41.	11.07
	DIVERSION TO							
+		2D169	0.	.00	0.	0.	0.	11.07
	HYDROGRAPH AT							
+		D168	527.	12.75	250.	85.	41.	11.07
	ROUTED TO							
+		RRR4	472.	12.92	244.	85.	41.	11.07
	HYDROGRAPH AT							
+		1D167	44.	14.67	8.	2.	1.	25.61
	ROUTED TO							
+		R167	28.	15.50	8.	2.	1.	25.61
	HYDROGRAPH AT							
+		D181A	363.	14.75	192.	74.	36.	26.00
	ROUTED TO							
+		R181A	356.	15.00	191.	74.	36.	26.00

	HYDROGRAPH AT							
+		183	226.	12.42	27.	7.	3.	.21
	4 COMBINED AT							
+		!RR5	659.	12.92	482.	175.	85.	11.67
	ROUTED TO							
+		SRRR5	276.	17.83	239.	148.	78.	11.67
	ROUTED TO							
+		RRR5	275.	18.00	238.	148.	78.	11.67
	DIVERSION TO							
+		DI181	275.	18.00	238.	148.	78.	11.67
	HYDROGRAPH AT							
+		DRR6	0.	.00	0.	0.	0.	11.67
	ROUTED TO							
+		R183	0.	.00	0.	0.	0.	11.67
	HYDROGRAPH AT							
+		184	465.	13.17	106.	27.	13.	.79
	2 COMBINED AT							
+		1I184	427.	13.17	98.	24.	12.	27.86
	2 COMBINED AT							
+		2I184	418.	13.17	109.	27.	13.	40.32
	HYDROGRAPH AT							
+		D152	0.	.00	0.	0.	0.	8.61
	ROUTED TO							
+		R152	0.	.00	0.	0.	0.	8.61
	HYDROGRAPH AT							
+		155	255.	12.75	51.	13.	6.	.26
	2 COMBINED AT							
+		CP155	237.	12.75	47.	12.	6.	24.27
	ROUTED TO							
+		R155	187.	13.92	47.	12.	6.	24.27
	HYDROGRAPH AT							
+		D152	0.	.00	0.	0.	0.	8.61
	ROUTED TO							
+		R152	0.	.00	0.	0.	0.	8.61
	HYDROGRAPH AT							
+		169	384.	13.17	100.	25.	12.	.51
	2 COMBINED AT							
+		1I169	358.	13.17	92.	23.	11.	24.52
	2 COMBINED AT							
+		2I169	370.	13.83	138.	35.	17.	25.13
	HYDROGRAPH AT							
+		D168	0.	.00	0.	0.	0.	11.07
	ROUTED TO							
+		R168	0.	.00	0.	0.	0.	11.07
	2 COMBINED AT							
+		CP169	370.	13.83	138.	35.	17.	27.24
	ROUTED TO							
+		R169	338.	14.42	135.	34.	17.	27.24
	2 COMBINED AT							
+		CP184	525.	13.83	237.	61.	29.	41.09
	DIVERSION TO							
+		DI197	210.	13.83	95.	24.	12.	41.09
	HYDROGRAPH AT							
+		1D184	315.	13.83	142.	36.	18.	41.09

	DIVERSION TO							
+		DI198	210.	13.83	95.	24.	12.	41.09
	HYDROGRAPH AT							
+		2D184	105.	13.83	48.	12.	6.	41.09
	ROUTED TO							
+		R184	104.	14.17	47.	12.	6.	41.09
	HYDROGRAPH AT							
+		170	274.	12.67	47.	13.	6.	.29
	ROUTED TO							
+		R170	211.	13.75	47.	13.	6.	.29
	HYDROGRAPH AT							
+		185	443.	13.08	97.	24.	12.	.69
	2 COMBINED AT							
+		1I185	444.	13.08	143.	37.	18.	.98
	2 COMBINED AT							
+		CP185	458.	13.67	172.	45.	22.	44.55
	ROUTED TO							
+		R185	352.	15.33	157.	45.	22.	44.55
	HYDROGRAPH AT							
+		2D184	210.	13.83	95.	24.	12.	41.09
	ROUTED TO							
+		R184	190.	16.33	81.	24.	12.	41.09
	HYDROGRAPH AT							
+		198	587.	13.08	144.	40.	19.	.90
	DIVERSION TO							
+		198R	386.	12.75	47.	13.	6.	.90
	HYDROGRAPH AT							
+		198T	587.	13.08	105.	28.	13.	.90
	2 COMBINED AT							
+		1I198	525.	13.08	148.	48.	23.	41.97
	2 COMBINED AT							
+		2I198	525.	13.08	295.	93.	45.	42.95
	HYDROGRAPH AT							
+		1D184	210.	13.83	95.	24.	12.	41.09
	ROUTED TO							
+		R184	201.	15.00	93.	24.	12.	41.09
	HYDROGRAPH AT							
+		197	468.	13.50	135.	35.	17.	1.00
	2 COMBINED AT							
+		CP197	419.	13.50	198.	55.	27.	42.06
	ROUTED TO							
+		R197	377.	14.08	194.	55.	27.	42.06
	HYDROGRAPH AT							
+		203	145.	12.25	13.	3.	2.	.11
	DIVERSION TO							
+		203RET	145.	12.25	13.	3.	2.	.11
	HYDROGRAPH AT							
+		203OUT	0.	.00	0.	0.	0.	.11
	2 COMBINED AT							
+		CP203	377.	14.08	194.	55.	27.	42.17
	2 COMBINED AT							
+		CP198	678.	15.25	486.	147.	71.	44.06
	ROUTED TO							
+		R198	671.	15.42	480.	147.	71.	44.06

	HYDROGRAPH AT							
+		204	366.	12.25	31.	8.	4.	.27
	2 COMBINED AT							
+		1I204	671.	15.42	480.	154.	74.	44.33
	HYDROGRAPH AT							
+		174	623.	12.25	73.	22.	11.	.45
	DIVERSION TO							
+		174R	623.	12.25	52.	14.	7.	.45
	HYDROGRAPH AT							
+		174T	362.	12.42	28.	8.	4.	.45
	ROUTED TO							
+		R174	128.	13.33	28.	8.	4.	.45
	HYDROGRAPH AT							
+		175	396.	12.25	49.	15.	7.	.28
	DIVERSION TO							
+		175R	396.	12.25	41.	11.	5.	.28
	HYDROGRAPH AT							
+		175T	108.	12.58	14.	4.	2.	.28
	DIVERSION TO							
+		DI175A	108.	12.58	14.	4.	2.	.28
	HYDROGRAPH AT							
+		D175	0.	.00	0.	0.	0.	.28
	ROUTED TO							
+		R175	0.	.00	0.	0.	0.	.28
	HYDROGRAPH AT							
+		176	698.	12.42	90.	25.	12.	.67
	DIVERSION TO							
+		176R	552.	12.25	40.	11.	5.	.67
	HYDROGRAPH AT							
+		176T	698.	12.42	56.	15.	7.	.67
	2 COMBINED AT							
+		1I176	695.	12.42	55.	15.	7.	.95
	2 COMBINED AT							
+		CP176	693.	12.42	82.	23.	11.	1.40
	ROUTED TO							
+		R176	367.	13.00	80.	23.	11.	1.40
	HYDROGRAPH AT							
+		D175	108.	12.58	14.	4.	2.	.28
	ROUTED TO							
+		R175	67.	12.83	13.	4.	2.	.28
	HYDROGRAPH AT							
+		175A	435.	12.50	57.	15.	7.	.47
	DIVERSION TO							
+		175AR	258.	12.17	15.	4.	2.	.47
	HYDROGRAPH AT							
+		175AT	435.	12.50	44.	11.	5.	.47
	2 COMBINED AT							
+		CP175A	434.	12.50	56.	15.	7.	.75
	ROUTED TO							
+		R175A	418.	12.83	55.	15.	7.	.75
	HYDROGRAPH AT							
+		CP3	0.	.00	0.	0.	0.	4.86
	ROUTED TO							
+		R3	0.	.00	0.	0.	0.	4.86

+	2 COMBINED AT	1I189	418.	12.83	55.	15.	7.	5.81
+	HYDROGRAPH AT	189	514.	12.42	56.	14.	7.	.51
+	2 COMBINED AT	CP189	526.	12.83	106.	28.	14.	6.32
+	ROUTED TO	R189	433.	13.25	105.	28.	14.	6.32
+	HYDROGRAPH AT	!NR1	256.	12.25	21.	5.	3.	.19
+	ROUTED TO	RNR1	166.	12.58	21.	5.	3.	.19
+	HYDROGRAPH AT	190	553.	12.92	118.	33.	16.	.86
+	DIVERSION TO	190R	472.	12.75	56.	15.	7.	.86
+	HYDROGRAPH AT	190T	529.	13.00	69.	18.	9.	.86
+	3 COMBINED AT	!NR2	989.	13.00	194.	52.	25.	2.12
+	ROUTED TO	RNR2	874.	13.33	192.	52.	25.	2.12
+	HYDROGRAPH AT	D176A	0.	.00	0.	0.	0.	3.09
+	ROUTED TO	R176A	0.	.00	0.	0.	0.	3.09
+	3 COMBINED AT	1I191	1094.	13.25	259.	71.	34.	11.58
+	HYDROGRAPH AT	191	517.	13.25	125.	31.	15.	.99
+	2 COMBINED AT	!NR3	1644.	13.25	386.	104.	50.	5.28
+	DIVERSION TO	1D208	0.	.00	0.	0.	0.	5.28
+	HYDROGRAPH AT	D191	1644.	13.25	386.	104.	50.	5.28
+	ROUTED TO	RNR3	1635.	13.33	385.	104.	50.	5.28
+	HYDROGRAPH AT	192A	327.	12.83	61.	16.	8.	.50
+	DIVERSION TO	192ART	146.	12.33	10.	3.	1.	.50
+	HYDROGRAPH AT	192AOT	327.	12.83	52.	13.	6.	.50
+	DIVERSION TO	DLP5	220.	12.83	35.	9.	4.	.50
+	HYDROGRAPH AT	D192A	107.	12.83	17.	4.	2.	.50
+	2 COMBINED AT	!NR4	1684.	13.33	401.	108.	52.	5.78
+	DIVERSION TO	DINR4	1684.	13.33	401.	108.	52.	5.78
+	HYDROGRAPH AT	DNR4	0.	.00	0.	0.	0.	5.78

	HYDROGRAPH AT							
+		D121A	582.	13.33	131.	40.	19.	3.54
	ROUTED TO							
+		RLPUS	521.	13.42	130.	40.	19.	3.54
	HYDROGRAPH AT							
+		DC131A	615.	14.33	326.	105.	51.	5.87
	2 COMBINED AT							
+		!LP1	926.	13.50	452.	144.	70.	5.87
	ROUTED TO							
+		RLP1	903.	13.50	452.	144.	70.	5.87
	HYDROGRAPH AT							
+		DC145A	1066.	13.25	308.	78.	38.	8.17
	2 COMBINED AT							
+		!LP2	1912.	13.50	752.	222.	107.	8.17
	DIVERSION TO							
+		DILP2	1795.	13.50	743.	220.	106.	8.17
	HYDROGRAPH AT							
+		DLP2	117.	13.50	9.	2.	1.	8.17
	HYDROGRAPH AT							
+		DRLP2	1795.	13.50	743.	220.	106.	8.17
	ROUTED TO							
+		SRLP2	183.	18.00	170.	104.	57.	8.17
	2 COMBINED AT							
+		2LP2	176.	18.08	163.	101.	57.	11.22
	ROUTED TO							
+		RLP2	176.	18.25	163.	101.	56.	11.22
	HYDROGRAPH AT							
+		DC164A	1765.	13.17	360.	90.	44.	10.64
	2 COMBINED AT							
+		!LP3	1768.	13.17	444.	190.	100.	10.64
	ROUTED TO							
+		RLP3	1709.	13.25	442.	190.	100.	10.64
	HYDROGRAPH AT							
+		DC177A	430.	13.17	125.	33.	16.	3.58
	2 COMBINED AT							
+		!LP4	2169.	13.25	576.	228.	119.	3.58
	ROUTED TO							
+		RLP4	2145.	13.33	575.	228.	119.	3.58
	HYDROGRAPH AT							
+		D192A	220.	12.83	35.	9.	4.	.50
	2 COMBINED AT							
+		!LP5	2202.	13.33	590.	228.	119.	12.68
	DIVERSION TO							
+		DILP5	2175.	13.33	580.	223.	117.	12.68
	HYDROGRAPH AT							
+		DLP5	0.	.00	0.	0.	0.	12.68
	2 COMBINED AT							
+		1NRLP	0.	.00	0.	0.	0.	21.07
	HYDROGRAPH AT							
+		DRNR4	1684.	13.33	401.	108.	52.	5.78
	HYDROGRAPH AT							
+		DRLP5	2175.	13.33	580.	223.	117.	12.68
	2 COMBINED AT							
+		2NRLP	3597.	13.33	910.	305.	156.	21.07

+	DIVERSION TO	2DILP5	2547.	13.33	601.	186.	94.	21.07
+	HYDROGRAPH AT	2DLP5	1050.	13.33	309.	118.	62.	21.07
+	HYDROGRAPH AT	2DRLP5	2547.	13.33	601.	186.	94.	21.07
+	ROUTED TO	SRLP5	280.	14.83	215.	107.	59.	21.07
+	2 COMBINED AT	2LP5	1059.	13.33	488.	223.	121.	21.07
+	DIVERSION TO	4D209A	1059.	13.33	488.	223.	121.	21.07
+	HYDROGRAPH AT	DC192A	0.	.00	0.	0.	0.	21.07
+	2 COMBINED AT	2NR4	0.	.00	0.	0.	0.	21.07
+	ROUTED TO	RNR4	0.	.00	0.	0.	0.	21.07
+	HYDROGRAPH AT	192	282.	13.08	60.	15.	7.	.50
+	2 COMBINED AT	!NR5	262.	13.08	55.	14.	7.	21.57
+	DIVERSION TO	1D209	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	1D192	262.	13.08	55.	14.	7.	21.57
+	DIVERSION TO	1D210	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	2D192	262.	13.08	55.	14.	7.	21.57
+	ROUTED TO	RNR5	245.	13.17	55.	14.	7.	21.57
+	DIVERSION TO	DI211	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	1D193	245.	13.17	55.	14.	7.	21.57
+	HYDROGRAPH AT	193	502.	13.25	121.	30.	15.	.91
+	DIVERSION TO	DRM6	251.	13.25	60.	15.	7.	.91
+	HYDROGRAPH AT	D193	251.	13.25	60.	15.	7.	.91
+	2 COMBINED AT	!NR6	477.	13.25	111.	28.	13.	22.48
+	DIVERSION TO	NR6RET	477.	13.25	111.	28.	13.	22.48
+	HYDROGRAPH AT	BSNR6	0.	.00	0.	0.	0.	22.48
+	HYDROGRAPH AT	2D179	0.	.00	0.	0.	0.	18.17
+	ROUTED TO	R179	0.	.00	0.	0.	0.	18.17
+	HYDROGRAPH AT	194A	210.	12.75	35.	9.	4.	.25

	2 COMBINED AT							
+		CP194A	188.	12.75	31.	8.	4.	36.84
	HYDROGRAPH AT							
+		194B	172.	12.75	28.	7.	3.	.25
	HYDROGRAPH AT							
+		1D179	654.	14.58	467.	169.	83.	18.17
	ROUTED TO							
+		RRM5	654.	14.58	467.	169.	83.	18.17
	HYDROGRAPH AT							
+		D193	251.	13.25	60.	15.	7.	.91
	2 COMBINED AT							
+		!RM6	811.	13.50	484.	171.	83.	30.39
	4 COMBINED AT							
+		!!194B	930.	13.33	551.	192.	94.	22.98
	ROUTED TO							
+		!!S194	261.	17.83	252.	181.	94.	22.98
	ROUTED TO							
+		R194B	261.	18.00	252.	181.	94.	22.98
	HYDROGRAPH AT							
+		194C	296.	13.17	68.	17.	8.	.49
	2 COMBINED AT							
+		CP194C	382.	13.17	261.	195.	101.	23.47
	ROUTED TO							
+		R194C	372.	13.33	261.	195.	101.	23.47
	HYDROGRAPH AT							
+		D180	408.	13.33	109.	27.	13.	30.29
	ROUTED TO							
+		R180	284.	15.92	96.	27.	13.	30.29
	HYDROGRAPH AT							
+		195	239.	13.50	67.	17.	8.	.49
	2 COMBINED AT							
+		1I195	289.	15.92	134.	42.	20.	33.41
	HYDROGRAPH AT							
+		DRR6	275.	18.00	238.	148.	78.	11.67
	ROUTED TO							
+		RRR6	275.	18.17	238.	148.	78.	11.67
	HYDROGRAPH AT							
+		D181	239.	12.92	60.	15.	7.	30.66
	2 COMBINED AT							
+		!RR7	274.	18.17	238.	160.	85.	13.03
	ROUTED TO							
+		RRR7	265.	18.50	233.	157.	84.	13.03
	2 COMBINED AT							
+		!RR8	455.	15.83	313.	190.	99.	21.43
	2 COMBINED AT							
+		!!C195	732.	13.42	533.	353.	182.	44.90
	ROUTED TO							
+		R195	714.	13.50	531.	352.	182.	44.90
	HYDROGRAPH AT							
+		D182	86.	12.75	14.	4.	2.	38.46
	ROUTED TO							
+		R182	57.	14.08	14.	4.	2.	38.46
	HYDROGRAPH AT							
+		196	284.	13.00	61.	16.	7.	.47

	2 COMBINED AT							
+		1I196	251.	13.00	68.	17.	8.	38.90
	2 COMBINED AT							
+		!!C196	883.	13.42	589.	376.	195.	37.46
	ROUTED TO							
+		R196	875.	13.58	588.	376.	195.	37.46
	HYDROGRAPH AT							
+		202	235.	13.42	66.	16.	8.	.48
	2 COMBINED AT							
+		!!C202	1077.	13.50	635.	389.	201.	37.94
	ROUTED TO							
+		R202	1068.	13.67	634.	389.	201.	37.94
	2 COMBINED AT							
+		CP204	1587.	13.67	1080.	517.	263.	57.76
	ROUTED TO							
+		R204	1584.	13.67	1079.	517.	263.	57.76
	HYDROGRAPH AT							
+		205	112.	12.08	6.	2.	1.	.06
	2 COMBINED AT							
+		!!C205	1584.	13.67	1079.	518.	263.	57.82
	ROUTED TO							
+		R205	1583.	13.75	1079.	518.	263.	57.82
	HYDROGRAPH AT							
+		206	182.	12.17	13.	3.	2.	.12
	2 COMBINED AT							
+		CP206	1583.	13.75	1079.	520.	264.	58.31
	2 COMBINED AT							
+		RCP206	1688.	13.75	1370.	667.	336.	68.69
	ROUTED TO							
+		RR206	1623.	16.83	1352.	665.	336.	68.69
	HYDROGRAPH AT							
+		228A	129.	12.08	10.	3.	1.	.08
	2 COMBINED AT							
+		AFR2K	1623.	16.83	1352.	666.	337.	68.77
	ROUTED TO							
+		R228A	1519.	18.42	1325.	665.	336.	68.77
	HYDROGRAPH AT							
+		1D10	0.	.00	0.	0.	0.	10.87
	HYDROGRAPH AT							
+		2D10	0.	.00	0.	0.	0.	10.87
	2 COMBINED AT							
+		1I188	0.	.00	0.	0.	0.	11.08
	ROUTED TO							
+		R10	0.	.00	0.	0.	0.	11.08
	HYDROGRAPH AT							
+		188	256.	12.25	21.	5.	3.	.19
	2 COMBINED AT							
+		CP188	244.	12.25	20.	5.	2.	11.08
	ROUTED TO							
+		R188	196.	12.42	20.	5.	2.	11.08
	HYDROGRAPH AT							
+		207A	497.	12.42	53.	13.	6.	.50
	2 COMBINED AT							
+		CP207A	671.	12.42	70.	18.	8.	11.58

+	ROUTED TO	R207A	642.	12.50	70.	18.	8.	11.58
+	HYDROGRAPH AT	214	196.	12.25	17.	4.	2.	.16
+	2 COMBINED AT	CP214	738.	12.42	86.	22.	10.	11.74
+	ROUTED TO	R214	699.	12.50	86.	22.	10.	11.74
+	HYDROGRAPH AT	215A	453.	12.42	49.	12.	6.	.45
+	ROUTED TO	R215A	436.	12.50	49.	12.	6.	.45
+	HYDROGRAPH AT	215	383.	12.33	40.	10.	5.	.35
+	2 COMBINED AT	1I215	793.	12.42	88.	22.	11.	.80
+	2 COMBINED AT	2I215	1397.	12.42	170.	42.	20.	12.54
+	DIVERSION TO	1DI216	114.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT	3I215	1284.	12.50	166.	42.	20.	12.54
+	DIVERSION TO	2DI216	755.	12.50	91.	23.	11.	12.54
+	HYDROGRAPH AT	4I215	529.	12.50	75.	19.	9.	12.54
+	DIVERSION TO	3DI216	0.	.00	0.	0.	0.	12.54
+	HYDROGRAPH AT	5I215	529.	12.50	75.	19.	9.	12.54
+	DIVERSION TO	4DI216	155.	12.50	19.	5.	2.	12.54
+	HYDROGRAPH AT	CP215	374.	12.50	57.	14.	7.	12.54
+	ROUTED TO	R215	357.	12.67	57.	14.	7.	12.54
+	HYDROGRAPH AT	233	464.	12.42	52.	13.	6.	.50
+	2 COMBINED AT	CP233	713.	12.50	105.	26.	13.	13.04
+	ROUTED TO	R233	620.	12.75	105.	26.	13.	13.04
+	HYDROGRAPH AT	216	321.	12.92	62.	16.	8.	.51
+	DIVERSION TO	1OL216	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1D216I	271.	12.92	40.	10.	5.	.51
+	DIVERSION TO	2OL216	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2D216I	221.	12.92	27.	7.	3.	.51
+	DIVERSION TO	3OL216	50.	12.42	11.	3.	1.	.51

+	HYDROGRAPH AT	3D216I	171.	12.92	16.	4.	2.	.51
+	DIVERSION TO	4OL216	50.	12.58	8.	2.	1.	.51
+	HYDROGRAPH AT	4D216I	121.	12.92	8.	2.	1.	.51
+	DIVERSION TO	5OL216	50.	12.75	5.	1.	1.	.51
+	HYDROGRAPH AT	5D216I	71.	12.92	3.	1.	0.	.51
+	HYDROGRAPH AT	1D215	114.	12.42	3.	1.	0.	12.54
+	DIVERSION TO	3D183	94.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT	1DI186	20.	12.42	1.	0.	0.	12.54
+	2 COMBINED AT	1I216	71.	12.92	4.	1.	0.	13.58
+	DIVERSION TO	1DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	1D216	55.	12.92	3.	1.	0.	13.58
+	HYDROGRAPH AT	1216I	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1DI183	94.	12.42	3.	1.	0.	12.54
+	3 COMBINED AT	2I216	158.	12.42	27.	7.	4.	13.58
+	DIVERSION TO	4D183	114.	12.42	19.	5.	3.	13.58
+	HYDROGRAPH AT	2DI186	44.	12.42	7.	2.	1.	13.58
+	DIVERSION TO	2DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	2D216	44.	12.42	7.	2.	1.	13.58
+	HYDROGRAPH AT	2216I	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2DI183	114.	12.42	19.	5.	3.	13.58
+	3 COMBINED AT	3I216	208.	12.42	40.	11.	5.	13.58
+	DIVERSION TO	5D183	85.	12.42	16.	4.	2.	13.58
+	HYDROGRAPH AT	3DI186	122.	12.42	24.	6.	3.	13.58
+	DIVERSION TO	3DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	3D216	122.	12.42	24.	6.	3.	13.58
+	HYDROGRAPH AT	3216I	50.	12.42	11.	3.	1.	.51
+	HYDROGRAPH AT	3DI183	85.	12.42	16.	4.	2.	13.58

+	3 COMBINED AT	4I216	257.	12.42	51.	13.	6.	13.58
+	HYDROGRAPH AT	2D215	755.	12.50	91.	23.	11.	12.54
+	2 COMBINED AT	2I216	1010.	12.42	141.	36.	17.	13.58
+	HYDROGRAPH AT	3D215	0.	.00	0.	0.	0.	12.54
+	2 COMBINED AT	3I216	1010.	12.42	141.	36.	17.	13.58
+	DIVERSION TO	4DI217	4.	12.42	0.	0.	0.	13.58
+	HYDROGRAPH AT	4D216	1005.	12.42	141.	36.	17.	13.58
+	HYDROGRAPH AT	4D215	155.	12.50	19.	5.	2.	12.54
+	2 COMBINED AT	5I216	1160.	12.42	160.	41.	20.	13.58
+	HYDROGRAPH AT	4216I	50.	12.58	8.	2.	1.	.51
+	2 COMBINED AT	6I216	1191.	12.50	167.	42.	20.	13.58
+	DIVERSION TO	5DI217	362.	12.50	34.	9.	4.	13.58
+	HYDROGRAPH AT	5D216	829.	12.50	133.	34.	16.	13.58
+	HYDROGRAPH AT	5216I	50.	12.75	5.	1.	1.	.51
+	2 COMBINED AT	7I216	829.	12.50	137.	35.	17.	13.58
+	DIVERSION TO	6DI217	266.	12.50	35.	9.	4.	13.58
+	HYDROGRAPH AT	6D216	563.	12.50	102.	26.	13.	13.58
+	ROUTED TO	R216	546.	12.67	102.	26.	13.	13.58
+	HYDROGRAPH AT	234	297.	13.17	80.	24.	12.	.53
+	DIVERSION TO	234R	297.	13.17	55.	15.	7.	.53
+	HYDROGRAPH AT	234T	198.	13.58	32.	9.	4.	.53
+	2 COMBINED AT	1I234	572.	12.67	136.	36.	17.	1.04
+	2 COMBINED AT	CP234	1147.	12.67	232.	60.	29.	14.08
+	DIVERSION TO	1D248	447.	12.67	55.	14.	7.	14.08
+	HYDROGRAPH AT	D234	700.	12.67	178.	47.	22.	14.08
+	ROUTED TO	R234	595.	13.25	177.	47.	22.	14.08
+	HYDROGRAPH AT	207	473.	13.25	117.	31.	15.	1.00

	DIVERSION TO							
+		2D208	364.	13.25	90.	24.	11.	1.00
	HYDROGRAPH AT							
+		D207	109.	13.25	27.	7.	3.	1.00
	ROUTED TO							
+		R207	91.	13.92	27.	7.	3.	1.00
	HYDROGRAPH AT							
+		217	281.	13.00	61.	16.	8.	.49
	HYDROGRAPH AT							
+		1D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT							
+		2I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		2D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT							
+		3I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		3D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT							
+		4I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		4D216	4.	12.42	0.	0.	0.	13.58
	2 COMBINED AT							
+		5I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT							
+		5D216	362.	12.50	34.	9.	4.	13.58
	2 COMBINED AT							
+		6I216	509.	12.50	92.	24.	11.	12.54
	HYDROGRAPH AT							
+		6D216	266.	12.50	35.	9.	4.	13.58
	2 COMBINED AT							
+		7I216	778.	12.50	128.	33.	16.	12.54
	ROUTED TO							
+		RD216	475.	13.17	127.	33.	16.	12.54
	2 COMBINED AT							
+		CP217	488.	13.17	151.	39.	19.	14.03
	DIVERSION TO							
+		DI218	107.	13.17	46.	12.	6.	14.03
	HYDROGRAPH AT							
+		D217	381.	13.17	105.	27.	13.	14.03
	ROUTED TO							
+		R217	369.	13.67	105.	27.	13.	14.03
	HYDROGRAPH AT							
+		235	262.	13.17	72.	22.	11.	.47
	DIVERSION TO							
+		235R	262.	13.17	72.	22.	10.	.47
	HYDROGRAPH AT							
+		235T	2.	18.92	2.	0.	0.	.47
	2 COMBINED AT							
+		1I235	396.	13.67	112.	29.	14.	1.96
	2 COMBINED AT							
+		CP235	877.	13.50	278.	73.	35.	16.04
	DIVERSION TO							
+		2D248	456.	13.50	123.	31.	15.	16.04

	HYDROGRAPH AT							
+		D235	422.	13.50	155.	42.	20.	16.04
	ROUTED TO							
+		R235	397.	14.00	153.	42.	20.	16.04
	HYDROGRAPH AT							
+		D191	0.	.00	0.	0.	0.	5.28
	ROUTED TO							
+		R191	0.	.00	0.	0.	0.	5.28
	HYDROGRAPH AT							
+		208	492.	13.17	117.	31.	15.	1.00
	2 COMBINED AT							
+		1I208	471.	13.17	112.	29.	14.	13.18
	HYDROGRAPH AT							
+		D207	364.	13.25	90.	24.	11.	1.00
	ROUTED TO							
+		R207	320.	13.75	90.	24.	11.	1.00
	2 COMBINED AT							
+		CP208	621.	13.25	196.	52.	25.	14.18
	DIVERSION TO							
+		1D219	404.	13.25	132.	35.	17.	14.18
	HYDROGRAPH AT							
+		1D208	217.	13.25	64.	17.	8.	14.18
	DIVERSION TO							
+		DI209A	217.	13.25	64.	17.	8.	14.18
	HYDROGRAPH AT							
+		2D208	0.	13.25	0.	0.	0.	14.18
	ROUTED TO							
+		R208	0.	13.92	0.	0.	0.	14.18
	HYDROGRAPH AT							
+		218	489.	13.25	119.	31.	15.	1.00
	2 COMBINED AT							
+		1I218	463.	13.25	113.	29.	14.	15.18
	HYDROGRAPH AT							
+		D217	107.	13.17	46.	12.	6.	14.03
	ROUTED TO							
+		R217	103.	13.92	46.	12.	6.	14.03
	2 COMBINED AT							
+		CP218	475.	13.25	155.	41.	20.	15.67
	DIVERSION TO							
+		DI237	306.	13.25	114.	31.	15.	15.67
	HYDROGRAPH AT							
+		1D218	169.	13.25	41.	10.	5.	15.67
	DIVERSION TO							
+		2D219	40.	13.25	10.	2.	1.	15.67
	HYDROGRAPH AT							
+		2D218	129.	13.25	32.	8.	4.	15.67
	ROUTED TO							
+		R218	118.	13.58	32.	8.	4.	15.67
	HYDROGRAPH AT							
+		236	516.	13.25	128.	32.	15.	1.00
	2 COMBINED AT							
+		1I236	573.	13.33	153.	38.	18.	16.67
	2 COMBINED AT							
+		CP236	750.	13.42	292.	77.	37.	26.34

+	DIVERSION TO DI249	158.	13.42	36.	9.	4.	26.34
+	HYDROGRAPH AT 1D236	593.	13.42	256.	68.	33.	26.34
+	DIVERSION TO 1D250	241.	13.42	65.	16.	8.	26.34
+	HYDROGRAPH AT 2D236	352.	13.42	190.	52.	25.	26.34
+	ROUTED TO R236	350.	13.67	190.	52.	25.	26.34
+	HYDROGRAPH AT DC192A	1059.	13.33	488.	223.	121.	21.07
+	ROUTED TO RLP5	1035.	13.42	487.	223.	121.	21.07
+	HYDROGRAPH AT 209A	276.	13.08	60.	15.	7.	.50
+	HYDROGRAPH AT 1D208	217.	13.25	64.	17.	8.	14.18
+	ROUTED TO R208	198.	13.42	63.	17.	8.	14.18
+	3 COMBINED AT !LP6	1463.	13.42	628.	269.	144.	14.68
+	DIVERSION TO 3D220	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT 1D209A	1463.	13.42	628.	269.	144.	14.68
+	DIVERSION TO 4D209	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT 2D209A	1463.	13.42	628.	269.	144.	14.68
+	ROUTED TO RLP6	1431.	13.50	627.	268.	143.	14.68
+	HYDROGRAPH AT 2D208	404.	13.25	132.	35.	17.	14.18
+	ROUTED TO R208	357.	15.08	123.	35.	17.	14.18
+	HYDROGRAPH AT 219	278.	13.08	60.	15.	7.	.50
+	2 COMBINED AT 1I219	364.	15.08	164.	49.	24.	14.68
+	2 COMBINED AT 2I219	1590.	13.50	783.	315.	166.	15.18
+	HYDROGRAPH AT 2D218	40.	13.25	10.	2.	1.	15.67
+	ROUTED TO R218	35.	14.08	10.	2.	1.	15.67
+	2 COMBINED AT !LP7	1603.	13.50	788.	315.	166.	16.67
+	DIVERSION TO DI238	0.	.00	0.	0.	0.	16.67
+	HYDROGRAPH AT 1D219	1595.	13.50	783.	313.	165.	16.67
+	DIVERSION TO 2D220	0.	.00	0.	0.	0.	16.67

+	HYDROGRAPH AT 2D219	1595.	13.50	783.	313.	165.	16.67
+	ROUTED TO RLP7	1563.	13.58	781.	312.	165.	16.67
+	HYDROGRAPH AT 1D218	306.	13.25	114.	31.	15.	15.67
+	ROUTED TO R218	277.	14.08	111.	31.	15.	15.67
+	HYDROGRAPH AT 237	280.	13.25	68.	17.	8.	.50
+	2 COMBINED AT 1I237	384.	13.92	168.	47.	23.	16.17
+	2 COMBINED AT 2I237	1894.	13.58	940.	357.	186.	17.17
+	2 COMBINED AT !LP8	2146.	13.67	1070.	383.	199.	27.84
+	DIVERSION TO 2D250	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT 1D237	2146.	13.67	1070.	383.	199.	27.84
+	DIVERSION TO 1D250A	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT 2D237	2146.	13.67	1070.	383.	199.	27.84
+	ROUTED TO R237	2139.	13.67	1069.	383.	199.	27.84
+	HYDROGRAPH AT 1D192	0.	.00	0.	0.	0.	21.57
+	ROUTED TO R192	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT 209	308.	13.08	66.	16.	8.	.50
+	2 COMBINED AT 1I209	294.	13.08	63.	16.	8.	13.68
+	HYDROGRAPH AT 2D209A	0.	.00	0.	0.	0.	14.68
+	ROUTED TO R209A	0.	.00	0.	0.	0.	14.68
+	2 COMBINED AT CP209	294.	13.08	63.	16.	8.	16.18
+	DIVERSION TO 1D221	138.	13.08	34.	9.	4.	16.18
+	HYDROGRAPH AT 1D209	153.	13.08	28.	7.	3.	16.18
+	DIVERSION TO 2D210	45.	13.08	8.	2.	1.	16.18
+	HYDROGRAPH AT 2D209	108.	13.08	20.	5.	2.	16.18
+	ROUTED TO R209	77.	13.92	20.	5.	2.	16.18
+	HYDROGRAPH AT 1D209A	0.	.00	0.	0.	0.	14.68
+	ROUTED TO R209A	0.	.00	0.	0.	0.	14.68

+	HYDROGRAPH AT	220	281.	13.08	62.	15.	7.	.50
+	2 COMBINED AT	1I220	266.	13.08	58.	15.	7.	15.18
+	2 COMBINED AT	2I220	273.	13.08	78.	20.	9.	16.68
+	HYDROGRAPH AT	2D219	0.	.00	0.	0.	0.	16.67
+	ROUTED TO	R219	0.	.00	0.	0.	0.	16.67
+	2 COMBINED AT	CP220	273.	13.08	78.	20.	9.	18.17
+	DIVERSION TO	DI239	198.	13.08	57.	14.	7.	18.17
+	HYDROGRAPH AT	1D220	73.	13.08	21.	5.	3.	18.17
+	DIVERSION TO	2D221	64.	13.08	18.	5.	2.	18.17
+	HYDROGRAPH AT	D220	9.	13.08	3.	1.	0.	18.17
+	ROUTED TO	R220	7.	15.00	3.	1.	0.	18.17
+	HYDROGRAPH AT	1D219	0.	.00	0.	0.	0.	16.67
+	ROUTED TO	R219	0.	.00	0.	0.	0.	16.67
+	HYDROGRAPH AT	238	301.	13.17	69.	17.	8.	.50
+	2 COMBINED AT	1I238	285.	13.17	65.	16.	8.	17.17
+	2 COMBINED AT	2I238	284.	13.17	67.	17.	8.	18.67
+	2 COMBINED AT	!CM1	2282.	13.67	1118.	395.	205.	30.06
+	ROUTED TO	SRCM1	209.	22.50	206.	160.	91.	30.06
+	DIVERSION TO	1DLP9	150.	19.00	150.	133.	78.	30.06
+	HYDROGRAPH AT	DSRCM1	59.	22.50	56.	27.	13.	30.06
+	DIVERSION TO	2D250A	0.	.00	0.	0.	0.	30.06
+	HYDROGRAPH AT	1D238	59.	22.50	56.	27.	13.	30.06
+	DIVERSION TO	1D251	0.	.00	0.	0.	0.	30.06
+	HYDROGRAPH AT	2D238	59.	22.50	56.	27.	13.	30.06
+	ROUTED TO	R238	59.	22.67	56.	27.	13.	30.06
+	HYDROGRAPH AT	2D192	0.	.00	0.	0.	0.	21.57
+	ROUTED TO	R192	0.	.00	0.	0.	0.	21.57

+	HYDROGRAPH AT	210	263.	13.08	58.	15.	7.	.46
+	2 COMBINED AT	1I210	249.	13.08	55.	14.	7.	13.64
+	HYDROGRAPH AT	2D209	45.	13.08	8.	2.	1.	16.18
+	ROUTED TO	R209	36.	13.67	8.	2.	1.	16.18
+	2 COMBINED AT	CP210	255.	13.08	62.	16.	8.	16.58
+	ROUTED TO	R210	222.	13.92	62.	16.	8.	16.58
+	HYDROGRAPH AT	1D209	138.	13.08	34.	9.	4.	16.18
+	ROUTED TO	R209	70.	16.00	29.	9.	4.	16.18
+	HYDROGRAPH AT	221	269.	13.08	61.	15.	7.	.48
+	2 COMBINED AT	1I221	252.	13.08	77.	23.	11.	16.66
+	2 COMBINED AT	2I221	331.	13.75	139.	39.	19.	17.06
+	HYDROGRAPH AT	D220	64.	13.08	18.	5.	2.	18.17
+	ROUTED TO	R220	50.	13.75	18.	5.	2.	18.17
+	2 COMBINED AT	CP221	377.	13.75	156.	43.	21.	19.11
+	ROUTED TO	R221	341.	14.92	155.	43.	21.	19.11
+	HYDROGRAPH AT	1D220	198.	13.08	57.	14.	7.	18.17
+	ROUTED TO	R220	111.	16.17	48.	14.	7.	18.17
+	HYDROGRAPH AT	239	289.	13.08	64.	16.	8.	.48
+	2 COMBINED AT	1I239	270.	13.08	92.	29.	14.	18.65
+	2 COMBINED AT	2I239	350.	14.83	242.	72.	35.	19.59
+	2 COMBINED AT	!CM2	334.	14.83	237.	95.	46.	31.48
+	DIVERSION TO	2D251	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	1D239	334.	14.83	237.	95.	46.	31.48
+	DIVERSION TO	DI252	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	2D239	334.	14.83	237.	95.	46.	31.48
+	ROUTED TO	RCM2	332.	15.00	236.	95.	46.	31.48
+	HYDROGRAPH AT	240	266.	13.00	54.	14.	6.	.40

	2 COMBINED AT							
+		!CM3	471.	13.08	279.	107.	51.	31.88
	ROUTED TO							
+		RCM3	458.	13.33	277.	107.	51.	31.88
	HYDROGRAPH AT							
+		213	351.	12.50	45.	12.	6.	.35
	ROUTED TO							
+		R213	211.	13.42	45.	12.	6.	.35
	HYDROGRAPH AT							
+		212	268.	13.42	74.	18.	9.	.54
	ROUTED TO							
+		SR212	187.	13.83	46.	12.	6.	.54
	2 COMBINED AT							
+		CP212	298.	13.75	78.	20.	10.	37.23
	ROUTED TO							
+		R212	260.	14.67	76.	20.	10.	37.23
	HYDROGRAPH AT							
+		1D193	0.	.00	0.	0.	0.	21.57
	ROUTED TO							
+		R193	0.	.00	0.	0.	0.	21.57
	HYDROGRAPH AT							
+		211	282.	13.08	63.	16.	8.	.49
	2 COMBINED AT							
+		CP211	268.	13.08	60.	15.	7.	13.87
	ROUTED TO							
+		R211	187.	14.42	59.	15.	7.	13.87
	HYDROGRAPH AT							
+		221A	159.	13.25	39.	10.	5.	.31
	2 COMBINED AT							
+		1I221A	244.	14.25	99.	26.	12.	.80
	ROUTED TO							
+		SR221A	240.	14.33	85.	22.	10.	.80
	2 COMBINED AT							
+		CP221A	449.	14.58	147.	39.	19.	38.03
	ROUTED TO							
+		R221A	416.	15.17	144.	39.	19.	38.03
	HYDROGRAPH AT							
+		222	519.	13.58	165.	46.	22.	1.10
	2 COMBINED AT							
+		CP222	506.	15.08	275.	80.	38.	39.13
	ROUTED TO							
+		R222	475.	15.75	271.	80.	38.	39.13
	2 COMBINED AT							
+		!CM4	763.	15.58	541.	182.	89.	34.67
	HYDROGRAPH AT							
+		226	1458.	12.33	189.	56.	27.	1.18
	ROUTED TO							
+		SR226	474.	12.75	181.	56.	27.	1.18
	ROUTED TO							
+		R226	386.	15.25	180.	56.	27.	1.18
	HYDROGRAPH AT							
+		201	379.	12.33	39.	10.	5.	.34
	ROUTED TO							
+		R201	196.	13.83	39.	10.	5.	.34

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+   HYDROGRAPH AT
                    223    1703.  12.42     316.     106.     51.     1.26
+   2 COMBINED AT
                   1I223   1700.  12.42     350.     115.     56.     1.60
+   2 COMBINED AT
                   CP223   1554.  12.42     446.     152.     74.    54.67
+   ROUTED TO
                    R223   1442.  12.67     445.     152.     74.    54.67
+   HYDROGRAPH AT
                    224    1022.  12.33     111.      29.     14.      .80
+   2 COMBINED AT
                   !BD1N   2125.  12.50     603.     197.     96.     3.58
+   ROUTED TO
                   RBD1N   2125.  12.50     603.     197.     96.     3.58
+   HYDROGRAPH AT
                    241    1455.  12.50     193.      52.     25.     1.51
+   2 COMBINED AT
                   1I241   3136.  12.50     702.     222.    108.    56.98
+   2 COMBINED AT
                   !BD2N   3346.  12.50    1217.     399.    195.    39.76
+   ROUTED TO
                   RBD2N   3152.  12.67    1210.     399.    195.    39.76
+   HYDROGRAPH AT
                    253     487.  13.00     165.      49.     24.     1.01
+   DIVERSION TO
                    253R    487.  13.00     125.      34.     16.     1.01
+   HYDROGRAPH AT
                    253T    283.  13.92      55.      16.      8.     1.01
+   2 COMBINED AT
                   1I253   3152.  12.67    1242.     406.    198.    79.75
+   HYDROGRAPH AT
                    253A    282.  12.33      31.       9.      4.      .25
+   DIVERSION TO
                   253AR    168.  12.08      10.       3.      1.      .25
+   HYDROGRAPH AT
                   253AT    282.  12.33      23.       6.      3.      .25
+   ROUTED TO
                   R253A    132.  13.25      22.       6.      3.      .25
+   2 COMBINED AT
                  !!I253   3152.  12.67    1260.     411.    200.    80.00
+   HYDROGRAPH AT
                    247    283.  13.08      64.      16.      8.      .50
+   DIVERSION TO
                   DI261      0.    .00       0.       0.      0.      .50
+   HYDROGRAPH AT
                    D247    283.  13.08      64.      16.      8.      .50
+   ROUTED TO
                    R247    252.  13.50      64.      16.      8.      .50
+   HYDROGRAPH AT
                    248     466.  13.25     116.      29.     14.     1.00
+   HYDROGRAPH AT
                    D234     447.  12.67      55.      14.      7.    14.08
+   ROUTED TO
                    R234     265.  13.50      55.      14.      7.    14.08
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+	2 COMBINED AT	1I248	670.	13.33	164.	41.	20.	15.08
+	2 COMBINED AT	2I248	883.	13.42	223.	56.	27.	15.58
+	HYDROGRAPH AT	D235	456.	13.50	123.	31.	15.	16.04
+	ROUTED TO	R235	412.	14.17	123.	31.	15.	16.04
+	2 COMBINED AT	CP248	1087.	13.58	342.	86.	41.	17.54
+	DIVERSION TO	DI262	1023.	13.58	331.	83.	40.	17.54
+	HYDROGRAPH AT	D248	64.	13.58	11.	3.	1.	17.54
+	ROUTED TO	R248	50.	14.58	11.	3.	1.	17.54
+	HYDROGRAPH AT	249	514.	13.25	128.	32.	15.	1.00
+	2 COMBINED AT	1I249	484.	13.25	131.	33.	16.	18.54
+	HYDROGRAPH AT	1D236	158.	13.42	36.	9.	4.	26.34
+	ROUTED TO	R236	155.	13.92	36.	9.	4.	26.34
+	2 COMBINED AT	CP249	483.	13.33	164.	41.	20.	28.84
+	DIVERSION TO	DI264	46.	13.25	13.	3.	2.	28.84
+	HYDROGRAPH AT	D249	433.	13.25	149.	37.	18.	28.84
+	ROUTED TO	R249	415.	13.83	149.	37.	18.	28.84
+	HYDROGRAPH AT	2D236	241.	13.42	65.	16.	8.	26.34
+	ROUTED TO	R236	161.	16.83	57.	16.	8.	26.34
+	HYDROGRAPH AT	250	294.	13.08	65.	16.	8.	.49
+	2 COMBINED AT	1I250	270.	13.08	93.	31.	15.	26.83
+	HYDROGRAPH AT	SRCM1D	150.	19.00	150.	133.	78.	30.06
+	ROUTED TO	RLP8	150.	19.83	150.	133.	78.	30.06
+	2 COMBINED AT	2I250	269.	13.08	192.	149.	94.	28.33
+	2 COMBINED AT	!LP9	544.	13.58	277.	183.	110.	31.55
+	DIVERSION TO	DI265	544.	13.58	277.	183.	110.	31.55
+	HYDROGRAPH AT	D250	0.	.00	0.	0.	0.	31.55
+	ROUTED TO	R250	0.	.00	0.	0.	0.	31.55

+	HYDROGRAPH AT	2D237	0.	.00	0.	0.	0.	27.84
+	ROUTED TO	R237	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT	250A	296.	13.17	70.	18.	8.	.51
+	2 COMBINED AT	1I250A	234.	13.17	55.	14.	7.	328.35
+	HYDROGRAPH AT	1D238	0.	.00	0.	0.	0.	30.06
+	ROUTED TO	R238	0.	.00	0.	0.	0.	30.06
+	2 COMBINED AT	2I250A	270.	13.17	64.	16.	8.	30.85
+	2 COMBINED AT	!!250A	268.	13.17	64.	16.	8.	33.84
+	ROUTED TO	R250A	249.	13.42	64.	16.	8.	33.84
+	HYDROGRAPH AT	2D238	0.	.00	0.	0.	0.	30.06
+	ROUTED TO	R238	0.	.00	0.	0.	0.	30.06
+	HYDROGRAPH AT	251	307.	13.17	75.	20.	10.	.50
+	DIVERSION TO	251R	251.	12.92	29.	8.	4.	.50
+	HYDROGRAPH AT	251T	307.	13.17	49.	13.	6.	.50
+	2 COMBINED AT	1I251	278.	13.17	41.	11.	5.	30.84
+	HYDROGRAPH AT	1D239	0.	.00	0.	0.	0.	31.48
+	ROUTED TO	R239	0.	.00	0.	0.	0.	31.48
+	2 COMBINED AT	2I251	278.	13.17	41.	11.	5.	32.26
+	2 COMBINED AT	!!C251	485.	13.25	104.	27.	13.	35.76
+	ROUTED TO	R251	437.	13.75	103.	27.	13.	35.76
+	HYDROGRAPH AT	252	296.	13.17	78.	23.	11.	.50
+	DIVERSION TO	252R	296.	13.17	59.	16.	8.	.50
+	HYDROGRAPH AT	252T	149.	13.83	25.	7.	3.	.50
+	HYDROGRAPH AT	2D239	0.	.00	0.	0.	0.	31.48
+	ROUTED TO	R239	0.	.00	0.	0.	0.	31.48
+	3 COMBINED AT	!!C252	464.	13.75	118.	31.	15.	36.26
+	ROUTED TO	R252	214.	16.67	105.	31.	15.	36.26

	2 COMBINED AT						
+	!BD3N	3152.	12.67	1330.	444.	218.	42.53
	ROUTED TO						
+	RBD3N	2955.	12.92	1312.	440.	216.	42.53
	HYDROGRAPH AT						
+	267	1457.	12.42	201.	59.	28.	1.19
	DIVERSION TO						
+	267R	1457.	12.42	200.	58.	28.	1.19
	HYDROGRAPH AT						
+	267T	9.	23.33	4.	2.	1.	1.19
	2 COMBINED AT						
+	!BD4N	2955.	12.92	1312.	440.	216.	43.72
	ROUTED TO						
+	RBD4N	2838.	13.00	1301.	438.	215.	43.72
	HYDROGRAPH AT						
+	286	407.	12.83	108.	29.	14.	.70
	DIVERSION TO						
+	286R	357.	12.58	34.	9.	4.	.70
	HYDROGRAPH AT						
+	286T	407.	12.83	77.	20.	10.	.70
	2 COMBINED AT						
+	1I286	3112.	13.00	1330.	440.	215.	86.98
	HYDROGRAPH AT						
+	288	128.	13.25	34.	9.	5.	.22
	DIVERSION TO						
+	288R	113.	13.08	16.	4.	2.	.22
	HYDROGRAPH AT						
+	288T	123.	13.33	20.	5.	3.	.22
	ROUTED TO						
+	R288	100.	13.67	20.	5.	3.	.22
	2 COMBINED AT						
+	!BD1S	3177.	13.00	1378.	458.	224.	44.64
	DIVERSION TO						
+	DIBD1S	2366.	13.00	1009.	325.	159.	44.64
	HYDROGRAPH AT						
+	DBD1S	811.	13.00	369.	133.	65.	44.64
	ROUTED TO						
+	RBD1S	697.	13.33	363.	133.	65.	44.64
	HYDROGRAPH AT						
+	DRBD1S	2366.	13.00	1009.	325.	159.	44.64
	HYDROGRAPH AT						
+	287	214.	12.67	40.	12.	6.	.23
	DIVERSION TO						
+	DI10C4	107.	12.67	20.	6.	3.	.23
	HYDROGRAPH AT						
+	DT10C4	107.	12.67	20.	6.	3.	.23
	2 COMBINED AT						
+	1BD1S	2425.	13.00	1020.	330.	161.	44.64
	ROUTED TO						
+	SRBD1S	1840.	13.42	943.	315.	152.	44.64
	DIVERSION TO						
+	!ADOTD	478.	13.42	245.	82.	39.	44.64
	HYDROGRAPH AT						
+	D287	1361.	13.42	698.	233.	112.	44.64

+	2 COMBINED AT	1BD2S	2040.	13.42	1057.	362.	177.	46.36
+	HYDROGRAPH AT	283	84.	12.75	20.	5.	3.	.14
+	DIVERSION TO	283R	67.	12.42	5.	1.	1.	.14
+	HYDROGRAPH AT	283T	84.	12.75	16.	4.	2.	.14
+	ROUTED TO	R283	71.	13.33	16.	4.	2.	.14
+	HYDROGRAPH AT	285B	81.	12.33	10.	3.	1.	.06
+	2 COMBINED AT	!10C1	72.	12.33	22.	6.	3.	36.31
+	DIVERSION TO	DI297	0.	.00	0.	0.	0.	36.31
+	HYDROGRAPH AT	D285B	72.	12.33	22.	6.	3.	36.31
+	ROUTED TO	R10C1	64.	12.42	22.	6.	3.	36.31
+	HYDROGRAPH AT	266	1000.	12.42	142.	42.	20.	.85
+	DIVERSION TO	266RET	1000.	12.42	142.	41.	20.	.85
+	HYDROGRAPH AT	266OUT	3.	17.75	2.	1.	0.	.85
+	ROUTED TO	R266	2.	20.25	2.	1.	0.	.85
+	HYDROGRAPH AT	284	205.	12.75	51.	14.	7.	.34
+	DIVERSION TO	284R	202.	12.67	21.	5.	3.	.34
+	HYDROGRAPH AT	284T	205.	12.83	32.	8.	4.	.34
+	2 COMBINED AT	CP284	202.	12.83	32.	9.	4.	1.15
+	ROUTED TO	SR284	0.	.00	0.	0.	0.	1.15
+	ROUTED TO	R284	0.	.00	0.	0.	0.	1.15
+	HYDROGRAPH AT	285A	80.	12.33	10.	3.	1.	.06
+	2 COMBINED AT	1I285A	70.	12.33	9.	3.	1.	37.89
+	2 COMBINED AT	!10C2	130.	12.33	30.	9.	4.	37.89
+	DIVERSION TO	1D297A	0.	.00	0.	0.	0.	37.89
+	HYDROGRAPH AT	D285A	130.	12.33	30.	9.	4.	37.89
+	ROUTED TO	R10C2	127.	12.42	30.	9.	4.	37.89
+	HYDROGRAPH AT	285	55.	12.33	7.	2.	1.	.04

	2 COMBINED AT							
+		!10C3	170.	12.42	36.	10.	5.	37.93
	DIVERSION TO							
+		2D297A	0.	.00	0.	0.	0.	37.93
	HYDROGRAPH AT							
+		D285	170.	12.42	36.	10.	5.	37.93
	ROUTED TO							
+		R10C3	153.	12.58	36.	10.	5.	37.93
	HYDROGRAPH AT							
+		DR10C4	107.	12.67	20.	6.	3.	.23
	2 COMBINED AT							
+		!10C4	244.	12.58	54.	16.	8.	38.16
	2 COMBINED AT							
+		!BD2S	2100.	13.33	1084.	377.	184.	46.36
	ROUTED TO							
+		RBD2S	2097.	13.42	1083.	377.	184.	46.36
	HYDROGRAPH AT							
+		298	669.	12.75	127.	35.	17.	.84
	DIVERSION TO							
+		298R	438.	12.42	40.	11.	5.	.84
	HYDROGRAPH AT							
+		298T	669.	12.75	94.	25.	12.	.84
	2 COMBINED AT							
+		!BD3S	2302.	13.33	1142.	396.	193.	47.20
	ROUTED TO							
+		RBD3S	2205.	13.67	1132.	396.	193.	47.20
	HYDROGRAPH AT							
+		316	467.	13.17	115.	30.	15.	.82
	DIVERSION TO							
+		316R	264.	12.67	28.	7.	4.	.82
	HYDROGRAPH AT							
+		316T	467.	13.17	89.	23.	11.	.82
	2 COMBINED AT							
+		!BD4S	2479.	13.58	1200.	414.	202.	48.02
	ROUTED TO							
+		RBD4S	2409.	13.75	1190.	414.	202.	48.02
	HYDROGRAPH AT							
+		334	397.	12.50	69.	18.	9.	.62
	DIVERSION TO							
+		334R	168.	12.17	9.	2.	1.	.62
	HYDROGRAPH AT							
+		334T	397.	12.50	61.	15.	7.	.62
	2 COMBINED AT							
+		1I334	2417.	13.75	1190.	422.	206.	90.57
	HYDROGRAPH AT							
+		D285	0.	.00	0.	0.	0.	37.93
	ROUTED TO							
+		R285	0.	.00	0.	0.	0.	37.93
	HYDROGRAPH AT							
+		D285A	0.	.00	0.	0.	0.	37.89
	ROUTED TO							
+		R285A	0.	.00	0.	0.	0.	37.89
	HYDROGRAPH AT							
+		297A	202.	12.92	45.	13.	6.	.27

+	DIVERSION TO	297AR	195.	12.83	24.	7.	3.	.27
+	HYDROGRAPH AT	297AT	185.	13.00	24.	7.	3.	.27
+	2 COMBINED AT	1I297A	144.	13.08	19.	5.	3.	38.16
+	2 COMBINED AT	CP297A	144.	13.08	19.	5.	3.	38.20
+	ROUTED TO	R297A	70.	15.00	18.	5.	3.	38.20
+	HYDROGRAPH AT	315	257.	13.25	66.	18.	9.	.47
+	DIVERSION TO	315R	176.	12.92	22.	6.	3.	.47
+	HYDROGRAPH AT	315T	257.	13.25	47.	12.	6.	.47
+	2 COMBINED AT	CP315	228.	13.25	57.	15.	7.	38.67
+	ROUTED TO	R315	112.	15.17	51.	15.	7.	38.67
+	2 COMBINED AT	!BD5S	2435.	13.75	1244.	440.	215.	49.38
+	ROUTED TO	RBD5S	2395.	13.83	1241.	440.	215.	49.38
+	HYDROGRAPH AT	335	398.	12.67	77.	22.	11.	.43
+	2 COMBINED AT	!BD6S	2430.	13.83	1258.	457.	224.	49.81
+	ROUTED TO	R335	2415.	13.92	1256.	457.	224.	49.81
+	HYDROGRAPH AT	335A	107.	12.25	10.	2.	1.	.07
+	2 COMBINED AT	CP335A	2415.	13.92	1256.	459.	225.	49.88
+	ROUTED TO	R335A	2403.	14.00	1256.	459.	225.	49.88
+	HYDROGRAPH AT	299	325.	12.75	56.	15.	7.	.40
+	DIVERSION TO	299R	124.	12.17	7.	2.	1.	.40
+	HYDROGRAPH AT	299T	325.	12.75	50.	13.	6.	.40
+	ROUTED TO	R299	211.	14.25	50.	13.	6.	.40
+	HYDROGRAPH AT	317	323.	13.25	79.	20.	10.	.57
+	DIVERSION TO	317R	86.	12.25	5.	1.	1.	.57
+	HYDROGRAPH AT	317T	323.	13.25	75.	19.	9.	.57
+	2 COMBINED AT	CP317	321.	13.25	124.	31.	15.	.95
+	ROUTED TO	R317	292.	13.83	121.	31.	15.	.95

+	HYDROGRAPH AT	300	334.	12.83	70.	20.	10.	.39
+	ROUTED TO	R300	255.	14.17	69.	20.	10.	.39
+	HYDROGRAPH AT	318	598.	12.67	114.	35.	17.	.62
+	2 COMBINED AT	CP318	601.	12.67	175.	54.	26.	1.01
+	ROUTED TO	R318	553.	12.92	174.	54.	26.	1.01
+	HYDROGRAPH AT	301	550.	12.17	60.	19.	9.	.30
+	DIVERSION TO	301R	11.	9.58	7.	2.	1.	.30
+	HYDROGRAPH AT	301T	550.	12.17	60.	17.	8.	.30
+	ROUTED TO	R301	222.	13.83	59.	17.	8.	.30
+	HYDROGRAPH AT	319	595.	12.50	100.	31.	15.	.54
+	2 COMBINED AT	CP319	593.	12.50	150.	47.	23.	.84
+	ROUTED TO	R319	538.	12.83	149.	47.	23.	.84
+	HYDROGRAPH AT	337	748.	12.25	89.	27.	13.	.49
+	3 COMBINED AT	CP337	1163.	12.83	401.	126.	61.	2.34
+	ROUTED TO	SR337	375.	14.92	357.	126.	61.	2.34
+	DIVERSION TO	DI367	375.	14.92	357.	126.	61.	2.34
+	HYDROGRAPH AT	D337	0.	.00	0.	0.	0.	2.34
+	ROUTED TO	R337	0.	.00	0.	0.	0.	2.34
+	2 COMBINED AT	1I336	293.	13.83	121.	31.	15.	33.31
+	HYDROGRAPH AT	336	629.	13.92	256.	79.	38.	1.36
+	2 COMBINED AT	CP336	788.	13.92	315.	95.	46.	88.01
+	ROUTED TO	R336	782.	14.00	315.	95.	46.	88.01
+	2 COMBINED AT	BLRD2	2999.	14.00	1463.	518.	256.	94.97
+	HYDROGRAPH AT	336A	109.	13.50	47.	13.	6.	.37
+	ROUTED TO	R336A	108.	13.75	47.	13.	6.	.37
+	HYDROGRAPH AT	364A	92.	12.67	14.	4.	2.	.10
+	2 COMBINED AT	CP364A	138.	12.75	61.	16.	8.	.44

+	2 COMBINED AT	!!BRD3	3077.	14.00	1498.	530.	262.	97.93
+	ROUTED TO	RBLRD3	3052.	14.17	1497.	530.	262.	97.93
+	HYDROGRAPH AT	365	264.	12.83	48.	13.	6.	.38
+	ROUTED TO	R365	177.	14.50	46.	13.	6.	.38
+	HYDROGRAPH AT	364	305.	13.08	70.	17.	8.	.49
+	2 COMBINED AT	CP364	303.	13.08	111.	30.	14.	1.60
+	ROUTED TO	SR364	275.	13.25	100.	27.	13.	1.60
+	3 COMBINED AT	AFR6	3449.	14.17	2637.	1174.	589.	103.03
+	HYDROGRAPH AT	364B	146.	13.08	33.	8.	4.	.23
+	ROUTED TO	R364B	124.	14.08	33.	8.	4.	.23
+	HYDROGRAPH AT	363	343.	13.25	87.	22.	10.	.63
+	2 COMBINED AT	1I363	399.	13.33	119.	30.	14.	.86
+	HYDROGRAPH AT	314	368.	12.67	70.	20.	10.	.42
+	DIVERSION TO	314R	368.	12.67	39.	11.	5.	.42
+	HYDROGRAPH AT	314T	328.	12.83	36.	10.	5.	.42
+	ROUTED TO	R314	99.	15.25	33.	10.	5.	.42
+	HYDROGRAPH AT	333	611.	12.50	104.	32.	15.	.58
+	DIVERSION TO	333R	611.	12.50	92.	25.	12.	.58
+	HYDROGRAPH AT	333T	114.	13.25	21.	7.	3.	.58
+	2 COMBINED AT	CP333	114.	13.25	50.	16.	8.	1.00
+	ROUTED TO	R333	96.	16.17	49.	16.	8.	1.00
+	HYDROGRAPH AT	348A	212.	12.58	34.	10.	5.	.22
+	DIVERSION TO	348AR	212.	12.58	23.	6.	3.	.22
+	HYDROGRAPH AT	348AT	133.	12.83	13.	4.	2.	.22
+	2 COMBINED AT	CP348A	130.	12.83	57.	20.	10.	1.22
+	ROUTED TO	R348A	93.	16.58	55.	20.	10.	1.22
+	HYDROGRAPH AT	348B	420.	13.33	123.	35.	17.	.78

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          DIVERSION TO
+                     348BR      89.   12.17       14.       4.       2.      .78
          HYDROGRAPH AT
+                     348BT     420.   13.33      117.      31.      15.      .78
          2 COMBINED AT
+                    CP348B     484.   13.33      166.      50.      24.     1.75
          ROUTED TO
+                    SR348B     437.   13.50      165.      50.      24.     1.75
          ROUTED TO
+                     R348B     382.   14.33      158.      50.      24.     1.75
          2 COMBINED AT
+                     1I363     620.   14.17      253.      79.      38.     2.38
          HYDROGRAPH AT
+                       348     269.   12.75       54.      15.       7.      .34
          DIVERSION TO
+                      348R     269.   12.75       31.       8.       4.      .34
          HYDROGRAPH AT
+                      348T     227.   12.92       27.       7.       3.      .34
          ROUTED TO
+                     SR348     183.   13.08       25.       7.       3.      .34
          DIVERSION TO
+                     DI347       0.     .00        0.       0.       0.      .34
          HYDROGRAPH AT
+                      D348     183.   13.08       25.       7.       3.      .34
          ROUTED TO
+                      R348      98.   14.00       23.       7.       4.      .34
          2 COMBINED AT
+                     CP363     700.   14.17      274.      86.      42.     2.58
          ROUTED TO
+                      R363     631.   14.92      273.      86.      42.     2.58
          HYDROGRAPH AT
+                       362     325.   12.83       60.      15.       7.      .42
          2 COMBINED AT
+                     1I362     631.   14.92      318.     101.      48.     3.14
          HYDROGRAPH AT
+                       265      98.   13.08       33.       8.       4.      .25
          HYDROGRAPH AT
+                      D250     544.   13.58      277.     183.     110.    31.55
          ROUTED TO
+                      RLP9     542.   13.67      277.     183.     110.    31.55
          2 COMBINED AT
+                     !LP10     612.   13.67      300.     189.     113.    33.58
          DIVERSION TO
+                     3D278     612.   13.67      300.     189.     113.    33.58
          HYDROGRAPH AT
+                    DCP265       0.     .00        0.       0.       0.    33.58
          ROUTED TO
+                      R265       0.     .00        0.       0.       0.    33.58
          HYDROGRAPH AT
+                      265A     515.   12.83      135.      36.      18.      .92
          DIVERSION TO
+                     165AR     262.   12.25       21.       6.       3.      .92
          HYDROGRAPH AT
+                     165AT     515.   12.83      119.      31.      15.      .92
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+	2 COMBINED AT	CP265A	467.	12.83	106.	27.	13.	32.90
+	ROUTED TO	R265A	390.	14.00	103.	27.	13.	32.90
+	HYDROGRAPH AT	281	394.	13.00	132.	39.	19.	.85
+	DIVERSION TO	281R	394.	13.00	101.	27.	13.	.85
+	HYDROGRAPH AT	281T	196.	14.00	42.	12.	6.	.85
+	2 COMBINED AT	CP281	464.	14.00	134.	37.	18.	28.12
+	ROUTED TO	SR281	433.	14.42	121.	33.	16.	28.12
+	DIVERSION TO	DI280	33.	14.42	9.	3.	1.	28.12
+	HYDROGRAPH AT	D281	400.	14.42	112.	31.	15.	28.12
+	ROUTED TO	R281	396.	14.42	112.	31.	15.	28.12
+	HYDROGRAPH AT	282	154.	12.33	17.	4.	2.	.12
+	2 COMBINED AT	CP282	396.	14.42	119.	34.	17.	28.25
+	ROUTED TO	SR282	299.	15.00	119.	34.	17.	28.25
+	ROUTED TO	R282	291.	15.33	117.	34.	17.	28.25
+	HYDROGRAPH AT	296A	458.	12.42	65.	19.	9.	.39
+	2 COMBINED AT	CP296A	421.	12.42	169.	51.	25.	28.66
+	DIVERSION TO	296ART	421.	12.42	54.	14.	7.	28.66
+	HYDROGRAPH AT	296AOT	296.	15.33	128.	37.	18.	28.66
+	ROUTED TO	R296A	234.	17.25	119.	37.	18.	28.66
+	HYDROGRAPH AT	232	959.	12.42	105.	27.	13.	.93
+	DIVERSION TO	2D28	959.	12.42	105.	27.	13.	.93
+	HYDROGRAPH AT	D232	0.	.00	0.	0.	0.	.93
+	ROUTED TO	R232	0.	.00	0.	0.	0.	.93
+	HYDROGRAPH AT	246	706.	12.50	98.	27.	13.	.75
+	DIVERSION TO	246R	412.	12.17	27.	7.	3.	.75
+	HYDROGRAPH AT	246T	706.	12.50	76.	20.	9.	.75
+	2 COMBINED AT	CP246	700.	12.50	75.	19.	9.	1.68

	ROUTED TO							
+		R246	601.	12.75	75.	19.	9.	1.68
	HYDROGRAPH AT							
+		260	532.	12.33	56.	15.	7.	.50
	2 COMBINED AT							
+		CP260	767.	12.67	128.	34.	16.	2.18
	ROUTED TO							
+		R260	668.	13.00	128.	34.	16.	2.18
	HYDROGRAPH AT							
+		273	648.	12.42	74.	19.	9.	.65
	2 COMBINED AT							
+		!10W1	876.	12.50	200.	52.	25.	2.83
	DIVERSION TO							
+		1D292	0.	.00	0.	0.	0.	2.83
	HYDROGRAPH AT							
+		D273	876.	12.50	200.	52.	25.	2.83
	ROUTED TO							
+		R10W1	856.	12.58	200.	52.	25.	2.83
	HYDROGRAPH AT							
+		261	202.	13.17	48.	13.	6.	.41
	HYDROGRAPH AT							
+		D247	0.	.00	0.	0.	0.	.50
	ROUTED TO							
+		R247	0.	.00	0.	0.	0.	.50
	2 COMBINED AT							
+		CP261	202.	13.17	48.	13.	6.	.91
	DIVERSION TO							
+		DI277	74.	13.17	16.	4.	2.	.91
	HYDROGRAPH AT							
+		D261	126.	13.17	31.	8.	4.	.91
	ROUTED TO							
+		R261	109.	13.75	31.	8.	4.	.91
	HYDROGRAPH AT							
+		274	261.	13.50	73.	18.	9.	.66
	2 COMBINED AT							
+		1I274	347.	13.58	104.	27.	13.	1.57
	2 COMBINED AT							
+		!10W2	894.	12.58	283.	74.	36.	18.76
	DIVERSION TO							
+		2D292	0.	.00	0.	0.	0.	18.76
	HYDROGRAPH AT							
+		D274	894.	12.58	283.	74.	36.	18.76
	ROUTED TO							
+		R10W2	884.	12.67	283.	74.	36.	18.76
	HYDROGRAPH AT							
+		275	117.	12.42	14.	3.	2.	.11
	2 COMBINED AT							
+		!10W3	956.	12.58	295.	77.	37.	19.01
	DIVERSION TO							
+		1D293	0.	.00	0.	0.	0.	19.01
	HYDROGRAPH AT							
+		D275	956.	12.58	295.	77.	37.	19.01
	ROUTED TO							
+		R10W3	925.	12.75	295.	77.	37.	19.01

+	HYDROGRAPH AT	276	167.	13.00	33.	8.	4.	.26
+	2 COMBINED AT	!10W4	1054.	12.83	325.	85.	41.	19.26
+	DIVERSION TO	2D293	0.	.00	0.	0.	0.	19.26
+	HYDROGRAPH AT	D276	1054.	12.83	325.	85.	41.	19.26
+	ROUTED TO	R10W4	1042.	12.92	325.	85.	41.	19.26
+	HYDROGRAPH AT	D248	1023.	13.58	331.	83.	40.	17.54
+	ROUTED TO	R248	1001.	13.92	330.	83.	40.	17.54
+	HYDROGRAPH AT	262	509.	13.25	121.	30.	15.	1.03
+	2 COMBINED AT	CP262	1235.	13.83	440.	111.	53.	18.57
+	DIVERSION TO	1D278	422.	13.83	150.	38.	18.	18.57
+	HYDROGRAPH AT	1D262	813.	13.83	290.	73.	35.	18.57
+	DIVERSION TO	DI263	569.	13.83	204.	52.	25.	18.57
+	HYDROGRAPH AT	2D262	244.	13.83	85.	21.	10.	18.57
+	ROUTED TO	R262	230.	14.67	85.	21.	10.	18.57
+	HYDROGRAPH AT	D261	74.	13.17	16.	4.	2.	.91
+	ROUTED TO	R261	27.	20.08	16.	4.	2.	.91
+	HYDROGRAPH AT	277	495.	13.08	109.	28.	13.	.91
+	2 COMBINED AT	1I277	492.	13.08	108.	32.	15.	1.82
+	2 COMBINED AT	2I277	463.	13.08	180.	51.	24.	19.48
+	2 COMBINED AT	!10W5	1483.	13.08	502.	135.	65.	20.76
+	DIVERSION TO	3D293	0.	.00	0.	0.	0.	20.76
+	HYDROGRAPH AT	D277	1483.	13.08	502.	135.	65.	20.76
+	ROUTED TO	R10W5	1483.	13.08	502.	135.	65.	20.76
+	HYDROGRAPH AT	279D	30.	12.17	2.	1.	0.	.02
+	2 COMBINED AT	!10W6	1483.	13.08	504.	135.	65.	21.06
+	DIVERSION TO	1D294	0.	.00	0.	0.	0.	21.06
+	HYDROGRAPH AT	D279D	1481.	13.08	504.	135.	65.	21.06

+	ROUTED TO R10W6	1481.	13.08	504.	135.	65.	21.06
+	HYDROGRAPH AT 279C	129.	12.00	11.	4.	2.	.05
+	2 COMBINED AT !10W7	1484.	13.08	511.	138.	67.	21.28
+	ROUTED TO SR10W7	731.	14.00	508.	138.	67.	21.28
+	DIVERSION TO 2D294	0.	.00	0.	0.	0.	21.28
+	HYDROGRAPH AT D279C	731.	14.00	508.	138.	67.	21.28
+	ROUTED TO R10W7	731.	14.00	508.	138.	67.	21.28
+	HYDROGRAPH AT 279B	81.	12.00	8.	3.	1.	.03
+	2 COMBINED AT !10W8	734.	14.00	513.	141.	68.	21.56
+	DIVERSION TO 1D294A	0.	.00	0.	0.	0.	21.56
+	HYDROGRAPH AT D279B	734.	14.00	513.	141.	68.	21.56
+	ROUTED TO R10W8	734.	14.00	513.	141.	68.	21.56
+	HYDROGRAPH AT 279A	177.	12.00	16.	5.	2.	.07
+	DIVERSION TO 279ART	177.	12.00	16.	5.	2.	.07
+	HYDROGRAPH AT 279AOT	0.	.00	0.	0.	0.	.07
+	2 COMBINED AT !10W9	734.	14.00	513.	141.	68.	22.26
+	DIVERSION TO 2D294A	0.	.00	0.	0.	0.	22.26
+	HYDROGRAPH AT D279A	733.	14.00	512.	140.	68.	22.26
+	ROUTED TO R10W9	733.	14.00	512.	140.	68.	22.26
+	HYDROGRAPH AT 279	71.	12.25	6.	2.	1.	.05
+	2 COMBINED AT !10W10	732.	14.00	517.	142.	68.	22.76
+	HYDROGRAPH AT 2D262	569.	13.83	204.	52.	25.	18.57
+	ROUTED TO R262	554.	14.17	203.	52.	25.	18.57
+	HYDROGRAPH AT 263	291.	13.08	63.	16.	8.	.50
+	2 COMBINED AT CP263	611.	14.00	260.	67.	32.	19.07
+	DIVERSION TO 2D278	432.	14.00	184.	47.	23.	19.07
+	HYDROGRAPH AT D263	178.	14.00	76.	19.	9.	19.07

	ROUTED TO							
+		R263	175.	14.33	76.	19.	9.	19.07
	HYDROGRAPH AT							
+		D249	46.	13.25	13.	3.	2.	28.84
	ROUTED TO							
+		R249	40.	14.58	13.	3.	2.	28.84
	HYDROGRAPH AT							
+		264	318.	13.00	66.	16.	8.	.50
	2 COMBINED AT							
+		1I264	290.	13.00	72.	18.	9.	29.34
	2 COMBINED AT							
+		CP264	332.	13.08	144.	37.	18.	30.87
	ROUTED TO							
+		R264	301.	14.17	137.	37.	18.	30.87
	HYDROGRAPH AT							
+		1D262	422.	13.83	150.	38.	18.	18.57
	ROUTED TO							
+		R262	281.	16.08	149.	38.	18.	18.57
	HYDROGRAPH AT							
+		D263	432.	14.00	184.	47.	23.	19.07
	ROUTED TO							
+		R263	405.	15.33	173.	47.	23.	19.07
	2 COMBINED AT							
+		1I278	622.	15.92	322.	85.	41.	19.07
	2 COMBINED AT							
+		2I278	753.	15.83	439.	118.	57.	30.87
	HYDROGRAPH AT							
+		278	452.	13.33	115.	29.	14.	1.00
	HYDROGRAPH AT							
+		DCP265	612.	13.67	300.	189.	113.	33.58
	ROUTED TO							
+		RLP10	610.	13.75	300.	188.	112.	33.58
	2 COMBINED AT							
+		!LP11	979.	13.33	390.	212.	124.	35.83
	ROUTED TO							
+		RLP11	978.	13.33	390.	212.	124.	35.83
	2 COMBINED AT							
+		!LP12	1037.	14.00	787.	328.	180.	36.00
	2 COMBINED AT							
+		ILP12	1746.	14.00	1257.	458.	244.	38.55
	ROUTED TO							
+		SRLP12	525.	18.50	446.	276.	156.	38.55
	DIVERSION TO							
+		3D294A	525.	18.50	446.	276.	156.	38.55
	HYDROGRAPH AT							
+		D279	0.	.00	0.	0.	0.	38.55
	ROUTED TO							
+		R279	0.	.00	0.	0.	0.	38.55
	HYDROGRAPH AT							
+		280	267.	13.33	68.	17.	8.	.61
	HYDROGRAPH AT							
+		D281	33.	14.42	9.	3.	1.	28.12
	ROUTED TO							
+		R281	32.	14.50	9.	3.	1.	28.12

	2 COMBINED AT							
+		1I280	267.	13.33	78.	20.	10.	36.47
	2 COMBINED AT							
+		CP280	231.	13.33	66.	17.	8.	43.77
	ROUTED TO							
+		SR280	150.	13.83	66.	17.	8.	43.77
	ROUTED TO							
+		R280	142.	15.08	66.	17.	8.	43.77
	HYDROGRAPH AT							
+		280A	50.	12.75	8.	2.	1.	.06
	2 COMBINED AT							
+		CP280A	142.	15.08	70.	19.	9.	43.83
	ROUTED TO							
+		SR280A	105.	16.42	30.	8.	4.	43.83
	ROUTED TO							
+		R280A	97.	17.00	30.	8.	4.	43.83
	HYDROGRAPH AT							
+		296	388.	12.58	64.	19.	9.	.38
	2 COMBINED AT							
+		CP296	343.	12.58	72.	24.	12.	44.21
	DIVERSION TO							
+		296OUT	343.	12.58	67.	19.	9.	44.21
	HYDROGRAPH AT							
+		296RET	83.	17.50	21.	6.	3.	44.21
	ROUTED TO							
+		R296	33.	20.83	19.	6.	3.	44.21
	HYDROGRAPH AT							
+		312	413.	13.17	110.	33.	16.	.66
	DIVERSION TO							
+		312R	413.	13.17	92.	25.	12.	.66
	HYDROGRAPH AT							
+		312T	163.	14.00	28.	8.	4.	.66
	3 COMBINED AT							
+		CP312	233.	17.33	134.	47.	23.	47.40
	ROUTED TO							
+		R312	211.	19.17	127.	45.	22.	47.40
	HYDROGRAPH AT							
+		331	473.	13.08	110.	29.	14.	.75
	DIVERSION TO							
+		331R	268.	12.58	27.	7.	4.	.75
	HYDROGRAPH AT							
+		331T	473.	13.08	85.	22.	11.	.75
	2 COMBINED AT							
+		1I331	416.	13.08	129.	63.	30.	48.15
	HYDROGRAPH AT							
+		295A	106.	12.08	7.	2.	1.	.06
	ROUTED TO							
+		R295A	50.	13.17	7.	2.	1.	.06
	HYDROGRAPH AT							
+		311A	248.	12.92	49.	12.	6.	.31
	2 COMBINED AT							
+		CP311A	267.	12.92	56.	14.	7.	.37
	ROUTED TO							
+		R311A	233.	13.75	56.	14.	7.	.37

+	2 COMBINED AT CP331	427.	13.08	133.	75.	36.	48.52
+	HYDROGRAPH AT D279	525.	18.50	446.	276.	156.	38.55
+	ROUTED TO RLP12	525.	18.58	446.	276.	156.	38.55
+	DIVERSION TO DILP13	525.	18.58	446.	276.	156.	38.55
+	HYDROGRAPH AT 2DLP12	0.	.00	0.	0.	0.	38.55
+	HYDROGRAPH AT 294A	338.	12.25	30.	8.	4.	.26
+	2 COMBINED AT 1I294A	297.	12.25	26.	7.	3.	36.40
+	HYDROGRAPH AT D279B	0.	.00	0.	0.	0.	21.56
+	ROUTED TO R279B	0.	.00	0.	0.	0.	21.56
+	2 COMBINED AT 2I294A	297.	12.25	26.	7.	3.	36.40
+	HYDROGRAPH AT D279A	0.	.00	0.	0.	0.	22.26
+	ROUTED TO R279A	0.	.00	0.	0.	0.	22.26
+	2 COMBINED AT R279A	297.	12.25	26.	7.	3.	36.40
+	ROUTED TO SR294A	295.	12.33	18.	5.	2.	36.40
+	ROUTED TO R294A	152.	12.58	18.	5.	2.	36.40
+	HYDROGRAPH AT 295	486.	12.25	53.	15.	7.	.31
+	DIVERSION TO 295RET	187.	11.92	10.	3.	1.	.31
+	HYDROGRAPH AT 295OUT	486.	12.25	46.	12.	6.	.31
+	HYDROGRAPH AT 2DLP12	525.	18.58	446.	276.	156.	38.55
+	3 COMBINED AT !LP13	523.	18.58	445.	276.	162.	39.62
+	ROUTED TO RLP13	523.	18.67	445.	276.	162.	39.62
+	HYDROGRAPH AT 311	398.	13.33	108.	29.	14.	.73
+	DIVERSION TO 311R	335.	13.08	46.	12.	6.	.73
+	HYDROGRAPH AT 311T	398.	13.33	67.	17.	8.	.73
+	2 COMBINED AT !LP14	524.	18.67	446.	282.	168.	40.35
+	ROUTED TO SRLP14	397.	21.42	371.	253.	142.	40.35
+	ROUTED TO RLP14	396.	21.50	371.	253.	141.	40.35

	HYDROGRAPH AT							
+		330	503.	12.67	89.	25.	12.	.59
	DIVERSION TO							
+		330R	503.	12.67	58.	15.	7.	.59
	HYDROGRAPH AT							
+		330T	357.	12.92	36.	10.	5.	.59
	2 COMBINED AT							
+		1I330	406.	21.42	378.	256.	146.	38.03
	2 COMBINED AT							
+		!LP15	658.	13.08	483.	299.	178.	45.87
	ROUTED TO							
+		RLP15	635.	13.17	483.	298.	178.	45.87
	HYDROGRAPH AT							
+		346A	102.	13.00	21.	5.	3.	.16
	2 COMBINED AT							
+		!LP16	719.	13.08	483.	301.	180.	46.03
	ROUTED TO							
+		SRLP16	336.	26.75	325.	243.	130.	46.03
	DIVERSION TO							
+		2D378	336.	26.75	325.	243.	130.	46.03
	HYDROGRAPH AT							
+		2DLP16	0.	.00	0.	0.	0.	46.03
	DIVERSION TO							
+		DI346C	0.	.00	0.	0.	0.	46.03
	HYDROGRAPH AT							
+		D346A	0.	.00	0.	0.	0.	46.03
	ROUTED TO							
+		R346A	0.	.00	0.	0.	0.	46.03
	HYDROGRAPH AT							
+		D285B	0.	.00	0.	0.	0.	36.31
	ROUTED TO							
+		R285B	0.	.00	0.	0.	0.	36.31
	HYDROGRAPH AT							
+		297	211.	13.17	51.	14.	7.	.38
	DIVERSION TO							
+		297R	172.	12.92	20.	5.	3.	.38
	HYDROGRAPH AT							
+		297T	211.	13.17	33.	9.	4.	.38
	2 COMBINED AT							
+		CP297	187.	13.17	27.	7.	3.	36.74
	ROUTED TO							
+		SR297	0.	.00	0.	0.	0.	36.74
	ROUTED TO							
+		R297	0.	.00	0.	0.	0.	36.74
	HYDROGRAPH AT							
+		313	698.	12.17	78.	24.	11.	.43
	DIVERSION TO							
+		313R	698.	12.17	69.	18.	9.	.43
	HYDROGRAPH AT							
+		313T	102.	12.67	16.	5.	2.	.43
	2 COMBINED AT							
+		CP313	18.	12.67	8.	3.	1.	37.12
	ROUTED TO							
+		R313	11.	15.83	7.	3.	1.	37.12

+	HYDROGRAPH AT	332	319.	13.17	80.	22.	11.	.56
+	DIVERSION TO	332R	238.	12.92	30.	8.	4.	.56
+	HYDROGRAPH AT	332T	319.	13.17	54.	14.	7.	.56
+	2 COMBINED AT	CP332	283.	13.17	51.	14.	7.	37.68
+	ROUTED TO	R332	132.	15.00	49.	14.	7.	37.68
+	HYDROGRAPH AT	347	544.	13.08	118.	30.	14.	1.02
+	2 COMBINED AT	1I347	481.	13.08	145.	41.	20.	38.70
+	2 COMBINED AT	2I347	469.	13.08	140.	39.	19.	52.64
+	HYDROGRAPH AT	D348	0.	.00	0.	0.	0.	.34
+	ROUTED TO	R348	0.	.00	0.	0.	0.	.34
+	2 COMBINED AT	CP347	469.	13.08	140.	39.	19.	52.98
+	ROUTED TO	SR347	451.	13.17	140.	39.	19.	52.98
+	ROUTED TO	R347	378.	13.92	133.	39.	19.	52.98
+	2 COMBINED AT	CP362	808.	13.92	470.	147.	71.	5.70
+	ROUTED TO	SR362	740.	15.08	407.	128.	61.	5.70
+	ROUTED TO	R362	702.	16.83	399.	128.	61.	5.70
+	HYDROGRAPH AT	378	415.	13.42	117.	29.	14.	.78
+	HYDROGRAPH AT	2DLP16	336.	26.75	325.	243.	130.	46.03
+	ROUTED TO	RLP16	336.	27.00	325.	243.	129.	46.03
+	2 COMBINED AT	!LP17	386.	25.92	371.	271.	159.	46.81
+	3 COMBINED AT	AFR11	3513.	14.17	2829.	1351.	708.	151.98
+	HYDROGRAPH AT	225	488.	12.42	74.	22.	11.	.43
+	DIVERSION TO	225R	488.	12.42	50.	14.	6.	.43
+	HYDROGRAPH AT	225T	345.	12.67	30.	8.	4.	.43
+	HYDROGRAPH AT	225A	457.	12.42	59.	17.	8.	.37
+	DIVERSION TO	225AR	394.	12.25	27.	7.	3.	.37
+	HYDROGRAPH AT	225AT	457.	12.42	36.	10.	5.	.37

+	2 COMBINED AT	CP225	594.	12.67	65.	18.	8.	.80
+	ROUTED TO	SR225	30.	13.75	26.	16.	8.	.80
+	ROUTED TO	R225	30.	14.83	26.	15.	8.	.80
+	HYDROGRAPH AT	242	1187.	12.17	117.	35.	17.	.71
+	DIVERSION TO	242R	1187.	12.17	80.	22.	10.	.71
+	HYDROGRAPH AT	242T	734.	12.33	47.	13.	6.	.71
+	2 COMBINED AT	!!C242	727.	12.33	65.	28.	14.	1.94
+	ROUTED TO	R242	454.	12.50	63.	27.	14.	1.94
+	HYDROGRAPH AT	243A	353.	12.08	30.	9.	4.	.18
+	DIVERSION TO	243AR	353.	12.08	28.	7.	4.	.18
+	HYDROGRAPH AT	243AT	18.	12.42	5.	2.	1.	.18
+	2 COMBINED AT	!!243A	460.	12.50	67.	29.	15.	1.81
+	ROUTED TO	R243A	330.	12.67	65.	29.	15.	1.81
+	HYDROGRAPH AT	227	333.	12.25	32.	8.	4.	.23
+	DIVERSION TO	227R	193.	12.00	9.	2.	1.	.23
+	HYDROGRAPH AT	227T	333.	12.25	24.	6.	3.	.23
+	ROUTED TO	R227	227.	12.67	24.	6.	3.	.23
+	HYDROGRAPH AT	228	326.	12.33	32.	8.	4.	.28
+	ROUTED TO	R228	288.	12.58	32.	8.	4.	.28
+	HYDROGRAPH AT	229	750.	12.17	73.	21.	10.	.51
+	3 COMBINED AT	CP229	789.	12.25	127.	34.	17.	1.02
+	DIVERSION TO	1D230	171.	12.25	28.	7.	4.	1.02
+	HYDROGRAPH AT	1D229	617.	12.25	99.	27.	13.	1.02
+	DIVERSION TO	DI231	157.	12.25	25.	7.	3.	1.02
+	HYDROGRAPH AT	2D229	461.	12.25	74.	20.	10.	1.02
+	ROUTED TO	R229	423.	12.50	74.	20.	10.	1.02
+	HYDROGRAPH AT	230A	291.	12.17	22.	6.	3.	.18

+	2 COMBINED AT	CP230A	539.	12.25	95.	26.	12.	1.20
+	DIVERSION TO	2D230	472.	12.25	81.	21.	10.	1.20
+	HYDROGRAPH AT	D230A	67.	12.25	14.	4.	2.	1.20
+	ROUTED TO	R230A	61.	12.75	14.	4.	2.	1.20
+	HYDROGRAPH AT	244A	227.	12.08	16.	4.	2.	.11
+	DIVERSION TO	244AR	222.	12.00	11.	3.	1.	.11
+	HYDROGRAPH AT	244AT	156.	12.17	5.	1.	1.	.11
+	2 COMBINED AT	CP244A	154.	12.17	19.	5.	3.	1.51
+	ROUTED TO	R244A	55.	13.33	19.	5.	3.	1.51
+	HYDROGRAPH AT	244	135.	13.00	34.	10.	5.	.19
+	DIVERSION TO	244R	135.	13.00	29.	8.	4.	.19
+	HYDROGRAPH AT	244T	44.	13.83	9.	3.	1.	.19
+	2 COMBINED AT	1I244	88.	13.83	27.	8.	4.	1.50
+	HYDROGRAPH AT	1D229	171.	12.25	28.	7.	4.	1.02
+	ROUTED TO	R229	158.	12.42	28.	7.	4.	1.02
+	HYDROGRAPH AT	230	55.	12.33	7.	2.	1.	.04
+	2 COMBINED AT	1I230	208.	12.33	34.	9.	4.	1.06
+	HYDROGRAPH AT	D230A	472.	12.25	81.	21.	10.	1.20
+	ROUTED TO	R230A	457.	12.33	81.	21.	10.	1.20
+	2 COMBINED AT	CP230	665.	12.33	115.	31.	15.	1.24
+	ROUTED TO	R230	624.	12.50	115.	31.	15.	1.24
+	2 COMBINED AT	CP244	647.	12.50	140.	38.	19.	1.54
+	DIVERSION TO	DI245	585.	12.50	107.	27.	13.	1.54
+	HYDROGRAPH AT	D244	62.	12.50	33.	12.	6.	1.54
+	ROUTED TO	R244	61.	12.92	33.	12.	6.	1.54
+	HYDROGRAPH AT	244B	62.	12.50	11.	3.	2.	.06
+	DIVERSION TO	244BR	62.	12.50	9.	3.	1.	.06

	HYDROGRAPH AT							
+		244BT	15.	13.00	3.	1.	0.	.06
	3 COMBINED AT							
+		!!244B	387.	12.67	100.	40.	21.	1.60
	ROUTED TO							
+		R244B	377.	12.75	100.	40.	21.	1.60
	HYDROGRAPH AT							
+		2D229	157.	12.25	25.	7.	3.	1.02
	ROUTED TO							
+		R229	123.	12.92	25.	7.	3.	1.02
	HYDROGRAPH AT							
+		231	303.	12.42	33.	8.	4.	.35
	2 COMBINED AT							
+		CP231	318.	12.50	58.	15.	7.	1.37
	ROUTED TO							
+		R231	223.	13.75	57.	15.	7.	1.37
	HYDROGRAPH AT							
+		D244	585.	12.50	107.	27.	13.	1.54
	ROUTED TO							
+		R244	472.	13.50	107.	27.	13.	1.54
	2 COMBINED AT							
+		1I245	637.	13.67	162.	42.	20.	1.80
	HYDROGRAPH AT							
+		245	168.	12.83	34.	10.	5.	.24
	DIVERSION TO							
+		245RET	142.	12.67	15.	4.	2.	.24
	HYDROGRAPH AT							
+		245OUT	168.	12.83	21.	6.	3.	.24
	3 COMBINED AT							
+		!!C245	772.	13.67	278.	86.	43.	4.16
	2 COMBINED AT							
+		AFR121	3927.	14.17	2976.	1405.	736.	156.14
	HYDROGRAPH AT							
+		!!242A	229.	12.00	16.	5.	2.	.10
	DIVERSION TO							
+		242AR	65.	11.83	5.	1.	1.	.10
	HYDROGRAPH AT							
+		242AT	229.	12.00	13.	3.	2.	.10
	ROUTED TO							
+		R242A	115.	12.42	13.	3.	2.	.10
	HYDROGRAPH AT							
+		242B	669.	12.17	65.	19.	9.	.41
	DIVERSION TO							
+		242BR	618.	12.17	40.	11.	5.	.41
	HYDROGRAPH AT							
+		242BT	556.	12.25	31.	8.	4.	.41
	2 COMBINED AT							
+		!!242B	652.	12.25	43.	12.	6.	.40
	ROUTED TO							
+		R242B	527.	12.42	43.	12.	6.	.40
	HYDROGRAPH AT							
+		243B	132.	12.25	16.	5.	2.	.09
	DIVERSION TO							
+		243BR	132.	12.25	11.	3.	1.	.09

+	HYDROGRAPH AT	243BT	78.	12.42	6.	2.	1.	.09
+	2 COMBINED AT	CP243B	601.	12.42	49.	14.	7.	.54
+	ROUTED TO	R243B	395.	12.67	48.	14.	7.	.54
+	HYDROGRAPH AT	243	318.	12.08	25.	7.	3.	.15
+	DIVERSION TO	243R	303.	12.00	14.	4.	2.	.15
+	HYDROGRAPH AT	243T	269.	12.08	12.	3.	2.	.15
+	2 COMBINED AT	!!C243	404.	12.67	60.	17.	8.	.54
+	ROUTED TO	R243	350.	12.83	59.	17.	8.	.54
+	HYDROGRAPH AT	245A	132.	12.17	9.	2.	1.	.09
+	2 COMBINED AT	!!245A	349.	12.83	67.	19.	9.	1.46
+	ROUTED TO	RR245A	264.	13.25	66.	19.	9.	1.46
+	HYDROGRAPH AT	258	375.	12.42	45.	12.	6.	.38
+	DIVERSION TO	258R	183.	12.08	9.	2.	1.	.38
+	HYDROGRAPH AT	258T	375.	12.42	37.	10.	5.	.38
+	ROUTED TO	SR258	0.	.00	0.	0.	0.	.38
+	3 COMBINED AT	AFR122	4289.	14.08	3240.	1565.	823.	74.98
+	2 COMBINED AT	RCP258	4289.	14.08	3240.	1565.	823.	74.98
+	HYDROGRAPH AT	258A	165.	12.25	19.	6.	3.	.12
+	DIVERSION TO	258AR	165.	12.25	12.	3.	2.	.12
+	HYDROGRAPH AT	258AT	123.	12.42	8.	2.	1.	.12
+	DIVERSION TO	DI272	102.	12.42	7.	2.	1.	.12
+	HYDROGRAPH AT	1D258A	21.	12.42	1.	0.	0.	.12
+	DIVERSION TO	DI259	14.	12.42	0.	0.	0.	.12
+	HYDROGRAPH AT	2D258A	7.	12.42	0.	0.	0.	.12
+	ROUTED TO	R258A	3.	12.92	0.	0.	0.	.12
+	HYDROGRAPH AT	271C	242.	12.58	40.	12.	6.	.18
+	DIVERSION TO	271CR	242.	12.58	28.	7.	4.	.18

+	HYDROGRAPH AT	271CT	152.	12.83	15.	4.	2.	.18
+	2 COMBINED AT	CP271C	152.	12.83	14.	4.	2.	.79
+	ROUTED TO	SR271C	0.	.00	0.	0.	0.	.79
+	ROUTED TO	R271C	0.	.00	0.	0.	0.	.79
+	HYDROGRAPH AT	D258A	14.	12.42	0.	0.	0.	.12
+	ROUTED TO	R258A	4.	12.83	0.	0.	0.	.12
+	HYDROGRAPH AT	259	263.	12.17	21.	5.	3.	.20
+	2 COMBINED AT	CP259	262.	12.17	21.	5.	3.	.32
+	ROUTED TO	SR259	0.	.00	0.	0.	0.	.32
+	ROUTED TO	R259	0.	.00	0.	0.	0.	.32
+	HYDROGRAPH AT	D258A	102.	12.42	7.	2.	1.	.12
+	ROUTED TO	R258A	65.	12.67	7.	2.	1.	.12
+	2 COMBINED AT	1I272	62.	12.67	7.	2.	1.	.32
+	HYDROGRAPH AT	272	267.	12.25	22.	6.	3.	.20
+	2 COMBINED AT	2I272	264.	12.25	29.	8.	4.	.52
+	2 COMBINED AT	CP272	262.	12.25	29.	8.	4.	1.19
+	ROUTED TO	SR272	0.	.00	0.	0.	0.	1.19
+	HYDROGRAPH AT	290	516.	12.67	90.	26.	12.	.55
+	DIVERSION TO	290R	463.	12.50	44.	12.	6.	.55
+	HYDROGRAPH AT	290T	516.	12.67	52.	14.	7.	.55
+	ROUTED TO	SR290	257.	13.08	52.	14.	7.	.55
+	DIVERSION TO	DI291	125.	13.08	8.	2.	1.	.55
+	HYDROGRAPH AT	D290	132.	13.08	43.	12.	6.	.55
+	3 COMBINED AT	AFR132	4401.	14.08	3263.	1574.	827.	75.39
+	HYDROGRAPH AT	D290	125.	13.08	8.	2.	1.	.55
+	ROUTED TO	R290	28.	17.92	8.	2.	1.	.55
+	HYDROGRAPH AT	291	1555.	12.17	148.	43.	21.	.99

+	DIVERSION TO	291R	1555.	12.17	138.	36.	17.	.99
+	HYDROGRAPH AT	291T	96.	12.50	21.	7.	3.	.99
+	2 COMBINED AT	CP291	87.	12.75	26.	9.	4.	1.54
+	ROUTED TO	SR291	53.	12.92	26.	9.	4.	1.54
+	ROUTED TO	R291	42.	14.17	25.	9.	4.	1.54
+	HYDROGRAPH AT	287E	375.	12.17	47.	16.	8.	.20
+	DIVERSION TO	287ER	375.	12.17	42.	12.	6.	.20
+	HYDROGRAPH AT	287ET	41.	12.50	13.	4.	2.	.20
+	2 COMBINED AT	I287E	55.	14.17	33.	13.	6.	1.74
+	HYDROGRAPH AT	288A	63.	12.50	13.	4.	2.	.07
+	DIVERSION TO	288AR	63.	12.50	13.	4.	2.	.07
+	HYDROGRAPH AT	288AT	0.	.00	0.	0.	0.	.07
+	ROUTED TO	R288A	0.	.00	0.	0.	0.	.07
+	HYDROGRAPH AT	287A	270.	12.58	61.	18.	9.	.34
+	HYDROGRAPH AT	D287	478.	13.42	245.	82.	39.	44.64
+	ROUTED TO	RADOT	457.	13.67	243.	82.	39.	44.64
+	3 COMBINED AT	CP287A	511.	13.58	268.	95.	47.	46.77
+	ROUTED TO	SR287A	55.	14.17	55.	55.	39.	46.77
+	ROUTED TO	R287A	55.	15.08	55.	55.	39.	46.77
+	HYDROGRAPH AT	254	434.	12.17	34.	9.	4.	.28
+	DIVERSION TO	254RET	434.	12.17	34.	9.	4.	.28
+	HYDROGRAPH AT	254OUT	0.	.00	0.	0.	0.	.28
+	ROUTED TO	R254	0.	.00	0.	0.	0.	.28
+	HYDROGRAPH AT	254B	246.	12.08	15.	4.	2.	.13
+	2 COMBINED AT	CP254B	244.	12.08	15.	4.	2.	.43
+	ROUTED TO	R254B	206.	12.25	15.	4.	2.	.43
+	HYDROGRAPH AT	269	420.	12.17	44.	14.	7.	.23

+	DIVERSION TO	269R	420.	12.17	41.	11.	5.	.23
+	HYDROGRAPH AT	269T	23.	12.58	7.	2.	1.	.23
+	2 COMBINED AT	CP269	206.	12.25	22.	6.	3.	.69
+	ROUTED TO	R269	185.	12.33	21.	6.	3.	.69
+	HYDROGRAPH AT	269B	394.	12.17	40.	12.	6.	.27
+	DIVERSION TO	269BR	394.	12.17	28.	8.	4.	.27
+	HYDROGRAPH AT	269BT	246.	12.33	15.	4.	2.	.27
+	ROUTED TO	R269B	127.	12.58	15.	4.	2.	.27
+	HYDROGRAPH AT	268	523.	12.08	47.	15.	7.	.24
+	DIVERSION TO	268R	523.	12.08	47.	14.	7.	.24
+	HYDROGRAPH AT	268T	2.	19.42	1.	0.	0.	.24
+	3 COMBINED AT	CP268	254.	12.50	35.	10.	5.	1.24
+	DIVERSION TO	D288B	0.	.00	0.	0.	0.	1.24
+	HYDROGRAPH AT	DI2881	254.	12.50	35.	10.	5.	1.24
+	ROUTED TO	R268	245.	12.58	35.	10.	5.	1.24
+	HYDROGRAPH AT	288B	945.	12.58	159.	47.	23.	.93
+	DIVERSION TO	288BR	945.	12.58	156.	43.	21.	.93
+	HYDROGRAPH AT	288BT	22.	13.58	11.	4.	2.	.93
+	2 COMBINED AT	CP288B	245.	12.58	43.	15.	7.	2.34
+	DIVERSION TO	D288B	0.	.00	0.	0.	0.	2.34
+	HYDROGRAPH AT	DI2882	240.	12.58	41.	14.	7.	2.34
+	ROUTED TO	R288B	228.	12.67	41.	14.	7.	2.34
+	HYDROGRAPH AT	287B	162.	12.17	24.	8.	4.	.10
+	3 COMBINED AT	CP287B	280.	12.58	100.	71.	51.	2.84
+	ROUTED TO	SR287B	73.	20.42	71.	61.	43.	2.84
+	ROUTED TO	R287B	73.	21.25	71.	61.	42.	2.84
+	HYDROGRAPH AT	2711	226.	12.00	17.	5.	2.	.11

+	HYDROGRAPH AT	254A	336.	12.08	31.	9.	4.	.20
+	DIVERSION TO	254AR	336.	12.08	24.	6.	3.	.20
+	HYDROGRAPH AT	254AT	137.	12.33	10.	3.	1.	.20
+	ROUTED TO	R254A	56.	12.58	9.	3.	1.	.20
+	2 COMBINED AT	CP2711	226.	12.00	26.	8.	4.	.33
+	ROUTED TO	R2711	227.	12.08	25.	8.	4.	.33
+	HYDROGRAPH AT	257	203.	13.42	65.	20.	10.	.34
+	DIVERSION TO	257R	203.	13.42	51.	14.	7.	.34
+	HYDROGRAPH AT	257T	101.	14.25	20.	6.	3.	.34
+	DIVERSION TO	DI271A	33.	14.25	2.	1.	0.	.34
+	HYDROGRAPH AT	D257	68.	14.25	18.	5.	3.	.34
+	ROUTED TO	R257	44.	15.67	17.	5.	3.	.34
+	HYDROGRAPH AT	256	282.	12.83	78.	24.	11.	.43
+	DIVERSION TO	256R	282.	12.83	60.	16.	8.	.43
+	HYDROGRAPH AT	256T	130.	13.58	26.	8.	4.	.43
+	2 COMBINED AT	CP256	129.	13.58	40.	13.	6.	.77
+	HYDROGRAPH AT	SUB6	183.	12.17	19.	5.	3.	.10
+	HYDROGRAPH AT	SUB7	413.	12.17	35.	9.	4.	.24
+	DIVERSION TO	DI255A	206.	12.17	18.	5.	2.	.24
+	HYDROGRAPH AT	D7	206.	12.17	18.	5.	2.	.24
+	3 COMBINED AT	I2712	384.	12.17	69.	22.	11.	1.11
+	ROUTED TO	R256	330.	12.33	69.	22.	11.	1.11
+	HYDROGRAPH AT	271A	241.	12.58	39.	12.	6.	.24
+	DIVERSION TO	271AR	241.	12.58	28.	7.	4.	.24
+	HYDROGRAPH AT	271AT	152.	12.83	15.	4.	2.	.24
+	HYDROGRAPH AT	D257	33.	14.25	2.	1.	0.	.34
+	ROUTED TO	R257	12.	14.83	2.	1.	0.	.34

+	2 COMBINED AT	CP271A	151.	12.83	16.	5.	2.	.48
+	2 COMBINED AT	1I271A	330.	12.33	84.	27.	13.	1.59
+	ROUTED TO	R271A	276.	12.58	82.	27.	13.	1.59
+	HYDROGRAPH AT	255A	916.	12.25	92.	25.	12.	.60
+	HYDROGRAPH AT	D7	206.	12.17	18.	5.	2.	.24
+	2 COMBINED AT	CP255A	1107.	12.17	109.	29.	14.	.84
+	ROUTED TO	R255	1087.	12.25	109.	29.	14.	.84
+	ROUTED TO	R2712	1067.	12.33	109.	29.	14.	.84
+	HYDROGRAPH AT	2712	737.	12.17	70.	21.	10.	.46
+	3 COMBINED AT	I2712	1693.	12.25	255.	76.	37.	1.11
+	ROUTED TO	SR271	1043.	12.50	254.	76.	37.	1.11
+	ROUTED TO	R271	1039.	12.58	254.	76.	37.	1.11
+	2 COMBINED AT	MERGE	1092.	12.58	278.	83.	40.	1.34
+	ROUTED TO	R271_1	1088.	12.58	278.	83.	40.	1.34
+	HYDROGRAPH AT	270	548.	12.08	54.	17.	8.	.29
+	2 COMBINED AT	!!2712	1216.	12.17	327.	99.	48.	1.77
+	ROUTED TO	R2712	1205.	12.33	327.	99.	48.	1.77
+	HYDROGRAPH AT	289C	429.	12.17	50.	14.	7.	.30
+	DIVERSION TO	289CR	429.	12.17	27.	7.	3.	.30
+	HYDROGRAPH AT	289CT	356.	12.33	26.	7.	3.	.30
+	2 COMBINED AT	CP289C	1548.	12.33	349.	105.	51.	3.11
+	ROUTED TO	R289C	1345.	12.67	348.	105.	51.	3.11
+	HYDROGRAPH AT	289A	326.	12.17	33.	10.	5.	.21
+	DIVERSION TO	289AR	277.	12.08	16.	4.	2.	.21
+	HYDROGRAPH AT	289AT	325.	12.17	20.	5.	3.	.21
+	ROUTED TO	R289A	134.	12.67	19.	5.	3.	.21
+	HYDROGRAPH AT	289B	567.	12.08	54.	16.	8.	.29

+	DIVERSION TO	289BR	567.	12.08	45.	12.	6.	.29
+	HYDROGRAPH AT	289BT	142.	12.42	13.	4.	2.	.29
+	3 COMBINED AT	CP289B	1504.	12.67	377.	113.	55.	3.63
+	ROUTED TO	SR289B	1202.	13.08	377.	113.	55.	3.63
+	ROUTED TO	R289B	1199.	13.08	376.	113.	55.	3.63
+	HYDROGRAPH AT	289D	403.	12.17	45.	14.	6.	.26
+	DIVERSION TO	289DR	403.	12.17	45.	13.	6.	.26
+	HYDROGRAPH AT	289DT	1.	18.17	1.	0.	0.	.26
+	2 COMBINED AT	CP289D	1199.	13.08	376.	113.	55.	3.88
+	ROUTED TO	SR289D	1044.	13.50	375.	113.	55.	3.88
+	ROUTED TO	R289D	1042.	13.58	374.	113.	55.	3.88
+	HYDROGRAPH AT	289	495.	12.17	48.	14.	7.	.27
+	DIVERSION TO	289R	495.	12.17	48.	14.	7.	.27
+	HYDROGRAPH AT	289T	0.	.00	0.	0.	0.	.27
+	2 COMBINED AT	CP289	1042.	13.58	374.	113.	55.	4.31
+	ROUTED TO	SR289	935.	14.00	373.	113.	55.	4.31
+	ROUTED TO	R289	933.	14.08	373.	113.	55.	4.31
+	HYDROGRAPH AT	287C	300.	12.25	55.	18.	9.	.23
+	2 COMBINED AT	1I287C	954.	14.00	414.	130.	63.	4.54
+	2 COMBINED AT	CP287C	977.	14.08	443.	179.	105.	7.36
+	ROUTED TO	SR287C	460.	15.00	351.	169.	97.	7.36
+	ROUTED TO	R287C	459.	15.75	350.	169.	96.	7.36
+	HYDROGRAPH AT	287D	238.	12.67	49.	16.	7.	.23
+	2 COMBINED AT	CP287D	467.	15.75	357.	179.	103.	7.59
+	ROUTED TO	SR287D	68.	33.00	68.	67.	48.	7.59
+	ROUTED TO	R287D	68.	33.25	68.	67.	47.	7.59
+	2 COMBINED AT	1RC302	65.	23.83	63.	62.	45.	85.71

+	DIVERSION TO	DI302	58.	23.83	58.	58.	42.	85.71
+	HYDROGRAPH AT	D287E	7.	23.83	5.	4.	2.	85.71
+	2 COMBINED AT	AFR14	5497.	13.92	4203.	2127.	1127.	1.74
+	HYDROGRAPH AT	D278E	58.	23.83	58.	58.	42.	85.71
+	ROUTED TO	R287E	58.	24.17	58.	58.	42.	85.71
+	HYDROGRAPH AT	302	280.	12.17	40.	14.	7.	.15
+	DIVERSION TO	302R	280.	12.17	29.	8.	4.	.15
+	HYDROGRAPH AT	302T	148.	12.42	18.	5.	3.	.15
+	2 COMBINED AT	CP302	151.	12.42	67.	61.	46.	1.89
+	ROUTED TO	SR302	62.	23.92	60.	59.	42.	1.89
+	DIVERSION TO	DI320	12.	23.92	11.	9.	5.	1.89
+	HYDROGRAPH AT	D302	49.	23.83	49.	49.	36.	1.89
+	2 COMBINED AT	RCP302	5643.	14.00	4204.	2179.	1170.	85.71
+	HYDROGRAPH AT	D302	12.	23.92	11.	9.	5.	1.89
+	ROUTED TO	R302	12.	25.00	10.	9.	5.	1.89
+	HYDROGRAPH AT	320	766.	12.42	108.	32.	15.	.64
+	2 COMBINED AT	CP320	757.	12.42	106.	34.	20.	2.53
+	ROUTED TO	SR320	56.	13.33	51.	32.	20.	2.53
+	DIVERSION TO	DI338A	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT	D320	56.	13.33	51.	32.	20.	2.53
+	2 COMBINED AT	AF152A	5777.	14.00	4311.	2246.	1208.	86.35
+	HYDROGRAPH AT	D320	0.	.00	0.	0.	0.	2.53
+	ROUTED TO	R320	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT	338A	866.	12.42	126.	39.	19.	.77
+	DIVERSION TO	338AR	192.	11.92	26.	8.	4.	.77
+	HYDROGRAPH AT	338AT	866.	12.42	113.	31.	15.	.77
+	2 COMBINED AT	CP338A	855.	12.42	112.	30.	15.	3.30

+	ROUTED TO SR338A	740.	12.50	110.	30.	15.	3.30
+	ROUTED TO R338A	706.	12.67	110.	30.	15.	3.30
+	HYDROGRAPH AT 338	268.	12.58	43.	12.	6.	.31
+	2 COMBINED AT CP338	964.	12.67	150.	41.	20.	3.61
+	2 COMBINED AT AF152B	5929.	13.92	4393.	2307.	1241.	89.96
+	HYDROGRAPH AT D337	375.	14.92	357.	126.	61.	2.34
+	ROUTED TO R337	375.	15.00	357.	126.	61.	2.34
+	HYDROGRAPH AT 367	249.	12.08	17.	4.	2.	.15
+	2 COMBINED AT CP367	428.	16.17	365.	129.	63.	89.88
+	2 COMBINED AT AFR153	6046.	14.00	4559.	2309.	1242.	89.88
+	HYDROGRAPH AT 370	60.	12.33	5.	1.	1.	.07
+	2 COMBINED AT AFR154	6180.	14.00	4660.	2371.	1276.	89.88
+	HYDROGRAPH AT 369	171.	12.25	15.	4.	2.	.15
+	2 COMBINED AT GR151	6339.	13.92	4777.	2444.	1316.	89.88
+	HYDROGRAPH AT 366	249.	13.00	52.	13.	6.	.44
+	ROUTED TO R366	128.	16.08	47.	13.	6.	.44
+	HYDROGRAPH AT 368	367.	13.58	112.	28.	13.	.83
+	2 COMBINED AT CP368	366.	13.58	142.	41.	20.	1.27
+	ROUTED TO SR368	221.	14.25	124.	37.	18.	1.27
+	2 COMBINED AT GR152	6482.	14.00	4852.	2450.	1317.	89.88
+	HYDROGRAPH AT 377A	184.	13.00	39.	10.	5.	.27
+	2 COMBINED AT GR161	6651.	13.92	4964.	2514.	1352.	89.88
+	HYDROGRAPH AT 361	147.	13.17	37.	9.	4.	.21
+	ROUTED TO SR361	0.	.00	0.	0.	0.	.21
+	ROUTED TO R361	0.	.00	0.	0.	0.	.21
+	HYDROGRAPH AT 377	120.	12.42	15.	4.	2.	.09
+	2 COMBINED AT CP377	119.	12.42	15.	4.	2.	.35

+	ROUTED TO	SR377	0.	.00	0.	0.	0.	.35
+	ROUTED TO	R377	0.	.00	0.	0.	0.	.35
+	HYDROGRAPH AT	377B	55.	13.58	17.	4.	2.	.12
+	2 COMBINED AT	CP337B	55.	13.58	16.	4.	2.	.42
+	2 COMBINED AT	GR162	6942.	14.08	4975.	2514.	1353.	156.76
+	HYDROGRAPH AT	387	221.	13.00	56.	14.	7.	.25
+	2 COMBINED AT	GR163	6966.	14.08	4988.	2515.	1353.	157.01
+	HYDROGRAPH AT	386	241.	13.25	66.	17.	8.	.35
+	2 COMBINED AT	GR164	7053.	14.00	5015.	2517.	1353.	157.76
+	HYDROGRAPH AT	383A	129.	13.00	31.	8.	4.	.16
+	2 COMBINED AT	GR165	7074.	14.00	5025.	2517.	1353.	157.52
+	HYDROGRAPH AT	383	161.	12.92	35.	9.	4.	.18
+	DIVERSION TO	DTC9	161.	12.92	35.	9.	4.	.18
+	HYDROGRAPH AT	D383	0.	.00	0.	0.	0.	.18
+	2 COMBINED AT	GR166	7086.	14.00	5032.	2522.	1356.	157.76
+	HYDROGRAPH AT	381B	69.	12.75	13.	3.	2.	.07
+	2 COMBINED AT	GR167	7099.	14.00	5043.	2528.	1359.	157.77
+	HYDROGRAPH AT	381	184.	12.92	40.	10.	5.	.21
+	ROUTED TO	SR381	82.	13.58	18.	5.	2.	.21
+	ROUTED TO	R381	41.	16.75	17.	5.	2.	.21
+	HYDROGRAPH AT	380	199.	12.83	47.	12.	6.	.20
+	2 COMBINED AT	CP380	198.	12.83	52.	16.	8.	.41
+	2 COMBINED AT	RCP380	7117.	14.00	5069.	2536.	1363.	158.18
+	HYDROGRAPH AT	D273	0.	.00	0.	0.	0.	2.83
+	ROUTED TO	R273	0.	.00	0.	0.	0.	2.83
+	HYDROGRAPH AT	292	903.	12.50	116.	31.	15.	.96
+-	2 COMBINED AT	1I292	891.	12.50	115.	30.	15.	3.79

+	HYDROGRAPH AT	D274	0.	.00	0.	0.	0.	18.76
+	ROUTED TO	R274	0.	.00	0.	0.	0.	18.76
+	2 COMBINED AT	CP292	891.	12.50	115.	30.	15.	5.36
+	DIVERSION TO	1D306	445.	12.50	59.	16.	8.	5.36
+	HYDROGRAPH AT	D292	442.	12.50	56.	14.	7.	5.36
+	ROUTED TO	R292	400.	12.67	56.	14.	7.	5.36
+	HYDROGRAPH AT	D275	0.	.00	0.	0.	0.	19.01
+	ROUTED TO	R275	0.	.00	0.	0.	0.	19.01
+	HYDROGRAPH AT	D276	0.	.00	0.	0.	0.	19.26
+	ROUTED TO	R276	0.	.00	0.	0.	0.	19.26
+	2 COMBINED AT	1I293	0.	.00	0.	0.	0.	4.77
+	HYDROGRAPH AT	293	573.	12.67	93.	24.	11.	.77
+	2 COMBINED AT	2I293	561.	12.67	91.	23.	11.	5.54
+	HYDROGRAPH AT	D277	0.	.00	0.	0.	0.	20.76
+	ROUTED TO	R277	0.	.00	0.	0.	0.	20.76
+	2 COMBINED AT	3I293	561.	12.67	91.	23.	11.	25.02
+	2 COMBINED AT	CP293	889.	12.67	136.	34.	17.	25.98
+	ROUTED TO	R293	726.	13.42	135.	34.	17.	25.98
+	HYDROGRAPH AT	293A	380.	12.17	34.	9.	4.	.07
+	2 COMBINED AT	CP293A	727.	13.42	164.	42.	20.	26.05
+	DIVERSION TO	2D306	74.	13.42	16.	4.	2.	26.05
+	HYDROGRAPH AT	D293A	653.	13.42	147.	38.	18.	26.05
+	ROUTED TO	R293A	456.	14.92	136.	38.	18.	26.05
+	HYDROGRAPH AT	D279D	0.	.00	0.	0.	0.	21.06
+	ROUTED TO	R279D	0.	.00	0.	0.	0.	21.06
+	HYDROGRAPH AT	D279C	0.	.00	0.	0.	0.	21.28
+	ROUTED TO	R279C	0.	.00	0.	0.	0.	21.28

	2 COMBINED AT							
+		1I294	0.	.00	0.	0.	0.	24.32
	HYDROGRAPH AT							
+		294	237.	12.25	19.	5.	2.	.18
	2 COMBINED AT							
+		CP294	213.	12.25	17.	4.	2.	24.50
	ROUTED TO							
+		SR294	0.	.00	0.	0.	0.	24.50
	ROUTED TO							
+		R294	0.	.00	0.	0.	0.	24.50
	HYDROGRAPH AT							
+		309	584.	13.17	142.	38.	18.	1.07
	2 COMBINED AT							
+		1I309	538.	13.17	131.	35.	17.	25.57
	2 COMBINED AT							
+		CP309	536.	13.17	251.	72.	35.	27.37
	ROUTED TO							
+		R309	418.	14.42	239.	72.	35.	27.37
	HYDROGRAPH AT							
+		328	513.	12.92	103.	26.	12.	.76
	2 COMBINED AT							
+		CP328	475.	12.92	298.	95.	46.	28.13
	ROUTED TO							
+		R328	359.	15.58	287.	95.	46.	28.13
	HYDROGRAPH AT							
+		344	325.	13.33	83.	21.	10.	.61
	2 COMBINED AT							
+		CP344	479.	13.92	334.	114.	55.	28.74
	HYDROGRAPH AT							
+		D292	445.	12.50	59.	16.	8.	5.36
	ROUTED TO							
+		R292	371.	12.75	59.	16.	8.	5.36
	HYDROGRAPH AT							
+		D293A	74.	13.42	16.	4.	2.	26.05
	ROUTED TO							
+		R293A	67.	13.75	16.	4.	2.	26.05
	2 COMBINED AT							
+		1I306	371.	12.75	73.	20.	10.	26.05
	HYDROGRAPH AT							
+		306	331.	12.92	63.	16.	8.	.49
	2 COMBINED AT							
+		CP306	641.	12.83	128.	34.	16.	26.54
	ROUTED TO							
+		SR306	635.	12.92	124.	32.	15.	26.54
	ROUTED TO							
+		R306	592.	13.17	124.	32.	15.	26.54
	HYDROGRAPH AT							
+		308	260.	12.75	44.	11.	5.	.32
	2 COMBINED AT							
+		CP308	723.	13.17	164.	42.	20.	26.86
	ROUTED TO							
+		R308	666.	13.42	163.	42.	20.	26.86
	HYDROGRAPH AT							
+		327	358.	13.00	73.	18.	9.	.53

+	2 COMBINED AT CP327	864.	13.42	229.	59.	28.	27.39
+	ROUTED TO R327	796.	13.75	228.	59.	28.	27.39
+	HYDROGRAPH AT 343	297.	13.17	68.	17.	8.	.51
+	2 COMBINED AT 1IC343	950.	13.67	289.	74.	36.	27.90
+	2 COMBINED AT CP343	1394.	13.75	607.	187.	90.	30.59
+	ROUTED TO R343	1368.	13.92	603.	187.	90.	30.59
+	HYDROGRAPH AT 356	333.	12.58	49.	12.	6.	.35
+	2 COMBINED AT CP356	1374.	13.92	626.	198.	96.	30.94
+	ROUTED TO SR356	1351.	14.08	573.	197.	96.	30.94
+	ROUTED TO R356	1280.	14.50	555.	196.	96.	30.94
+	HYDROGRAPH AT 355	90.	12.92	21.	5.	2.	.10
+	2 COMBINED AT 1I355	1286.	14.50	557.	199.	98.	31.04
+	HYDROGRAPH AT 307	208.	12.58	29.	7.	3.	.21
+	ROUTED TO R307	167.	13.17	29.	7.	3.	.21
+	HYDROGRAPH AT 326	333.	13.00	69.	17.	8.	.54
+	2 COMBINED AT CP326	478.	13.08	98.	24.	12.	.75
+	ROUTED TO R326	418.	13.67	98.	24.	12.	.75
+	HYDROGRAPH AT 342A	224.	13.17	52.	13.	6.	.38
+	2 COMBINED AT CP342A	554.	13.58	148.	37.	18.	1.13
+	ROUTED TO R342A	530.	13.92	147.	37.	18.	1.13
+	HYDROGRAPH AT 354	297.	12.58	42.	11.	5.	.31
+	2 COMBINED AT CP354	535.	13.92	186.	48.	23.	1.44
+	ROUTED TO SR354	463.	14.25	186.	48.	23.	1.44
+	ROUTED TO R354	431.	14.92	180.	48.	23.	1.44
+	2 COMBINED AT 2I355	1521.	14.58	714.	241.	118.	32.48
+	HYDROGRAPH AT 310	162.	12.58	24.	6.	3.	.19
+	ROUTED TO R310	146.	12.92	24.	6.	3.	.19

+	HYDROGRAPH AT	329	455.	12.83	81.	21.	10.	.63
+	2 COMBINED AT	CP329	597.	12.83	105.	27.	13.	.82
+	ROUTED TO	R329	449.	13.33	104.	27.	13.	.82
+	HYDROGRAPH AT	345	273.	13.00	57.	14.	7.	.43
+	2 COMBINED AT	CP345	667.	13.17	161.	41.	20.	1.25
+	ROUTED TO	R345	641.	13.50	161.	41.	20.	1.25
+	HYDROGRAPH AT	357	118.	12.67	18.	5.	2.	.14
+	2 COMBINED AT	CP357	658.	13.42	178.	45.	22.	1.39
+	HYDROGRAPH AT	346	404.	12.75	68.	17.	8.	.51
+	ROUTED TO	R346	370.	13.08	68.	17.	8.	.51
+	HYDROGRAPH AT	359	101.	12.58	14.	3.	2.	.10
+	2 COMBINED AT	1I359	405.	13.00	82.	21.	10.	.61
+	2 COMBINED AT	2I359	924.	13.33	258.	65.	31.	2.00
+	HYDROGRAPH AT	D346A	0.	.00	0.	0.	0.	46.03
+	ROUTED TO	R346A	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT	346C	130.	12.50	20.	6.	3.	.12
+	DIVERSION TO	346CR	130.	12.50	14.	4.	2.	.12
+	HYDROGRAPH AT	346CT	79.	12.75	8.	2.	1.	.12
+	2 COMBINED AT	CP346C	56.	12.83	5.	2.	1.	38.31
+	ROUTED TO	SR346C	0.	.00	0.	0.	0.	38.31
+	HYDROGRAPH AT	346B	143.	13.25	37.	10.	5.	.27
+	DIVERSION TO	346BR	81.	12.75	9.	2.	1.	.27
+	HYDROGRAPH AT	346BT	143.	13.25	29.	7.	4.	.27
+	2 COMBINED AT	CP346B	127.	13.25	25.	6.	3.	38.58
+	ROUTED TO	SR346B	118.	13.33	23.	6.	3.	38.58
+	DIVERSION TO	DI360	20.	13.33	2.	1.	0.	38.58
+	HYDROGRAPH AT	D346B	99.	13.33	20.	5.	3.	38.58

	ROUTED TO							
+		R346B	79.	14.00	20.	5.	3.	38.58
	2 COMBINED AT							
+		CP359	924.	13.42	277.	70.	34.	40.58
	ROUTED TO							
+		SR359	175.	15.00	150.	64.	31.	40.58
	ROUTED TO							
+		R359	174.	15.83	150.	64.	31.	40.58
	HYDROGRAPH AT							
+		360	176.	13.00	39.	10.	5.	.25
	2 COMBINED AT							
+		1I360	174.	15.50	157.	72.	35.	40.83
	HYDROGRAPH AT							
+		D346B	20.	13.33	2.	1.	0.	38.58
	ROUTED TO							
+		R346B	6.	16.75	2.	1.	0.	38.58
	2 COMBINED AT							
+		CP360	177.	16.00	160.	73.	35.	40.83
	ROUTED TO							
+		SR360	176.	16.42	153.	63.	30.	40.83
	ROUTED TO							
+		R360	172.	19.17	144.	63.	30.	40.83
	HYDROGRAPH AT							
+		358	122.	13.17	30.	8.	4.	.19
	2 COMBINED AT							
+		CP358	172.	19.17	144.	69.	33.	41.02
	ROUTED TO							
+		SR358	124.	22.75	111.	43.	21.	41.02
	ROUTED TO							
+		R358	124.	23.08	110.	43.	21.	41.02
	2 COMBINED AT							
+		CP355	1521.	14.58	714.	284.	139.	48.68
	ROUTED TO							
+		SR355	1019.	15.42	557.	235.	113.	48.68
	ROUTED TO							
+		R355	977.	16.25	543.	234.	113.	48.68
	HYDROGRAPH AT							
+		373	398.	12.75	74.	18.	9.	.43
	2 COMBINED AT							
+		1I373	976.	16.25	542.	243.	121.	49.11
	HYDROGRAPH AT							
+		355A	47.	12.50	6.	2.	1.	.04
	ROUTED TO							
+		SR355A	0.	.00	0.	0.	0.	.04
	ROUTED TO							
+		R355A	0.	.00	0.	0.	0.	.04
	2 COMBINED AT							
+		CP373	976.	16.25	542.	243.	121.	49.15
	ROUTED TO							
+		R373	859.	17.50	517.	241.	121.	49.15
	HYDROGRAPH AT							
+		374	493.	13.50	161.	40.	19.	.76
	2 COMBINED AT							
+		1I374	859.	17.50	517.	270.	138.	49.91

+	HYDROGRAPH AT	375	274.	13.42	83.	21.	10.	.41
+	ROUTED TO	R375	198.	16.08	72.	21.	10.	.41
+	2 COMBINED AT	2I374	952.	17.42	555.	288.	147.	50.32
+	HYDROGRAPH AT	376	357.	13.00	85.	21.	10.	.42
+	ROUTED TO	R376	234.	15.42	76.	21.	10.	.42
+	2 COMBINED AT	CP374	1014.	17.42	584.	307.	156.	50.74
+	ROUTED TO	R374	789.	20.83	578.	292.	150.	50.74
+	HYDROGRAPH AT	305	521.	13.00	106.	27.	13.	.92
+	ROUTED TO	SR305	475.	13.08	97.	24.	12.	.92
+	ROUTED TO	R305	453.	13.33	97.	24.	12.	.92
+	HYDROGRAPH AT	325	229.	13.25	56.	14.	7.	.49
+	2 COMBINED AT	CP325	673.	13.33	152.	38.	18.	1.41
+	ROUTED TO	R325	597.	13.83	152.	38.	18.	1.41
+	HYDROGRAPH AT	342	267.	12.83	47.	12.	6.	.39
+	2 COMBINED AT	CP342	628.	13.83	197.	50.	24.	1.80
+	ROUTED TO	R342	609.	14.00	196.	50.	24.	1.80
+	HYDROGRAPH AT	325A	294.	13.08	63.	16.	8.	.61
+	ROUTED TO	R325A	241.	14.17	63.	16.	8.	.61
+	HYDROGRAPH AT	341	366.	13.08	81.	21.	10.	.79
+	2 COMBINED AT	CP341	365.	13.08	141.	37.	18.	1.40
+	ROUTED TO	R341	308.	14.83	135.	37.	18.	1.40
+	HYDROGRAPH AT	353	167.	12.75	29.	7.	4.	.22
+	2 COMBINED AT	1I353	308.	14.83	156.	44.	21.	1.62
+	2 COMBINED AT	CP353	890.	14.00	349.	93.	45.	3.42
+	ROUTED TO	SR353	892.	14.08	349.	93.	45.	3.42
+	ROUTED TO	R353	837.	14.50	343.	93.	45.	3.42
+	HYDROGRAPH AT	352	144.	12.75	25.	6.	3.	.18

+	2 COMBINED AT CP352	839.	14.50	357.	99.	48.	3.60
+	ROUTED TO SR352	776.	14.75	333.	92.	44.	3.60
+	ROUTED TO R352	593.	17.92	275.	91.	44.	3.60
+	HYDROGRAPH AT 372	884.	13.75	311.	78.	38.	1.62
+	3 COMBINED AT 1I372	973.	20.75	763.	403.	220.	55.96
+	HYDROGRAPH AT 385	314.	13.17	94.	24.	12.	.39
+	ROUTED TO R385	274.	14.25	90.	24.	12.	.39
+	HYDROGRAPH AT 384	264.	12.83	59.	15.	7.	.29
+	2 COMBINED AT CP384	305.	14.25	141.	39.	19.	.65
+	ROUTED TO R384	250.	16.50	123.	39.	19.	.65
+	2 COMBINED AT 2I372	1013.	20.75	817.	437.	236.	56.61
+	HYDROGRAPH AT 18	1179.	12.17	95.	26.	13.	.81
+	ROUTED TO R18	996.	12.33	95.	26.	13.	.81
+	HYDROGRAPH AT 19	819.	12.42	96.	26.	13.	.79
+	2 COMBINED AT CP19	1799.	12.33	190.	52.	25.	1.60
+	ROUTED TO R19	1710.	12.42	190.	52.	25.	1.60
+	HYDROGRAPH AT 21	913.	12.42	108.	29.	14.	.79
+	2 COMBINED AT I1CP21	2606.	12.42	296.	80.	39.	2.39
+	HYDROGRAPH AT 20	1218.	12.33	138.	37.	18.	1.07
+	ROUTED TO SR20	0.	.00	0.	0.	0.	1.07
+	ROUTED TO R20	0.	.00	0.	0.	0.	1.07
+	2 COMBINED AT CP21	2606.	12.42	296.	80.	39.	3.46
+	ROUTED TO SR21	973.	12.75	118.	32.	15.	3.46
+	ROUTED TO R21	901.	12.92	118.	32.	15.	3.46
+	HYDROGRAPH AT 23	310.	12.08	24.	7.	3.	.16
+	2 COMBINED AT CP23	909.	12.92	138.	38.	19.	3.62
+	ROUTED TO SR23	0.	.00	0.	0.	0.	3.62

+	ROUTED TO	R23	0.	.00	0.	0.	0.	3.62
+	HYDROGRAPH AT	22	730.	12.25	72.	19.	9.	.57
+	ROUTED TO	R22	686.	12.42	72.	19.	9.	.57
+	HYDROGRAPH AT	22A	733.	12.25	69.	18.	9.	.50
+	2 COMBINED AT	I1C22A	1304.	12.33	141.	37.	18.	1.07
+	2 COMBINED AT	CP22A	1285.	12.33	138.	37.	18.	4.69
+	ROUTED TO	R22A	1194.	12.50	138.	37.	18.	4.69
+	HYDROGRAPH AT	25	560.	12.33	58.	15.	7.	.46
+	2 COMBINED AT	I1CP25	1670.	12.42	195.	51.	25.	5.15
+	HYDROGRAPH AT	24	193.	12.25	17.	4.	2.	.14
+	ROUTED TO	SR24	0.	.00	0.	0.	0.	.14
+	ROUTED TO	R24	0.	.00	0.	0.	0.	.14
+	2 COMBINED AT	CP25	1670.	12.42	195.	51.	25.	5.29
+	ROUTED TO	SR25	1609.	12.50	174.	44.	21.	5.29
+	HYDROGRAPH AT	26	1333.	12.50	179.	46.	22.	1.16
+	ROUTED TO	R26	1284.	12.58	179.	46.	22.	1.16
+	HYDROGRAPH AT	27	1112.	12.33	170.	50.	24.	1.00
+	DIVERSION TO	27RET	704.	12.08	49.	14.	7.	1.00
+	HYDROGRAPH AT	27OUT	1112.	12.33	133.	36.	17.	1.00
+	2 COMBINED AT	I1CP27	2124.	12.50	309.	81.	39.	2.16
+	ROUTED TO	SR27	2187.	12.33	290.	75.	36.	2.16
+	2 COMBINED AT	CP27	3761.	12.50	459.	118.	57.	7.45
+	ROUTED TO	R27	3383.	12.67	457.	118.	57.	7.45
+	HYDROGRAPH AT	34	457.	12.25	42.	11.	6.	.36
+	HYDROGRAPH AT	33	811.	12.25	75.	21.	10.	.65
+	2 COMBINED AT	CP33	1259.	12.25	116.	32.	15.	1.01
+	ROUTED TO	R33	1203.	12.33	116.	32.	15.	1.01

+	HYDROGRAPH AT	35	510.	12.17	45.	12.	6.	.39
+	2 COMBINED AT	I1CP35	1655.	12.25	160.	44.	21.	1.40
+	HYDROGRAPH AT	32	1154.	12.33	156.	43.	21.	1.29
+	2 COMBINED AT	CP35	2717.	12.25	313.	86.	42.	2.69
+	ROUTED TO	R35	2658.	12.33	313.	86.	42.	2.69
+	HYDROGRAPH AT	36	301.	12.25	26.	7.	3.	.24
+	2 COMBINED AT	I1CP36	2923.	12.33	338.	93.	45.	2.93
+	HYDROGRAPH AT	37	909.	12.42	115.	31.	15.	.95
+	2 COMBINED AT	CP36	3736.	12.33	451.	123.	59.	3.88
+	ROUTED TO	R36	3668.	12.42	450.	123.	59.	3.88
+	HYDROGRAPH AT	38	926.	12.25	90.	24.	12.	.76
+	DIVERSION TO	38RET	602.	12.08	27.	7.	3.	.76
+	HYDROGRAPH AT	38OUT	926.	12.25	66.	17.	8.	.76
+	2 COMBINED AT	CP38	4319.	12.42	513.	140.	67.	4.64
+	ROUTED TO	SR38	4268.	12.42	460.	120.	58.	4.64
+	ROUTED TO	R38	4142.	12.58	459.	120.	58.	4.64
+	HYDROGRAPH AT	39	722.	12.50	117.	35.	17.	.77
+	DIVERSION TO	39RET	722.	12.50	89.	24.	12.	.77
+	HYDROGRAPH AT	39OUT	338.	12.92	38.	11.	5.	.77
+	2 COMBINED AT	I1CP39	4142.	12.58	494.	131.	63.	5.41
+	2 COMBINED AT	CP39	7034.	12.67	922.	241.	116.	12.86
+	ROUTED TO	R39	6980.	12.67	919.	241.	116.	12.86
+	HYDROGRAPH AT	40	594.	12.25	66.	19.	9.	.52
+	DIVERSION TO	40RET	76.	11.83	8.	2.	1.	.52
+	HYDROGRAPH AT	40OUT	594.	12.25	62.	16.	8.	.52
+	ROUTED TO	R40	503.	12.50	61.	16.	8.	.52
+	HYDROGRAPH AT	42	1229.	12.50	209.	64.	31.	1.18

+	DIVERSION TO	42RET	875.	12.25	84.	24.	12.	1.18
+	HYDROGRAPH AT	42OUT	1229.	12.50	147.	40.	19.	1.18
+	2 COMBINED AT	I1CP42	1721.	12.50	206.	56.	27.	1.70
+	2 COMBINED AT	CP42	8246.	12.67	1102.	291.	140.	14.56
+	ROUTED TO	SR42	7506.	12.83	958.	256.	123.	14.56
+	ROUTED TO	R42	7742.	12.83	957.	256.	123.	14.56
+	HYDROGRAPH AT	41A1	47.	12.00	3.	1.	0.	.02
+	ROUTED TO	SR41A1	23.	12.17	3.	1.	0.	.02
+	DIVERSION TO	1D303	23.	12.17	3.	1.	0.	.02
+	HYDROGRAPH AT	CP41A1	0.	.00	0.	0.	0.	.02
+	ROUTED TO	R41A1	0.	.00	0.	0.	0.	.02
+	HYDROGRAPH AT	41A2	64.	12.00	3.	1.	0.	.03
+	2 COMBINED AT	CP41A2	63.	12.00	3.	1.	0.	.05
+	ROUTED TO	SR41A2	74.	12.00	3.	1.	0.	.05
+	DIVERSION TO	2D303	24.	12.00	2.	1.	0.	.05
+	HYDROGRAPH AT	D41A2	49.	12.00	1.	0.	0.	.05
+	ROUTED TO	R41A2	30.	12.08	1.	0.	0.	.05
+	HYDROGRAPH AT	41A3	61.	12.00	3.	1.	0.	.03
+	2 COMBINED AT	CP41A3	83.	12.08	4.	1.	0.	.08
+	ROUTED TO	SR41A3	23.	12.25	4.	1.	0.	.08
+	DIVERSION TO	3D303	23.	12.25	4.	1.	0.	.08
+	HYDROGRAPH AT	D41A3	0.	.00	0.	0.	0.	.08
+	ROUTED TO	R41A3	0.	.00	0.	0.	0.	.08
+	HYDROGRAPH AT	41A	92.	12.00	5.	1.	1.	.05
+	2 COMBINED AT	CP41A	91.	12.00	5.	1.	1.	.13
+	ROUTED TO	SR41A	24.	12.25	5.	1.	1.	.13
+	DIVERSION TO	4D303	24.	12.25	5.	1.	1.	.13

+	HYDROGRAPH AT	D41A	0.	.00	0.	0.	0.	.13
+	ROUTED TO	R41A	0.	.00	0.	0.	0.	.13
+	HYDROGRAPH AT	41-1	223.	12.17	15.	4.	2.	.15
+	2 COMBINED AT	CP41-1	222.	12.17	15.	4.	2.	.28
+	ROUTED TO	SR41-1	222.	12.25	15.	4.	2.	.28
+	DIVERSION TO	5D303	45.	12.25	12.	3.	1.	.28
+	HYDROGRAPH AT	D41-1	177.	12.25	4.	1.	0.	.28
+	ROUTED TO	R41-1	64.	12.33	4.	1.	0.	.28
+	HYDROGRAPH AT	41-2	150.	12.17	10.	3.	1.	.10
+	2 COMBINED AT	CP41-2	149.	12.17	14.	3.	2.	.38
+	ROUTED TO	SR41-2	38.	12.50	14.	3.	2.	.38
+	DIVERSION TO	6D303	38.	12.50	14.	3.	2.	.38
+	HYDROGRAPH AT	D41-2	0.	.00	0.	0.	0.	.38
+	ROUTED TO	R41-2	0.	.00	0.	0.	0.	.38
+	HYDROGRAPH AT	41	596.	12.42	82.	24.	12.	.58
+	DIVERSION TO	41RET	596.	12.42	50.	14.	6.	.58
+	HYDROGRAPH AT	41OUT	461.	12.58	38.	10.	5.	.58
+	2 COMBINED AT	CP41	460.	12.58	38.	10.	5.	.68
+	ROUTED TO	SR41	163.	12.92	37.	10.	5.	.68
+	DIVERSION TO	7D303	44.	12.92	30.	9.	4.	.68
+	HYDROGRAPH AT	D41	119.	12.92	8.	2.	1.	.68
+	ROUTED TO	R41	105.	13.00	8.	2.	1.	.68
+	HYDROGRAPH AT	43-1	73.	12.08	4.	1.	1.	.04
+	2 COMBINED AT	CP43-1	102.	13.00	11.	3.	1.	1.00
+	ROUTED TO	SR43-1	73.	13.17	11.	3.	1.	1.00
+	DIVERSION TO	1D303A	73.	13.17	11.	3.	1.	1.00
+	HYDROGRAPH AT	D43-1	0.	.00	0.	0.	0.	1.00

	ROUTED TO						
+		R43-1	0.	.00	0.	0.	0.	1.00
	HYDROGRAPH AT						
+		43-2	19.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		CP43-2	18.	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						
+		D43-2	0.	.00	0.	0.	0.	1.01
	ROUTED TO						
+		R43-2	0.	.00	0.	0.	0.	1.01
	HYDROGRAPH AT						
+		43-3	106.	12.00	5.	1.	1.	.05
	2 COMBINED AT						
+		CP43-3	103.	12.00	5.	1.	1.	1.06
	ROUTED TO						
+		SR43-3	22.	12.17	5.	1.	1.	1.06
	DIVERSION TO						
+		3D303A	22.	12.17	5.	1.	1.	1.06
	HYDROGRAPH AT						
+		D43-3	0.	.00	0.	0.	0.	1.06
	ROUTED TO						
+		R43-3	0.	.00	0.	0.	0.	1.06
	HYDROGRAPH AT						
+		43-4	64.	12.00	3.	1.	0.	.03
	2 COMBINED AT						
+		CP43-4	61.	12.00	3.	1.	0.	1.09
	ROUTED TO						
+		SR43-4	21.	12.17	3.	1.	0.	1.09
	DIVERSION TO						
+		1DWT#4	21.	12.17	3.	1.	0.	1.09
	HYDROGRAPH AT						
+		D43-4	0.	.00	0.	0.	0.	1.09
	ROUTED TO						
+		R43-4	0.	.00	0.	0.	0.	1.09
	HYDROGRAPH AT						
+		43-5	44.	12.00	2.	1.	0.	.02
	2 COMBINED AT						
+		CP43-5	42.	12.00	2.	1.	0.	1.11
	ROUTED TO						
+		SR43-5	19.	12.17	2.	1.	0.	1.11
	DIVERSION TO						
+		2DWT#4	19.	12.17	2.	1.	0.	1.11
	HYDROGRAPH AT						
+		D43-5	0.	.00	0.	0.	0.	1.11
	ROUTED TO						
+		R43-5	0.	.00	0.	0.	0.	1.11
	HYDROGRAPH AT						
+		43-6	44.	12.00	2.	1.	0.	.02
	2 COMBINED AT						
+		CP43-6	43.	12.00	2.	1.	0.	1.13

+	ROUTED TO SR43-6	5.	12.25	2.	1.	0.	1.13
+	DIVERSION TO 3DWT#4	5.	12.25	2.	1.	0.	1.13
+	HYDROGRAPH AT D43-6	0.	.00	0.	0.	0.	1.13
+	ROUTED TO R43-6	0.	.00	0.	0.	0.	1.13
+	HYDROGRAPH AT 43-7	46.	12.00	2.	1.	0.	.02
+	2 COMBINED AT CP43-7	44.	12.00	2.	1.	0.	1.15
+	ROUTED TO SR43-7	20.	12.08	2.	1.	0.	1.15
+	DIVERSION TO 4DWT#4	20.	12.08	2.	1.	0.	1.15
+	HYDROGRAPH AT D43-7	0.	.00	0.	0.	0.	1.15
+	ROUTED TO R43-7	0.	.00	0.	0.	0.	1.15
+	HYDROGRAPH AT 43-8	23.	12.00	1.	0.	0.	.01
+	2 COMBINED AT CP43-8	22.	12.00	1.	0.	0.	1.16
+	ROUTED TO SR43-8	12.	12.08	1.	0.	0.	1.16
+	DIVERSION TO 5DWT#4	12.	12.08	1.	0.	0.	1.16
+	HYDROGRAPH AT D43-8	0.	.00	0.	0.	0.	1.16
+	ROUTED TO R43-8	0.	.00	0.	0.	0.	1.16
+	HYDROGRAPH AT 43	23.	12.00	1.	0.	0.	.01
+	2 COMBINED AT I1CP43	22.	12.00	1.	0.	0.	1.17
+	2 COMBINED AT CP43	7786.	12.83	962.	258.	124.	13.90
+	ROUTED TO SR43	6851.	12.92	962.	258.	124.	13.90
+	DIVERSION TO DI45-1	2360.	12.92	129.	32.	15.	13.90
+	HYDROGRAPH AT D43	4492.	12.92	833.	225.	108.	13.90
+	ROUTED TO RD43	4422.	13.00	829.	225.	108.	13.90
+	HYDROGRAPH AT D43-4	21.	12.17	3.	1.	0.	1.09
+	ROUTED TO RD43-4	13.	12.67	3.	1.	0.	1.09
+	HYDROGRAPH AT D43-5	19.	12.17	2.	1.	0.	1.11
+	ROUTED TO RD43-5	13.	12.58	2.	1.	0.	1.11

+	2 COMBINED AT	I1CWT4	27.	12.67	5.	1.	1.	.05
+	HYDROGRAPH AT	D43-6	5.	12.25	2.	1.	0.	1.13
+	ROUTED TO	RD43-6	4.	13.25	2.	1.	0.	1.13
+	2 COMBINED AT	I2CWT4	29.	12.67	7.	2.	1.	.07
+	HYDROGRAPH AT	D43-7	20.	12.08	2.	1.	0.	1.15
+	ROUTED TO	RD43-7	12.	12.58	2.	1.	0.	1.15
+	2 COMBINED AT	I3CWT4	41.	12.58	10.	2.	1.	.09
+	HYDROGRAPH AT	D43-8	12.	12.08	1.	0.	0.	1.16
+	ROUTED TO	RD43-8	5.	12.58	1.	0.	0.	1.16
+	2 COMBINED AT	I4CWT4	46.	12.58	11.	3.	1.	.10
+	HYDROGRAPH AT	44	287.	12.25	24.	6.	3.	.22
+	2 COMBINED AT	I5CWT4	308.	12.25	35.	9.	4.	.32
+	2 COMBINED AT	CP44	4450.	13.00	850.	233.	112.	14.12
+	HYDROGRAPH AT	45-1	137.	12.08	9.	2.	1.	.08
+	HYDROGRAPH AT	D43	2360.	12.92	129.	32.	15.	13.90
+	2 COMBINED AT	CP45-1	2355.	12.92	137.	34.	16.	13.98
+	ROUTED TO	SR45-1	2205.	13.00	137.	34.	16.	13.98
+	DIVERSION TO	7DWT#4	396.	13.00	40.	10.	5.	13.98
+	HYDROGRAPH AT	D45-1	1809.	13.00	97.	24.	12.	13.98
+	ROUTED TO	R45-1	1652.	13.00	97.	24.	12.	13.98
+	HYDROGRAPH AT	45	845.	12.00	45.	12.	6.	.38
+	2 COMBINED AT	CP45	2024.	13.00	159.	40.	19.	4.44
+	ROUTED TO	SR45	1738.	13.08	159.	40.	19.	4.44
+	DIVERSION TO	8DWT#4	366.	13.08	104.	26.	13.	4.44
+	HYDROGRAPH AT	D45	1372.	13.08	54.	14.	7.	4.44
+	ROUTED TO	R45	980.	13.17	54.	14.	7.	4.44
+	HYDROGRAPH AT	46-1	152.	12.25	16.	4.	2.	.15

+	2 COMBINED AT	CP46-1	989.	13.17	69.	17.	8.	14.51
+	ROUTED TO	SR46-1	390.	13.42	53.	13.	6.	14.51
+	DIVERSION TO	9DWT#4	164.	13.33	45.	11.	5.	14.51
+	HYDROGRAPH AT	D46-1	227.	13.42	8.	2.	1.	14.51
+	ROUTED TO	R46-1	130.	13.50	8.	2.	1.	14.51
+	HYDROGRAPH AT	46	529.	12.58	91.	23.	11.	.85
+	2 COMBINED AT	I1CP46	497.	12.58	93.	24.	11.	15.36
+	HYDROGRAPH AT	28	771.	12.50	104.	29.	14.	.86
+	HYDROGRAPH AT	!JR1	959.	12.42	105.	27.	13.	.93
+	DIVERSION TO	JRBSN	855.	12.42	85.	22.	10.	.93
+	HYDROGRAPH AT	DBJR1	103.	12.42	20.	5.	2.	.93
+	HYDROGRAPH AT	DBJR1	855.	12.42	85.	22.	10.	.93
+	ROUTED TO	SRJR1	63.	13.00	34.	11.	5.	.93
+	2 COMBINED AT	2JR1	150.	12.83	52.	16.	8.	.93
+	ROUTED TO	RJR1	138.	13.00	51.	16.	8.	.93
+	2 COMBINED AT	!JR2	850.	12.50	151.	44.	21.	1.79
+	ROUTED TO	RJR2	804.	12.58	151.	44.	21.	1.79
+	HYDROGRAPH AT	30	338.	12.25	46.	14.	7.	.28
+	2 COMBINED AT	I1CP30	971.	12.50	194.	57.	28.	2.07
+	HYDROGRAPH AT	29	280.	12.25	28.	8.	4.	.22
+	DIVERSION TO	29RET	141.	12.00	8.	2.	1.	.22
+	HYDROGRAPH AT	29OUT	280.	12.25	22.	6.	3.	.22
+	ROUTED TO	SR29	0.	.00	0.	0.	0.	.22
+	ROUTED TO	R29	0.	.00	0.	0.	0.	.22
+	2 COMBINED AT	!JR3	971.	12.50	194.	57.	28.	2.29
+	ROUTED TO	RJR3	905.	12.75	193.	57.	28.	2.29
+	HYDROGRAPH AT	31	596.	12.50	77.	20.	10.	.71

	2 COMBINED AT							
+		!JR4	1382.	12.58	267.	77.	37.	3.00
	ROUTED TO							
+		RJR4	1292.	12.75	267.	77.	37.	3.00
	2 COMBINED AT							
+		!JR5	1750.	12.67	364.	101.	49.	7.69
	ROUTED TO							
+		SR46	1722.	12.75	364.	101.	49.	7.69
	ROUTED TO							
+		R46	1646.	12.92	362.	101.	49.	7.69
	HYDROGRAPH AT							
+		D45-1	396.	13.00	40.	10.	5.	13.98
	ROUTED TO							
+		RD45-1	314.	13.17	40.	10.	5.	13.98
	HYDROGRAPH AT							
+		D45	366.	13.08	104.	26.	13.	4.44
	ROUTED TO							
+		RD45	337.	13.42	104.	26.	13.	4.44
	2 COMBINED AT							
+		I7CWT4	595.	13.25	140.	35.	17.	14.36
	HYDROGRAPH AT							
+		D46-1	164.	13.33	45.	11.	5.	14.51
	ROUTED TO							
+		RD46-1	157.	13.75	45.	11.	5.	14.51
	2 COMBINED AT							
+		I8CWT4	678.	13.33	184.	46.	22.	14.51
	HYDROGRAPH AT							
+		WT4	919.	12.25	80.	20.	10.	.77
	2 COMBINED AT							
+		I9CWT4	1093.	12.33	256.	65.	31.	15.28
	2 COMBINED AT							
+		!!0WT4	1936.	13.08	584.	157.	76.	18.20
	2 COMBINED AT							
+		!!WT4	6255.	13.00	1414.	385.	186.	18.57
	ROUTED TO							
+		RS47	0.	.00	0.	0.	0.	18.57
	HYDROGRAPH AT							
+		D43-1	73.	13.17	11.	3.	1.	1.00
	ROUTED TO							
+		R43-1	56.	14.25	11.	3.	1.	1.00
	HYDROGRAPH AT							
+		D43-2	10.	12.17	1.	0.	0.	1.01
	ROUTED TO							
+		R43-2	4.	13.92	1.	0.	0.	1.01
	HYDROGRAPH AT							
+		D43-3	22.	12.17	5.	1.	1.	1.06
	ROUTED TO							
+		R43-3	14.	13.75	5.	1.	1.	1.06
	HYDROGRAPH AT							
+		303A	486.	12.25	44.	11.	5.	.42
	4 COMBINED AT							
+		1C303A	481.	12.25	61.	15.	7.	1.06
	2 COMBINED AT							
+		CP303A	479.	12.25	60.	15.	7.	1.48

+	ROUTED TO	RTCUS	367.	12.50	60.	15.	7.	1.48
+	HYDROGRAPH AT	304	1163.	12.33	132.	36.	17.	1.10
+	2 COMBINED AT	!TC1	1472.	12.42	188.	50.	24.	2.93
+	ROUTED TO	RTC1	1464.	12.42	188.	50.	24.	2.93
+	HYDROGRAPH AT	323	162.	12.33	16.	4.	2.	.15
+	2 COMBINED AT	!TC2	1610.	12.42	204.	54.	26.	3.08
+	DIVERSION TO	DI321	0.	.00	0.	0.	0.	3.08
+	HYDROGRAPH AT	D323	1610.	12.42	204.	54.	26.	3.08
+	ROUTED TO	RTC2	1443.	12.58	203.	54.	26.	3.08
+	HYDROGRAPH AT	324	206.	12.92	38.	10.	5.	.36
+	2 COMBINED AT	!TC3	1517.	12.58	230.	61.	29.	13.70
+	ROUTED TO	RTC3	1365.	12.75	229.	61.	29.	13.70
+	HYDROGRAPH AT	340	283.	13.00	57.	14.	7.	.48
+	2 COMBINED AT	!TC4	1571.	12.75	282.	74.	36.	14.18
+	ROUTED TO	RTC4	1469.	12.92	281.	74.	36.	14.18
+	HYDROGRAPH AT	351	540.	12.83	99.	25.	12.	.76
+	2 COMBINED AT	!TC5	1961.	12.92	373.	97.	47.	14.94
+	DIVERSION TO	DITC5	1663.	12.92	323.	84.	40.	14.94
+	HYDROGRAPH AT	DTC5	298.	12.92	50.	13.	6.	14.94
+	HYDROGRAPH AT	DRTC5	1663.	12.92	323.	84.	40.	14.94
+	ROUTED TO	SRTC5	588.	13.67	167.	44.	21.	14.94
+	2 COMBINED AT	2TC5	658.	13.67	214.	57.	27.	14.94
+	ROUTED TO	RTC5	657.	13.67	214.	57.	27.	14.94
+	HYDROGRAPH AT	352A	76.	13.08	17.	4.	2.	.13
+	2 COMBINED AT	!TC6	690.	13.67	229.	61.	29.	15.07
+	DIVERSION TO	DI350	0.	.00	0.	0.	0.	15.07
+	HYDROGRAPH AT	D352A	690.	13.67	229.	61.	29.	15.07

	ROUTED TO						
+	RTC6	671.	14.00	227.	61.	29.	15.07
	2 COMBINED AT						
+	!TC7	1383.	13.83	888.	518.	275.	29.83
	DIVERSION TO						
+	DI371	0.	.00	0.	0.	0.	29.83
	HYDROGRAPH AT						
+	1D372	1383.	13.83	888.	518.	275.	29.83
	DIVERSION TO						
+	DI379	0.	.00	0.	0.	0.	29.83
	HYDROGRAPH AT						
+	2D372	1383.	13.83	888.	518.	275.	29.83
	ROUTED TO						
+	RTC7	1345.	14.00	886.	517.	275.	29.83
	HYDROGRAPH AT						
+	382	552.	13.17	150.	38.	18.	.71
	2 COMBINED AT						
+	!TC8	1566.	13.92	884.	547.	291.	30.54
	ROUTED TO						
+	RTC8	1540.	14.17	882.	547.	290.	30.54
	HYDROGRAPH AT						
+	D383	161.	12.92	35.	9.	4.	.18
	2 COMBINED AT						
+	!TC9	1559.	14.08	881.	553.	294.	30.72
	ROUTED TO						
+	RTC9	1544.	14.25	879.	553.	294.	30.72
	HYDROGRAPH AT						
+	2D372	0.	.00	0.	0.	0.	29.83
	ROUTED TO						
+	R372	0.	.00	0.	0.	0.	29.83
	2 COMBINED AT						
+	1I379	1548.	14.25	885.	553.	294.	61.78
	HYDROGRAPH AT						
+	381A	123.	12.58	23.	6.	3.	.10
	ROUTED TO						
+	SR381A	0.	.00	0.	0.	0.	.10
	ROUTED TO						
+	R381A	0.	.00	0.	0.	0.	.10
	2 COMBINED AT						
+	2I379	1555.	14.25	888.	555.	294.	61.88
	HYDROGRAPH AT						
+	379	201.	13.58	61.	15.	7.	.46
	2 COMBINED AT						
+	3I379	1672.	14.25	892.	569.	302.	62.24
	HYDROGRAPH AT						
+	D41A1	23.	12.17	3.	1.	0.	.02
	ROUTED TO						
+	R41A1	13.	13.58	3.	1.	0.	.02
	HYDROGRAPH AT						
+	D41A2	24.	12.00	2.	1.	0.	.05
	ROUTED TO						
+	R41A2	13.	13.50	2.	1.	0.	.05
	2 COMBINED AT						
+	1I303	26.	13.50	5.	1.	1.	.05

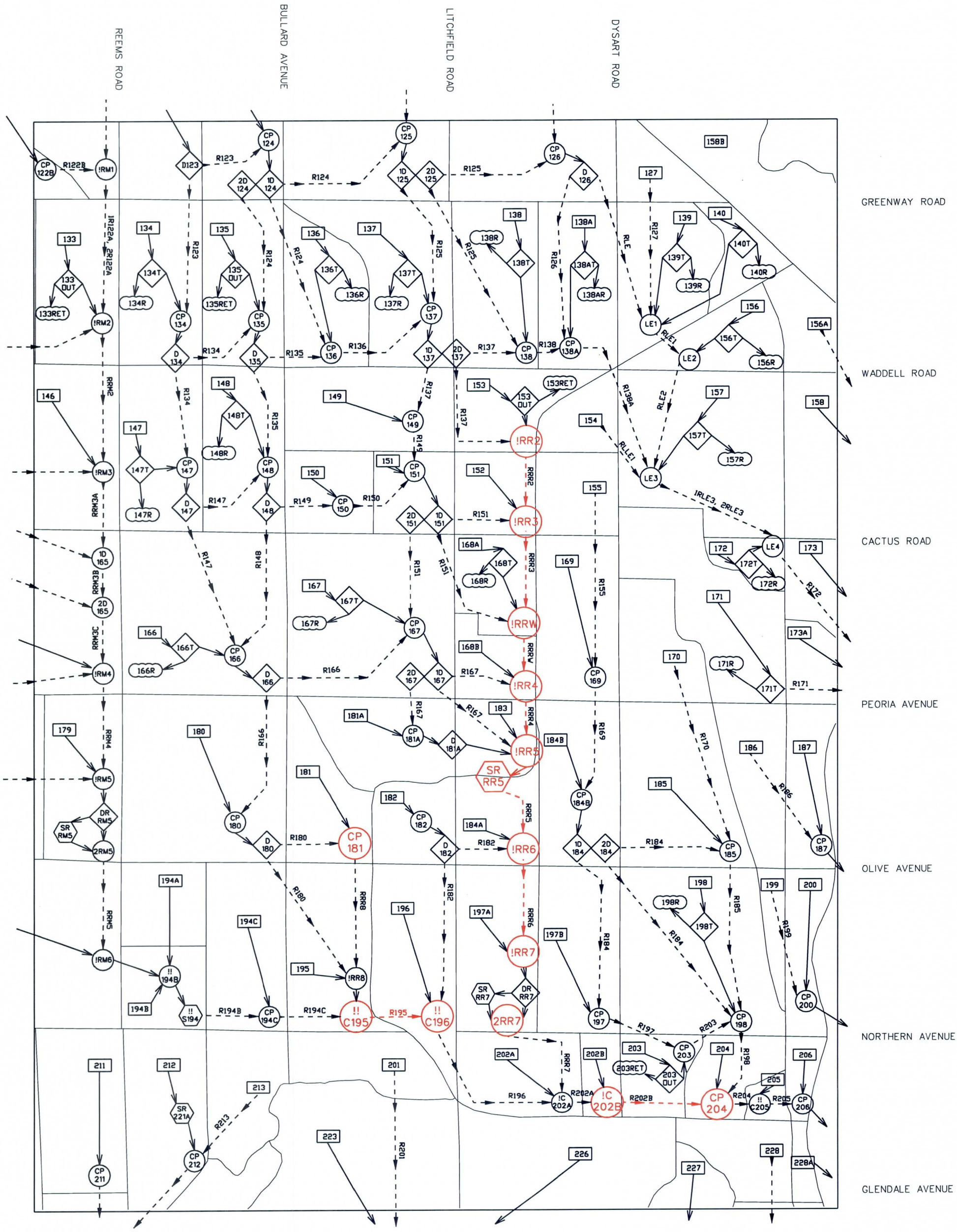
+	HYDROGRAPH AT	D41A3	23.	12.25	4.	1.	0.	.08
+	ROUTED TO	R41A3	13.	14.58	4.	1.	0.	.08
+	2 COMBINED AT	2I303	27.	13.58	9.	2.	1.	.08
+	HYDROGRAPH AT	D41A	24.	12.25	5.	1.	1.	.13
+	ROUTED TO	R41A	14.	14.67	5.	1.	1.	.13
+	2 COMBINED AT	3I303	31.	14.42	14.	4.	2.	.13
+	HYDROGRAPH AT	D41-1	45.	12.25	12.	3.	1.	.28
+	ROUTED TO	R41-1	34.	14.17	11.	3.	1.	.28
+	2 COMBINED AT	4I303	64.	14.17	25.	6.	3.	.28
+	HYDROGRAPH AT	D41-2	38.	12.50	14.	3.	2.	.38
+	ROUTED TO	R41-2	33.	14.58	13.	3.	2.	.38
+	2 COMBINED AT	5I303	93.	14.42	37.	10.	5.	.38
+	HYDROGRAPH AT	D41	44.	12.92	30.	9.	4.	.68
+	ROUTED TO	R41	43.	15.33	28.	9.	4.	.68
+	2 COMBINED AT	6I303	112.	15.00	61.	18.	9.	.96
+	HYDROGRAPH AT	303	626.	12.67	96.	24.	12.	.91
+	2 COMBINED AT	CP303	621.	12.67	148.	42.	20.	2.17
+	ROUTED TO	R303	615.	12.75	148.	42.	20.	2.17
+	HYDROGRAPH AT	321	918.	12.17	72.	18.	9.	.66
+	2 COMBINED AT	1I321	1126.	12.25	217.	59.	29.	2.83
+	HYDROGRAPH AT	D323	0.	.00	0.	0.	0.	3.08
+	ROUTED TO	R323	0.	.00	0.	0.	0.	3.08
+	2 COMBINED AT	CP321	1126.	12.25	217.	59.	29.	4.60
+	ROUTED TO	SR321	640.	12.75	133.	37.	18.	4.60
+	ROUTED TO	R321	531.	13.08	130.	37.	18.	4.60
+	HYDROGRAPH AT	322	199.	12.92	38.	10.	5.	.34
+	2 COMBINED AT	CP322	692.	13.08	161.	46.	22.	4.94

	ROUTED TO							
+		R322	517.	13.58	158.	46.	22.	4.94
	HYDROGRAPH AT							
+		339	511.	13.17	120.	30.	14.	1.00
	2 COMBINED AT							
+		CP339	868.	13.50	267.	76.	36.	5.94
	ROUTED TO							
+		R339	799.	14.08	262.	76.	36.	5.94
	HYDROGRAPH AT							
+		349	580.	13.00	120.	30.	14.	.93
	2 COMBINED AT							
+		CP349	894.	13.92	365.	105.	50.	6.87
	ROUTED TO							
+		SR349	890.	14.00	365.	105.	50.	6.87
	ROUTED TO							
+		R349	862.	14.50	362.	105.	50.	6.87
	HYDROGRAPH AT							
+		350	101.	13.33	26.	7.	3.	.19
	2 COMBINED AT							
+		1I350	887.	14.42	384.	111.	54.	7.06
	HYDROGRAPH AT							
+		D352A	0.	.00	0.	0.	0.	15.07
	ROUTED TO							
+		R352A	0.	.00	0.	0.	0.	15.07
	2 COMBINED AT							
+		CP350	887.	14.42	384.	111.	54.	8.79
	ROUTED TO							
+		SR350	871.	14.58	348.	99.	48.	8.79
	ROUTED TO							
+		R350	847.	15.08	338.	99.	48.	8.79
	HYDROGRAPH AT							
+		371	533.	13.67	180.	45.	22.	.93
	2 COMBINED AT							
+		1I371	1026.	14.83	478.	143.	69.	9.72
	HYDROGRAPH AT							
+		1D372	0.	.00	0.	0.	0.	29.83
	ROUTED TO							
+		R372	0.	.00	0.	0.	0.	29.83
	2 COMBINED AT							
+		CP371	1030.	14.92	486.	146.	71.	65.40
	ROUTED TO							
+		R371	765.	16.17	377.	119.	58.	65.40
	2 COMBINED AT							
+		CP379	1672.	14.25	1178.	699.	365.	65.96
	ROUTED TO							
+		SR379	1483.	14.42	1057.	643.	336.	65.96

APPENDIX D – PROPOSED ALTERNATIVE 2 HEC-1

HEC-1 Schematic Diagram

HEC-1 Output



HYDROLOGY MAP FOR ALTERNATIVE TWO

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1*****************************************                    *****************************************
 *                                       *                    *                                       *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *                    *    U.S. ARMY CORPS OF ENGINEERS       *
 *              JUN   1998               *                    *    HYDROLOGIC ENGINEERING CENTER      *
 *            VERSION 4.1                *                    *          609 SECOND STREET            *
 *                                       *                    *       DAVIS, CALIFORNIA 95616         *
 *  RUN DATE   05NOV08  TIME  20:08:15   *                    *           (916) 756-1104              *
 *                                       *                    *                                       *
 *****************************************                    *****************************************
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PROPOSED ALTERNATIVE 2 HEC-1
Note: Please refer to the Word doc and pdf output files on the included CD for the complete input and output.

```
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

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1                                                    HEC-1 INPUT
PAGE  1

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

             1          ID   PREPARED BY ASPEN CONSULTING ENGINEERS, EXISTING WITH PROJECT-IN-PLACE
             2          ID   MODIFIED BY HOSKIN RYAN CONSULTANTS ON 10/03/08 FOR PROPOSED ATSF
             3          ID   CHANNEL AND BASIN (ALTERNATIVE TWO)
             4          ID   MODIFICATION:
             5          ID   (1) SURPRISE POINTE DEVELOPMENT WAS REFLECTED
             6          ID   (2) SURPRISE WWTP WAS REFLECTED
             7          ID   (3) ATSF ALTERNATIVE TWO WAS UPDATED
             8          ID
             9          ID  ***********************************************************************
            10          ID      ASPEN CONSULTING ENGINEERS, JCS, xx-xx-08, FILE: 303EWP.DAT, 100-YR 24-HR
            11          ID      NOTES:
            12          ID      UPDATE LG CARD AND DEVELOPMENT RETENTION DIVERSIONS FOR EACH SUBBASIN.
            13          ID      CHANGE MODEL TO REFLECT THE NEW SUNCOR CHANNEL SOUTH OF CAMELBACK RD.
            14          ID      BETWEEN STATE ROUTE 303 AND BULLARD WASH.  KK RECORD CHANGED ARE R237,
            15          ID      AND R238.
                        * ***********************************************************************
                        * *  THE FOLLOWING IS THE MODEL RECIEVED BY ASPEN FROM FCDMC ON 06/08/07
                        * ***********************************************************************
            16          ID         DRAFT PREFERRED ALTERNATIVE LEVEL III
            17          ID
            18          ID         INCORPORATE ALTERNATIVE #3 FROM CHANGE ORDER #14 INTO
            19          ID         SR 303L OFFSITE FLOOD CONTROL FACILITY - NORTHERN AND CACTUS
            20          ID         BASINS ARE NOW OFFLINE WITH MULTIPLE BASINS LOCATED WITHIN
            21          ID         LUKE AIR FORCE BASE CRASH ZONE AREA
            22          ID
            23          ID         **ADOT BASIN GEOMETRY REPRESENTS MOST RECENT 2' CONTOURS**
            24          ID         WHITE TANKS AREA DRAINAGE MASTER STUDY *UPDATE*
            25          ID         Original MODEL BY THE WLB Group for FCDMC AS PART OF THE WHITE
            26          ID         TANKS/AGUA FRIA ADMS, Date: October 1991
            27          ID
            28          ID         REVISED HYDROLOGY HEC-1 RUN FOR WHITE TANKS ADMS
            29          ID         100-YEAR, 24-HOUR STORM                  original file: WTADMS.24
            30          ID
            31          ID                                       REVISED BY URS     DATE: 01-14-04
            32          ID                                                          FILE: L33PE4H.DAT
            33          ID
            34          ID        NOTES:
            35          ID        1. THIS HEC-1 MODEL CONTAINS THE FOLLOWING SUPER BASINS: WHITE TANKS 3,
            36          ID           2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2 & 3, 4 THRU 26.
            37          ID        2. REVISED TO REFLECT UPDATED SOILS MAPS AND NEW DEVELOPMENT.
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 38          ID        3. AVERAGE XKSAT VALUES FOR EACH SUBBASIN WAS RECEIVED FROM FCDMC
 39          ID           GIS DATA AND THEN ADJUSTED FOR VEGETATION, OR LEFT AS ORIGINALLY IN
 40          ID           THE WLB MODEL.
 41          ID        4. FOR NEW DEVELOPMENTS ONLY 80% OF REPORTED PROVIDED RETENTION
 42          ID           WAS INCLUDED IN THIS MODEL (AS A CONSERVATIVE ESTIMATE). RETENTION
 43          ID           CAPACITIES WERE ESTIMATED BY EEC FOR DEVELOPMENTS WITH NO
 44          ID           DRAINAGE REPORTS.
 45          ID        5. REVISED DRAINAGE BOUNDARIES BASED UPON FIELD INSPECTION OF SUN CITY.
 46          ID           GRAND.  COMBINED SEVERAL BASINS TOGETHER TO MAKE NEW BASINS 114 &115.
 47          ID           ALSO REROUTED SUBBASINS 100A, 101, 102A AND 106 TO THE SOUTH TO 113A.
 48          ID        6. CHANNEL ROUTE ALONG REEMS ROAD UPDATED TO REFLECT NEW CONSTRUCTION.
 49          ID        7. REVISED SCS TYPE II RAINFALL DISTRIBUTION FOR THE 24-HOUR GENERAL
 50          ID           STORM.
 51          ID        8. REVISED RAINFALL DEPTH-AREA REDUCTION FACTORS.
 52          ID        9. PSIF WERE ADJUSTED BASED ON THE VALUES OF XKSAT AND WERE EDITED INTO
1                                                HEC-1 INPUT
PAGE  2

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

 53          ID           THE DATA FILE BY THE FCDMC.
 54          ID       10. AVERAGE XKSAT VALUES FOR SUBBASINS WITH BORROW PITS (WHITE TANKS
 55          ID           AREAS #3 & #4) WERE ESTIMATED BY EEC.
 56          ID
             *DIAGRAM
 57          IT       5                    600
 58          IO       5
 59          IN      15
 60          JD    4.03    .001
 61          PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 62          PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 63          PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 64          PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 65          PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 66          PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
 67          PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 68          PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 69          PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 70          PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
 71          JD    3.79      10
 72          JD    3.51      50
 73          JD    3.39     100
 74          JD    3.29     200
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RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

MAXIMUM MAX STAGE	TIME OF OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	STAGE
+	HYDROGRAPH AT	1	1573.	12.50	222.	61.	30.	1.94	
+	ROUTED TO	RCP1	1386.	12.83	222.	61.	30.	1.94	
+	HYDROGRAPH AT	2	1339.	12.75	237.	66.	32.	1.82	
+	2 COMBINED AT	CP2	2657.	12.75	456.	126.	61.	3.76	
+	ROUTED TO	RCP2	2458.	12.92	455.	126.	61.	3.76	
+	HYDROGRAPH AT	!BC1	313.	12.33	31.	8.	4.	.29	
+	ROUTED TO	RBC1	234.	12.58	31.	8.	4.	.29	
+	HYDROGRAPH AT	3	863.	12.33	89.	22.	11.	.81	

+	2 COMBINED AT I1CP3	1009.	12.42	119.	30.	14.	1.10
+	2 COMBINED AT !BC2	2665.	12.92	571.	155.	75.	4.86
+	DIVERSION TO DI189	0.	.00	0.	0.	0.	4.86
+	HYDROGRAPH AT D3	2665.	12.92	571.	155.	75.	4.86
+	ROUTED TO RBC2	2468.	13.17	569.	155.	75.	4.86
+	HYDROGRAPH AT 4	396.	12.25	36.	10.	5.	.30
+	HYDROGRAPH AT 5	927.	12.25	86.	23.	11.	.72
+	2 COMBINED AT CP5	1315.	12.25	121.	33.	16.	1.02
+	ROUTED TO RCP5	1312.	12.25	121.	33.	16.	1.02
+	HYDROGRAPH AT 6	746.	12.08	52.	14.	7.	.45
+	2 COMBINED AT CP6	1854.	12.17	172.	47.	23.	1.47
+	ROUTED TO RCP6	1784.	12.17	172.	47.	23.	1.47
+	HYDROGRAPH AT 7	494.	12.08	36.	10.	5.	.31
+	2 COMBINED AT CP7	2245.	12.17	206.	57.	27.	1.78
+	ROUTED TO RCP7	1947.	12.33	206.	57.	27.	1.78
+	HYDROGRAPH AT 9	1402.	12.33	161.	44.	21.	1.40
+	2 COMBINED AT I1CP9	3324.	12.33	364.	100.	48.	3.18
+	HYDROGRAPH AT 8	890.	12.33	93.	26.	12.	.81
+	2 COMBINED AT CP9	4190.	12.33	455.	125.	60.	3.99
+	ROUTED TO RCP9	3543.	12.75	454.	125.	60.	3.99
+	HYDROGRAPH AT 10	1357.	12.75	237.	62.	30.	2.02
+	DIVERSION TO 10RET	325.	12.08	18.	5.	2.	2.02
+	HYDROGRAPH AT 10OUT	1357.	12.75	224.	57.	27.	2.02
+	2 COMBINED AT I1CP10	4868.	12.75	672.	180.	87.	6.01
+	2 COMBINED AT !BC3	6322.	12.83	1225.	331.	159.	10.87
+	DIVERSION TO 1DI188	0.	.00	0.	0.	0.	10.87
+	HYDROGRAPH AT 1D10	6322.	12.83	1225.	331.	159.	10.87

	DIVERSION TO						
+	2DI188	0.	.00	0.	0.	0.	10.87
	HYDROGRAPH AT						
+	2D10	6322.	12.83	1225.	331.	159.	10.87
	ROUTED TO						
+	RBC3	6121.	12.92	1222.	331.	159.	10.87
	HYDROGRAPH AT						
+	12	1214.	12.50	167.	43.	21.	1.38
	2 COMBINED AT						
+	!BC4	6592.	12.92	1368.	369.	178.	12.25
	ROUTED TO						
+	RBC4	6424.	13.00	1366.	369.	178.	12.25
	HYDROGRAPH AT						
+	WT3	383.	12.50	50.	13.	6.	.44
	2 COMBINED AT						
+	!BC5	6521.	13.00	1409.	380.	183.	12.69
	HYDROGRAPH AT						
+	11	1559.	12.42	202.	54.	26.	1.56
	ROUTED TO						
+	RCP11	1268.	12.75	201.	54.	26.	1.56
	HYDROGRAPH AT						
+	13	1223.	12.42	145.	36.	17.	1.30
	2 COMBINED AT						
+	CP13	2062.	12.58	344.	89.	43.	2.86
	ROUTED TO						
+	RCP13	2035.	12.67	344.	89.	43.	2.86
	HYDROGRAPH AT						
+	14	1548.	12.33	173.	47.	23.	1.47
	ROUTED TO						
+	RCP14	1392.	12.58	173.	47.	23.	1.47
	HYDROGRAPH AT						
+	15	1272.	12.42	149.	40.	19.	1.26
	2 COMBINED AT						
+	I1CP15	2485.	12.50	319.	86.	42.	2.73
	HYDROGRAPH AT						
+	16	1206.	12.42	149.	41.	20.	1.13
	ROUTED TO						
+	SR16	0.	.00	0.	0.	0.	1.13
	2 COMBINED AT						
+	CP15	2485.	12.50	319.	86.	42.	3.90
	ROUTED TO						
+	RCP15	2108.	12.75	318.	86.	41.	3.90
	HYDROGRAPH AT						
+	17	1036.	12.33	108.	27.	13.	1.07
	2 COMBINED AT						
+	I1CP17	2480.	12.67	423.	112.	54.	4.97
	2 COMBINED AT						
+	CP17	4474.	12.67	761.	200.	96.	7.83
	ROUTED TO						
+	RCP17	4407.	12.75	761.	200.	96.	7.83
	2 COMBINED AT						
+	!!WT3	9838.	12.92	2073.	554.	267.	20.52
	ROUTED TO						
+	SRWT3	0.	.00	0.	0.	0.	20.52

+	HYDROGRAPH AT	116	872.	12.33	111.	33.	16.	.66
+	DIVERSION TO	116RET	872.	12.33	93.	25.	12.	.66
+	HYDROGRAPH AT	116OUT	233.	12.67	27.	8.	4.	.66
+	ROUTED TO	R116	110.	13.17	26.	8.	4.	.66
+	HYDROGRAPH AT	117	920.	12.58	158.	47.	23.	.92
+	DIVERSION TO	117RET	920.	12.58	130.	35.	17.	.92
+	HYDROGRAPH AT	117OUT	364.	13.08	41.	12.	6.	.92
+	2 COMBINED AT	CP117	454.	13.08	65.	20.	10.	1.65
+	ROUTED TO	R117	248.	13.67	62.	20.	10.	1.65
+	HYDROGRAPH AT	123	322.	13.00	79.	23.	11.	.44
+	DIVERSION TO	123R	306.	12.92	43.	12.	6.	.44
+	HYDROGRAPH AT	123T	287.	13.17	43.	12.	6.	.44
+	DIVERSION TO	DI134	0.	.00	0.	0.	0.	.44
+	HYDROGRAPH AT	D123	287.	13.17	43.	12.	6.	.44
+	ROUTED TO	R123	209.	13.67	42.	12.	6.	.44
+	HYDROGRAPH AT	124	302.	13.33	85.	23.	11.	.57
+	DIVERSION TO	124R	262.	13.17	37.	10.	5.	.57
+	HYDROGRAPH AT	124OUT	297.	13.42	52.	14.	7.	.57
+	2 COMBINED AT	CP124	446.	13.58	92.	25.	12.	1.65
+	DIVERSION TO	DI136	222.	13.58	49.	13.	6.	1.65
+	HYDROGRAPH AT	1D124	224.	13.58	43.	11.	5.	1.65
+	DIVERSION TO	DI135	81.	13.58	10.	3.	1.	1.65
+	HYDROGRAPH AT	2D124	143.	13.58	32.	9.	4.	1.65
+	ROUTED TO	R124	123.	14.17	32.	9.	4.	1.65
+	HYDROGRAPH AT	125	1017.	12.50	146.	41.	20.	1.00
+	DIVERSION TO	125R	123.	11.83	14.	5.	2.	1.00
+	HYDROGRAPH AT	125T	1017.	12.50	139.	36.	17.	1.00

+	2 COMBINED AT 1I125	1010.	12.50	169.	45.	21.	2.01
+	2 COMBINED AT CP125	1004.	12.50	223.	64.	31.	3.66
+	DIVERSION TO DI137	334.	12.50	74.	21.	10.	3.66
+	HYDROGRAPH AT 1D125	670.	12.50	148.	42.	20.	3.66
+	DIVERSION TO DI138	334.	12.50	74.	21.	10.	3.66
+	HYDROGRAPH AT 2D125	335.	12.50	74.	21.	10.	3.66
+	ROUTED TO R125	273.	12.83	73.	21.	10.	3.66
+	HYDROGRAPH AT 118	326.	12.08	42.	14.	7.	.16
+	DIVERSION TO 118RET	321.	12.08	25.	7.	4.	.16
+	HYDROGRAPH AT 118OUT	253.	12.17	23.	7.	3.	.16
+	ROUTED TO R118	72.	13.83	21.	7.	3.	.16
+	HYDROGRAPH AT 126	1100.	12.50	185.	58.	28.	.95
+	DIVERSION TO 126R	1100.	12.50	141.	39.	19.	.95
+	HYDROGRAPH AT 126T	576.	12.83	65.	19.	9.	.95
+	2 COMBINED AT 1I126	575.	12.83	84.	26.	12.	1.11
+	2 COMBINED AT CP126	840.	12.83	151.	46.	22.	4.75
+	DIVERSION TO DI139	840.	12.83	151.	46.	22.	4.75
+	HYDROGRAPH AT D126	0.	.00	0.	0.	0.	4.75
+	ROUTED TO R126	0.	.00	0.	0.	0.	4.75
+	HYDROGRAPH AT 100A	165.	12.50	24.	7.	3.	.18
+	DIVERSION TO 100AR	90.	12.17	5.	1.	1.	.18
+	HYDROGRAPH AT 100AT	165.	12.50	20.	5.	2.	.18
+	ROUTED TO R100A	130.	13.17	20.	5.	2.	.18
+	HYDROGRAPH AT 102A	565.	12.50	96.	29.	14.	.51
+	DIVERSION TO 102AR	565.	12.50	78.	21.	10.	.51
+	HYDROGRAPH AT 102AT	213.	13.00	28.	8.	4.	.51
+	2 COMBINED AT 1I102A	318.	13.00	47.	13.	6.	.69

+	HYDROGRAPH AT	101	241.	12.25	30.	9.	4.	.16
+	DIVERSION TO	101R	241.	12.25	30.	9.	4.	.16
+	HYDROGRAPH AT	101T	0.	.00	0.	0.	0.	.16
+	ROUTED TO	R101	0.	.00	0.	0.	0.	.16
+	2 COMBINED AT	CP102A	318.	13.00	47.	13.	6.	.75
+	DIVERSION TO	102ART	318.	13.00	47.	13.	6.	.75
+	HYDROGRAPH AT	102AOT	0.	26.50	0.	0.	0.	.75
+	ROUTED TO	R102A	0.	28.00	0.	0.	0.	.75
+	HYDROGRAPH AT	106	808.	12.50	136.	41.	20.	.77
+	DIVERSION TO	106R	808.	12.50	103.	28.	13.	.77
+	HYDROGRAPH AT	106T	410.	12.92	46.	13.	6.	.77
+	2 COMBINED AT	CP106	407.	12.92	45.	13.	6.	1.70
+	DIVERSION TO	DLP0	407.	12.92	45.	13.	6.	1.70
+	HYDROGRAPH AT	DI113A	0.	.00	0.	0.	0.	1.70
+	ROUTED TO	R106	0.	.00	0.	0.	0.	1.70
+	HYDROGRAPH AT	105	334.	12.25	38.	11.	5.	.21
+	ROUTED TO	R105	296.	12.42	38.	11.	5.	.21
+	HYDROGRAPH AT	112	846.	12.25	99.	29.	14.	.63
+	DIVERSION TO	112RET	846.	12.25	83.	22.	11.	.63
+	HYDROGRAPH AT	112OUT	241.	12.67	23.	7.	3.	.63
+	2 COMBINED AT	CP112	412.	12.67	58.	18.	9.	.82
+	DIVERSION TO	DI120	137.	12.67	19.	6.	3.	.82
+	HYDROGRAPH AT	1D112	275.	12.67	39.	12.	6.	.82
+	DIVERSION TO	1D121A	137.	12.67	19.	6.	3.	.82
+	HYDROGRAPH AT	2D112	138.	12.67	19.	6.	3.	.82
+	ROUTED TO	R112	91.	13.17	19.	6.	3.	.82
+	HYDROGRAPH AT	113A	772.	12.25	92.	27.	13.	.50

	DIVERSION TO							
+		113AR	772.	12.25	77.	21.	10.	.50
	HYDROGRAPH AT							
+		113AT	197.	12.58	22.	7.	3.	.50
	HYDROGRAPH AT							
+		DR113A	407.	12.92	45.	13.	6.	1.70
	3 COMBINED AT							
+		!LP0	519.	12.92	83.	25.	12.	3.04
	DIVERSION TO							
+		2D121A	519.	12.92	83.	25.	12.	3.04
	HYDROGRAPH AT							
+		D113A	0.	.00	0.	0.	0.	3.04
	ROUTED TO							
+		R113A	0.	.00	0.	0.	0.	3.04
	HYDROGRAPH AT							
+		114	2117.	12.75	423.	125.	60.	2.47
	DIVERSION TO							
+		114RET	2117.	12.75	365.	97.	47.	2.47
	HYDROGRAPH AT							
+		114OUT	600.	13.42	92.	28.	13.	2.47
	3 COMBINED AT							
+		CP114	586.	13.42	88.	27.	13.	5.26
	DIVERSION TO							
+		DI122B	369.	13.42	27.	7.	3.	5.26
	HYDROGRAPH AT							
+		D114	217.	13.42	61.	20.	10.	5.26
	ROUTED TO							
+		R114	160.	14.00	60.	20.	10.	5.26
	HYDROGRAPH AT							
+		115	2122.	12.67	408.	121.	58.	2.40
	DIVERSION TO							
+		115RET	2122.	12.67	369.	99.	47.	2.40
	HYDROGRAPH AT							
+		115OUT	376.	13.58	71.	23.	11.	2.40
	2 COMBINED AT							
+		CP115	381.	13.58	126.	42.	20.	7.59
	ROUTED TO							
+		R115	289.	14.33	122.	42.	20.	7.59
	HYDROGRAPH AT							
+		122A	790.	12.25	109.	35.	17.	.51
	DIVERSION TO							
+		122ART	790.	12.25	80.	22.	11.	.51
	HYDROGRAPH AT							
+		122AOT	454.	12.50	42.	13.	6.	.51
	2 COMBINED AT							
+		1I122A	444.	12.50	150.	53.	26.	8.33
	HYDROGRAPH AT							
+		DI14	369.	13.42	27.	7.	3.	5.26
	ROUTED TO							
+		R114	220.	13.92	27.	7.	3.	5.26
	HYDROGRAPH AT							
+		122B	581.	12.25	72.	21.	10.	.38
	DIVERSION TO							
+		122BRT	581.	12.25	48.	13.	6.	.38

+	HYDROGRAPH AT	122BOT	406.	12.42	30.	9.	4.	.38
+	2 COMBINED AT	CP122B	366.	12.42	56.	15.	7.	5.66
+	ROUTED TO	R122B	293.	12.58	56.	15.	7.	5.66
+	2 COMBINED AT	!RM1	720.	12.50	203.	68.	33.	8.48
+	ROUTED TO	1R122A	473.	14.25	200.	68.	33.	8.48
+	ROUTED TO	2R122A	467.	14.50	197.	68.	33.	8.48
+	HYDROGRAPH AT	111	482.	12.08	45.	13.	6.	.26
+	DIVERSION TO	111RET	374.	12.00	23.	6.	3.	.26
+	HYDROGRAPH AT	111OUT	477.	12.17	25.	7.	3.	.26
+	ROUTED TO	R111	271.	12.42	25.	7.	3.	.26
+	HYDROGRAPH AT	104	241.	12.25	28.	9.	4.	.15
+	DIVERSION TO	104R	241.	12.25	23.	6.	3.	.15
+	HYDROGRAPH AT	104T	78.	12.50	8.	2.	1.	.15
+	ROUTED TO	R104	18.	17.08	8.	2.	1.	.15
+	HYDROGRAPH AT	111A	893.	12.25	106.	32.	15.	.61
+	DIVERSION TO	111ART	893.	12.25	103.	28.	13.	.61
+	HYDROGRAPH AT	111AOT	19.	12.92	9.	3.	2.	.61
+	3 COMBINED AT	CP111A	271.	12.42	39.	13.	6.	.97
+	ROUTED TO	R111A	111.	13.92	32.	12.	6.	.97
+	HYDROGRAPH AT	119	516.	13.17	133.	38.	19.	.86
+	DIVERSION TO	119RT	477.	13.08	68.	18.	9.	.86
+	HYDROGRAPH AT	119OUT	490.	13.25	75.	20.	10.	.86
+	DIVERSION TO	DI128	286.	13.25	44.	12.	6.	.86
+	HYDROGRAPH AT	D119	204.	13.25	31.	8.	4.	.86
+	ROUTED TO	R119	135.	14.00	30.	8.	4.	.86
+	HYDROGRAPH AT	119A	292.	13.17	80.	24.	11.	.47
+	DIVERSION TO	119AR	292.	13.17	57.	15.	7.	.47

+	HYDROGRAPH AT	119AT	183.	13.67	30.	9.	4.	.47
+	2 COMBINED AT	CP119A	268.	13.83	59.	17.	8.	1.26
+	DIVERSION TO	DI130	0.	.00	0.	0.	0.	1.26
+	HYDROGRAPH AT	D119A	268.	13.83	59.	17.	8.	1.26
+	ROUTED TO	R119A	254.	14.08	58.	17.	8.	1.26
+	HYDROGRAPH AT	120	371.	13.25	105.	31.	15.	.54
+	DIVERSION TO	120RT	371.	13.25	65.	18.	8.	.54
+	HYDROGRAPH AT	120OUT	281.	13.58	48.	13.	6.	.54
+	3 COMBINED AT	1I120	529.	14.00	133.	41.	20.	2.88
+	HYDROGRAPH AT	1D112	137.	12.67	19.	6.	3.	.82
+	ROUTED TO	R112	89.	13.25	19.	6.	3.	.82
+	2 COMBINED AT	CP120	562.	14.00	147.	47.	22.	3.58
+	ROUTED TO	R120	527.	14.33	146.	47.	22.	3.58
+	HYDROGRAPH AT	D119	286.	13.25	44.	12.	6.	.86
+	ROUTED TO	R119	216.	13.67	43.	12.	6.	.86
+	HYDROGRAPH AT	128	310.	12.92	73.	23.	11.	.41
+	DIVERSION TO	128R	310.	12.92	61.	17.	8.	.41
+	HYDROGRAPH AT	128T	107.	13.58	20.	6.	3.	.41
+	2 COMBINED AT	CP128	315.	13.67	62.	18.	8.	1.27
+	ROUTED TO	R128	186.	16.33	61.	18.	8.	1.27
+	HYDROGRAPH AT	D119A	0.	.00	0.	0.	0.	1.26
+	ROUTED TO	R119A	0.	.00	0.	0.	0.	1.26
+	HYDROGRAPH AT	130	581.	13.25	172.	51.	25.	1.00
+	DIVERSION TO	130R	581.	13.25	113.	31.	15.	1.00
+	HYDROGRAPH AT	130T	404.	13.67	74.	21.	10.	1.00
+	3 COMBINED AT	1I130	396.	13.75	127.	37.	18.	3.77
+	HYDROGRAPH AT	129	343.	12.67	55.	14.	7.	.43

+	ROUTED TO	R129	278.	13.33	55.	14.	7.	.43
+	3 COMBINED AT	CP130	845.	14.17	314.	97.	47.	5.37
+	DIVERSION TO	DI144	259.	14.17	35.	9.	4.	5.37
+	HYDROGRAPH AT	D130	586.	14.17	279.	88.	43.	5.37
+	ROUTED TO	R130	580.	14.42	277.	88.	43.	5.37
+	HYDROGRAPH AT	131A	316.	13.08	69.	17.	8.	.49
+	2 COMBINED AT	CP131A	615.	14.33	326.	105.	51.	5.87
+	DIVERSION TO	DI145A	615.	14.33	326.	105.	51.	5.87
+	HYDROGRAPH AT	DC131A	0.	.00	0.	0.	0.	5.87
+	ROUTED TO	R131A	0.	.00	0.	0.	0.	5.87
+	HYDROGRAPH AT	131	317.	13.08	69.	17.	8.	.49
+	2 COMBINED AT	1I131	309.	13.08	67.	17.	8.	9.57
+	HYDROGRAPH AT	2D112	137.	12.67	19.	6.	3.	.82
+	ROUTED TO	R112	93.	13.08	19.	6.	3.	.82
+	HYDROGRAPH AT	121A	401.	12.92	93.	28.	13.	.50
+	DIVERSION TO	121AR	401.	12.92	69.	19.	9.	.50
+	HYDROGRAPH AT	121AT	240.	13.33	33.	9.	5.	.50
+	2 COMBINED AT	1I121A	314.	13.33	50.	15.	7.	1.34
+	HYDROGRAPH AT	D113A	519.	12.92	83.	25.	12.	3.04
+	ROUTED TO	RLPO	442.	13.00	82.	25.	12.	3.04
+	2 COMBINED AT	!LP	582.	13.33	131.	40.	19.	3.54
+	DIVERSION TO	DI131A	582.	13.33	131.	40.	19.	3.54
+	HYDROGRAPH AT	DC121A	0.	.00	0.	0.	0.	3.54
+	ROUTED TO	R121A	0.	.00	0.	0.	0.	3.54
+	HYDROGRAPH AT	121	391.	12.92	88.	26.	12.	.50
+	DIVERSION TO	121R	391.	12.92	58.	16.	8.	.50
+	HYDROGRAPH AT	121T	282.	13.17	36.	10.	5.	.50

+	2 COMBINED AT	CP121	274.	13.17	35.	10.	5.	4.03
+	ROUTED TO	R121	138.	14.17	34.	10.	5.	4.03
+	2 COMBINED AT	CP131	309.	13.08	97.	26.	13.	10.47
+	DIVERSION TO	DI145	244.	13.08	73.	19.	9.	10.47
+	HYDROGRAPH AT	D131	64.	13.08	24.	7.	3.	10.47
+	ROUTED TO	R131	57.	13.42	24.	7.	3.	10.47
+	HYDROGRAPH AT	132	264.	13.00	68.	21.	10.	.41
+	DIVERSION TO	132R	264.	13.00	59.	16.	8.	.41
+	HYDROGRAPH AT	132T	70.	14.00	16.	5.	2.	.41
+	2 COMBINED AT	CP132	113.	14.00	37.	11.	5.	9.97
+	ROUTED TO	R132	87.	14.67	37.	11.	5.	9.97
+	HYDROGRAPH AT	133	371.	12.83	81.	24.	12.	.50
+	DIVERSION TO	133RET	371.	12.83	59.	16.	8.	.50
+	HYDROGRAPH AT	133OUT	225.	13.25	29.	8.	4.	.50
+	2 COMBINED AT	1I133	214.	13.25	62.	19.	9.	11.37
+	2 COMBINED AT	!RM2	573.	14.50	259.	87.	42.	9.99
+	DIVERSION TO	DI146	573.	14.50	259.	87.	42.	9.99
+	HYDROGRAPH AT	1D133	0.	.00	0.	0.	0.	9.99
+	DIVERSION TO	1D147	0.	.00	0.	0.	0.	9.99
+	HYDROGRAPH AT	2D133	0.	.00	0.	0.	0.	9.99
+	ROUTED TO	R133	0.	.00	0.	0.	0.	9.99
+	HYDROGRAPH AT	134	329.	13.08	87.	27.	13.	.50
+	DIVERSION TO	134R	329.	13.08	63.	17.	8.	.50
+	HYDROGRAPH AT	134T	198.	13.58	34.	10.	5.	.50
+	HYDROGRAPH AT	D123	0.	.00	0.	0.	0.	.44
+	ROUTED TO	R123	0.	.00	0.	0.	0.	.44
+	3 COMBINED AT	CP134	246.	13.58	34.	10.	5.	16.87

	DIVERSION TO							
+		2D147	57.	13.75	6.	2.	1.	16.87
	HYDROGRAPH AT							
+		D134	94.	13.75	22.	7.	3.	16.87
	ROUTED TO							
+		R134	70.	14.08	22.	7.	3.	16.87
	HYDROGRAPH AT							
+		1D124	81.	13.58	10.	3.	1.	1.65
	ROUTED TO							
+		R124	55.	14.58	10.	3.	1.	1.65
	HYDROGRAPH AT							
+		135	452.	12.67	90.	28.	13.	.49
	DIVERSION TO							
+		135RET	452.	12.67	73.	20.	10.	.49
	HYDROGRAPH AT							
+		135OUT	175.	13.25	26.	8.	4.	.49
	3 COMBINED AT							
+		CP135	109.	13.25	49.	15.	7.	17.92
	DIVERSION TO							
+		DI148	2.	13.25	0.	0.	0.	17.92
	HYDROGRAPH AT							
+		D135	109.	14.42	49.	15.	7.	17.92
	ROUTED TO							
+		R135	106.	14.75	48.	15.	7.	17.92
	HYDROGRAPH AT							
+		2D124	222.	13.58	49.	13.	6.	1.65
	ROUTED TO							
+		R124	135.	16.08	42.	13.	6.	1.65
	HYDROGRAPH AT							
+		136	326.	13.08	87.	27.	13.	.46
	DIVERSION TO							
+		136R	326.	13.08	64.	17.	8.	.46
	HYDROGRAPH AT							
+		136T	196.	13.58	32.	9.	5.	.46
	2 COMBINED AT							
+		1I136	195.	13.58	68.	23.	11.	1.03
	2 COMBINED AT							
+		CP136	193.	13.83	107.	35.	17.	18.33
	ROUTED TO							
+		R136	160.	14.58	104.	35.	17.	18.33
	HYDROGRAPH AT							
+		1D125	334.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	258.	13.08	72.	21.	10.	3.66
	HYDROGRAPH AT							
+		137	295.	13.42	96.	29.	14.	.54
	DIVERSION TO							
+		137R	295.	13.42	68.	19.	9.	.54
	HYDROGRAPH AT							
+		137T	183.	14.00	37.	11.	5.	.54
	3 COMBINED AT							
+		CP137	431.	14.25	213.	71.	34.	5.58
	DIVERSION TO							
+		DI149	143.	14.25	71.	23.	11.	5.58

	HYDROGRAPH AT							
+		1D137	287.	14.25	142.	47.	23.	5.58
	DIVERSION TO							
+		DI153	143.	14.25	71.	23.	11.	5.58
	HYDROGRAPH AT							
+		2D137	144.	14.25	71.	24.	11.	5.58
	ROUTED TO							
+		R137	133.	14.50	70.	24.	11.	5.58
	HYDROGRAPH AT							
+		2D125	334.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	132.	15.33	60.	21.	10.	3.66
	HYDROGRAPH AT							
+		138	386.	13.00	97.	30.	14.	.54
	DIVERSION TO							
+		138R	386.	13.00	82.	22.	11.	.54
	HYDROGRAPH AT							
+		138T	131.	13.83	25.	8.	4.	.54
	2 COMBINED AT							
+		1I138	129.	15.50	63.	24.	12.	22.08
	2 COMBINED AT							
+		CP138	253.	15.33	143.	52.	25.	6.12
	DIVERSION TO							
+		2D153	0.	.00	0.	0.	0.	6.12
	HYDROGRAPH AT							
+		DRR1	253.	15.33	143.	52.	25.	6.12
	ROUTED TO							
+		R138	233.	15.50	143.	52.	25.	6.12
	HYDROGRAPH AT							
+		138A	727.	12.17	84.	26.	12.	.46
	DIVERSION TO							
+		138AR	727.	12.17	75.	20.	10.	.46
	HYDROGRAPH AT							
+		138AT	69.	12.75	17.	5.	3.	.46
	2 COMBINED AT							
+		1I138A	243.	15.50	153.	57.	27.	6.05
	2 COMBINED AT							
+		2I138A	201.	15.67	123.	48.	23.	24.81
	HYDROGRAPH AT							
+		2D137	143.	14.25	71.	23.	11.	5.58
	ROUTED TO							
+		R137	141.	14.50	70.	23.	11.	5.58
	HYDROGRAPH AT							
+		153	137.	13.33	46.	15.	7.	.31
	DIVERSION TO							
+		153RET	137.	13.33	45.	13.	6.	.31
	HYDROGRAPH AT							
+		153OUT	8.	15.33	5.	2.	1.	.31
	HYDROGRAPH AT							
+		DRR1	0.	.00	0.	0.	0.	6.12
	ROUTED TO							
+		RRR1	0.	.00	0.	0.	0.	6.12
	3 COMBINED AT							
+		!RR2	143.	14.50	72.	25.	12.	21.92

	DIVERSION TO							
+		3D152	101.	14.75	60.	22.	10.	21.92
	HYDROGRAPH AT							
+		DRRR2	0.	.00	0.	0.	0.	21.92
	2 COMBINED AT							
+		CP138A	203.	15.58	125.	48.	23.	23.68
	DIVERSION TO							
+		DI154	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		D138A	203.	15.58	125.	48.	23.	23.68
	ROUTED TO							
+		R138A	186.	16.75	123.	48.	23.	23.68
	HYDROGRAPH AT							
+		D138A	0.	.00	0.	0.	0.	23.68
	ROUTED TO							
+		RLLE	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		154	174.	12.58	28.	7.	3.	.17
	2 COMBINED AT							
+		LLE1	173.	12.58	27.	7.	3.	.33
	ROUTED TO							
+		RLLE1	153.	12.92	27.	7.	3.	.33
	HYDROGRAPH AT							
+		157	734.	12.83	162.	50.	24.	.89
	DIVERSION TO							
+		157R	734.	12.83	131.	35.	17.	.89
	HYDROGRAPH AT							
+		157T	329.	13.42	48.	14.	7.	.89
	2 COMBINED AT							
+		1I157	213.	13.42	57.	17.	8.	25.08
	2 COMBINED AT							
+		2I157	213.	13.42	142.	64.	31.	25.08
	HYDROGRAPH AT							
+		127	461.	12.08	45.	14.	7.	.22
	ROUTED TO							
+		R127	255.	13.33	45.	14.	7.	.22
	HYDROGRAPH AT							
+		139	718.	12.25	88.	27.	13.	.47
	DIVERSION TO							
+		139R	718.	12.25	66.	18.	9.	.47
	HYDROGRAPH AT							
+		139T	378.	12.50	31.	9.	4.	.47
	2 COMBINED AT							
+		1I139	383.	12.50	75.	22.	11.	.69
	HYDROGRAPH AT							
+		D126	840.	12.83	151.	46.	22.	4.75
	ROUTED TO							
+		RLE	540.	13.00	148.	46.	22.	4.75
	2 COMBINED AT							
+		2I139	657.	13.33	218.	67.	32.	7.04
	HYDROGRAPH AT							
+		140	192.	12.67	41.	14.	7.	.18
	DIVERSION TO							
+		140R	189.	12.58	25.	7.	3.	.18

+	HYDROGRAPH AT	140T	154.	12.83	22.	7.	3.	.18
+	2 COMBINED AT	!LE1	751.	13.00	250.	76.	37.	.88
+	ROUTED TO	RLE1	725.	13.33	248.	76.	37.	.88
+	HYDROGRAPH AT	156	272.	12.75	62.	20.	10.	.30
+	DIVERSION TO	156R	272.	12.75	46.	13.	6.	.30
+	HYDROGRAPH AT	156T	149.	13.25	24.	7.	3.	.30
+	2 COMBINED AT	!LE2	859.	13.25	268.	83.	40.	1.18
+	ROUTED TO	RLE2	818.	13.50	264.	83.	40.	1.18
+	2 COMBINED AT	!LE3	1198.	13.42	455.	160.	78.	1.65
+	ROUTED TO	RLE3	1108.	13.58	453.	160.	78.	1.65
+	HYDROGRAPH AT	172	109.	12.58	17.	5.	2.	.12
+	DIVERSION TO	172R	66.	12.25	5.	1.	1.	.12
+	HYDROGRAPH AT	172T	109.	12.58	13.	3.	2.	.12
+	2 COMBINED AT	!LE4	1115.	13.58	457.	163.	79.	1.77
+	ROUTED TO	SRLECH	1118.	13.58	456.	162.	79.	1.77
+	DIVERSION TO	EM-CLV	42.	13.58	33.	25.	13.	1.77
+	HYDROGRAPH AT	D10X3	1076.	13.58	423.	137.	66.	1.77
+	ROUTED TO	SRLE4	692.	14.08	401.	129.	62.	1.77
+	HYDROGRAPH AT	DI10X3	42.	13.58	33.	25.	13.	1.77
+	2 COMBINED AT	2LE4	730.	14.08	434.	154.	75.	1.77
+	ROUTED TO	RLE4	710.	14.33	428.	154.	75.	1.77
+	HYDROGRAPH AT	173	170.	13.00	35.	9.	5.	.31
+	DIVERSION TO	173R	132.	12.75	14.	4.	2.	.31
+	HYDROGRAPH AT	173T	170.	13.00	23.	6.	3.	.31
+	2 COMBINED AT	!LE5	723.	14.33	434.	159.	78.	2.08
+	HYDROGRAPH AT	156A	501.	12.17	46.	13.	6.	.31
+	ROUTED TO	R156A	178.	14.17	45.	13.	6.	.31

+	HYDROGRAPH AT	158	1158.	12.33	143.	43.	21.	.97
+	DIVERSION TO	158RET	1158.	12.33	116.	31.	15.	.97
+	HYDROGRAPH AT	158OUT	382.	12.67	39.	12.	6.	.97
+	2 COMBINED AT	CP158	384.	12.67	80.	25.	12.	1.28
+	ROUTED TO	R158	159.	14.92	77.	25.	12.	1.28
+	HYDROGRAPH AT	173B	143.	12.83	31.	10.	5.	.20
+	DIVERSION TO	173R	143.	12.83	22.	6.	3.	.20
+	HYDROGRAPH AT	173T	83.	13.17	12.	4.	2.	.20
+	2 COMBINED AT	CP173B	228.	13.25	88.	28.	14.	1.48
+	2 COMBINED AT	AFR2E	717.	14.67	432.	163.	80.	30.12
+	ROUTED TO	RR173	636.	14.83	387.	150.	73.	30.12
+	HYDROGRAPH AT	171	372.	13.42	115.	34.	16.	.70
+	DIVERSION TO	171R	372.	13.42	85.	23.	11.	.70
+	HYDROGRAPH AT	171T	205.	14.17	39.	11.	5.	.70
+	ROUTED TO	R171	161.	14.58	38.	11.	5.	.70
+	HYDROGRAPH AT	173A	164.	12.75	34.	11.	5.	.20
+	DIVERSION TO	173R	164.	12.75	26.	7.	3.	.20
+	HYDROGRAPH AT	173T	89.	13.17	12.	4.	2.	.20
+	2 COMBINED AT	CP173A	169.	14.58	48.	14.	7.	.90
+	2 COMBINED AT	AFR2F1	731.	14.83	416.	160.	78.	31.02
+	ROUTED TO	RR173A	640.	15.67	411.	160.	78.	31.02
+	HYDROGRAPH AT	186	180.	13.25	46.	11.	6.	.33
+	ROUTED TO	R186	166.	13.67	46.	11.	6.	.33
+	HYDROGRAPH AT	187	80.	12.00	5.	2.	1.	.35
+	2 COMBINED AT	CP187	166.	13.67	51.	13.	6.	.68
+	2 COMBINED AT	AFR2F2	658.	15.67	424.	170.	84.	31.70
+	ROUTED TO	RR187	609.	16.42	421.	170.	83.	31.70

+	HYDROGRAPH AT	199	71.	13.08	15.	4.	2.	.11
+	ROUTED TO	R199	62.	13.67	15.	4.	2.	.11
+	HYDROGRAPH AT	200	216.	12.67	34.	9.	4.	.29
+	2 COMBINED AT	CP200	216.	12.67	49.	12.	6.	.40
+	2 COMBINED AT	AFR2F3	613.	16.42	424.	180.	89.	32.10
+	ROUTED TO	RR200	597.	16.83	422.	180.	89.	32.10
+	HYDROGRAPH AT	141	484.	12.33	50.	12.	6.	.47
+	ROUTED TO	R141	478.	12.42	50.	12.	6.	.47
+	HYDROGRAPH AT	141A	214.	12.17	16.	4.	2.	.15
+	2 COMBINED AT	CP141A	571.	12.33	65.	16.	8.	.62
+	ROUTED TO	R141A	533.	12.50	65.	16.	8.	.62
+	HYDROGRAPH AT	142	305.	13.00	63.	16.	8.	.51
+	2 COMBINED AT	CP142	690.	12.50	127.	32.	15.	1.13
+	ROUTED TO	R142	645.	12.92	127.	32.	15.	1.13
+	HYDROGRAPH AT	143	294.	13.00	69.	20.	10.	.50
+	DIVERSION TO	143R	294.	13.00	40.	11.	5.	.50
+	HYDROGRAPH AT	143T	234.	13.25	34.	9.	4.	.50
+	2 COMBINED AT	CP143	730.	13.25	160.	41.	20.	1.63
+	ROUTED TO	R143	695.	13.33	159.	41.	20.	1.63
+	HYDROGRAPH AT	D130	259.	14.17	35.	9.	4.	5.37
+	ROUTED TO	R130	208.	14.75	35.	9.	4.	5.37
+	HYDROGRAPH AT	144	328.	13.00	69.	17.	8.	.51
+	2 COMBINED AT	1I144	321.	13.00	102.	25.	12.	6.05
+	2 COMBINED AT	CP144	916.	13.08	256.	65.	31.	7.68
+	DIVERSION TO	DI164A	60.	13.08	8.	2.	1.	7.68
+	HYDROGRAPH AT	D144	856.	13.08	248.	63.	30.	7.68
+	ROUTED TO	R144	845.	13.33	248.	63.	30.	7.68

	HYDROGRAPH AT							
+		145A	287.	13.08	63.	16.	8.	.49
	2 COMBINED AT							
+		CP145A	1066.	13.25	308.	78.	38.	8.17
	DIVERSION TO							
+		2D164A	1066.	13.25	308.	78.	38.	8.17
	HYDROGRAPH AT							
+		DC145A	0.	.00	0.	0.	0.	8.17
	ROUTED TO							
+		R145A	0.	.00	0.	0.	0.	8.17
	HYDROGRAPH AT							
+		D131	244.	13.08	73.	19.	9.	10.47
	ROUTED TO							
+		R131	195.	13.83	71.	19.	9.	10.47
	HYDROGRAPH AT							
+		145	297.	13.08	64.	16.	8.	.48
	2 COMBINED AT							
+		1I145	324.	13.58	132.	35.	17.	9.00
	2 COMBINED AT							
+		CP145	319.	13.67	130.	35.	17.	11.63
	DIVERSION TO							
+		DI164	13.	13.67	2.	1.	0.	11.63
	HYDROGRAPH AT							
+		1D145	306.	13.67	128.	34.	16.	11.63
	DIVERSION TO							
+		DI165	44.	13.67	7.	2.	1.	11.63
	HYDROGRAPH AT							
+		2D145	262.	13.67	121.	32.	16.	11.63
	ROUTED TO							
+		R145B	260.	13.75	121.	32.	16.	11.63
	DIVERSION TO							
+		DI165B	123.	13.75	36.	9.	4.	11.63
	HYDROGRAPH AT							
+		3D145	138.	13.75	85.	23.	11.	11.63
	ROUTED TO							
+		R145C	137.	13.92	85.	23.	11.	11.63
	DIVERSION TO							
+		DI165C	52.	13.92	24.	6.	3.	11.63
	HYDROGRAPH AT							
+		4D145	86.	13.83	61.	17.	8.	11.63
	ROUTED TO							
+		R145D	86.	13.83	61.	17.	8.	11.63
	HYDROGRAPH AT							
+		1D133	573.	14.50	259.	87.	42.	9.99
	ROUTED TO							
+		RRM2	534.	14.92	253.	87.	42.	9.99
	HYDROGRAPH AT							
+		146	523.	13.17	124.	31.	15.	.90
	2 COMBINED AT							
+		1I146	675.	13.50	319.	108.	52.	15.02
	2 COMBINED AT							
+		!RM3	811.	13.50	402.	131.	63.	11.37
	DIVERSION TO							
+		1D166	0.	.00	0.	0.	0.	11.37

+	HYDROGRAPH AT	D146	811.	13.50	402.	131.	63.	11.37
+	ROUTED TO	RRM3A	748.	13.67	396.	131.	63.	11.37
+	HYDROGRAPH AT	4D145	52.	13.92	24.	6.	3.	11.63
+	ROUTED TO	R145E	51.	14.42	24.	6.	3.	11.63
+	2 COMBINED AT	1D165	747.	13.75	396.	131.	63.	18.49
+	DIVERSION TO	DIRB1	0.	.00	0.	0.	0.	18.49
+	HYDROGRAPH AT	D146B	718.	13.75	377.	126.	61.	18.49
+	ROUTED TO	RRM3B	716.	13.75	377.	126.	61.	18.49
+	HYDROGRAPH AT	3D145	123.	13.75	36.	9.	4.	11.63
+	ROUTED TO	R145F	109.	14.92	36.	9.	4.	11.63
+	2 COMBINED AT	2D165	716.	13.75	409.	135.	65.	18.50
+	DIVERSION TO	DIRB2	0.	.00	0.	0.	0.	18.50
+	HYDROGRAPH AT	D146C	716.	13.75	409.	135.	65.	18.50
+	ROUTED TO	RRM3C	698.	14.00	407.	135.	65.	18.50
+	HYDROGRAPH AT	159	608.	12.33	61.	15.	7.	.58
+	ROUTED TO	R159	594.	12.42	61.	15.	7.	.58
+	HYDROGRAPH AT	160	409.	12.42	44.	11.	5.	.39
+	2 COMBINED AT	CP160	996.	12.42	105.	26.	13.	.97
+	ROUTED TO	R160	893.	12.58	105.	26.	13.	.97
+	HYDROGRAPH AT	161	310.	13.00	62.	15.	7.	.50
+	2 COMBINED AT	CP161	1087.	12.58	165.	41.	20.	1.47
+	ROUTED TO	R161	925.	13.08	165.	41.	20.	1.47
+	HYDROGRAPH AT	162	268.	12.50	34.	8.	4.	.25
+	ROUTED TO	R162	198.	13.17	34.	8.	4.	.25
+	HYDROGRAPH AT	163	492.	12.92	99.	25.	12.	.75
+	2 COMBINED AT	1I163	664.	13.00	132.	33.	16.	1.00
+	2 COMBINED AT	CP163	1565.	13.00	295.	74.	35.	2.47

+	DIVERSION TO	DI176A	0.	.00	0.	0.	0.	2.47
+	HYDROGRAPH AT	D163	1565.	13.00	295.	74.	35.	2.47
+	ROUTED TO	R163	1519.	13.17	295.	74.	35.	2.47
+	HYDROGRAPH AT	D144	60.	13.08	8.	2.	1.	7.68
+	ROUTED TO	R144	30.	17.17	8.	2.	1.	7.68
+	HYDROGRAPH AT	164A	309.	13.08	66.	17.	8.	.49
+	2 COMBINED AT	1I164A	302.	13.08	71.	18.	9.	8.17
+	2 COMBINED AT	CP164A	1765.	13.17	360.	90.	44.	10.64
+	DIVERSION TO	DI177A	1765.	13.17	360.	90.	44.	10.64
+	HYDROGRAPH AT	DC164A	0.	.00	0.	0.	0.	10.64
+	ROUTED TO	R164A	0.	.00	0.	0.	0.	10.64
+	HYDROGRAPH AT	164	311.	13.08	72.	20.	10.	.49
+	DIVERSION TO	164R	229.	12.75	26.	7.	3.	.49
+	HYDROGRAPH AT	164T	311.	13.08	50.	13.	6.	.49
+	2 COMBINED AT	1I164	300.	13.08	47.	12.	6.	11.13
+	HYDROGRAPH AT	1D145	13.	13.67	2.	1.	0.	11.63
+	ROUTED TO	R145	10.	14.50	2.	1.	0.	11.63
+	2 COMBINED AT	CP164	300.	13.08	49.	13.	6.	15.08
+	DIVERSION TO	DI177	22.	13.08	4.	1.	0.	15.08
+	HYDROGRAPH AT	D164	272.	13.08	44.	11.	6.	15.08
+	ROUTED TO	R164	174.	14.00	44.	11.	6.	15.08
+	HYDROGRAPH AT	2D145	44.	13.67	7.	2.	1.	11.63
+	ROUTED TO	R145	15.	19.08	7.	2.	1.	11.63
+	HYDROGRAPH AT	165	511.	13.25	142.	42.	20.	.90
+	DIVERSION TO	165R	511.	13.25	92.	25.	12.	.90
+	HYDROGRAPH AT	165T	372.	13.58	61.	17.	8.	.90
+	2 COMBINED AT	1I165	313.	13.58	59.	17.	8.	12.53

+	2 COMBINED AT	2I165	431.	13.83	100.	28.	13.	15.98
+	2 COMBINED AT	!RM4	1136.	13.92	521.	167.	80.	15.67
+	DIVERSION TO	DI180	0.	.00	0.	0.	0.	15.67
+	HYDROGRAPH AT	D165	1136.	13.92	521.	167.	80.	15.67
+	ROUTED TO	RRM4	1136.	13.92	521.	167.	80.	15.67
+	HYDROGRAPH AT	D163	0.	.00	0.	0.	0.	2.47
+	ROUTED TO	R163	0.	.00	0.	0.	0.	2.47
+	HYDROGRAPH AT	176A	293.	13.25	71.	19.	9.	.62
+	2 COMBINED AT	CP176A	288.	13.25	70.	18.	9.	3.09
+	DIVERSION TO	DI191	0.	.00	0.	0.	0.	3.09
+	HYDROGRAPH AT	D176A	288.	13.25	70.	18.	9.	3.09
+	ROUTED TO	R176A	264.	13.50	70.	18.	9.	3.09
+	HYDROGRAPH AT	177A	261.	13.08	57.	15.	7.	.49
+	2 COMBINED AT	CP177A	430.	13.17	125.	33.	16.	3.58
+	DIVERSION TO	DI192A	430.	13.17	125.	33.	16.	3.58
+	HYDROGRAPH AT	DC177A	0.	.00	0.	0.	0.	3.58
+	ROUTED TO	R177A	0.	.00	0.	0.	0.	3.58
+	HYDROGRAPH AT	177	291.	13.08	62.	15.	7.	.49
+	2 COMBINED AT	1I177	286.	13.08	61.	15.	7.	4.07
+	HYDROGRAPH AT	D164	22.	13.08	4.	1.	0.	15.08
+	ROUTED TO	R164	11.	14.83	4.	1.	0.	15.08
+	2 COMBINED AT	CP177	286.	13.08	64.	16.	8.	16.68
+	ROUTED TO	R177	255.	13.25	61.	15.	7.	16.68
+	HYDROGRAPH AT	178	271.	13.08	65.	19.	9.	.44
+	DIVERSION TO	178R	248.	12.92	34.	9.	4.	.44
+	HYDROGRAPH AT	178T	251.	13.17	36.	10.	5.	.44
+	2 COMBINED AT	CP178	465.	13.25	92.	24.	12.	17.12

	ROUTED TO							
+		R178	396.	13.67	92.	24.	12.	17.12
	HYDROGRAPH AT							
+		179	293.	13.08	64.	16.	8.	.46
	2 COMBINED AT							
+		1I179	538.	13.58	151.	39.	19.	17.58
	2 COMBINED AT							
+		!RM5	1573.	13.83	636.	202.	97.	18.17
	DIVERSION TO							
+		DIRM5	1022.	13.83	192.	48.	23.	18.17
	HYDROGRAPH AT							
+		DRM5	642.	14.58	444.	154.	74.	18.17
	HYDROGRAPH AT							
+		DRRM5	1022.	13.83	192.	48.	23.	18.17
	ROUTED TO							
+		SRRM5	41.	16.33	29.	16.	9.	18.17
	2 COMBINED AT							
+		2RM5	654.	14.58	467.	169.	83.	18.17
	DIVERSION TO							
+		DI193	654.	14.58	467.	169.	83.	18.17
	HYDROGRAPH AT							
+		1D179	0.	.00	0.	0.	0.	18.17
	DIVERSION TO							
+		DI194A	0.	.00	0.	0.	0.	18.17
	HYDROGRAPH AT							
+		2D179	0.	.00	0.	0.	0.	18.17
	ROUTED TO							
+		R179	0.	.00	0.	0.	0.	18.17
	HYDROGRAPH AT							
+		180	515.	13.33	136.	34.	16.	.99
	2 COMBINED AT							
+		1I180	477.	13.33	126.	31.	15.	26.33
	HYDROGRAPH AT							
+		2D133	0.	.00	0.	0.	0.	9.99
	ROUTED TO							
+		R133	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		147	336.	13.00	86.	26.	13.	.50
	DIVERSION TO							
+		147R	336.	13.00	67.	18.	9.	.50
	HYDROGRAPH AT							
+		147T	168.	13.67	27.	8.	4.	.50
	2 COMBINED AT							
+		1I147	125.	13.67	23.	7.	3.	14.62
	HYDROGRAPH AT							
+		D134	57.	13.75	6.	2.	1.	16.87
	ROUTED TO							
+		R134	22.	15.33	6.	2.	1.	16.87
	2 COMBINED AT							
+		CP147	117.	13.67	29.	8.	4.	15.92
	DIVERSION TO							
+		2D166	116.	13.67	29.	8.	4.	15.92
	HYDROGRAPH AT							
+		D147	1.	13.67	0.	0.	0.	15.92

	ROUTED TO						
+	R147	0.	14.33	0.	0.	0.	15.92
	HYDROGRAPH AT						
+	148	311.	13.00	75.	22.	10.	.48
	DIVERSION TO						
+	148R	311.	13.00	42.	11.	5.	.48
	HYDROGRAPH AT						
+	148T	256.	13.25	39.	11.	5.	.48
	2 COMBINED AT						
+	1I148	218.	13.33	34.	9.	4.	16.40
	HYDROGRAPH AT						
+	D135	2.	13.25	0.	0.	0.	17.92
	ROUTED TO						
+	R135	0.	14.42	0.	0.	0.	17.92
	2 COMBINED AT						
+	CP148	218.	13.33	34.	9.	4.	17.46
	DIVERSION TO						
+	DI150	33.	13.33	6.	2.	1.	17.46
	HYDROGRAPH AT						
+	D148	185.	13.33	28.	8.	4.	17.46
	ROUTED TO						
+	R148	68.	14.92	27.	8.	4.	17.46
	HYDROGRAPH AT						
+	D147	116.	13.67	29.	8.	4.	15.92
	ROUTED TO						
+	R147	38.	19.42	26.	8.	4.	15.92
	HYDROGRAPH AT						
+	166	507.	13.33	155.	46.	22.	.98
	DIVERSION TO						
+	166R	507.	13.33	104.	28.	14.	.98
	HYDROGRAPH AT						
+	166T	353.	13.83	64.	18.	9.	.98
	HYDROGRAPH AT						
+	D146	0.	.00	0.	0.	0.	11.37
	ROUTED TO						
+	R146	0.	.00	0.	0.	0.	11.37
	2 COMBINED AT						
+	1I166	420.	13.83	65.	18.	9.	19.47
	2 COMBINED AT						
+	2I166	264.	14.08	65.	23.	11.	21.45
	2 COMBINED AT						
+	CP166	278.	14.08	91.	30.	14.	22.45
	DIVERSION TO						
+	DI167	278.	14.08	91.	30.	14.	22.45
	HYDROGRAPH AT						
+	D166	3.	13.83	0.	0.	0.	22.45
	ROUTED TO						
+	R166	0.	15.08	0.	0.	0.	22.45
	HYDROGRAPH AT						
+	D165	0.	.00	0.	0.	0.	15.67
	ROUTED TO						
+	R165	0.	.00	0.	0.	0.	15.67
	2 COMBINED AT						
+	1I180	0.	15.08	0.	0.	0.	30.29

	2 COMBINED AT							
+		CP180	477.	13.33	126.	31.	15.	30.29
	DIVERSION TO							
+		1D195	408.	13.33	109.	27.	13.	30.29
	HYDROGRAPH AT							
+		D180	65.	13.33	16.	4.	2.	30.29
	ROUTED TO							
+		R180	56.	13.92	16.	4.	2.	30.29
	HYDROGRAPH AT							
+		181	258.	12.92	49.	12.	6.	.37
	2 COMBINED AT							
+		CP181	239.	12.92	60.	15.	7.	30.66
	DIVERSION TO							
+		2D195	239.	12.92	60.	15.	7.	30.66
	HYDROGRAPH AT							
+		D181	0.	.00	0.	0.	0.	30.66
	ROUTED TO							
+		R181	0.	.00	0.	0.	0.	30.66
	HYDROGRAPH AT							
+		182	191.	12.75	31.	8.	4.	.24
	2 COMBINED AT							
+		1I182	172.	12.75	28.	7.	3.	30.90
	HYDROGRAPH AT							
+		D148	33.	13.33	6.	2.	1.	17.46
	ROUTED TO							
+		R148	21.	14.33	5.	2.	1.	17.46
	HYDROGRAPH AT							
+		150	188.	12.75	32.	8.	4.	.23
	2 COMBINED AT							
+		CP150	177.	12.75	35.	9.	4.	17.69
	ROUTED TO							
+		R150	153.	13.17	35.	9.	4.	17.69
	HYDROGRAPH AT							
+		151	195.	12.75	40.	12.	6.	.25
	DIVERSION TO							
+		151R	195.	12.75	28.	7.	4.	.25
	HYDROGRAPH AT							
+		151T	132.	13.08	16.	5.	2.	.25
	2 COMBINED AT							
+		1I151	247.	13.25	48.	13.	6.	17.94
	HYDROGRAPH AT							
+		1D137	143.	14.25	71.	23.	11.	5.58
	ROUTED TO							
+		R137	134.	14.67	69.	23.	11.	5.58
	HYDROGRAPH AT							
+		149	293.	13.08	64.	16.	8.	.48
	2 COMBINED AT							
+		CP149	280.	13.08	110.	35.	17.	22.20
	ROUTED TO							
+		R149	259.	13.50	108.	35.	17.	22.20
	2 COMBINED AT							
+		CP151	495.	13.33	172.	53.	25.	7.85
	DIVERSION TO							
+		1D168	158.	13.33	50.	13.	6.	7.85

	HYDROGRAPH AT							
+		1D151	337.	13.33	122.	40.	19.	7.85
	DIVERSION TO							
+		DI152	158.	13.33	50.	13.	6.	7.85
	HYDROGRAPH AT							
+		2D151	179.	13.33	72.	26.	13.	7.85
	ROUTED TO							
+		R151	159.	14.17	69.	26.	13.	7.85
	HYDROGRAPH AT							
+		167	487.	13.33	142.	40.	19.	.97
	DIVERSION TO							
+		167R	487.	13.33	97.	26.	12.	.97
	HYDROGRAPH AT							
+		167T	309.	13.92	53.	15.	7.	.97
	2 COMBINED AT							
+		1I167	379.	14.08	104.	36.	17.	24.63
	HYDROGRAPH AT							
+		D166	278.	14.08	91.	30.	14.	22.45
	ROUTED TO							
+		R166	209.	14.83	86.	30.	14.	22.45
	2 COMBINED AT							
+		CP167	407.	14.67	184.	65.	31.	25.61
	DIVERSION TO							
+		1D183	44.	14.67	8.	2.	1.	25.61
	HYDROGRAPH AT							
+		1D167	363.	14.67	176.	63.	30.	25.61
	DIVERSION TO							
+		2D168	8.	14.67	2.	0.	0.	25.61
	HYDROGRAPH AT							
+		2D167	354.	14.67	174.	63.	30.	25.61
	ROUTED TO							
+		R167	351.	14.92	172.	63.	30.	25.61
	HYDROGRAPH AT							
+		181A	227.	13.17	52.	13.	6.	.39
	2 COMBINED AT							
+		CP181A	363.	14.75	192.	74.	36.	26.00
	DIVERSION TO							
+		2D183	363.	14.75	192.	74.	36.	26.00
	HYDROGRAPH AT							
+		D181A	0.	.00	0.	0.	0.	26.00
	ROUTED TO							
+		R181A	0.	.00	0.	0.	0.	26.00
	2 COMBINED AT							
+		CP182	172.	12.75	28.	7.	3.	38.46
	DIVERSION TO							
+		DI196	86.	12.75	14.	4.	2.	38.46
	HYDROGRAPH AT							
+		D182	83.	12.75	14.	3.	2.	38.46
	ROUTED TO							
+		R182	64.	13.42	14.	3.	2.	38.46
	DIVERSION TO							
+		1DRR6	64.	13.42	14.	3.	2.	38.46
	HYDROGRAPH AT							
+		DR182	0.	.00	0.	0.	0.	38.46

+	HYDROGRAPH AT	DRR2	101.	14.75	60.	22.	10.	21.92
+	ROUTED TO	RRR2	94.	15.00	59.	22.	10.	21.92
+	HYDROGRAPH AT	2D151	158.	13.33	50.	13.	6.	7.85
+	ROUTED TO	R151	146.	13.75	49.	13.	6.	7.85
+	HYDROGRAPH AT	152	215.	12.75	37.	9.	4.	.25
+	3 COMBINED AT	!RR3	231.	13.67	142.	47.	23.	8.61
+	DIVERSION TO	1D169	0.	.00	0.	0.	0.	8.61
+	HYDROGRAPH AT	1D152	231.	13.67	142.	47.	23.	8.61
+	DIVERSION TO	DI155	0.	.00	0.	0.	0.	8.61
+	HYDROGRAPH AT	2D152	231.	13.67	142.	47.	23.	8.61
+	ROUTED TO	RRR3	219.	13.83	141.	47.	23.	8.61
+	HYDROGRAPH AT	1D151	158.	13.33	50.	13.	6.	7.85
+	ROUTED TO	R151	93.	16.25	41.	13.	6.	7.85
+	HYDROGRAPH AT	168A	563.	12.08	60.	19.	9.	.28
+	DIVERSION TO	168R	506.	12.08	35.	10.	5.	.28
+	HYDROGRAPH AT	168T	505.	12.17	32.	9.	4.	.28
+	3 COMBINED AT	!RRW	497.	12.17	192.	69.	33.	8.89
+	ROUTED TO	RRRW	328.	12.33	190.	69.	33.	8.89
+	HYDROGRAPH AT	2D167	8.	14.67	2.	0.	0.	25.61
+	ROUTED TO	R167	8.	15.42	2.	0.	0.	25.61
+	HYDROGRAPH AT	168B	194.	12.75	35.	9.	5.	.23
+	3 COMBINED AT	!RR4	436.	12.33	219.	77.	37.	11.07
+	DIVERSION TO	2D169	0.	.00	0.	0.	0.	11.07
+	HYDROGRAPH AT	D168	436.	12.33	219.	77.	37.	11.07
+	ROUTED TO	RRR4	353.	12.92	214.	77.	37.	11.07
+	HYDROGRAPH AT	1D167	44.	14.67	8.	2.	1.	25.61
+	ROUTED TO	R167	28.	15.50	8.	2.	1.	25.61

+	HYDROGRAPH AT	183	226.	12.42	27.	7.	3.	.21
+	HYDROGRAPH AT	D181A	363.	14.75	192.	74.	36.	26.00
+	4 COMBINED AT	!RR5	622.	14.75	456.	167.	81.	11.67
+	ROUTED TO	SRRR5	439.	16.08	363.	163.	81.	11.67
+	DIVERSION TO	2DRR6	439.	16.08	363.	163.	81.	11.67
+	HYDROGRAPH AT	DRR6	0.	.00	0.	0.	0.	11.67
+	ROUTED TO	R183	0.	.00	0.	0.	0.	11.67
+	HYDROGRAPH AT	184B	290.	13.17	69.	17.	8.	.51
+	2 COMBINED AT	1I184	266.	13.17	63.	16.	8.	27.86
+	2 COMBINED AT	2I184	260.	13.17	61.	15.	7.	40.32
+	HYDROGRAPH AT	D152	0.	.00	0.	0.	0.	8.61
+	ROUTED TO	R152	0.	.00	0.	0.	0.	8.61
+	HYDROGRAPH AT	155	255.	12.75	51.	13.	6.	.26
+	2 COMBINED AT	CP155	237.	12.75	47.	12.	6.	24.27
+	ROUTED TO	R155	187.	13.92	47.	12.	6.	24.27
+	HYDROGRAPH AT	D152	0.	.00	0.	0.	0.	8.61
+	ROUTED TO	R152	0.	.00	0.	0.	0.	8.61
+	HYDROGRAPH AT	169	384.	13.17	100.	25.	12.	.51
+	2 COMBINED AT	1I169	358.	13.17	92.	23.	11.	24.52
+	2 COMBINED AT	2I169	370.	13.83	138.	35.	17.	25.13
+	HYDROGRAPH AT	D168	0.	.00	0.	0.	0.	11.07
+	ROUTED TO	R168	0.	.00	0.	0.	0.	11.07
+	2 COMBINED AT	CP169	370.	13.83	138.	35.	17.	27.24
+	ROUTED TO	R169	338.	14.42	135.	34.	17.	27.24
+	2 COMBINED AT	CP184	440.	13.75	190.	49.	24.	41.09
+	DIVERSION TO	DI197	176.	13.75	76.	20.	9.	41.09
+	HYDROGRAPH AT	1D184	264.	13.75	114.	29.	14.	41.09

	DIVERSION TO							
+		DI198	176.	13.75	76.	20.	9.	41.09
	HYDROGRAPH AT							
+		2D184	88.	13.75	38.	10.	5.	41.09
	ROUTED TO							
+		R184	85.	14.33	38.	10.	5.	41.09
	HYDROGRAPH AT							
+		170	274.	12.67	47.	13.	6.	.29
	ROUTED TO							
+		R170	211.	13.75	47.	13.	6.	.29
	HYDROGRAPH AT							
+		185	443.	13.08	97.	24.	12.	.69
	2 COMBINED AT							
+		1I185	444.	13.08	143.	37.	18.	.98
	2 COMBINED AT							
+		CP185	424.	13.67	163.	43.	20.	44.55
	ROUTED TO							
+		R185	329.	15.33	148.	43.	20.	44.55
	HYDROGRAPH AT							
+		2D184	176.	13.75	76.	20.	9.	41.09
	ROUTED TO							
+		R184	150.	16.83	63.	20.	9.	41.09
	HYDROGRAPH AT							
+		198	587.	13.08	144.	40.	19.	.90
	DIVERSION TO							
+		198R	386.	12.75	47.	13.	6.	.90
	HYDROGRAPH AT							
+		198T	587.	13.08	105.	28.	13.	.90
	2 COMBINED AT							
+		1I198	525.	13.08	130.	43.	21.	41.97
	2 COMBINED AT							
+		2I198	525.	13.08	269.	86.	41.	42.95
	HYDROGRAPH AT							
+		1D184	176.	13.75	76.	20.	9.	41.09
	ROUTED TO							
+		R184	163.	15.17	75.	20.	9.	41.09
	HYDROGRAPH AT							
+		197B	274.	13.25	68.	17.	8.	.50
	2 COMBINED AT							
+		CP197	244.	13.25	121.	35.	17.	42.06
	ROUTED TO							
+		R197	208.	13.92	117.	35.	17.	42.06
	HYDROGRAPH AT							
+		203	145.	12.25	13.	3.	2.	.11
	DIVERSION TO							
+		203RET	145.	12.25	13.	3.	2.	.11
	HYDROGRAPH AT							
+		203OUT	0.	.00	0.	0.	0.	.11
	2 COMBINED AT							
+		CP203	208.	13.92	117.	35.	17.	42.17
	2 COMBINED AT							
+		CP198	530.	13.08	381.	120.	58.	44.06
	ROUTED TO							
+		R198	477.	13.42	376.	120.	58.	44.06

	HYDROGRAPH AT							
+		204	366.	12.25	31.	8.	4.	.27
	2 COMBINED AT							
+		1I204	477.	13.42	376.	127.	61.	44.33
	HYDROGRAPH AT							
+		174	623.	12.25	73.	22.	11.	.45
	DIVERSION TO							
+		174R	623.	12.25	52.	14.	7.	.45
	HYDROGRAPH AT							
+		174T	362.	12.42	28.	8.	4.	.45
	ROUTED TO							
+		R174	128.	13.33	28.	8.	4.	.45
	HYDROGRAPH AT							
+		175	396.	12.25	49.	15.	7.	.28
	DIVERSION TO							
+		175R	396.	12.25	41.	11.	5.	.28
	HYDROGRAPH AT							
+		175T	108.	12.58	14.	4.	2.	.28
	DIVERSION TO							
+		DI175A	108.	12.58	14.	4.	2.	.28
	HYDROGRAPH AT							
+		D175	0.	.00	0.	0.	0.	.28
	ROUTED TO							
+		R175	0.	.00	0.	0.	0.	.28
	HYDROGRAPH AT							
+		176	698.	12.42	90.	25.	12.	.67
	DIVERSION TO							
+		176R	552.	12.25	40.	11.	5.	.67
	HYDROGRAPH AT							
+		176T	698.	12.42	56.	15.	7.	.67
	2 COMBINED AT							
+		1I176	695.	12.42	55.	15.	7.	.95
	2 COMBINED AT							
+		CP176	693.	12.42	82.	23.	11.	1.40
	ROUTED TO							
+		R176	367.	13.00	80.	23.	11.	1.40
	HYDROGRAPH AT							
+		D175	108.	12.58	14.	4.	2.	.28
	ROUTED TO							
+		R175	67.	12.83	13.	4.	2.	.28
	HYDROGRAPH AT							
+		175A	435.	12.50	57.	15.	7.	.47
	DIVERSION TO							
+		175AR	258.	12.17	15.	4.	2.	.47
	HYDROGRAPH AT							
+		175AT	435.	12.50	44.	11.	5.	.47
	2 COMBINED AT							
+		CP175A	434.	12.50	56.	15.	7.	.75
	ROUTED TO							
+		R175A	418.	12.83	55.	15.	7.	.75
	HYDROGRAPH AT							
+		CP3	0.	.00	0.	0.	0.	4.86
	ROUTED TO							
+		R3	0.	.00	0.	0.	0.	4.86

+	2 COMBINED AT	1I189	418.	12.83	55.	15.	7.	5.81
+	HYDROGRAPH AT	189	514.	12.42	56.	14.	7.	.51
+	2 COMBINED AT	CP189	526.	12.83	106.	28.	14.	6.32
+	ROUTED TO	R189	433.	13.25	105.	28.	14.	6.32
+	HYDROGRAPH AT	!NR1	256.	12.25	21.	5.	3.	.19
+	ROUTED TO	RNR1	166.	12.58	21.	5.	3.	.19
+	HYDROGRAPH AT	190	553.	12.92	118.	33.	16.	.86
+	DIVERSION TO	190R	472.	12.75	56.	15.	7.	.86
+	HYDROGRAPH AT	190T	529.	13.00	69.	18.	9.	.86
+	3 COMBINED AT	!NR2	989.	13.00	194.	52.	25.	2.12
+	ROUTED TO	RNR2	874.	13.33	192.	52.	25.	2.12
+	HYDROGRAPH AT	D176A	0.	.00	0.	0.	0.	3.09
+	ROUTED TO	R176A	0.	.00	0.	0.	0.	3.09
+	3 COMBINED AT	1I191	1094.	13.25	259.	71.	34.	11.58
+	HYDROGRAPH AT	191	517.	13.25	125.	31.	15.	.99
+	2 COMBINED AT	!NR3	1644.	13.25	386.	104.	50.	5.28
+	DIVERSION TO	1D208	0.	.00	0.	0.	0.	5.28
+	HYDROGRAPH AT	D191	1644.	13.25	386.	104.	50.	5.28
+	ROUTED TO	RNR3	1635.	13.33	385.	104.	50.	5.28
+	HYDROGRAPH AT	192A	327.	12.83	61.	16.	8.	.50
+	DIVERSION TO	192ART	146.	12.33	10.	3.	1.	.50
+	HYDROGRAPH AT	192AOT	327.	12.83	52.	13.	6.	.50
+	DIVERSION TO	DLP5	220.	12.83	35.	9.	4.	.50
+	HYDROGRAPH AT	D192A	107.	12.83	17.	4.	2.	.50
+	2 COMBINED AT	!NR4	1684.	13.33	401.	108.	52.	5.78
+	DIVERSION TO	DINR4	1684.	13.33	401.	108.	52.	5.78
+	HYDROGRAPH AT	DNR4	0.	.00	0.	0.	0.	5.78

	HYDROGRAPH AT							
+		D121A	582.	13.33	131.	40.	19.	3.54
	ROUTED TO							
+		RLPUS	521.	13.42	130.	40.	19.	3.54
	HYDROGRAPH AT							
+		DC131A	615.	14.33	326.	105.	51.	5.87
	2 COMBINED AT							
+		!LP1	926.	13.50	452.	144.	70.	5.87
	ROUTED TO							
+		RLP1	903.	13.50	452.	144.	70.	5.87
	HYDROGRAPH AT							
+		DC145A	1066.	13.25	308.	78.	38.	8.17
	2 COMBINED AT							
+		!LP2	1912.	13.50	752.	222.	107.	8.17
	DIVERSION TO							
+		DILP2	1795.	13.50	743.	220.	106.	8.17
	HYDROGRAPH AT							
+		DLP2	117.	13.50	9.	2.	1.	8.17
	HYDROGRAPH AT							
+		DRLP2	1795.	13.50	743.	220.	106.	8.17
	ROUTED TO							
+		SRLP2	183.	18.00	170.	104.	57.	8.17
	2 COMBINED AT							
+		2LP2	176.	18.08	163.	101.	57.	11.22
	ROUTED TO							
+		RLP2	176.	18.25	163.	101.	56.	11.22
	HYDROGRAPH AT							
+		DC164A	1765.	13.17	360.	90.	44.	10.64
	2 COMBINED AT							
+		!LP3	1768.	13.17	444.	190.	100.	10.64
	ROUTED TO							
+		RLP3	1709.	13.25	442.	190.	100.	10.64
	HYDROGRAPH AT							
+		DC177A	430.	13.17	125.	33.	16.	3.58
	2 COMBINED AT							
+		!LP4	2169.	13.25	576.	228.	119.	3.58
	ROUTED TO							
+		RLP4	2145.	13.33	575.	228.	119.	3.58
	HYDROGRAPH AT							
+		D192A	220.	12.83	35.	9.	4.	.50
	2 COMBINED AT							
+		!LP5	2202.	13.33	590.	228.	119.	12.68
	DIVERSION TO							
+		DILP5	2175.	13.33	580.	223.	117.	12.68
	HYDROGRAPH AT							
+		DLP5	0.	.00	0.	0.	0.	12.68
	2 COMBINED AT							
+		1NRLP	0.	.00	0.	0.	0.	21.07
	HYDROGRAPH AT							
+		DRNR4	1684.	13.33	401.	108.	52.	5.78
	HYDROGRAPH AT							
+		DRLP5	2175.	13.33	580.	223.	117.	12.68
	2 COMBINED AT							
+		2NRLP	3597.	13.33	910.	305.	156.	21.07

+	DIVERSION TO	2DILP5	2547.	13.33	601.	186.	94.	21.07
+	HYDROGRAPH AT	2DLP5	1050.	13.33	309.	118.	62.	21.07
+	HYDROGRAPH AT	2DRLP5	2547.	13.33	601.	186.	94.	21.07
+	ROUTED TO	SRLP5	280.	14.83	215.	107.	59.	21.07
+	2 COMBINED AT	2LP5	1059.	13.33	488.	223.	121.	21.07
+	DIVERSION TO	4D209A	1059.	13.33	488.	223.	121.	21.07
+	HYDROGRAPH AT	DC192A	0.	.00	0.	0.	0.	21.07
+	2 COMBINED AT	2NR4	0.	.00	0.	0.	0.	21.07
+	ROUTED TO	RNR4	0.	.00	0.	0.	0.	21.07
+	HYDROGRAPH AT	192	282.	13.08	60.	15.	7.	.50
+	2 COMBINED AT	!NR5	262.	13.08	55.	14.	7.	21.57
+	DIVERSION TO	1D209	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	1D192	262.	13.08	55.	14.	7.	21.57
+	DIVERSION TO	1D210	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	2D192	262.	13.08	55.	14.	7.	21.57
+	ROUTED TO	RNR5	245.	13.17	55.	14.	7.	21.57
+	DIVERSION TO	DI211	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	1D193	245.	13.17	55.	14.	7.	21.57
+	HYDROGRAPH AT	193	502.	13.25	121.	30.	15.	.91
+	DIVERSION TO	DRM6	251.	13.25	60.	15.	7.	.91
+	HYDROGRAPH AT	D193	251.	13.25	60.	15.	7.	.91
+	2 COMBINED AT	!NR6	477.	13.25	111.	28.	13.	22.48
+	DIVERSION TO	NR6RET	477.	13.25	111.	28.	13.	22.48
+	HYDROGRAPH AT	BSNR6	0.	.00	0.	0.	0.	22.48
+	HYDROGRAPH AT	2D179	0.	.00	0.	0.	0.	18.17
+	ROUTED TO	R179	0.	.00	0.	0.	0.	18.17
+	HYDROGRAPH AT	194A	210.	12.75	35.	9.	4.	.25

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          2 COMBINED AT
+                    CP194A     188.   12.75      31.       8.       4.    36.84
          HYDROGRAPH AT
+                      194B     172.   12.75      28.       7.       3.      .25
          HYDROGRAPH AT
+                     1D179     654.   14.58     467.     169.      83.    18.17
          ROUTED TO
+                      RRM5     654.   14.58     467.     169.      83.    18.17
          HYDROGRAPH AT
+                      D193     251.   13.25      60.      15.       7.      .91
          2 COMBINED AT
+                      !RM6     811.   13.50     484.     171.      83.    30.39
          4 COMBINED AT
+                    !!194B     930.   13.33     551.     192.      94.    22.98
          ROUTED TO
+                    !!S194     261.   17.83     252.     181.      94.    22.98
          ROUTED TO
+                     R194B     261.   18.00     252.     181.      94.    22.98
          HYDROGRAPH AT
+                      194C     296.   13.17      68.      17.       8.      .49
          2 COMBINED AT
+                    CP194C     382.   13.17     261.     195.     101.    23.47
          ROUTED TO
+                     R194C     372.   13.33     261.     195.     101.    23.47
          HYDROGRAPH AT
+                      D180     408.   13.33     109.      27.      13.    30.29
          ROUTED TO
+                      R180     284.   15.92      96.      27.      13.    30.29
          HYDROGRAPH AT
+                       195     239.   13.50      67.      17.       8.      .49
          2 COMBINED AT
+                     1I195     289.   15.92     134.      42.      20.    33.41
          HYDROGRAPH AT
+                      D181     239.   12.92      60.      15.       7.    30.66
          ROUTED TO
+                      RRR8     185.   13.17      59.      15.       7.    30.66
          2 COMBINED AT
+                      !RR8     419.   13.42     210.      62.      30.     8.00
          2 COMBINED AT
+                    !!C195     728.   13.42     432.     236.     118.    44.90
          ROUTED TO
+                      R195     710.   13.50     430.     235.     118.    44.90
          HYDROGRAPH AT
+                      D182      86.   12.75      14.       4.       2.    38.46
          ROUTED TO
+                      R182      57.   14.08      14.       4.       2.    38.46
          HYDROGRAPH AT
+                       196     284.   13.00      61.      16.       7.      .47
          2 COMBINED AT
+                     1I196     251.   13.00      68.      17.       8.    38.90
          2 COMBINED AT
+                    !!C196     880.   13.42     490.     256.     130.    37.46
          ROUTED TO
+                      R196     871.   13.58     489.     256.     130.    37.46
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	HYDROGRAPH AT						
+	DRRR6	439.	16.08	363.	163.	81.	11.67
	ROUTED TO						
+	RRR5	438.	16.33	363.	162.	81.	11.67
	HYDROGRAPH AT						
+	DRRR6	64.	13.42	14.	3.	2.	38.46
	HYDROGRAPH AT						
+	184A	220.	12.75	38.	9.	5.	.28
	3 COMBINED AT						
+	!RR6	438.	16.25	365.	174.	87.	12.19
	ROUTED TO						
+	RRR6	435.	16.67	363.	173.	86.	12.19
	HYDROGRAPH AT						
+	197A	288.	13.17	68.	17.	8.	.50
	2 COMBINED AT						
+	!RR7	503.	13.25	392.	188.	94.	12.69
	DIVERSION TO						
+	DIRR7	396.	13.25	303.	135.	65.	12.69
	HYDROGRAPH AT						
+	DRR7	107.	13.25	89.	54.	29.	12.69
	HYDROGRAPH AT						
+	DRRR7	396.	13.25	303.	135.	65.	12.69
	ROUTED TO						
+	SRRR7	325.	17.50	271.	123.	63.	12.69
	2 COMBINED AT						
+	2RR7	418.	17.42	354.	176.	92.	12.69
	ROUTED TO						
+	RRR7	418.	17.58	354.	176.	91.	12.69
	HYDROGRAPH AT						
+	202A	216.	13.25	52.	13.	6.	.38
	3 COMBINED AT						
+	!C202A	1131.	13.50	753.	421.	217.	35.00
	ROUTED TO						
+	R202A	1130.	13.50	753.	421.	217.	35.00
	HYDROGRAPH AT						
+	202B	69.	12.92	14.	3.	2.	.10
	2 COMBINED AT						
+	!C202B	1156.	13.50	756.	421.	217.	37.94
	ROUTED TO						
+	R202	1149.	13.58	752.	420.	216.	37.94
	2 COMBINED AT						
+	CP204	1574.	13.58	1085.	520.	264.	57.76
	ROUTED TO						
+	R204	1572.	13.58	1085.	520.	264.	57.76
	HYDROGRAPH AT						
+	205	112.	12.08	6.	2.	1.	.06
	2 COMBINED AT						
+	!!C205	1572.	13.58	1085.	521.	264.	57.82
	ROUTED TO						
+	R205	1572.	13.67	1084.	521.	264.	57.82
	HYDROGRAPH AT						
+	206	182.	12.17	13.	3.	2.	.12
	2 COMBINED AT						
+	CP206	1572.	13.67	1084.	524.	266.	58.31

+	2 COMBINED AT RCP206	1677.	13.67	1371.	670.	337.	68.69
+	ROUTED TO RR206	1610.	17.17	1356.	668.	337.	68.69
+	HYDROGRAPH AT 228A	129.	12.08	10.	3.	1.	.08
+	2 COMBINED AT AFR2K	1610.	17.17	1356.	670.	338.	68.77
+	ROUTED TO R228A	1521.	18.67	1328.	668.	337.	68.77
+	HYDROGRAPH AT 1D10	0.	.00	0.	0.	0.	10.87
+	HYDROGRAPH AT 2D10	0.	.00	0.	0.	0.	10.87
+	2 COMBINED AT 1I188	0.	.00	0.	0.	0.	11.08
+	ROUTED TO R10	0.	.00	0.	0.	0.	11.08
+	HYDROGRAPH AT 188	256.	12.25	21.	5.	3.	.19
+	2 COMBINED AT CP188	244.	12.25	20.	5.	2.	11.08
+	ROUTED TO R188	196.	12.42	20.	5.	2.	11.08
+	HYDROGRAPH AT 207A	497.	12.42	53.	13.	6.	.50
+	2 COMBINED AT CP207A	671.	12.42	70.	18.	8.	11.58
+	ROUTED TO R207A	642.	12.50	70.	18.	8.	11.58
+	HYDROGRAPH AT 214	196.	12.25	17.	4.	2.	.16
+	2 COMBINED AT CP214	738.	12.42	86.	22.	10.	11.74
+	ROUTED TO R214	699.	12.50	86.	22.	10.	11.74
+	HYDROGRAPH AT 215A	453.	12.42	49.	12.	6.	.45
+	ROUTED TO R215A	436.	12.50	49.	12.	6.	.45
+	HYDROGRAPH AT 215	383.	12.33	40.	10.	5.	.35
+	2 COMBINED AT 1I215	793.	12.42	88.	22.	11.	.80
+	2 COMBINED AT 2I215	1397.	12.42	170.	42.	20.	12.54
+	DIVERSION TO 1DI216	114.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT 3I215	1284.	12.50	166.	42.	20.	12.54
+	DIVERSION TO 2DI216	755.	12.50	91.	23.	11.	12.54
+	HYDROGRAPH AT 4I215	529.	12.50	75.	19.	9.	12.54

+	DIVERSION TO	3DI216	0.	.00	0.	0.	0.	12.54
+	HYDROGRAPH AT	5I215	529.	12.50	75.	19.	9.	12.54
+	DIVERSION TO	4DI216	155.	12.50	19.	5.	2.	12.54
+	HYDROGRAPH AT	CP215	374.	12.50	57.	14.	7.	12.54
+	ROUTED TO	R215	357.	12.67	57.	14.	7.	12.54
+	HYDROGRAPH AT	233	464.	12.42	52.	13.	6.	.50
+	2 COMBINED AT	CP233	713.	12.50	105.	26.	13.	13.04
+	ROUTED TO	R233	620.	12.75	105.	26.	13.	13.04
+	HYDROGRAPH AT	216	321.	12.92	62.	16.	8.	.51
+	DIVERSION TO	1OL216	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1D216I	271.	12.92	40.	10.	5.	.51
+	DIVERSION TO	2OL216	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2D216I	221.	12.92	27.	7.	3.	.51
+	DIVERSION TO	3OL216	50.	12.42	11.	3.	1.	.51
+	HYDROGRAPH AT	3D216I	171.	12.92	16.	4.	2.	.51
+	DIVERSION TO	4OL216	50.	12.58	8.	2.	1.	.51
+	HYDROGRAPH AT	4D216I	121.	12.92	8.	2.	1.	.51
+	DIVERSION TO	5OL216	50.	12.75	5.	1.	1.	.51
+	HYDROGRAPH AT	5D216I	71.	12.92	3.	1.	0.	.51
+	HYDROGRAPH AT	1D215	114.	12.42	3.	1.	0.	12.54
+	DIVERSION TO	3D183	94.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT	1DI186	20.	12.42	1.	0.	0.	12.54
+	2 COMBINED AT	1I216	71.	12.92	4.	1.	0.	13.58
+	DIVERSION TO	1DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	1D216	55.	12.92	3.	1.	0.	13.58
+	HYDROGRAPH AT	1216I	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1DI183	94.	12.42	3.	1.	0.	12.54

	3 COMBINED AT							
+		2I216	158.	12.42	27.	7.	4.	13.58
	DIVERSION TO							
+		4DI83	114.	12.42	19.	5.	3.	13.58
	HYDROGRAPH AT							
+		2DI186	44.	12.42	7.	2.	1.	13.58
	DIVERSION TO							
+		2DI217	0.	.00	0.	0.	0.	13.58
	HYDROGRAPH AT							
+		2D216	44.	12.42	7.	2.	1.	13.58
	HYDROGRAPH AT							
+		2216I	50.	12.25	14.	3.	2.	.51
	HYDROGRAPH AT							
+		2DI183	114.	12.42	19.	5.	3.	13.58
	3 COMBINED AT							
+		3I216	208.	12.42	40.	11.	5.	13.58
	DIVERSION TO							
+		5DI83	85.	12.42	16.	4.	2.	13.58
	HYDROGRAPH AT							
+		3DI186	122.	12.42	24.	6.	3.	13.58
	DIVERSION TO							
+		3DI217	0.	.00	0.	0.	0.	13.58
	HYDROGRAPH AT							
+		3D216	122.	12.42	24.	6.	3.	13.58
	HYDROGRAPH AT							
+		3216I	50.	12.42	11.	3.	1.	.51
	HYDROGRAPH AT							
+		3DI183	85.	12.42	16.	4.	2.	13.58
	3 COMBINED AT							
+		4I216	257.	12.42	51.	13.	6.	13.58
	HYDROGRAPH AT							
+		2D215	755.	12.50	91.	23.	11.	12.54
	2 COMBINED AT							
+		2I216	1010.	12.42	141.	36.	17.	13.58
	HYDROGRAPH AT							
+		3D215	0.	.00	0.	0.	0.	12.54
	2 COMBINED AT							
+		3I216	1010.	12.42	141.	36.	17.	13.58
	DIVERSION TO							
+		4DI217	4.	12.42	0.	0.	0.	13.58
	HYDROGRAPH AT							
+		4D216	1005.	12.42	141.	36.	17.	13.58
	HYDROGRAPH AT							
+		4D215	155.	12.50	19.	5.	2.	12.54
	2 COMBINED AT							
+		5I216	1160.	12.42	160.	41.	20.	13.58
	HYDROGRAPH AT							
+		4216I	50.	12.58	8.	2.	1.	.51
	2 COMBINED AT							
+		6I216	1191.	12.50	167.	42.	20.	13.58
	DIVERSION TO							
+		5DI217	362.	12.50	34.	9.	4.	13.58
	HYDROGRAPH AT							
+		5D216	829.	12.50	133.	34.	16.	13.58

+	HYDROGRAPH AT	5216I	50.	12.75	5.	1.	1.	.51
+	2 COMBINED AT	7I216	829.	12.50	137.	35.	17.	13.58
+	DIVERSION TO	6DI217	266.	12.50	35.	9.	4.	13.58
+	HYDROGRAPH AT	6D216	563.	12.50	102.	26.	13.	13.58
+	ROUTED TO	R216	546.	12.67	102.	26.	13.	13.58
+	HYDROGRAPH AT	234	297.	13.17	80.	24.	12.	.53
+	DIVERSION TO	234R	297.	13.17	55.	15.	7.	.53
+	HYDROGRAPH AT	234T	198.	13.58	32.	9.	4.	.53
+	2 COMBINED AT	1I234	572.	12.67	136.	36.	17.	1.04
+	2 COMBINED AT	CP234	1147.	12.67	232.	60.	29.	14.08
+	DIVERSION TO	1D248	447.	12.67	55.	14.	7.	14.08
+	HYDROGRAPH AT	D234	700.	12.67	178.	47.	22.	14.08
+	ROUTED TO	R234	595.	13.25	177.	47.	22.	14.08
+	HYDROGRAPH AT	207	473.	13.25	117.	31.	15.	1.00
+	DIVERSION TO	2D208	364.	13.25	90.	24.	11.	1.00
+	HYDROGRAPH AT	D207	109.	13.25	27.	7.	3.	1.00
+	ROUTED TO	R207	91.	13.92	27.	7.	3.	1.00
+	HYDROGRAPH AT	217	281.	13.00	61.	16.	8.	.49
+	HYDROGRAPH AT	1D216	0.	.00	0.	0.	0.	13.58
+	2 COMBINED AT	2I216	281.	13.00	61.	16.	8.	12.54
+	HYDROGRAPH AT	2D216	0.	.00	0.	0.	0.	13.58
+	2 COMBINED AT	3I216	281.	13.00	61.	16.	8.	12.54
+	HYDROGRAPH AT	3D216	0.	.00	0.	0.	0.	13.58
+	2 COMBINED AT	4I216	281.	13.00	61.	16.	8.	12.54
+	HYDROGRAPH AT	4D216	4.	12.42	0.	0.	0.	13.58
+	2 COMBINED AT	5I216	281.	13.00	61.	16.	8.	12.54
+	HYDROGRAPH AT	5D216	362.	12.50	34.	9.	4.	13.58

+	2 COMBINED AT	6I216	509.	12.50	92.	24.	11.	12.54
+	HYDROGRAPH AT	6D216	266.	12.50	35.	9.	4.	13.58
+	2 COMBINED AT	7I216	778.	12.50	128.	33.	16.	12.54
+	ROUTED TO	RD216	475.	13.17	127.	33.	16.	12.54
+	2 COMBINED AT	CP217	488.	13.17	151.	39.	19.	14.03
+	DIVERSION TO	DI218	107.	13.17	46.	12.	6.	14.03
+	HYDROGRAPH AT	D217	381.	13.17	105.	27.	13.	14.03
+	ROUTED TO	R217	369.	13.67	105.	27.	13.	14.03
+	HYDROGRAPH AT	235	262.	13.17	72.	22.	11.	.47
+	DIVERSION TO	235R	262.	13.17	72.	22.	10.	.47
+	HYDROGRAPH AT	235T	2.	18.92	2.	0.	0.	.47
+	2 COMBINED AT	1I235	396.	13.67	112.	29.	14.	1.96
+	2 COMBINED AT	CP235	877.	13.50	278.	73.	35.	16.04
+	DIVERSION TO	2D248	456.	13.50	123.	31.	15.	16.04
+	HYDROGRAPH AT	D235	422.	13.50	155.	42.	20.	16.04
+	ROUTED TO	R235	397.	14.00	153.	42.	20.	16.04
+	HYDROGRAPH AT	D191	0.	.00	0.	0.	0.	5.28
+	ROUTED TO	R191	0.	.00	0.	0.	0.	5.28
+	HYDROGRAPH AT	208	492.	13.17	117.	31.	15.	1.00
+	2 COMBINED AT	1I208	471.	13.17	112.	29.	14.	13.18
+	HYDROGRAPH AT	D207	364.	13.25	90.	24.	11.	1.00
+	ROUTED TO	R207	320.	13.75	90.	24.	11.	1.00
+	2 COMBINED AT	CP208	621.	13.25	196.	52.	25.	14.18
+	DIVERSION TO	1D219	404.	13.25	132.	35.	17.	14.18
+	HYDROGRAPH AT	1D208	217.	13.25	64.	17.	8.	14.18
+	DIVERSION TO	DI209A	217.	13.25	64.	17.	8.	14.18
+	HYDROGRAPH AT	2D208	0.	13.25	0.	0.	0.	14.18

+	ROUTED TO R208	0.	13.92	0.	0.	0.	14.18
+	HYDROGRAPH AT 218	489.	13.25	119.	31.	15.	1.00
+	2 COMBINED AT 1I218	463.	13.25	113.	29.	14.	15.18
+	HYDROGRAPH AT D217	107.	13.17	46.	12.	6.	14.03
+	ROUTED TO R217	103.	13.92	46.	12.	6.	14.03
+	2 COMBINED AT CP218	475.	13.25	155.	41.	20.	15.67
+	DIVERSION TO DI237	306.	13.25	114.	31.	15.	15.67
+	HYDROGRAPH AT 1D218	169.	13.25	41.	10.	5.	15.67
+	DIVERSION TO 2D219	40.	13.25	10.	2.	1.	15.67
+	HYDROGRAPH AT 2D218	129.	13.25	32.	8.	4.	15.67
+	ROUTED TO R218	118.	13.58	32.	8.	4.	15.67
+	HYDROGRAPH AT 236	516.	13.25	128.	32.	15.	1.00
+	2 COMBINED AT 1I236	573.	13.33	153.	38.	18.	16.67
+	2 COMBINED AT CP236	750.	13.42	292.	77.	37.	26.34
+	DIVERSION TO DI249	158.	13.42	36.	9.	4.	26.34
+	HYDROGRAPH AT 1D236	593.	13.42	256.	68.	33.	26.34
+	DIVERSION TO 1D250	241.	13.42	65.	16.	8.	26.34
+	HYDROGRAPH AT 2D236	352.	13.42	190.	52.	25.	26.34
+	ROUTED TO R236	350.	13.67	190.	52.	25.	26.34
+	HYDROGRAPH AT DC192A	1059.	13.33	488.	223.	121.	21.07
+	ROUTED TO RLP5	1035.	13.42	487.	223.	121.	21.07
+	HYDROGRAPH AT 209A	276.	13.08	60.	15.	7.	.50
+	HYDROGRAPH AT 1D208	217.	13.25	64.	17.	8.	14.18
+	ROUTED TO R208	198.	13.42	63.	17.	8.	14.18
+	3 COMBINED AT !LP6	1463.	13.42	628.	269.	144.	14.68
+	DIVERSION TO 3D220	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT 1D209A	1463.	13.42	628.	269.	144.	14.68

+	DIVERSION TO	4D209	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT	2D209A	1463.	13.42	628.	269.	144.	14.68
+	ROUTED TO	RLP6	1431.	13.50	627.	268.	143.	14.68
+	HYDROGRAPH AT	2D208	404.	13.25	132.	35.	17.	14.18
+	ROUTED TO	R208	357.	15.08	123.	35.	17.	14.18
+	HYDROGRAPH AT	219	278.	13.08	60.	15.	7.	.50
+	2 COMBINED AT	1I219	364.	15.08	164.	49.	24.	14.68
+	2 COMBINED AT	2I219	1590.	13.50	783.	315.	166.	15.18
+	HYDROGRAPH AT	2D218	40.	13.25	10.	2.	1.	15.67
+	ROUTED TO	R218	35.	14.08	10.	2.	1.	15.67
+	2 COMBINED AT	!LP7	1603.	13.50	788.	315.	166.	16.67
+	DIVERSION TO	DI238	0.	.00	0.	0.	0.	16.67
+	HYDROGRAPH AT	1D219	1595.	13.50	783.	313.	165.	16.67
+	DIVERSION TO	2D220	0.	.00	0.	0.	0.	16.67
+	HYDROGRAPH AT	2D219	1595.	13.50	783.	313.	165.	16.67
+	ROUTED TO	RLP7	1563.	13.58	781.	312.	165.	16.67
+	HYDROGRAPH AT	1D218	306.	13.25	114.	31.	15.	15.67
+	ROUTED TO	R218	277.	14.08	111.	31.	15.	15.67
+	HYDROGRAPH AT	237	280.	13.25	68.	17.	8.	.50
+	2 COMBINED AT	1I237	384.	13.92	168.	47.	23.	16.17
+	2 COMBINED AT	2I237	1894.	13.58	940.	357.	186.	17.17
+	2 COMBINED AT	!LP8	2146.	13.67	1070.	383.	199.	27.84
+	DIVERSION TO	2D250	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT	1D237	2146.	13.67	1070.	383.	199.	27.84
+	DIVERSION TO	1D250A	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT	2D237	2146.	13.67	1070.	383.	199.	27.84
+	ROUTED TO	R237	2139.	13.67	1069.	383.	199.	27.84

+	HYDROGRAPH AT	1D192	0.	.00	0.	0.	0.	21.57
+	ROUTED TO	R192	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	209	308.	13.08	66.	16.	8.	.50
+	2 COMBINED AT	1I209	294.	13.08	63.	16.	8.	13.68
+	HYDROGRAPH AT	2D209A	0.	.00	0.	0.	0.	14.68
+	ROUTED TO	R209A	0.	.00	0.	0.	0.	14.68
+	2 COMBINED AT	CP209	294.	13.08	63.	16.	8.	16.18
+	DIVERSION TO	1D221	138.	13.08	34.	9.	4.	16.18
+	HYDROGRAPH AT	1D209	153.	13.08	28.	7.	3.	16.18
+	DIVERSION TO	2D210	45.	13.08	8.	2.	1.	16.18
+	HYDROGRAPH AT	2D209	108.	13.08	20.	5.	2.	16.18
+	ROUTED TO	R209	77.	13.92	20.	5.	2.	16.18
+	HYDROGRAPH AT	1D209A	0.	.00	0.	0.	0.	14.68
+	ROUTED TO	R209A	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT	220	281.	13.08	62.	15.	7.	.50
+	2 COMBINED AT	1I220	266.	13.08	58.	15.	7.	15.18
+	2 COMBINED AT	2I220	273.	13.08	78.	20.	9.	16.68
+	HYDROGRAPH AT	2D219	0.	.00	0.	0.	0.	16.67
+	ROUTED TO	R219	0.	.00	0.	0.	0.	16.67
+	2 COMBINED AT	CP220	273.	13.08	78.	20.	9.	18.17
+	DIVERSION TO	DI239	198.	13.08	57.	14.	7.	18.17
+	HYDROGRAPH AT	1D220	73.	13.08	21.	5.	3.	18.17
+	DIVERSION TO	2D221	64.	13.08	18.	5.	2.	18.17
+	HYDROGRAPH AT	D220	9.	13.08	3.	1.	0.	18.17
+	ROUTED TO	R220	7.	15.00	3.	1.	0.	18.17
+	HYDROGRAPH AT	1D219	0.	.00	0.	0.	0.	16.67
+	ROUTED TO	R219	0.	.00	0.	0.	0.	16.67

+	HYDROGRAPH AT	238	301.	13.17	69.	17.	8.	.50
+	2 COMBINED AT	1I238	285.	13.17	65.	16.	8.	17.17
+	2 COMBINED AT	2I238	284.	13.17	67.	17.	8.	18.67
+	2 COMBINED AT	!CM1	2282.	13.67	1118.	395.	205.	30.06
+	ROUTED TO	SRCM1	209.	22.50	206.	160.	91.	30.06
+	DIVERSION TO	1DLP9	150.	19.00	150.	133.	78.	30.06
+	HYDROGRAPH AT	DSRCM1	59.	22.50	56.	27.	13.	30.06
+	DIVERSION TO	2D250A	0.	.00	0.	0.	0.	30.06
+	HYDROGRAPH AT	1D238	59.	22.50	56.	27.	13.	30.06
+	DIVERSION TO	1D251	0.	.00	0.	0.	0.	30.06
+	HYDROGRAPH AT	2D238	59.	22.50	56.	27.	13.	30.06
+	ROUTED TO	R238	59.	22.67	56.	27.	13.	30.06
+	HYDROGRAPH AT	2D192	0.	.00	0.	0.	0.	21.57
+	ROUTED TO	R192	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	210	263.	13.08	58.	15.	7.	.46
+	2 COMBINED AT	1I210	249.	13.08	55.	14.	7.	13.64
+	HYDROGRAPH AT	2D209	45.	13.08	8.	2.	1.	16.18
+	ROUTED TO	R209	36.	13.67	8.	2.	1.	16.18
+	2 COMBINED AT	CP210	255.	13.08	62.	16.	8.	16.58
+	ROUTED TO	R210	222.	13.92	62.	16.	8.	16.58
+	HYDROGRAPH AT	1D209	138.	13.08	34.	9.	4.	16.18
+	ROUTED TO	R209	70.	16.00	29.	9.	4.	16.18
+	HYDROGRAPH AT	221	269.	13.08	61.	15.	7.	.48
+	2 COMBINED AT	1I221	252.	13.08	77.	23.	11.	16.66
+	2 COMBINED AT	2I221	331.	13.75	139.	39.	19.	17.06
+	HYDROGRAPH AT	D220	64.	13.08	18.	5.	2.	18.17
+	ROUTED TO	R220	50.	13.75	18.	5.	2.	18.17

+	2 COMBINED AT	CP221	377.	13.75	156.	43.	21.	19.11
+	ROUTED TO	R221	341.	14.92	155.	43.	21.	19.11
+	HYDROGRAPH AT	1D220	198.	13.08	57.	14.	7.	18.17
+	ROUTED TO	R220	111.	16.17	48.	14.	7.	18.17
+	HYDROGRAPH AT	239	289.	13.08	64.	16.	8.	.48
+	2 COMBINED AT	1I239	270.	13.08	92.	29.	14.	18.65
+	2 COMBINED AT	2I239	350.	14.83	242.	72.	35.	19.59
+	2 COMBINED AT	!CM2	334.	14.83	237.	95.	46.	31.48
+	DIVERSION TO	2D251	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	1D239	334.	14.83	237.	95.	46.	31.48
+	DIVERSION TO	DI252	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	2D239	334.	14.83	237.	95.	46.	31.48
+	ROUTED TO	RCM2	332.	15.00	236.	95.	46.	31.48
+	HYDROGRAPH AT	240	266.	13.00	54.	14.	6.	.40
+	2 COMBINED AT	!CM3	471.	13.08	279.	107.	51.	31.88
+	ROUTED TO	RCM3	458.	13.33	277.	107.	51.	31.88
+	HYDROGRAPH AT	213	351.	12.50	45.	12.	6.	.35
+	ROUTED TO	R213	211.	13.42	45.	12.	6.	.35
+	HYDROGRAPH AT	212	268.	13.42	74.	18.	9.	.54
+	ROUTED TO	SR212	187.	13.83	46.	12.	6.	.54
+	2 COMBINED AT	CP212	298.	13.75	78.	20.	10.	37.23
+	ROUTED TO	R212	260.	14.67	76.	20.	10.	37.23
+	HYDROGRAPH AT	1D193	0.	.00	0.	0.	0.	21.57
+	ROUTED TO	R193	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	211	282.	13.08	63.	16.	8.	.49
+	2 COMBINED AT	CP211	268.	13.08	60.	15.	7.	13.87
+	ROUTED TO	R211	187.	14.42	59.	15.	7.	13.87

+	HYDROGRAPH AT	221A	159.	13.25	39.	10.	5.	.31
+	2 COMBINED AT	1I221A	244.	14.25	99.	26.	12.	.80
+	ROUTED TO	SR221A	240.	14.33	85.	22.	10.	.80
+	2 COMBINED AT	CP221A	449.	14.58	147.	39.	19.	38.03
+	ROUTED TO	R221A	416.	15.17	144.	39.	19.	38.03
+	HYDROGRAPH AT	222	519.	13.58	165.	46.	22.	1.10
+	2 COMBINED AT	CP222	506.	15.08	275.	80.	38.	39.13
+	ROUTED TO	R222	475.	15.75	271.	80.	38.	39.13
+	2 COMBINED AT	!CM4	763.	15.58	541.	182.	89.	34.67
+	HYDROGRAPH AT	226	1458.	12.33	189.	56.	27.	1.18
+	ROUTED TO	SR226	474.	12.75	181.	56.	27.	1.18
+	ROUTED TO	R226	386.	15.25	180.	56.	27.	1.18
+	HYDROGRAPH AT	201	379.	12.33	39.	10.	5.	.34
+	ROUTED TO	R201	196.	13.83	39.	10.	5.	.34
+	HYDROGRAPH AT	223	1703.	12.42	316.	106.	51.	1.26
+	2 COMBINED AT	1I223	1700.	12.42	350.	115.	56.	1.60
+	2 COMBINED AT	CP223	1554.	12.42	446.	152.	74.	54.67
+	ROUTED TO	R223	1442.	12.67	445.	152.	74.	54.67
+	HYDROGRAPH AT	224	1022.	12.33	111.	29.	14.	.80
+	2 COMBINED AT	!BD1N	2125.	12.50	603.	197.	96.	3.58
+	ROUTED TO	RBD1N	2125.	12.50	603.	197.	96.	3.58
+	HYDROGRAPH AT	241	1455.	12.50	193.	52.	25.	1.51
+	2 COMBINED AT	1I241	3136.	12.50	702.	222.	108.	56.98
+	2 COMBINED AT	!BD2N	3346.	12.50	1217.	399.	195.	39.76
+	ROUTED TO	RBD2N	3152.	12.67	1210.	399.	195.	39.76
+	HYDROGRAPH AT	253	487.	13.00	165.	49.	24.	1.01
+	DIVERSION TO	253R	487.	13.00	125.	34.	16.	1.01

	HYDROGRAPH AT							
+		253T	283.	13.92	55.	16.	8.	1.01
	2 COMBINED AT							
+		1I253	3152.	12.67	1242.	406.	198.	79.75
	HYDROGRAPH AT							
+		253A	282.	12.33	31.	9.	4.	.25
	DIVERSION TO							
+		253AR	168.	12.08	10.	3.	1.	.25
	HYDROGRAPH AT							
+		253AT	282.	12.33	23.	6.	3.	.25
	ROUTED TO							
+		R253A	132.	13.25	22.	6.	3.	.25
	2 COMBINED AT							
+		!!I253	3152.	12.67	1260.	411.	200.	80.00
	HYDROGRAPH AT							
+		247	283.	13.08	64.	16.	8.	.50
	DIVERSION TO							
+		DI261	0.	.00	0.	0.	0.	.50
	HYDROGRAPH AT							
+		D247	283.	13.08	64.	16.	8.	.50
	ROUTED TO							
+		R247	252.	13.50	64.	16.	8.	.50
	HYDROGRAPH AT							
+		248	466.	13.25	116.	29.	14.	1.00
	HYDROGRAPH AT							
+		D234	447.	12.67	55.	14.	7.	14.08
	ROUTED TO							
+		R234	265.	13.50	55.	14.	7.	14.08
	2 COMBINED AT							
+		1I248	670.	13.33	164.	41.	20.	15.08
	2 COMBINED AT							
+		2I248	883.	13.42	223.	56.	27.	15.58
	HYDROGRAPH AT							
+		D235	456.	13.50	123.	31.	15.	16.04
	ROUTED TO							
+		R235	412.	14.17	123.	31.	15.	16.04
	2 COMBINED AT							
+		CP248	1087.	13.58	342.	86.	41.	17.54
	DIVERSION TO							
+		DI262	1023.	13.58	331.	83.	40.	17.54
	HYDROGRAPH AT							
+		D248	64.	13.58	11.	3.	1.	17.54
	ROUTED TO							
+		R248	50.	14.58	11.	3.	1.	17.54
	HYDROGRAPH AT							
+		249	514.	13.25	128.	32.	15.	1.00
	2 COMBINED AT							
+		1I249	484.	13.25	131.	33.	16.	18.54
	HYDROGRAPH AT							
+		1D236	158.	13.42	36.	9.	4.	26.34
	ROUTED TO							
+		R236	155.	13.92	36.	9.	4.	26.34
	2 COMBINED AT							
+		CP249	483.	13.33	164.	41.	20.	28.84

	DIVERSION TO							
+		DI264	46.	13.25	13.	3.	2.	28.84
	HYDROGRAPH AT							
+		D249	433.	13.25	149.	37.	18.	28.84
	ROUTED TO							
+		R249	415.	13.83	149.	37.	18.	28.84
	HYDROGRAPH AT							
+		2D236	241.	13.42	65.	16.	8.	26.34
	ROUTED TO							
+		R236	161.	16.83	57.	16.	8.	26.34
	HYDROGRAPH AT							
+		250	294.	13.08	65.	16.	8.	.49
	2 COMBINED AT							
+		1I250	270.	13.08	93.	31.	15.	26.83
	HYDROGRAPH AT							
+		SRCM1D	150.	19.00	150.	133.	78.	30.06
	ROUTED TO							
+		RLP8	150.	19.83	150.	133.	78.	30.06
	2 COMBINED AT							
+		2I250	269.	13.08	192.	149.	94.	28.33
	2 COMBINED AT							
+		!LP9	544.	13.58	277.	183.	110.	31.55
	DIVERSION TO							
+		DI265	544.	13.58	277.	183.	110.	31.55
	HYDROGRAPH AT							
+		D250	0.	.00	0.	0.	0.	31.55
	ROUTED TO							
+		R250	0.	.00	0.	0.	0.	31.55
	HYDROGRAPH AT							
+		2D237	0.	.00	0.	0.	0.	27.84
	ROUTED TO							
+		R237	0.	.00	0.	0.	0.	27.84
	HYDROGRAPH AT							
+		250A	296.	13.17	70.	18.	8.	.51
	2 COMBINED AT							
+		1I250A	234.	13.17	55.	14.	7.	328.35
	HYDROGRAPH AT							
+		1D238	0.	.00	0.	0.	0.	30.06
	ROUTED TO							
+		R238	0.	.00	0.	0.	0.	30.06
	2 COMBINED AT							
+		2I250A	270.	13.17	64.	16.	8.	30.85
	2 COMBINED AT							
+		!!250A	268.	13.17	64.	16.	8.	33.84
	ROUTED TO							
+		R250A	249.	13.42	64.	16.	8.	33.84
	HYDROGRAPH AT							
+		2D238	0.	.00	0.	0.	0.	30.06
	ROUTED TO							
+		R238	0.	.00	0.	0.	0.	30.06
	HYDROGRAPH AT							
+		251	307.	13.17	75.	20.	10.	.50
	DIVERSION TO							
+		251R	251.	12.92	29.	8.	4.	.50

+	HYDROGRAPH AT	251T	307.	13.17	49.	13.	6.	.50
+	2 COMBINED AT	1I251	278.	13.17	41.	11.	5.	30.84
+	HYDROGRAPH AT	1D239	0.	.00	0.	0.	0.	31.48
+	ROUTED TO	R239	0.	.00	0.	0.	0.	31.48
+	2 COMBINED AT	2I251	278.	13.17	41.	11.	5.	32.26
+	2 COMBINED AT	!!C251	485.	13.25	104.	27.	13.	35.76
+	ROUTED TO	R251	437.	13.75	103.	27.	13.	35.76
+	HYDROGRAPH AT	252	296.	13.17	78.	23.	11.	.50
+	DIVERSION TO	252R	296.	13.17	59.	16.	8.	.50
+	HYDROGRAPH AT	252T	149.	13.83	25.	7.	3.	.50
+	HYDROGRAPH AT	2D239	0.	.00	0.	0.	0.	31.48
+	ROUTED TO	R239	0.	.00	0.	0.	0.	31.48
+	3 COMBINED AT	!!C252	464.	13.75	118.	31.	15.	36.26
+	ROUTED TO	R252	214.	16.67	105.	31.	15.	36.26
+	2 COMBINED AT	!BD3N	3152.	12.67	1330.	444.	218.	42.53
+	ROUTED TO	RBD3N	2955.	12.92	1312.	440.	216.	42.53
+	HYDROGRAPH AT	267	1457.	12.42	201.	59.	28.	1.19
+	DIVERSION TO	267R	1457.	12.42	200.	58.	28.	1.19
+	HYDROGRAPH AT	267T	9.	23.33	4.	2.	1.	1.19
+	2 COMBINED AT	!BD4N	2955.	12.92	1312.	440.	216.	43.72
+	ROUTED TO	RBD4N	2838.	13.00	1301.	438.	215.	43.72
+	HYDROGRAPH AT	286	407.	12.83	108.	29.	14.	.70
+	DIVERSION TO	286R	357.	12.58	34.	9.	4.	.70
+	HYDROGRAPH AT	286T	407.	12.83	77.	20.	10.	.70
+	2 COMBINED AT	1I286	3112.	13.00	1330.	440.	215.	86.98
+	HYDROGRAPH AT	288	128.	13.25	34.	9.	5.	.22
+	DIVERSION TO	288R	113.	13.08	16.	4.	2.	.22

+	HYDROGRAPH AT	288T	123.	13.33	20.	5.	3.	.22
+	ROUTED TO	R288	100.	13.67	20.	5.	3.	.22
+	2 COMBINED AT	!BD1S	3177.	13.00	1378.	458.	224.	44.64
+	DIVERSION TO	DIBD1S	2366.	13.00	1009.	325.	159.	44.64
+	HYDROGRAPH AT	DBD1S	811.	13.00	369.	133.	65.	44.64
+	ROUTED TO	RBD1S	697.	13.33	363.	133.	65.	44.64
+	HYDROGRAPH AT	DRBD1S	2366.	13.00	1009.	325.	159.	44.64
+	HYDROGRAPH AT	287	214.	12.67	40.	12.	6.	.23
+	DIVERSION TO	DI10C4	107.	12.67	20.	6.	3.	.23
+	HYDROGRAPH AT	DT10C4	107.	12.67	20.	6.	3.	.23
+	2 COMBINED AT	1BD1S	2425.	13.00	1020.	330.	161.	44.64
+	ROUTED TO	SRBD1S	1840.	13.42	943.	315.	152.	44.64
+	DIVERSION TO	!ADOTD	478.	13.42	245.	82.	39.	44.64
+	HYDROGRAPH AT	D287	1361.	13.42	698.	233.	112.	44.64
+	2 COMBINED AT	1BD2S	2040.	13.42	1057.	362.	177.	46.36
+	HYDROGRAPH AT	283	84.	12.75	20.	5.	3.	.14
+	DIVERSION TO	283R	67.	12.42	5.	1.	1.	.14
+	HYDROGRAPH AT	283T	84.	12.75	16.	4.	2.	.14
+	ROUTED TO	R283	71.	13.33	16.	4.	2.	.14
+	HYDROGRAPH AT	285B	81.	12.33	10.	3.	1.	.06
+	2 COMBINED AT	!10C1	72.	12.33	22.	6.	3.	36.31
+	DIVERSION TO	DI297	0.	.00	0.	0.	0.	36.31
+	HYDROGRAPH AT	D285B	72.	12.33	22.	6.	3.	36.31
+	ROUTED TO	R10C1	64.	12.42	22.	6.	3.	36.31
+	HYDROGRAPH AT	266	1000.	12.42	142.	42.	20.	.85
+	DIVERSION TO	266RET	1000.	12.42	142.	41.	20.	.85
+	HYDROGRAPH AT	266OUT	3.	17.75	2.	1.	0.	.85

	ROUTED TO						
+	R266	2.	20.25	2.	1.	0.	.85
	HYDROGRAPH AT						
+	284	205.	12.75	51.	14.	7.	.34
	DIVERSION TO						
+	284R	202.	12.67	21.	5.	3.	.34
	HYDROGRAPH AT						
+	284T	205.	12.83	32.	8.	4.	.34
	2 COMBINED AT						
+	CP284	202.	12.83	32.	9.	4.	1.15
	ROUTED TO						
+	SR284	0.	.00	0.	0.	0.	1.15
	ROUTED TO						
+	R284	0.	.00	0.	0.	0.	1.15
	HYDROGRAPH AT						
+	285A	80.	12.33	10.	3.	1.	.06
	2 COMBINED AT						
+	1I285A	70.	12.33	9.	3.	1.	37.89
	2 COMBINED AT						
+	!10C2	130.	12.33	30.	9.	4.	37.89
	DIVERSION TO						
+	1D297A	0.	.00	0.	0.	0.	37.89
	HYDROGRAPH AT						
+	D285A	130.	12.33	30.	9.	4.	37.89
	ROUTED TO						
+	R10C2	127.	12.42	30.	9.	4.	37.89
	HYDROGRAPH AT						
+	285	55.	12.33	7.	2.	1.	.04
	2 COMBINED AT						
+	!10C3	170.	12.42	36.	10.	5.	37.93
	DIVERSION TO						
+	2D297A	0.	.00	0.	0.	0.	37.93
	HYDROGRAPH AT						
+	D285	170.	12.42	36.	10.	5.	37.93
	ROUTED TO						
+	R10C3	153.	12.58	36.	10.	5.	37.93
	HYDROGRAPH AT						
+	DR10C4	107.	12.67	20.	6.	3.	.23
	2 COMBINED AT						
+	!10C4	244.	12.58	54.	16.	8.	38.16
	2 COMBINED AT						
+	!BD2S	2100.	13.33	1084.	377.	184.	46.36
	ROUTED TO						
+	RBD2S	2097.	13.42	1083.	377.	184.	46.36
	HYDROGRAPH AT						
+	298	669.	12.75	127.	35.	17.	.84
	DIVERSION TO						
+	298R	438.	12.42	40.	11.	5.	.84
	HYDROGRAPH AT						
+	298T	669.	12.75	94.	25.	12.	.84
	2 COMBINED AT						
+	!BD3S	2302.	13.33	1142.	396.	193.	47.20
	ROUTED TO						
+	RBD3S	2205.	13.67	1132.	396.	193.	47.20

+	HYDROGRAPH AT	316	467.	13.17	115.	30.	15.	.82
+	DIVERSION TO	316R	264.	12.67	28.	7.	4.	.82
+	HYDROGRAPH AT	316T	467.	13.17	89.	23.	11.	.82
+	2 COMBINED AT	!BD4S	2479.	13.58	1200.	414.	202.	48.02
+	ROUTED TO	RBD4S	2409.	13.75	1190.	414.	202.	48.02
+	HYDROGRAPH AT	334	397.	12.50	69.	18.	9.	.62
+	DIVERSION TO	334R	168.	12.17	9.	2.	1.	.62
+	HYDROGRAPH AT	334T	397.	12.50	61.	15.	7.	.62
+	2 COMBINED AT	1I334	2417.	13.75	1190.	422.	206.	90.57
+	HYDROGRAPH AT	D285	0.	.00	0.	0.	0.	37.93
+	ROUTED TO	R285	0.	.00	0.	0.	0.	37.93
+	HYDROGRAPH AT	D285A	0.	.00	0.	0.	0.	37.89
+	ROUTED TO	R285A	0.	.00	0.	0.	0.	37.89
+	HYDROGRAPH AT	297A	202.	12.92	45.	13.	6.	.27
+	DIVERSION TO	297AR	195.	12.83	24.	7.	3.	.27
+	HYDROGRAPH AT	297AT	185.	13.00	24.	7.	3.	.27
+	2 COMBINED AT	1I297A	144.	13.08	19.	5.	3.	38.16
+	2 COMBINED AT	CP297A	144.	13.08	19.	5.	3.	38.20
+	ROUTED TO	R297A	70.	15.00	18.	5.	3.	38.20
+	HYDROGRAPH AT	315	257.	13.25	66.	18.	9.	.47
+	DIVERSION TO	315R	176.	12.92	22.	6.	3.	.47
+	HYDROGRAPH AT	315T	257.	13.25	47.	12.	6.	.47
+	2 COMBINED AT	CP315	228.	13.25	57.	15.	7.	38.67
+	ROUTED TO	R315	112.	15.17	51.	15.	7.	38.67
+	2 COMBINED AT	!BD5S	2435.	13.75	1244.	440.	215.	49.38
+	ROUTED TO	RBD5S	2395.	13.83	1241.	440.	215.	49.38
+	HYDROGRAPH AT	335	398.	12.67	77.	22.	11.	.43

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          2 COMBINED AT
+                    !BD6S    2430.   13.83      1258.      457.      224.     49.81
          ROUTED TO
+                     R335    2415.   13.92      1256.      457.      224.     49.81
          HYDROGRAPH AT
+                     335A     107.   12.25        10.        2.        1.       .07
          2 COMBINED AT
+                   CP335A    2415.   13.92      1256.      459.      225.     49.88
          ROUTED TO
+                    R335A    2403.   14.00      1256.      459.      225.     49.88
          HYDROGRAPH AT
+                      299     325.   12.75        56.       15.        7.       .40
          DIVERSION TO
+                     299R     124.   12.17         7.        2.        1.       .40
          HYDROGRAPH AT
+                     299T     325.   12.75        50.       13.        6.       .40
          ROUTED TO
+                     R299     211.   14.25        50.       13.        6.       .40
          HYDROGRAPH AT
+                      317     323.   13.25        79.       20.       10.       .57
          DIVERSION TO
+                     317R      86.   12.25         5.        1.        1.       .57
          HYDROGRAPH AT
+                     317T     323.   13.25        75.       19.        9.       .57
          2 COMBINED AT
+                    CP317     321.   13.25       124.       31.       15.       .95
          ROUTED TO
+                     R317     292.   13.83       121.       31.       15.       .95
          HYDROGRAPH AT
+                      300     334.   12.83        70.       20.       10.       .39
          ROUTED TO
+                     R300     255.   14.17        69.       20.       10.       .39
          HYDROGRAPH AT
+                      318     598.   12.67       114.       35.       17.       .62
          2 COMBINED AT
+                    CP318     601.   12.67       175.       54.       26.      1.01
          ROUTED TO
+                     R318     553.   12.92       174.       54.       26.      1.01
          HYDROGRAPH AT
+                      301     550.   12.17        60.       19.        9.       .30
          DIVERSION TO
+                     301R      11.    9.58         7.        2.        1.       .30
          HYDROGRAPH AT
+                     301T     550.   12.17        60.       17.        8.       .30
          ROUTED TO
+                     R301     222.   13.83        59.       17.        8.       .30
          HYDROGRAPH AT
+                      319     595.   12.50       100.       31.       15.       .54
          2 COMBINED AT
+                    CP319     593.   12.50       150.       47.       23.       .84
          ROUTED TO
+                     R319     538.   12.83       149.       47.       23.       .84
          HYDROGRAPH AT
+                      337     748.   12.25        89.       27.       13.       .49
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+	3 COMBINED AT	CP337	1163.	12.83	401.	126.	61.	2.34
+	ROUTED TO	SR337	375.	14.92	357.	126.	61.	2.34
+	DIVERSION TO	DI367	375.	14.92	357.	126.	61.	2.34
+	HYDROGRAPH AT	D337	0.	.00	0.	0.	0.	2.34
+	ROUTED TO	R337	0.	.00	0.	0.	0.	2.34
+	2 COMBINED AT	1I336	293.	13.83	121.	31.	15.	33.31
+	HYDROGRAPH AT	336	629.	13.92	256.	79.	38.	1.36
+	2 COMBINED AT	CP336	788.	13.92	315.	95.	46.	88.01
+	ROUTED TO	R336	782.	14.00	315.	95.	46.	88.01
+	2 COMBINED AT	BLRD2	2999.	14.00	1463.	518.	256.	94.97
+	HYDROGRAPH AT	336A	109.	13.50	47.	13.	6.	.37
+	ROUTED TO	R336A	108.	13.75	47.	13.	6.	.37
+	HYDROGRAPH AT	364A	92.	12.67	14.	4.	2.	.10
+	2 COMBINED AT	CP364A	138.	12.75	61.	16.	8.	.44
+	2 COMBINED AT	!!BRD3	3077.	14.00	1498.	530.	262.	97.93
+	ROUTED TO	RBLRD3	3052.	14.17	1497.	530.	262.	97.93
+	HYDROGRAPH AT	365	264.	12.83	48.	13.	6.	.38
+	ROUTED TO	R365	177.	14.50	46.	13.	6.	.38
+	HYDROGRAPH AT	364	305.	13.08	70.	17.	8.	.49
+	2 COMBINED AT	CP364	303.	13.08	111.	30.	14.	1.60
+	ROUTED TO	SR364	275.	13.25	100.	27.	13.	1.60
+	3 COMBINED AT	AFR6	3477.	14.17	2621.	1176.	590.	103.03
+	HYDROGRAPH AT	364B	146.	13.08	33.	8.	4.	.23
+	ROUTED TO	R364B	124.	14.08	33.	8.	4.	.23
+	HYDROGRAPH AT	363	343.	13.25	87.	22.	10.	.63
+	2 COMBINED AT	1I363	399.	13.33	119.	30.	14.	.86
+	HYDROGRAPH AT	314	368.	12.67	70.	20.	10.	.42

+	DIVERSION TO	314R	368.	12.67	39.	11.	5.	.42
+	HYDROGRAPH AT	314T	328.	12.83	36.	10.	5.	.42
+	ROUTED TO	R314	99.	15.25	33.	10.	5.	.42
+	HYDROGRAPH AT	333	611.	12.50	104.	32.	15.	.58
+	DIVERSION TO	333R	611.	12.50	92.	25.	12.	.58
+	HYDROGRAPH AT	333T	114.	13.25	21.	7.	3.	.58
+	2 COMBINED AT	CP333	114.	13.25	50.	16.	8.	1.00
+	ROUTED TO	R333	96.	16.17	49.	16.	8.	1.00
+	HYDROGRAPH AT	348A	212.	12.58	34.	10.	5.	.22
+	DIVERSION TO	348AR	212.	12.58	23.	6.	3.	.22
+	HYDROGRAPH AT	348AT	133.	12.83	13.	4.	2.	.22
+	2 COMBINED AT	CP348A	130.	12.83	57.	20.	10.	1.22
+	ROUTED TO	R348A	93.	16.58	55.	20.	10.	1.22
+	HYDROGRAPH AT	348B	420.	13.33	123.	35.	17.	.78
+	DIVERSION TO	348BR	89.	12.17	14.	4.	2.	.78
+	HYDROGRAPH AT	348BT	420.	13.33	117.	31.	15.	.78
+	2 COMBINED AT	CP348B	484.	13.33	166.	50.	24.	1.75
+	ROUTED TO	SR348B	437.	13.50	165.	50.	24.	1.75
+	ROUTED TO	R348B	382.	14.33	158.	50.	24.	1.75
+	2 COMBINED AT	1I363	620.	14.17	253.	79.	38.	2.38
+	HYDROGRAPH AT	348	269.	12.75	54.	15.	7.	.34
+	DIVERSION TO	348R	269.	12.75	31.	8.	4.	.34
+	HYDROGRAPH AT	348T	227.	12.92	27.	7.	3.	.34
+	ROUTED TO	SR348	183.	13.08	25.	7.	3.	.34
+	DIVERSION TO	DI347	0.	.00	0.	0.	0.	.34
+	HYDROGRAPH AT	D348	183.	13.08	25.	7.	3.	.34
+	ROUTED TO	R348	98.	14.00	23.	7.	4.	.34

	2 COMBINED AT							
+		CP363	700.	14.17	274.	86.	42.	2.58
	ROUTED TO							
+		R363	631.	14.92	273.	86.	42.	2.58
	HYDROGRAPH AT							
+		362	325.	12.83	60.	15.	7.	.42
	2 COMBINED AT							
+		1I362	631.	14.92	318.	101.	48.	3.14
	HYDROGRAPH AT							
+		265	98.	13.08	33.	8.	4.	.25
	HYDROGRAPH AT							
+		D250	544.	13.58	277.	183.	110.	31.55
	ROUTED TO							
+		RLP9	542.	13.67	277.	183.	110.	31.55
	2 COMBINED AT							
+		!LP10	612.	13.67	300.	189.	113.	33.58
	DIVERSION TO							
+		3D278	612.	13.67	300.	189.	113.	33.58
	HYDROGRAPH AT							
+		DCP265	0.	.00	0.	0.	0.	33.58
	ROUTED TO							
+		R265	0.	.00	0.	0.	0.	33.58
	HYDROGRAPH AT							
+		265A	515.	12.83	135.	36.	18.	.92
	DIVERSION TO							
+		165AR	262.	12.25	21.	6.	3.	.92
	HYDROGRAPH AT							
+		165AT	515.	12.83	119.	31.	15.	.92
	2 COMBINED AT							
+		CP265A	467.	12.83	106.	27.	13.	32.90
	ROUTED TO							
+		R265A	390.	14.00	103.	27.	13.	32.90
	HYDROGRAPH AT							
+		281	394.	13.00	132.	39.	19.	.85
	DIVERSION TO							
+		281R	394.	13.00	101.	27.	13.	.85
	HYDROGRAPH AT							
+		281T	196.	14.00	42.	12.	6.	.85
	2 COMBINED AT							
+		CP281	464.	14.00	134.	37.	18.	28.12
	ROUTED TO							
+		SR281	433.	14.42	121.	33.	16.	28.12
	DIVERSION TO							
+		DI280	33.	14.42	9.	3.	1.	28.12
	HYDROGRAPH AT							
+		D281	400.	14.42	112.	31.	15.	28.12
	ROUTED TO							
+		R281	396.	14.42	112.	31.	15.	28.12
	HYDROGRAPH AT							
+		282	154.	12.33	17.	4.	2.	.12
	2 COMBINED AT							
+		CP282	396.	14.42	119.	34.	17.	28.25
	ROUTED TO							
+		SR282	299.	15.00	119.	34.	17.	28.25

	ROUTED TO							
+		R282	291.	15.33	117.	34.	17.	28.25
	HYDROGRAPH AT							
+		296A	458.	12.42	65.	19.	9.	.39
	2 COMBINED AT							
+		CP296A	421.	12.42	169.	51.	25.	28.66
	DIVERSION TO							
+		296ART	421.	12.42	54.	14.	7.	28.66
	HYDROGRAPH AT							
+		296AOT	296.	15.33	128.	37.	18.	28.66
	ROUTED TO							
+		R296A	234.	17.25	119.	37.	18.	28.66
	HYDROGRAPH AT							
+		232	959.	12.42	105.	27.	13.	.93
	DIVERSION TO							
+		2D28	959.	12.42	105.	27.	13.	.93
	HYDROGRAPH AT							
+		D232	0.	.00	0.	0.	0.	.93
	ROUTED TO							
+		R232	0.	.00	0.	0.	0.	.93
	HYDROGRAPH AT							
+		246	706.	12.50	98.	27.	13.	.75
	DIVERSION TO							
+		246R	412.	12.17	27.	7.	3.	.75
	HYDROGRAPH AT							
+		246T	706.	12.50	76.	20.	9.	.75
	2 COMBINED AT							
+		CP246	700.	12.50	75.	19.	9.	1.68
	ROUTED TO							
+		R246	601.	12.75	75.	19.	9.	1.68
	HYDROGRAPH AT							
+		260	532.	12.33	56.	15.	7.	.50
	2 COMBINED AT							
+		CP260	767.	12.67	128.	34.	16.	2.18
	ROUTED TO							
+		R260	668.	13.00	128.	34.	16.	2.18
	HYDROGRAPH AT							
+		273	648.	12.42	74.	19.	9.	.65
	2 COMBINED AT							
+		!10W1	876.	12.50	200.	52.	25.	2.83
	DIVERSION TO							
+		1D292	0.	.00	0.	0.	0.	2.83
	HYDROGRAPH AT							
+		D273	876.	12.50	200.	52.	25.	2.83
	ROUTED TO							
+		R10W1	856.	12.58	200.	52.	25.	2.83
	HYDROGRAPH AT							
+		261	202.	13.17	48.	13.	6.	.41
	HYDROGRAPH AT							
+		D247	0.	.00	0.	0.	0.	.50
	ROUTED TO							
+		R247	0.	.00	0.	0.	0.	.50
	2 COMBINED AT							
+		CP261	202.	13.17	48.	13.	6.	.91

+	DIVERSION TO	DI277	74.	13.17	16.	4.	2.	.91
+	HYDROGRAPH AT	D261	126.	13.17	31.	8.	4.	.91
+	ROUTED TO	R261	109.	13.75	31.	8.	4.	.91
+	HYDROGRAPH AT	274	261.	13.50	73.	18.	9.	.66
+	2 COMBINED AT	1I274	347.	13.58	104.	27.	13.	1.57
+	2 COMBINED AT	!10W2	894.	12.58	283.	74.	36.	18.76
+	DIVERSION TO	2D292	0.	.00	0.	0.	0.	18.76
+	HYDROGRAPH AT	D274	894.	12.58	283.	74.	36.	18.76
+	ROUTED TO	R10W2	884.	12.67	283.	74.	36.	18.76
+	HYDROGRAPH AT	275	117.	12.42	14.	3.	2.	.11
+	2 COMBINED AT	!10W3	956.	12.58	295.	77.	37.	19.01
+	DIVERSION TO	1D293	0.	.00	0.	0.	0.	19.01
+	HYDROGRAPH AT	D275	956.	12.58	295.	77.	37.	19.01
+	ROUTED TO	R10W3	925.	12.75	295.	77.	37.	19.01
+	HYDROGRAPH AT	276	167.	13.00	33.	8.	4.	.26
+	2 COMBINED AT	!10W4	1054.	12.83	325.	85.	41.	19.26
+	DIVERSION TO	2D293	0.	.00	0.	0.	0.	19.26
+	HYDROGRAPH AT	D276	1054.	12.83	325.	85.	41.	19.26
+	ROUTED TO	R10W4	1042.	12.92	325.	85.	41.	19.26
+	HYDROGRAPH AT	D248	1023.	13.58	331.	83.	40.	17.54
+	ROUTED TO	R248	1001.	13.92	330.	83.	40.	17.54
+	HYDROGRAPH AT	262	509.	13.25	121.	30.	15.	1.03
+	2 COMBINED AT	CP262	1235.	13.83	440.	111.	53.	18.57
+	DIVERSION TO	1D278	422.	13.83	150.	38.	18.	18.57
+	HYDROGRAPH AT	1D262	813.	13.83	290.	73.	35.	18.57
+	DIVERSION TO	DI263	569.	13.83	204.	52.	25.	18.57
+	HYDROGRAPH AT	2D262	244.	13.83	85.	21.	10.	18.57

	ROUTED TO							
+		R262	230.	14.67	85.	21.	10.	18.57
	HYDROGRAPH AT							
+		D261	74.	13.17	16.	4.	2.	.91
	ROUTED TO							
+		R261	27.	20.08	16.	4.	2.	.91
	HYDROGRAPH AT							
+		277	495.	13.08	109.	28.	13.	.91
	2 COMBINED AT							
+		1I277	492.	13.08	108.	32.	15.	1.82
	2 COMBINED AT							
+		2I277	463.	13.08	180.	51.	24.	19.48
	2 COMBINED AT							
+		!10W5	1483.	13.08	502.	135.	65.	20.76
	DIVERSION TO							
+		3D293	0.	.00	0.	0.	0.	20.76
	HYDROGRAPH AT							
+		D277	1483.	13.08	502.	135.	65.	20.76
	ROUTED TO							
+		R10W5	1483.	13.08	502.	135.	65.	20.76
	HYDROGRAPH AT							
+		279D	30.	12.17	2.	1.	0.	.02
	2 COMBINED AT							
+		!10W6	1483.	13.08	504.	135.	65.	21.06
	DIVERSION TO							
+		1D294	0.	.00	0.	0.	0.	21.06
	HYDROGRAPH AT							
+		D279D	1481.	13.08	504.	135.	65.	21.06
	ROUTED TO							
+		R10W6	1481.	13.08	504.	135.	65.	21.06
	HYDROGRAPH AT							
+		279C	129.	12.00	11.	4.	2.	.05
	2 COMBINED AT							
+		!10W7	1484.	13.08	511.	138.	67.	21.28
	ROUTED TO							
+		SR10W7	731.	14.00	508.	138.	67.	21.28
	DIVERSION TO							
+		2D294	0.	.00	0.	0.	0.	21.28
	HYDROGRAPH AT							
+		D279C	731.	14.00	508.	138.	67.	21.28
	ROUTED TO							
+		R10W7	731.	14.00	508.	138.	67.	21.28
	HYDROGRAPH AT							
+		279B	81.	12.00	8.	3.	1.	.03
	2 COMBINED AT							
+		!10W8	734.	14.00	513.	141.	68.	21.56
	DIVERSION TO							
+		1D294A	0.	.00	0.	0.	0.	21.56
	HYDROGRAPH AT							
+		D279B	734.	14.00	513.	141.	68.	21.56
	ROUTED TO							
+		R10W8	734.	14.00	513.	141.	68.	21.56
	HYDROGRAPH AT							
+		279A	177.	12.00	16.	5.	2.	.07

+	DIVERSION TO 279ART	177.	12.00	16.	5.	2.	.07
+	HYDROGRAPH AT 279AOT	0.	.00	0.	0.	0.	.07
+	2 COMBINED AT !10W9	734.	14.00	513.	141.	68.	22.26
+	DIVERSION TO 2D294A	0.	.00	0.	0.	0.	22.26
+	HYDROGRAPH AT D279A	733.	14.00	512.	140.	68.	22.26
+	ROUTED TO R10W9	733.	14.00	512.	140.	68.	22.26
+	HYDROGRAPH AT 279	71.	12.25	6.	2.	1.	.05
+	2 COMBINED AT !10W10	732.	14.00	517.	142.	68.	22.76
+	HYDROGRAPH AT 2D262	569.	13.83	204.	52.	25.	18.57
+	ROUTED TO R262	554.	14.17	203.	52.	25.	18.57
+	HYDROGRAPH AT 263	291.	13.08	63.	16.	8.	.50
+	2 COMBINED AT CP263	611.	14.00	260.	67.	32.	19.07
+	DIVERSION TO 2D278	432.	14.00	184.	47.	23.	19.07
+	HYDROGRAPH AT D263	178.	14.00	76.	19.	9.	19.07
+	ROUTED TO R263	175.	14.33	76.	19.	9.	19.07
+	HYDROGRAPH AT D249	46.	13.25	13.	3.	2.	28.84
+	ROUTED TO R249	40.	14.58	13.	3.	2.	28.84
+	HYDROGRAPH AT 264	318.	13.00	66.	16.	8.	.50
+	2 COMBINED AT 1I264	290.	13.00	72.	18.	9.	29.34
+	2 COMBINED AT CP264	332.	13.08	144.	37.	18.	30.87
+	ROUTED TO R264	301.	14.17	137.	37.	18.	30.87
+	HYDROGRAPH AT 1D262	422.	13.83	150.	38.	18.	18.57
+	ROUTED TO R262	281.	16.08	149.	38.	18.	18.57
+	HYDROGRAPH AT D263	432.	14.00	184.	47.	23.	19.07
+	ROUTED TO R263	405.	15.33	173.	47.	23.	19.07
+	2 COMBINED AT 1I278	622.	15.92	322.	85.	41.	19.07
+	2 COMBINED AT 2I278	753.	15.83	439.	118.	57.	30.87

	HYDROGRAPH AT							
+		278	452.	13.33	115.	29.	14.	1.00
	HYDROGRAPH AT							
+		DCP265	612.	13.67	300.	189.	113.	33.58
	ROUTED TO							
+		RLP10	610.	13.75	300.	188.	112.	33.58
	2 COMBINED AT							
+		!LP11	979.	13.33	390.	212.	124.	35.83
	ROUTED TO							
+		RLP11	978.	13.33	390.	212.	124.	35.83
	2 COMBINED AT							
+		!LP12	1037.	14.00	787.	328.	180.	36.00
	2 COMBINED AT							
+		ILP12	1746.	14.00	1257.	458.	244.	38.55
	ROUTED TO							
+		SRLP12	525.	18.50	446.	276.	156.	38.55
	DIVERSION TO							
+		3D294A	525.	18.50	446.	276.	156.	38.55
	HYDROGRAPH AT							
+		D279	0.	.00	0.	0.	0.	38.55
	ROUTED TO							
+		R279	0.	.00	0.	0.	0.	38.55
	HYDROGRAPH AT							
+		280	267.	13.33	68.	17.	8.	.61
	HYDROGRAPH AT							
+		D281	33.	14.42	9.	3.	1.	28.12
	ROUTED TO							
+		R281	32.	14.50	9.	3.	1.	28.12
	2 COMBINED AT							
+		1I280	267.	13.33	78.	20.	10.	36.47
	2 COMBINED AT							
+		CP280	231.	13.33	66.	17.	8.	43.77
	ROUTED TO							
+		SR280	150.	13.83	66.	17.	8.	43.77
	ROUTED TO							
+		R280	142.	15.08	66.	17.	8.	43.77
	HYDROGRAPH AT							
+		280A	50.	12.75	8.	2.	1.	.06
	2 COMBINED AT							
+		CP280A	142.	15.08	70.	19.	9.	43.83
	ROUTED TO							
+		SR280A	105.	16.42	30.	8.	4.	43.83
	ROUTED TO							
+		R280A	97.	17.00	30.	8.	4.	43.83
	HYDROGRAPH AT							
+		296	388.	12.58	64.	19.	9.	.38
	2 COMBINED AT							
+		CP296	343.	12.58	72.	24.	12.	44.21
	DIVERSION TO							
+		296OUT	343.	12.58	67.	19.	9.	44.21
	HYDROGRAPH AT							
+		296RET	83.	17.50	21.	6.	3.	44.21
	ROUTED TO							
+		R296	33.	20.83	19.	6.	3.	44.21

	HYDROGRAPH AT							
+		312	413.	13.17	110.	33.	16.	.66
	DIVERSION TO							
+		312R	413.	13.17	92.	25.	12.	.66
	HYDROGRAPH AT							
+		312T	163.	14.00	28.	8.	4.	.66
	3 COMBINED AT							
+		CP312	233.	17.33	134.	47.	23.	47.40
	ROUTED TO							
+		R312	211.	19.17	127.	45.	22.	47.40
	HYDROGRAPH AT							
+		331	473.	13.08	110.	29.	14.	.75
	DIVERSION TO							
+		331R	268.	12.58	27.	7.	4.	.75
	HYDROGRAPH AT							
+		331T	473.	13.08	85.	22.	11.	.75
	2 COMBINED AT							
+		1I331	416.	13.08	129.	63.	30.	48.15
	HYDROGRAPH AT							
+		295A	106.	12.08	7.	2.	1.	.06
	ROUTED TO							
+		R295A	50.	13.17	7.	2.	1.	.06
	HYDROGRAPH AT							
+		311A	248.	12.92	49.	12.	6.	.31
	2 COMBINED AT							
+		CP311A	267.	12.92	56.	14.	7.	.37
	ROUTED TO							
+		R311A	233.	13.75	56.	14.	7.	.37
	2 COMBINED AT							
+		CP331	427.	13.08	133.	75.	36.	48.52
	HYDROGRAPH AT							
+		D279	525.	18.50	446.	276.	156.	38.55
	ROUTED TO							
+		RLP12	525.	18.58	446.	276.	156.	38.55
	DIVERSION TO							
+		DILP13	525.	18.58	446.	276.	156.	38.55
	HYDROGRAPH AT							
+		2DLP12	0.	.00	0.	0.	0.	38.55
	HYDROGRAPH AT							
+		294A	338.	12.25	30.	8.	4.	.26
	2 COMBINED AT							
+		1I294A	297.	12.25	26.	7.	3.	36.40
	HYDROGRAPH AT							
+		D279B	0.	.00	0.	0.	0.	21.56
	ROUTED TO							
+		R279B	0.	.00	0.	0.	0.	21.56
	2 COMBINED AT							
+		2I294A	297.	12.25	26.	7.	3.	36.40
	HYDROGRAPH AT							
+		D279A	0.	.00	0.	0.	0.	22.26
	ROUTED TO							
+		R279A	0.	.00	0.	0.	0.	22.26
	2 COMBINED AT							
+		R279A	297.	12.25	26.	7.	3.	36.40

	ROUTED TO							
+		SR294A	295.	12.33	18.	5.	2.	36.40
	ROUTED TO							
+		R294A	152.	12.58	18.	5.	2.	36.40
	HYDROGRAPH AT							
+		295	486.	12.25	53.	15.	7.	.31
	DIVERSION TO							
+		295RET	187.	11.92	10.	3.	1.	.31
	HYDROGRAPH AT							
+		295OUT	486.	12.25	46.	12.	6.	.31
	HYDROGRAPH AT							
+		2DLP12	525.	18.58	446.	276.	156.	38.55
	3 COMBINED AT							
+		!LP13	523.	18.58	445.	276.	162.	39.62
	ROUTED TO							
+		RLP13	523.	18.67	445.	276.	162.	39.62
	HYDROGRAPH AT							
+		311	398.	13.33	108.	29.	14.	.73
	DIVERSION TO							
+		311R	335.	13.08	46.	12.	6.	.73
	HYDROGRAPH AT							
+		311T	398.	13.33	67.	17.	8.	.73
	2 COMBINED AT							
+		!LP14	524.	18.67	446.	282.	168.	40.35
	ROUTED TO							
+		SRLP14	397.	21.42	371.	253.	142.	40.35
	ROUTED TO							
+		RLP14	396.	21.50	371.	253.	141.	40.35
	HYDROGRAPH AT							
+		330	503.	12.67	89.	25.	12.	.59
	DIVERSION TO							
+		330R	503.	12.67	58.	15.	7.	.59
	HYDROGRAPH AT							
+		330T	357.	12.92	36.	10.	5.	.59
	2 COMBINED AT							
+		1I330	406.	21.42	378.	256.	146.	38.03
	2 COMBINED AT							
+		!LP15	658.	13.08	483.	299.	178.	45.87
	ROUTED TO							
+		RLP15	635.	13.17	483.	298.	178.	45.87
	HYDROGRAPH AT							
+		346A	102.	13.00	21.	5.	3.	.16
	2 COMBINED AT							
+		!LP16	719.	13.08	483.	301.	180.	46.03
	ROUTED TO							
+		SRLP16	336.	26.75	325.	243.	130.	46.03
	DIVERSION TO							
+		2D378	336.	26.75	325.	243.	130.	46.03
	HYDROGRAPH AT							
+		2DLP16	0.	.00	0.	0.	0.	46.03
	DIVERSION TO							
+		DI346C	0.	.00	0.	0.	0.	46.03
	HYDROGRAPH AT							
+		D346A	0.	.00	0.	0.	0.	46.03

	ROUTED TO						
+		R346A	0.	.00	0.	0.	0.	46.03
	HYDROGRAPH AT						
+		D285B	0.	.00	0.	0.	0.	36.31
	ROUTED TO						
+		R285B	0.	.00	0.	0.	0.	36.31
	HYDROGRAPH AT						
+		297	211.	13.17	51.	14.	7.	.38
	DIVERSION TO						
+		297R	172.	12.92	20.	5.	3.	.38
	HYDROGRAPH AT						
+		297T	211.	13.17	33.	9.	4.	.38
	2 COMBINED AT						
+		CP297	187.	13.17	27.	7.	3.	36.74
	ROUTED TO						
+		SR297	0.	.00	0.	0.	0.	36.74
	ROUTED TO						
+		R297	0.	.00	0.	0.	0.	36.74
	HYDROGRAPH AT						
+		313	698.	12.17	78.	24.	11.	.43
	DIVERSION TO						
+		313R	698.	12.17	69.	18.	9.	.43
	HYDROGRAPH AT						
+		313T	102.	12.67	16.	5.	2.	.43
	2 COMBINED AT						
+		CP313	18.	12.67	8.	3.	1.	37.12
	ROUTED TO						
+		R313	11.	15.83	7.	3.	1.	37.12
	HYDROGRAPH AT						
+		332	319.	13.17	80.	22.	11.	.56
	DIVERSION TO						
+		332R	238.	12.92	30.	8.	4.	.56
	HYDROGRAPH AT						
+		332T	319.	13.17	54.	14.	7.	.56
	2 COMBINED AT						
+		CP332	283.	13.17	51.	14.	7.	37.68
	ROUTED TO						
+		R332	132.	15.00	49.	14.	7.	37.68
	HYDROGRAPH AT						
+		347	544.	13.08	118.	30.	14.	1.02
	2 COMBINED AT						
+		1I347	481.	13.08	145.	41.	20.	38.70
	2 COMBINED AT						
+		2I347	469.	13.08	140.	39.	19.	52.64
	HYDROGRAPH AT						
+		D348	0.	.00	0.	0.	0.	.34
	ROUTED TO						
+		R348	0.	.00	0.	0.	0.	.34
	2 COMBINED AT						
+		CP347	469.	13.08	140.	39.	19.	52.98
	ROUTED TO						
+		SR347	451.	13.17	140.	39.	19.	52.98
	ROUTED TO						
+		R347	378.	13.92	133.	39.	19.	52.98

	2 COMBINED AT							
+		CP362	808.	13.92	470.	147.	71.	5.70
	ROUTED TO							
+		SR362	740.	15.08	407.	128.	61.	5.70
	ROUTED TO							
+		R362	702.	16.83	399.	128.	61.	5.70
	HYDROGRAPH AT							
+		378	415.	13.42	117.	29.	14.	.78
	HYDROGRAPH AT							
+		2DLP16	336.	26.75	325.	243.	130.	46.03
	ROUTED TO							
+		RLP16	336.	27.00	325.	243.	129.	46.03
	2 COMBINED AT							
+		!LP17	386.	25.92	371.	271.	159.	46.81
	3 COMBINED AT							
+		AFR11	3540.	14.17	2810.	1354.	710.	151.98
	HYDROGRAPH AT							
+		225	488.	12.42	74.	22.	11.	.43
	DIVERSION TO							
+		225R	488.	12.42	50.	14.	6.	.43
	HYDROGRAPH AT							
+		225T	345.	12.67	30.	8.	4.	.43
	HYDROGRAPH AT							
+		225A	457.	12.42	59.	17.	8.	.37
	DIVERSION TO							
+		225AR	394.	12.25	27.	7.	3.	.37
	HYDROGRAPH AT							
+		225AT	457.	12.42	36.	10.	5.	.37
	2 COMBINED AT							
+		CP225	594.	12.67	65.	18.	8.	.80
	ROUTED TO							
+		SR225	30.	13.75	26.	16.	8.	.80
	ROUTED TO							
+		R225	30.	14.83	26.	15.	8.	.80
	HYDROGRAPH AT							
+		242	1187.	12.17	117.	35.	17.	.71
	DIVERSION TO							
+		242R	1187.	12.17	80.	22.	10.	.71
	HYDROGRAPH AT							
+		242T	734.	12.33	47.	13.	6.	.71
	2 COMBINED AT							
+		!!C242	727.	12.33	65.	28.	14.	1.94
	ROUTED TO							
+		R242	454.	12.50	63.	27.	14.	1.94
	HYDROGRAPH AT							
+		243A	353.	12.08	30.	9.	4.	.18
	DIVERSION TO							
+		243AR	353.	12.08	28.	7.	4.	.18
	HYDROGRAPH AT							
+		243AT	18.	12.42	5.	2.	1.	.18
	2 COMBINED AT							
+		!!243A	460.	12.50	67.	29.	15.	1.81
	ROUTED TO							
+		R243A	330.	12.67	65.	29.	15.	1.81

+	HYDROGRAPH AT	227	333.	12.25	32.	8.	4.	.23
+	DIVERSION TO	227R	193.	12.00	9.	2.	1.	.23
+	HYDROGRAPH AT	227T	333.	12.25	24.	6.	3.	.23
+	ROUTED TO	R227	227.	12.67	24.	6.	3.	.23
+	HYDROGRAPH AT	228	326.	12.33	32.	8.	4.	.28
+	ROUTED TO	R228	288.	12.58	32.	8.	4.	.28
+	HYDROGRAPH AT	229	750.	12.17	73.	21.	10.	.51
+	3 COMBINED AT	CP229	789.	12.25	127.	34.	17.	1.02
+	DIVERSION TO	1D230	171.	12.25	28.	7.	4.	1.02
+	HYDROGRAPH AT	1D229	617.	12.25	99.	27.	13.	1.02
+	DIVERSION TO	DI231	157.	12.25	25.	7.	3.	1.02
+	HYDROGRAPH AT	2D229	461.	12.25	74.	20.	10.	1.02
+	ROUTED TO	R229	423.	12.50	74.	20.	10.	1.02
+	HYDROGRAPH AT	230A	291.	12.17	22.	6.	3.	.18
+	2 COMBINED AT	CP230A	539.	12.25	95.	26.	12.	1.20
+	DIVERSION TO	2D230	472.	12.25	81.	21.	10.	1.20
+	HYDROGRAPH AT	D230A	67.	12.25	14.	4.	2.	1.20
+	ROUTED TO	R230A	61.	12.75	14.	4.	2.	1.20
+	HYDROGRAPH AT	244A	227.	12.08	16.	4.	2.	.11
+	DIVERSION TO	244AR	222.	12.00	11.	3.	1.	.11
+	HYDROGRAPH AT	244AT	156.	12.17	5.	1.	1.	.11
+	2 COMBINED AT	CP244A	154.	12.17	19.	5.	3.	1.51
+	ROUTED TO	R244A	55.	13.33	19.	5.	3.	1.51
+	HYDROGRAPH AT	244	135.	13.00	34.	10.	5.	.19
+	DIVERSION TO	244R	135.	13.00	29.	8.	4.	.19
+	HYDROGRAPH AT	244T	44.	13.83	9.	3.	1.	.19
+	2 COMBINED AT	1I244	88.	13.83	27.	8.	4.	1.50

+	HYDROGRAPH AT	1D229	171.	12.25	28.	7.	4.	1.02
+	ROUTED TO	R229	158.	12.42	28.	7.	4.	1.02
+	HYDROGRAPH AT	230	55.	12.33	7.	2.	1.	.04
+	2 COMBINED AT	1I230	208.	12.33	34.	9.	4.	1.06
+	HYDROGRAPH AT	D230A	472.	12.25	81.	21.	10.	1.20
+	ROUTED TO	R230A	457.	12.33	81.	21.	10.	1.20
+	2 COMBINED AT	CP230	665.	12.33	115.	31.	15.	1.24
+	ROUTED TO	R230	624.	12.50	115.	31.	15.	1.24
+	2 COMBINED AT	CP244	647.	12.50	140.	38.	19.	1.54
+	DIVERSION TO	DI245	585.	12.50	107.	27.	13.	1.54
+	HYDROGRAPH AT	D244	62.	12.50	33.	12.	6.	1.54
+	ROUTED TO	R244	61.	12.92	33.	12.	6.	1.54
+	HYDROGRAPH AT	244B	62.	12.50	11.	3.	2.	.06
+	DIVERSION TO	244BR	62.	12.50	9.	3.	1.	.06
+	HYDROGRAPH AT	244BT	15.	13.00	3.	1.	0.	.06
+	3 COMBINED AT	!!244B	387.	12.67	100.	40.	21.	1.60
+	ROUTED TO	R244B	377.	12.75	100.	40.	21.	1.60
+	HYDROGRAPH AT	2D229	157.	12.25	25.	7.	3.	1.02
+	ROUTED TO	R229	123.	12.92	25.	7.	3.	1.02
+	HYDROGRAPH AT	231	303.	12.42	33.	8.	4.	.35
+	2 COMBINED AT	CP231	318.	12.50	58.	15.	7.	1.37
+	ROUTED TO	R231	223.	13.75	57.	15.	7.	1.37
+	HYDROGRAPH AT	D244	585.	12.50	107.	27.	13.	1.54
+	ROUTED TO	R244	472.	13.50	107.	27.	13.	1.54
+	2 COMBINED AT	1I245	637.	13.67	162.	42.	20.	1.80
+	HYDROGRAPH AT	245	168.	12.83	34.	10.	5.	.24
+	DIVERSION TO	245RET	142.	12.67	15.	4.	2.	.24

+	HYDROGRAPH AT	245OUT	168.	12.83	21.	6.	3.	.24
+	3 COMBINED AT	!!C245	772.	13.67	278.	86.	43.	4.16
+	2 COMBINED AT	AFR121	3954.	14.17	2956.	1408.	737.	156.14
+	HYDROGRAPH AT	!!242A	229.	12.00	16.	5.	2.	.10
+	DIVERSION TO	242AR	65.	11.83	5.	1.	1.	.10
+	HYDROGRAPH AT	242AT	229.	12.00	13.	3.	2.	.10
+	ROUTED TO	R242A	115.	12.42	13.	3.	2.	.10
+	HYDROGRAPH AT	242B	669.	12.17	65.	19.	9.	.41
+	DIVERSION TO	242BR	618.	12.17	40.	11.	5.	.41
+	HYDROGRAPH AT	242BT	556.	12.25	31.	8.	4.	.41
+	2 COMBINED AT	!!242B	652.	12.25	43.	12.	6.	.40
+	ROUTED TO	R242B	527.	12.42	43.	12.	6.	.40
+	HYDROGRAPH AT	243B	132.	12.25	16.	5.	2.	.09
+	DIVERSION TO	243BR	132.	12.25	11.	3.	1.	.09
+	HYDROGRAPH AT	243BT	78.	12.42	6.	2.	1.	.09
+	2 COMBINED AT	CP243B	601.	12.42	49.	14.	7.	.54
+	ROUTED TO	R243B	395.	12.67	48.	14.	7.	.54
+	HYDROGRAPH AT	243	318.	12.08	25.	7.	3.	.15
+	DIVERSION TO	243R	303.	12.00	14.	4.	2.	.15
+	HYDROGRAPH AT	243T	269.	12.08	12.	3.	2.	.15
+	2 COMBINED AT	!!C243	404.	12.67	60.	17.	8.	.54
+	ROUTED TO	R243	350.	12.83	59.	17.	8.	.54
+	HYDROGRAPH AT	245A	132.	12.17	9.	2.	1.	.09
+	2 COMBINED AT	!!245A	349.	12.83	67.	19.	9.	1.46
+	ROUTED TO	RR245A	264.	13.25	66.	19.	9.	1.46
+	HYDROGRAPH AT	258	375.	12.42	45.	12.	6.	.38
+	DIVERSION TO	258R	183.	12.08	9.	2.	1.	.38

+	HYDROGRAPH AT 258T	375.	12.42	37.	10.	5.	.38
+	ROUTED TO SR258	0.	.00	0.	0.	0.	.38
+	3 COMBINED AT AFR122	4312.	14.08	3224.	1568.	824.	74.98
+	2 COMBINED AT RCP258	4312.	14.08	3224.	1568.	824.	74.98
+	HYDROGRAPH AT 258A	165.	12.25	19.	6.	3.	.12
+	DIVERSION TO 258AR	165.	12.25	12.	3.	2.	.12
+	HYDROGRAPH AT 258AT	123.	12.42	8.	2.	1.	.12
+	DIVERSION TO DI272	102.	12.42	7.	2.	1.	.12
+	HYDROGRAPH AT 1D258A	21.	12.42	1.	0.	0.	.12
+	DIVERSION TO DI259	14.	12.42	0.	0.	0.	.12
+	HYDROGRAPH AT 2D258A	7.	12.42	0.	0.	0.	.12
+	ROUTED TO R258A	3.	12.92	0.	0.	0.	.12
+	HYDROGRAPH AT 271C	242.	12.58	40.	12.	6.	.18
+	DIVERSION TO 271CR	242.	12.58	28.	7.	4.	.18
+	HYDROGRAPH AT 271CT	152.	12.83	15.	4.	2.	.18
+	2 COMBINED AT CP271C	152.	12.83	14.	4.	2.	.79
+	ROUTED TO SR271C	0.	.00	0.	0.	0.	.79
+	ROUTED TO R271C	0.	.00	0.	0.	0.	.79
+	HYDROGRAPH AT D258A	14.	12.42	0.	0.	0.	.12
+	ROUTED TO R258A	4.	12.83	0.	0.	0.	.12
+	HYDROGRAPH AT 259	263.	12.17	21.	5.	3.	.20
+	2 COMBINED AT CP259	262.	12.17	21.	5.	3.	.32
+	ROUTED TO SR259	0.	.00	0.	0.	0.	.32
+	ROUTED TO R259	0.	.00	0.	0.	0.	.32
+	HYDROGRAPH AT D258A	102.	12.42	7.	2.	1.	.12
+	ROUTED TO R258A	65.	12.67	7.	2.	1.	.12
+	2 COMBINED AT 1I272	62.	12.67	7.	2.	1.	.32

+	HYDROGRAPH AT	272	267.	12.25	22.	6.	3.	.20
+	2 COMBINED AT	2I272	264.	12.25	29.	8.	4.	.52
+	2 COMBINED AT	CP272	262.	12.25	29.	8.	4.	1.19
+	ROUTED TO	SR272	0.	.00	0.	0.	0.	1.19
+	HYDROGRAPH AT	290	516.	12.67	90.	26.	12.	.55
+	DIVERSION TO	290R	463.	12.50	44.	12.	6.	.55
+	HYDROGRAPH AT	290T	516.	12.67	52.	14.	7.	.55
+	ROUTED TO	SR290	257.	13.08	52.	14.	7.	.55
+	DIVERSION TO	DI291	125.	13.08	8.	2.	1.	.55
+	HYDROGRAPH AT	D290	132.	13.08	43.	12.	6.	.55
+	3 COMBINED AT	AFR132	4424.	14.08	3245.	1577.	828.	75.39
+	HYDROGRAPH AT	D290	125.	13.08	8.	2.	1.	.55
+	ROUTED TO	R290	28.	17.92	8.	2.	1.	.55
+	HYDROGRAPH AT	291	1555.	12.17	148.	43.	21.	.99
+	DIVERSION TO	291R	1555.	12.17	138.	36.	17.	.99
+	HYDROGRAPH AT	291T	96.	12.50	21.	7.	3.	.99
+	2 COMBINED AT	CP291	87.	12.75	26.	9.	4.	1.54
+	ROUTED TO	SR291	53.	12.92	26.	9.	4.	1.54
+	ROUTED TO	R291	42.	14.17	25.	9.	4.	1.54
+	HYDROGRAPH AT	287E	375.	12.17	47.	16.	8.	.20
+	DIVERSION TO	287ER	375.	12.17	42.	12.	6.	.20
+	HYDROGRAPH AT	287ET	41.	12.50	13.	4.	2.	.20
+	2 COMBINED AT	I287E	55.	14.17	33.	13.	6.	1.74
+	HYDROGRAPH AT	288A	63.	12.50	13.	4.	2.	.07
+	DIVERSION TO	288AR	63.	12.50	13.	4.	2.	.07
+	HYDROGRAPH AT	288AT	0.	.00	0.	0.	0.	.07
+	ROUTED TO	R288A	0.	.00	0.	0.	0.	.07

+	HYDROGRAPH AT	287A	270.	12.58	61.	18.	9.	.34
+	HYDROGRAPH AT	D287	478.	13.42	245.	82.	39.	44.64
+	ROUTED TO	RADOT	457.	13.67	243.	82.	39.	44.64
+	3 COMBINED AT	CP287A	511.	13.58	268.	95.	47.	46.77
+	ROUTED TO	SR287A	55.	14.17	55.	55.	39.	46.77
+	ROUTED TO	R287A	55.	15.08	55.	55.	39.	46.77
+	HYDROGRAPH AT	254	434.	12.17	34.	9.	4.	.28
+	DIVERSION TO	254RET	434.	12.17	34.	9.	4.	.28
+	HYDROGRAPH AT	254OUT	0.	.00	0.	0.	0.	.28
+	ROUTED TO	R254	0.	.00	0.	0.	0.	.28
+	HYDROGRAPH AT	254B	246.	12.08	15.	4.	2.	.13
+	2 COMBINED AT	CP254B	244.	12.08	15.	4.	2.	.43
+	ROUTED TO	R254B	206.	12.25	15.	4.	2.	.43
+	HYDROGRAPH AT	269	420.	12.17	44.	14.	7.	.23
+	DIVERSION TO	269R	420.	12.17	41.	11.	5.	.23
+	HYDROGRAPH AT	269T	23.	12.58	7.	2.	1.	.23
+	2 COMBINED AT	CP269	206.	12.25	22.	6.	3.	.69
+	ROUTED TO	R269	185.	12.33	21.	6.	3.	.69
+	HYDROGRAPH AT	269B	394.	12.17	40.	12.	6.	.27
+	DIVERSION TO	269BR	394.	12.17	28.	8.	4.	.27
+	HYDROGRAPH AT	269BT	246.	12.33	15.	4.	2.	.27
+	ROUTED TO	R269B	127.	12.58	15.	4.	2.	.27
+	HYDROGRAPH AT	268	523.	12.08	47.	15.	7.	.24
+	DIVERSION TO	268R	523.	12.08	47.	14.	7.	.24
+	HYDROGRAPH AT	268T	2.	19.42	1.	0.	0.	.24
+	3 COMBINED AT	CP268	254.	12.50	35.	10.	5.	1.24
+	DIVERSION TO	D288B	0.	.00	0.	0.	0.	1.24

+	HYDROGRAPH AT	DI2881	254.	12.50	35.	10.	5.	1.24
+	ROUTED TO	R268	245.	12.58	35.	10.	5.	1.24
+	HYDROGRAPH AT	288B	945.	12.58	159.	47.	23.	.93
+	DIVERSION TO	288BR	945.	12.58	156.	43.	21.	.93
+	HYDROGRAPH AT	288BT	22.	13.58	11.	4.	2.	.93
+	2 COMBINED AT	CP288B	245.	12.58	43.	15.	7.	2.34
+	DIVERSION TO	D288B	0.	.00	0.	0.	0.	2.34
+	HYDROGRAPH AT	DI2882	240.	12.58	41.	14.	7.	2.34
+	ROUTED TO	R288B	228.	12.67	41.	14.	7.	2.34
+	HYDROGRAPH AT	287B	162.	12.17	24.	8.	4.	.10
+	3 COMBINED AT	CP287B	280.	12.58	100.	71.	51.	2.84
+	ROUTED TO	SR287B	73.	20.42	71.	61.	43.	2.84
+	ROUTED TO	R287B	73.	21.25	71.	61.	42.	2.84
+	HYDROGRAPH AT	2711	226.	12.00	17.	5.	2.	.11
+	HYDROGRAPH AT	254A	336.	12.08	31.	9.	4.	.20
+	DIVERSION TO	254AR	336.	12.08	24.	6.	3.	.20
+	HYDROGRAPH AT	254AT	137.	12.33	10.	3.	1.	.20
+	ROUTED TO	R254A	56.	12.58	9.	3.	1.	.20
+	2 COMBINED AT	CP2711	226.	12.00	26.	8.	4.	.33
+	ROUTED TO	R2711	227.	12.08	25.	8.	4.	.33
+	HYDROGRAPH AT	257	203.	13.42	65.	20.	10.	.34
+	DIVERSION TO	257R	203.	13.42	51.	14.	7.	.34
+	HYDROGRAPH AT	257T	101.	14.25	20.	6.	3.	.34
+	DIVERSION TO	DI271A	33.	14.25	2.	1.	0.	.34
+	HYDROGRAPH AT	D257	68.	14.25	18.	5.	3.	.34
+	ROUTED TO	R257	44.	15.67	17.	5.	3.	.34
+	HYDROGRAPH AT	256	282.	12.83	78.	24.	11.	.43

+	DIVERSION TO	256R	282.	12.83	60.	16.	8.	.43
+	HYDROGRAPH AT	256T	130.	13.58	26.	8.	4.	.43
+	2 COMBINED AT	CP256	129.	13.58	40.	13.	6.	.77
+	HYDROGRAPH AT	SUB6	183.	12.17	19.	5.	3.	.10
+	HYDROGRAPH AT	SUB7	413.	12.17	35.	9.	4.	.24
+	DIVERSION TO	DI255A	206.	12.17	18.	5.	2.	.24
+	HYDROGRAPH AT	D7	206.	12.17	18.	5.	2.	.24
+	3 COMBINED AT	I2712	384.	12.17	69.	22.	11.	1.11
+	ROUTED TO	R256	330.	12.33	69.	22.	11.	1.11
+	HYDROGRAPH AT	271A	241.	12.58	39.	12.	6.	.24
+	DIVERSION TO	271AR	241.	12.58	28.	7.	4.	.24
+	HYDROGRAPH AT	271AT	152.	12.83	15.	4.	2.	.24
+	HYDROGRAPH AT	D257	33.	14.25	2.	1.	0.	.34
+	ROUTED TO	R257	12.	14.83	2.	1.	0.	.34
+	2 COMBINED AT	CP271A	151.	12.83	16.	5.	2.	.48
+	2 COMBINED AT	1I271A	330.	12.33	84.	27.	13.	1.59
+	ROUTED TO	R271A	276.	12.58	82.	27.	13.	1.59
+	HYDROGRAPH AT	255A	916.	12.25	92.	25.	12.	.60
+	HYDROGRAPH AT	D7	206.	12.17	18.	5.	2.	.24
+	2 COMBINED AT	CP255A	1107.	12.17	109.	29.	14.	.84
+	ROUTED TO	R255	1087.	12.25	109.	29.	14.	.84
+	ROUTED TO	R2712	1067.	12.33	109.	29.	14.	.84
+	HYDROGRAPH AT	2712	737.	12.17	70.	21.	10.	.46
+	3 COMBINED AT	I2712	1693.	12.25	255.	76.	37.	1.11
+	ROUTED TO	SR271	1043.	12.50	254.	76.	37.	1.11
+	ROUTED TO	R271	1039.	12.58	254.	76.	37.	1.11
+	2 COMBINED AT	MERGE	1092.	12.58	278.	83.	40.	1.34

+	ROUTED TO R271_1	1088.	12.58	278.	83.	40.	1.34
+	HYDROGRAPH AT 270	548.	12.08	54.	17.	8.	.29
+	2 COMBINED AT !!2712	1216.	12.17	327.	99.	48.	1.77
+	ROUTED TO R2712	1205.	12.33	327.	99.	48.	1.77
+	HYDROGRAPH AT 289C	429.	12.17	50.	14.	7.	.30
+	DIVERSION TO 289CR	429.	12.17	27.	7.	3.	.30
+	HYDROGRAPH AT 289CT	356.	12.33	26.	7.	3.	.30
+	2 COMBINED AT CP289C	1548.	12.33	349.	105.	51.	3.11
+	ROUTED TO R289C	1345.	12.67	348.	105.	51.	3.11
+	HYDROGRAPH AT 289A	326.	12.17	33.	10.	5.	.21
+	DIVERSION TO 289AR	277.	12.08	16.	4.	2.	.21
+	HYDROGRAPH AT 289AT	325.	12.17	20.	5.	3.	.21
+	ROUTED TO R289A	134.	12.67	19.	5.	3.	.21
+	HYDROGRAPH AT 289B	567.	12.08	54.	16.	8.	.29
+	DIVERSION TO 289BR	567.	12.08	45.	12.	6.	.29
+	HYDROGRAPH AT 289BT	142.	12.42	13.	4.	2.	.29
+	3 COMBINED AT CP289B	1504.	12.67	377.	113.	55.	3.63
+	ROUTED TO SR289B	1202.	13.08	377.	113.	55.	3.63
+	ROUTED TO R289B	1199.	13.08	376.	113.	55.	3.63
+	HYDROGRAPH AT 289D	403.	12.17	45.	14.	6.	.26
+	DIVERSION TO 289DR	403.	12.17	45.	13.	6.	.26
+	HYDROGRAPH AT 289DT	1.	18.17	1.	0.	0.	.26
+	2 COMBINED AT CP289D	1199.	13.08	376.	113.	55.	3.88
+	ROUTED TO SR289D	1044.	13.50	375.	113.	55.	3.88
+	ROUTED TO R289D	1042.	13.58	374.	113.	55.	3.88
+	HYDROGRAPH AT 289	495.	12.17	48.	14.	7.	.27
+	DIVERSION TO 289R	495.	12.17	48.	14.	7.	.27

+	HYDROGRAPH AT 289T	0.	.00	0.	0.	0.	.27
+	2 COMBINED AT CP289	1042.	13.58	374.	113.	55.	4.31
+	ROUTED TO SR289	935.	14.00	373.	113.	55.	4.31
+	ROUTED TO R289	933.	14.08	373.	113.	55.	4.31
+	HYDROGRAPH AT 287C	300.	12.25	55.	18.	9.	.23
+	2 COMBINED AT 1I287C	954.	14.00	414.	130.	63.	4.54
+	2 COMBINED AT CP287C	977.	14.08	443.	179.	105.	7.36
+	ROUTED TO SR287C	460.	15.00	351.	169.	97.	7.36
+	ROUTED TO R287C	459.	15.75	350.	169.	96.	7.36
+	HYDROGRAPH AT 287D	238.	12.67	49.	16.	7.	.23
+	2 COMBINED AT CP287D	467.	15.75	357.	179.	103.	7.59
+	ROUTED TO SR287D	68.	33.00	68.	67.	48.	7.59
+	ROUTED TO R287D	68.	33.25	68.	67.	47.	7.59
+	2 COMBINED AT 1RC302	65.	23.83	63.	62.	45.	85.71
+	DIVERSION TO DI302	58.	23.83	58.	58.	42.	85.71
+	HYDROGRAPH AT D287E	7.	23.83	5.	4.	2.	85.71
+	2 COMBINED AT AFR14	5516.	14.00	4230.	2133.	1128.	1.74
+	HYDROGRAPH AT D278E	58.	23.83	58.	58.	42.	85.71
+	ROUTED TO R287E	58.	24.17	58.	58.	42.	85.71
+	HYDROGRAPH AT 302	280.	12.17	40.	14.	7.	.15
+	DIVERSION TO 302R	280.	12.17	29.	8.	4.	.15
+	HYDROGRAPH AT 302T	148.	12.42	18.	5.	3.	.15
+	2 COMBINED AT CP302	151.	12.42	67.	61.	46.	1.89
+	ROUTED TO SR302	62.	23.92	60.	59.	42.	1.89
+	DIVERSION TO DI320	12.	23.92	11.	9.	5.	1.89
+	HYDROGRAPH AT D302	49.	23.83	49.	49.	36.	1.89
+	2 COMBINED AT RCP302	5697.	14.00	4231.	2200.	1179.	85.71

+	HYDROGRAPH AT	D302	12.	23.92	11.	9.	5.	1.89
+	ROUTED TO	R302	12.	25.00	10.	9.	5.	1.89
+	HYDROGRAPH AT	320	766.	12.42	108.	32.	15.	.64
+	2 COMBINED AT	CP320	757.	12.42	106.	34.	20.	2.53
+	ROUTED TO	SR320	56.	13.33	51.	32.	20.	2.53
+	DIVERSION TO	DI338A	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT	D320	56.	13.33	51.	32.	20.	2.53
+	2 COMBINED AT	AF152A	5828.	14.00	4337.	2266.	1217.	86.35
+	HYDROGRAPH AT	D320	0.	.00	0.	0.	0.	2.53
+	ROUTED TO	R320	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT	338A	866.	12.42	126.	39.	19.	.77
+	DIVERSION TO	338AR	192.	11.92	26.	8.	4.	.77
+	HYDROGRAPH AT	338AT	866.	12.42	113.	31.	15.	.77
+	2 COMBINED AT	CP338A	855.	12.42	112.	30.	15.	3.30
+	ROUTED TO	SR338A	740.	12.50	110.	30.	15.	3.30
+	ROUTED TO	R338A	706.	12.67	110.	30.	15.	3.30
+	HYDROGRAPH AT	338	268.	12.58	43.	12.	6.	.31
+	2 COMBINED AT	CP338	964.	12.67	150.	41.	20.	3.61
+	2 COMBINED AT	AF152B	5977.	14.00	4415.	2327.	1249.	89.96
+	HYDROGRAPH AT	D337	375.	14.92	357.	126.	61.	2.34
+	ROUTED TO	R337	375.	15.00	357.	126.	61.	2.34
+	HYDROGRAPH AT	367	249.	12.08	17.	4.	2.	.15
+	2 COMBINED AT	CP367	428.	16.17	365.	129.	63.	89.88
+	2 COMBINED AT	AFR153	6093.	14.00	4575.	2328.	1250.	89.88
+	HYDROGRAPH AT	370	60.	12.33	5.	1.	1.	.07
+	2 COMBINED AT	AFR154	6226.	14.00	4677.	2390.	1284.	89.88
+	HYDROGRAPH AT	369	171.	12.25	15.	4.	2.	.15

+	2 COMBINED AT	GR151	6381.	13.92	4795.	2463.	1323.	89.88
+	HYDROGRAPH AT	366	249.	13.00	52.	13.	6.	.44
+	ROUTED TO	R366	128.	16.08	47.	13.	6.	.44
+	HYDROGRAPH AT	368	367.	13.58	112.	28.	13.	.83
+	2 COMBINED AT	CP368	366.	13.58	142.	41.	20.	1.27
+	ROUTED TO	SR368	221.	14.25	124.	37.	18.	1.27
+	2 COMBINED AT	GR152	6524.	14.00	4866.	2467.	1323.	89.88
+	HYDROGRAPH AT	377A	184.	13.00	39.	10.	5.	.27
+	2 COMBINED AT	GR161	6694.	13.92	4981.	2533.	1359.	89.88
+	HYDROGRAPH AT	361	147.	13.17	37.	9.	4.	.21
+	ROUTED TO	SR361	0.	.00	0.	0.	0.	.21
+	ROUTED TO	R361	0.	.00	0.	0.	0.	.21
+	HYDROGRAPH AT	377	120.	12.42	15.	4.	2.	.09
+	2 COMBINED AT	CP377	119.	12.42	15.	4.	2.	.35
+	ROUTED TO	SR377	0.	.00	0.	0.	0.	.35
+	ROUTED TO	R377	0.	.00	0.	0.	0.	.35
+	HYDROGRAPH AT	377B	55.	13.58	17.	4.	2.	.12
+	2 COMBINED AT	CP337B	55.	13.58	16.	4.	2.	.42
+	2 COMBINED AT	GR162	7017.	14.08	4993.	2533.	1363.	156.76
+	HYDROGRAPH AT	387	221.	13.00	56.	14.	7.	.25
+	2 COMBINED AT	GR163	7040.	14.08	5004.	2534.	1363.	157.01
+	HYDROGRAPH AT	386	241.	13.25	66.	17.	8.	.35
+	2 COMBINED AT	GR164	7123.	14.00	5030.	2536.	1363.	157.76
+	HYDROGRAPH AT	383A	129.	13.00	31.	8.	4.	.16
+	2 COMBINED AT	GR165	7144.	14.00	5039.	2537.	1363.	157.52
+	HYDROGRAPH AT	383	161.	12.92	35.	9.	4.	.18
+	DIVERSION TO	DTC9	161.	12.92	35.	9.	4.	.18

+	HYDROGRAPH AT	D383	0.	.00	0.	0.	0.	.18
+	2 COMBINED AT	GR166	7150.	14.00	5044.	2539.	1365.	157.76
+	HYDROGRAPH AT	381B	69.	12.75	13.	3.	2.	.07
+	2 COMBINED AT	GR167	7158.	14.00	5051.	2543.	1367.	157.77
+	HYDROGRAPH AT	381	184.	12.92	40.	10.	5.	.21
+	ROUTED TO	SR381	82.	13.58	18.	5.	2.	.21
+	ROUTED TO	R381	41.	16.75	17.	5.	2.	.21
+	HYDROGRAPH AT	380	199.	12.83	47.	12.	6.	.20
+	2 COMBINED AT	CP380	198.	12.83	52.	16.	8.	.41
+	2 COMBINED AT	RCP380	7171.	14.00	5072.	2549.	1369.	158.18
+	HYDROGRAPH AT	D273	0.	.00	0.	0.	0.	2.83
+	ROUTED TO	R273	0.	.00	0.	0.	0.	2.83
+	HYDROGRAPH AT	292	903.	12.50	116.	31.	15.	.96
+	2 COMBINED AT	1I292	891.	12.50	115.	30.	15.	3.79
+	HYDROGRAPH AT	D274	0.	.00	0.	0.	0.	18.76
+	ROUTED TO	R274	0.	.00	0.	0.	0.	18.76
+	2 COMBINED AT	CP292	891.	12.50	115.	30.	15.	5.36
+	DIVERSION TO	1D306	445.	12.50	59.	16.	8.	5.36
+	HYDROGRAPH AT	D292	442.	12.50	56.	14.	7.	5.36
+	ROUTED TO	R292	400.	12.67	56.	14.	7.	5.36
+	HYDROGRAPH AT	D275	0.	.00	0.	0.	0.	19.01
+	ROUTED TO	R275	0.	.00	0.	0.	0.	19.01
+	HYDROGRAPH AT	D276	0.	.00	0.	0.	0.	19.26
+	ROUTED TO	R276	0.	.00	0.	0.	0.	19.26
+	2 COMBINED AT	1I293	0.	.00	0.	0.	0.	4.77
+	HYDROGRAPH AT	293	573.	12.67	93.	24.	11.	.77
+	2 COMBINED AT	2I293	561.	12.67	91.	23.	11.	5.54

+	HYDROGRAPH AT	D277	0.	.00	0.	0.	0.	20.76
+	ROUTED TO	R277	0.	.00	0.	0.	0.	20.76
+	2 COMBINED AT	3I293	561.	12.67	91.	23.	11.	25.02
+	2 COMBINED AT	CP293	889.	12.67	136.	34.	17.	25.98
+	ROUTED TO	R293	726.	13.42	135.	34.	17.	25.98
+	HYDROGRAPH AT	293A	380.	12.17	34.	9.	4.	.07
+	2 COMBINED AT	CP293A	727.	13.42	164.	42.	20.	26.05
+	DIVERSION TO	2D306	74.	13.42	16.	4.	2.	26.05
+	HYDROGRAPH AT	D293A	653.	13.42	147.	38.	18.	26.05
+	ROUTED TO	R293A	456.	14.92	136.	38.	18.	26.05
+	HYDROGRAPH AT	D279D	0.	.00	0.	0.	0.	21.06
+	ROUTED TO	R279D	0.	.00	0.	0.	0.	21.06
+	HYDROGRAPH AT	D279C	0.	.00	0.	0.	0.	21.28
+	ROUTED TO	R279C	0.	.00	0.	0.	0.	21.28
+	2 COMBINED AT	1I294	0.	.00	0.	0.	0.	24.32
+	HYDROGRAPH AT	294	237.	12.25	19.	5.	2.	.18
+	2 COMBINED AT	CP294	213.	12.25	17.	4.	2.	24.50
+	ROUTED TO	SR294	0.	.00	0.	0.	0.	24.50
+	ROUTED TO	R294	0.	.00	0.	0.	0.	24.50
+	HYDROGRAPH AT	309	584.	13.17	142.	38.	18.	1.07
+	2 COMBINED AT	1I309	538.	13.17	131.	35.	17.	25.57
+	2 COMBINED AT	CP309	536.	13.17	251.	72.	35.	27.37
+	ROUTED TO	R309	418.	14.42	239.	72.	35.	27.37
+	HYDROGRAPH AT	328	513.	12.92	103.	26.	12.	.76
+	2 COMBINED AT	CP328	475.	12.92	298.	95.	46.	28.13
+	ROUTED TO	R328	359.	15.58	287.	95.	46.	28.13
+	HYDROGRAPH AT	344	325.	13.33	83.	21.	10.	.61

+	2 COMBINED AT	CP344	479.	13.92	334.	114.	55.	28.74
+	HYDROGRAPH AT	D292	445.	12.50	59.	16.	8.	5.36
+	ROUTED TO	R292	371.	12.75	59.	16.	8.	5.36
+	HYDROGRAPH AT	D293A	74.	13.42	16.	4.	2.	26.05
+	ROUTED TO	R293A	67.	13.75	16.	4.	2.	26.05
+	2 COMBINED AT	1I306	371.	12.75	73.	20.	10.	26.05
+	HYDROGRAPH AT	306	331.	12.92	63.	16.	8.	.49
+	2 COMBINED AT	CP306	641.	12.83	128.	34.	16.	26.54
+	ROUTED TO	SR306	635.	12.92	124.	32.	15.	26.54
+	ROUTED TO	R306	592.	13.17	124.	32.	15.	26.54
+	HYDROGRAPH AT	308	260.	12.75	44.	11.	5.	.32
+	2 COMBINED AT	CP308	723.	13.17	164.	42.	20.	26.86
+	ROUTED TO	R308	666.	13.42	163.	42.	20.	26.86
+	HYDROGRAPH AT	327	358.	13.00	73.	18.	9.	.53
+	2 COMBINED AT	CP327	864.	13.42	229.	59.	28.	27.39
+	ROUTED TO	R327	796.	13.75	228.	59.	28.	27.39
+	HYDROGRAPH AT	343	297.	13.17	68.	17.	8.	.51
+	2 COMBINED AT	1IC343	950.	13.67	289.	74.	36.	27.90
+	2 COMBINED AT	CP343	1394.	13.75	607.	187.	90.	30.59
+	ROUTED TO	R343	1368.	13.92	603.	187.	90.	30.59
+	HYDROGRAPH AT	356	333.	12.58	49.	12.	6.	.35
+	2 COMBINED AT	CP356	1374.	13.92	626.	198.	96.	30.94
+	ROUTED TO	SR356	1351.	14.08	573.	197.	96.	30.94
+	ROUTED TO	R356	1280.	14.50	555.	196.	96.	30.94
+	HYDROGRAPH AT	355	90.	12.92	21.	5.	2.	.10
+	2 COMBINED AT	1I355	1286.	14.50	557.	199.	98.	31.04
+	HYDROGRAPH AT	307	208.	12.58	29.	7.	3.	.21

+	ROUTED TO	R307	167.	13.17	29.	7.	3.	.21
+	HYDROGRAPH AT	326	333.	13.00	69.	17.	8.	.54
+	2 COMBINED AT	CP326	478.	13.08	98.	24.	12.	.75
+	ROUTED TO	R326	418.	13.67	98.	24.	12.	.75
+	HYDROGRAPH AT	342A	224.	13.17	52.	13.	6.	.38
+	2 COMBINED AT	CP342A	554.	13.58	148.	37.	18.	1.13
+	ROUTED TO	R342A	530.	13.92	147.	37.	18.	1.13
+	HYDROGRAPH AT	354	297.	12.58	42.	11.	5.	.31
+	2 COMBINED AT	CP354	535.	13.92	186.	48.	23.	1.44
+	ROUTED TO	SR354	463.	14.25	186.	48.	23.	1.44
+	ROUTED TO	R354	431.	14.92	180.	48.	23.	1.44
+	2 COMBINED AT	2I355	1521.	14.58	714.	241.	118.	32.48
+	HYDROGRAPH AT	310	162.	12.58	24.	6.	3.	.19
+	ROUTED TO	R310	146.	12.92	24.	6.	3.	.19
+	HYDROGRAPH AT	329	455.	12.83	81.	21.	10.	.63
+	2 COMBINED AT	CP329	597.	12.83	105.	27.	13.	.82
+	ROUTED TO	R329	449.	13.33	104.	27.	13.	.82
+	HYDROGRAPH AT	345	273.	13.00	57.	14.	7.	.43
+	2 COMBINED AT	CP345	667.	13.17	161.	41.	20.	1.25
+	ROUTED TO	R345	641.	13.50	161.	41.	20.	1.25
+	HYDROGRAPH AT	357	118.	12.67	18.	5.	2.	.14
+	2 COMBINED AT	CP357	658.	13.42	178.	45.	22.	1.39
+	HYDROGRAPH AT	346	404.	12.75	68.	17.	8.	.51
+	ROUTED TO	R346	370.	13.08	68.	17.	8.	.51
+	HYDROGRAPH AT	359	101.	12.58	14.	3.	2.	.10
+	2 COMBINED AT	1I359	405.	13.00	82.	21.	10.	.61
+	2 COMBINED AT	2I359	924.	13.33	258.	65.	31.	2.00

+	HYDROGRAPH AT	D346A	0.	.00	0.	0.	0.	46.03
+	ROUTED TO	R346A	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT	346C	130.	12.50	20.	6.	3.	.12
+	DIVERSION TO	346CR	130.	12.50	14.	4.	2.	.12
+	HYDROGRAPH AT	346CT	79.	12.75	8.	2.	1.	.12
+	2 COMBINED AT	CP346C	56.	12.83	5.	2.	1.	38.31
+	ROUTED TO	SR346C	0.	.00	0.	0.	0.	38.31
+	HYDROGRAPH AT	346B	143.	13.25	37.	10.	5.	.27
+	DIVERSION TO	346BR	81.	12.75	9.	2.	1.	.27
+	HYDROGRAPH AT	346BT	143.	13.25	29.	7.	4.	.27
+	2 COMBINED AT	CP346B	127.	13.25	25.	6.	3.	38.58
+	ROUTED TO	SR346B	118.	13.33	23.	6.	3.	38.58
+	DIVERSION TO	DI360	20.	13.33	2.	1.	0.	38.58
+	HYDROGRAPH AT	D346B	99.	13.33	20.	5.	3.	38.58
+	ROUTED TO	R346B	79.	14.00	20.	5.	3.	38.58
+	2 COMBINED AT	CP359	924.	13.42	277.	70.	34.	40.58
+	ROUTED TO	SR359	175.	15.00	150.	64.	31.	40.58
+	ROUTED TO	R359	174.	15.83	150.	64.	31.	40.58
+	HYDROGRAPH AT	360	176.	13.00	39.	10.	5.	.25
+	2 COMBINED AT	1I360	174.	15.50	157.	72.	35.	40.83
+	HYDROGRAPH AT	D346B	20.	13.33	2.	1.	0.	38.58
+	ROUTED TO	R346B	6.	16.75	2.	1.	0.	38.58
+	2 COMBINED AT	CP360	177.	16.00	160.	73.	35.	40.83
+	ROUTED TO	SR360	176.	16.42	153.	63.	30.	40.83
+	ROUTED TO	R360	172.	19.17	144.	63.	30.	40.83
+	HYDROGRAPH AT	358	122.	13.17	30.	8.	4.	.19
+	2 COMBINED AT	CP358	172.	19.17	144.	69.	33.	41.02

+	ROUTED TO SR358	124.	22.75	111.	43.	21.	41.02
+	ROUTED TO R358	124.	23.08	110.	43.	21.	41.02
+	2 COMBINED AT CP355	1521.	14.58	714.	284.	139.	48.68
+	ROUTED TO SR355	1019.	15.42	557.	235.	113.	48.68
+	ROUTED TO R355	977.	16.25	543.	234.	113.	48.68
+	HYDROGRAPH AT 373	398.	12.75	74.	18.	9.	.43
+	2 COMBINED AT 1I373	976.	16.25	542.	243.	121.	49.11
+	HYDROGRAPH AT 355A	47.	12.50	6.	2.	1.	.04
+	ROUTED TO SR355A	0.	.00	0.	0.	0.	.04
+	ROUTED TO R355A	0.	.00	0.	0.	0.	.04
+	2 COMBINED AT CP373	976.	16.25	542.	243.	121.	49.15
+	ROUTED TO R373	859.	17.50	517.	241.	121.	49.15
+	HYDROGRAPH AT 374	493.	13.50	161.	40.	19.	.76
+	2 COMBINED AT 1I374	859.	17.50	517.	270.	138.	49.91
+	HYDROGRAPH AT 375	274.	13.42	83.	21.	10.	.41
+	ROUTED TO R375	198.	16.08	72.	21.	10.	.41
+	2 COMBINED AT 2I374	952.	17.42	555.	288.	147.	50.32
+	HYDROGRAPH AT 376	357.	13.00	85.	21.	10.	.42
+	ROUTED TO R376	234.	15.42	76.	21.	10.	.42
+	2 COMBINED AT CP374	1014.	17.42	584.	307.	156.	50.74
+	ROUTED TO R374	789.	20.83	578.	292.	150.	50.74
+	HYDROGRAPH AT 305	521.	13.00	106.	27.	13.	.92
+	ROUTED TO SR305	475.	13.08	97.	24.	12.	.92
+	ROUTED TO R305	453.	13.33	97.	24.	12.	.92
+	HYDROGRAPH AT 325	229.	13.25	56.	14.	7.	.49
+	2 COMBINED AT CP325	673.	13.33	152.	38.	18.	1.41
+	ROUTED TO R325	597.	13.83	152.	38.	18.	1.41

	HYDROGRAPH AT							
+		342	267.	12.83	47.	12.	6.	.39
	2 COMBINED AT							
+		CP342	628.	13.83	197.	50.	24.	1.80
	ROUTED TO							
+		R342	609.	14.00	196.	50.	24.	1.80
	HYDROGRAPH AT							
+		325A	294.	13.08	63.	16.	8.	.61
	ROUTED TO							
+		R325A	241.	14.17	63.	16.	8.	.61
	HYDROGRAPH AT							
+		341	366.	13.08	81.	21.	10.	.79
	2 COMBINED AT							
+		CP341	365.	13.08	141.	37.	18.	1.40
	ROUTED TO							
+		R341	308.	14.83	135.	37.	18.	1.40
	HYDROGRAPH AT							
+		353	167.	12.75	29.	7.	4.	.22
	2 COMBINED AT							
+		1I353	308.	14.83	156.	44.	21.	1.62
	2 COMBINED AT							
+		CP353	890.	14.00	349.	93.	45.	3.42
	ROUTED TO							
+		SR353	892.	14.08	349.	93.	45.	3.42
	ROUTED TO							
+		R353	837.	14.50	343.	93.	45.	3.42
	HYDROGRAPH AT							
+		352	144.	12.75	25.	6.	3.	.18
	2 COMBINED AT							
+		CP352	839.	14.50	357.	99.	48.	3.60
	ROUTED TO							
+		SR352	776.	14.75	333.	92.	44.	3.60
	ROUTED TO							
+		R352	593.	17.92	275.	91.	44.	3.60
	HYDROGRAPH AT							
+		372	884.	13.75	311.	78.	38.	1.62
	3 COMBINED AT							
+		1I372	973.	20.75	763.	403.	220.	55.96
	HYDROGRAPH AT							
+		385	314.	13.17	94.	24.	12.	.39
	ROUTED TO							
+		R385	274.	14.25	90.	24.	12.	.39
	HYDROGRAPH AT							
+		384	264.	12.83	59.	15.	7.	.29
	2 COMBINED AT							
+		CP384	305.	14.25	141.	39.	19.	.65
	ROUTED TO							
+		R384	250.	16.50	123.	39.	19.	.65
	2 COMBINED AT							
+		2I372	1013.	20.75	817.	437.	236.	56.61
	HYDROGRAPH AT							
+		18	1179.	12.17	95.	26.	13.	.81
	ROUTED TO							
+		R18	996.	12.33	95.	26.	13.	.81

+	HYDROGRAPH AT	19	819.	12.42	96.	26.	13.	.79
+	2 COMBINED AT	CP19	1799.	12.33	190.	52.	25.	1.60
+	ROUTED TO	R19	1710.	12.42	190.	52.	25.	1.60
+	HYDROGRAPH AT	21	913.	12.42	108.	29.	14.	.79
+	2 COMBINED AT	I1CP21	2606.	12.42	296.	80.	39.	2.39
+	HYDROGRAPH AT	20	1218.	12.33	138.	37.	18.	1.07
+	ROUTED TO	SR20	0.	.00	0.	0.	0.	1.07
+	ROUTED TO	R20	0.	.00	0.	0.	0.	1.07
+	2 COMBINED AT	CP21	2606.	12.42	296.	80.	39.	3.46
+	ROUTED TO	SR21	973.	12.75	118.	32.	15.	3.46
+	ROUTED TO	R21	901.	12.92	118.	32.	15.	3.46
+	HYDROGRAPH AT	23	310.	12.08	24.	7.	3.	.16
+	2 COMBINED AT	CP23	909.	12.92	138.	38.	19.	3.62
+	ROUTED TO	SR23	0.	.00	0.	0.	0.	3.62
+	ROUTED TO	R23	0.	.00	0.	0.	0.	3.62
+	HYDROGRAPH AT	22	730.	12.25	72.	19.	9.	.57
+	ROUTED TO	R22	686.	12.42	72.	19.	9.	.57
+	HYDROGRAPH AT	22A	733.	12.25	69.	18.	9.	.50
+	2 COMBINED AT	I1C22A	1304.	12.33	141.	37.	18.	1.07
+	2 COMBINED AT	CP22A	1285.	12.33	138.	37.	18.	4.69
+	ROUTED TO	R22A	1194.	12.50	138.	37.	18.	4.69
+	HYDROGRAPH AT	25	560.	12.33	58.	15.	7.	.46
+	2 COMBINED AT	I1CP25	1670.	12.42	195.	51.	25.	5.15
+	HYDROGRAPH AT	24	193.	12.25	17.	4.	2.	.14
+	ROUTED TO	SR24	0.	.00	0.	0.	0.	.14
+	ROUTED TO	R24	0.	.00	0.	0.	0.	.14
+	2 COMBINED AT	CP25	1670.	12.42	195.	51.	25.	5.29

+	ROUTED TO	SR25	1609.	12.50	174.	44.	21.	5.29
+	HYDROGRAPH AT	26	1333.	12.50	179.	46.	22.	1.16
+	ROUTED TO	R26	1284.	12.58	179.	46.	22.	1.16
+	HYDROGRAPH AT	27	1112.	12.33	170.	50.	24.	1.00
+	DIVERSION TO	27RET	704.	12.08	49.	14.	7.	1.00
+	HYDROGRAPH AT	27OUT	1112.	12.33	133.	36.	17.	1.00
+	2 COMBINED AT	I1CP27	2124.	12.50	309.	81.	39.	2.16
+	ROUTED TO	SR27	2187.	12.33	290.	75.	36.	2.16
+	2 COMBINED AT	CP27	3761.	12.50	459.	118.	57.	7.45
+	ROUTED TO	R27	3383.	12.67	457.	118.	57.	7.45
+	HYDROGRAPH AT	34	457.	12.25	42.	11.	6.	.36
+	HYDROGRAPH AT	33	811.	12.25	75.	21.	10.	.65
+	2 COMBINED AT	CP33	1259.	12.25	116.	32.	15.	1.01
+	ROUTED TO	R33	1203.	12.33	116.	32.	15.	1.01
+	HYDROGRAPH AT	35	510.	12.17	45.	12.	6.	.39
+	2 COMBINED AT	I1CP35	1655.	12.25	160.	44.	21.	1.40
+	HYDROGRAPH AT	32	1154.	12.33	156.	43.	21.	1.29
+	2 COMBINED AT	CP35	2717.	12.25	313.	86.	42.	2.69
+	ROUTED TO	R35	2658.	12.33	313.	86.	42.	2.69
+	HYDROGRAPH AT	36	301.	12.25	26.	7.	3.	.24
+	2 COMBINED AT	I1CP36	2923.	12.33	338.	93.	45.	2.93
+	HYDROGRAPH AT	37	909.	12.42	115.	31.	15.	.95
+	2 COMBINED AT	CP36	3736.	12.33	451.	123.	59.	3.88
+	ROUTED TO	R36	3668.	12.42	450.	123.	59.	3.88
+	HYDROGRAPH AT	38	926.	12.25	90.	24.	12.	.76
+	DIVERSION TO	38RET	602.	12.08	27.	7.	3.	.76
+	HYDROGRAPH AT	38OUT	926.	12.25	66.	17.	8.	.76

	2 COMBINED AT						
+	CP38	4319.	12.42	513.	140.	67.	4.64
	ROUTED TO						
+	SR38	4268.	12.42	460.	120.	58.	4.64
	ROUTED TO						
+	R38	4142.	12.58	459.	120.	58.	4.64
	HYDROGRAPH AT						
+	39	722.	12.50	117.	35.	17.	.77
	DIVERSION TO						
+	39RET	722.	12.50	89.	24.	12.	.77
	HYDROGRAPH AT						
+	39OUT	338.	12.92	38.	11.	5.	.77
	2 COMBINED AT						
+	I1CP39	4142.	12.58	494.	131.	63.	5.41
	2 COMBINED AT						
+	CP39	7034.	12.67	922.	241.	116.	12.86
	ROUTED TO						
+	R39	6980.	12.67	919.	241.	116.	12.86
	HYDROGRAPH AT						
+	40	594.	12.25	66.	19.	9.	.52
	DIVERSION TO						
+	40RET	76.	11.83	8.	2.	1.	.52
	HYDROGRAPH AT						
+	40OUT	594.	12.25	62.	16.	8.	.52
	ROUTED TO						
+	R40	503.	12.50	61.	16.	8.	.52
	HYDROGRAPH AT						
+	42	1229.	12.50	209.	64.	31.	1.18
	DIVERSION TO						
+	42RET	875.	12.25	84.	24.	12.	1.18
	HYDROGRAPH AT						
+	42OUT	1229.	12.50	147.	40.	19.	1.18
	2 COMBINED AT						
+	I1CP42	1721.	12.50	206.	56.	27.	1.70
	2 COMBINED AT						
+	CP42	8246.	12.67	1102.	291.	140.	14.56
	ROUTED TO						
+	SR42	7506.	12.83	958.	256.	123.	14.56
	ROUTED TO						
+	R42	7742.	12.83	957.	256.	123.	14.56
	HYDROGRAPH AT						
+	41A1	47.	12.00	3.	1.	0.	.02
	ROUTED TO						
+	SR41A1	23.	12.17	3.	1.	0.	.02
	DIVERSION TO						
+	1D303	23.	12.17	3.	1.	0.	.02
	HYDROGRAPH AT						
+	CP41A1	0.	.00	0.	0.	0.	.02
	ROUTED TO						
+	R41A1	0.	.00	0.	0.	0.	.02
	HYDROGRAPH AT						
+	41A2	64.	12.00	3.	1.	0.	.03
	2 COMBINED AT						
+	CP41A2	63.	12.00	3.	1.	0.	.05

+	ROUTED TO	SR41A2	74.	12.00	3.	1.	0.	.05
+	DIVERSION TO	2D303	24.	12.00	2.	1.	0.	.05
+	HYDROGRAPH AT	D41A2	49.	12.00	1.	0.	0.	.05
+	ROUTED TO	R41A2	30.	12.08	1.	0.	0.	.05
+	HYDROGRAPH AT	41A3	61.	12.00	3.	1.	0.	.03
+	2 COMBINED AT	CP41A3	83.	12.08	4.	1.	0.	.08
+	ROUTED TO	SR41A3	23.	12.25	4.	1.	0.	.08
+	DIVERSION TO	3D303	23.	12.25	4.	1.	0.	.08
+	HYDROGRAPH AT	D41A3	0.	.00	0.	0.	0.	.08
+	ROUTED TO	R41A3	0.	.00	0.	0.	0.	.08
+	HYDROGRAPH AT	41A	92.	12.00	5.	1.	1.	.05
+	2 COMBINED AT	CP41A	91.	12.00	5.	1.	1.	.13
+	ROUTED TO	SR41A	24.	12.25	5.	1.	1.	.13
+	DIVERSION TO	4D303	24.	12.25	5.	1.	1.	.13
+	HYDROGRAPH AT	D41A	0.	.00	0.	0.	0.	.13
+	ROUTED TO	R41A	0.	.00	0.	0.	0.	.13
+	HYDROGRAPH AT	41-1	223.	12.17	15.	4.	2.	.15
+	2 COMBINED AT	CP41-1	222.	12.17	15.	4.	2.	.28
+	ROUTED TO	SR41-1	222.	12.25	15.	4.	2.	.28
+	DIVERSION TO	5D303	45.	12.25	12.	3.	1.	.28
+	HYDROGRAPH AT	D41-1	177.	12.25	4.	1.	0.	.28
+	ROUTED TO	R41-1	64.	12.33	4.	1.	0.	.28
+	HYDROGRAPH AT	41-2	150.	12.17	10.	3.	1.	.10
+	2 COMBINED AT	CP41-2	149.	12.17	14.	3.	2.	.38
+	ROUTED TO	SR41-2	38.	12.50	14.	3.	2.	.38
+	DIVERSION TO	6D303	38.	12.50	14.	3.	2.	.38
+	HYDROGRAPH AT	D41-2	0.	.00	0.	0.	0.	.38

	ROUTED TO						
+		R41-2	0.	.00	0.	0.	0.	.38
	HYDROGRAPH AT						
+		41	596.	12.42	82.	24.	12.	.58
	DIVERSION TO						
+		41RET	596.	12.42	50.	14.	6.	.58
	HYDROGRAPH AT						
+		41OUT	461.	12.58	38.	10.	5.	.58
	2 COMBINED AT						
+		CP41	460.	12.58	38.	10.	5.	.68
	ROUTED TO						
+		SR41	163.	12.92	37.	10.	5.	.68
	DIVERSION TO						
+		7D303	44.	12.92	30.	9.	4.	.68
	HYDROGRAPH AT						
+		D41	119.	12.92	8.	2.	1.	.68
	ROUTED TO						
+		R41	105.	13.00	8.	2.	1.	.68
	HYDROGRAPH AT						
+		43-1	73.	12.08	4.	1.	1.	.04
	2 COMBINED AT						
+		CP43-1	102.	13.00	11.	3.	1.	1.00
	ROUTED TO						
+		SR43-1	73.	13.17	11.	3.	1.	1.00
	DIVERSION TO						
+		1D303A	73.	13.17	11.	3.	1.	1.00
	HYDROGRAPH AT						
+		D43-1	0.	.00	0.	0.	0.	1.00
	ROUTED TO						
+		R43-1	0.	.00	0.	0.	0.	1.00
	HYDROGRAPH AT						
+		43-2	19.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		CP43-2	18.	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						
+		D43-2	0.	.00	0.	0.	0.	1.01
	ROUTED TO						
+		R43-2	0.	.00	0.	0.	0.	1.01
	HYDROGRAPH AT						
+		43-3	106.	12.00	5.	1.	1.	.05
	2 COMBINED AT						
+		CP43-3	103.	12.00	5.	1.	1.	1.06
	ROUTED TO						
+		SR43-3	22.	12.17	5.	1.	1.	1.06
	DIVERSION TO						
+		3D303A	22.	12.17	5.	1.	1.	1.06
	HYDROGRAPH AT						
+		D43-3	0.	.00	0.	0.	0.	1.06
	ROUTED TO						
+		R43-3	0.	.00	0.	0.	0.	1.06

	HYDROGRAPH AT							
+		43-4	64.	12.00	3.	1.	0.	.03
	2 COMBINED AT							
+		CP43-4	61.	12.00	3.	1.	0.	1.09
	ROUTED TO							
+		SR43-4	21.	12.17	3.	1.	0.	1.09
	DIVERSION TO							
+		1DWT#4	21.	12.17	3.	1.	0.	1.09
	HYDROGRAPH AT							
+		D43-4	0.	.00	0.	0.	0.	1.09
	ROUTED TO							
+		R43-4	0.	.00	0.	0.	0.	1.09
	HYDROGRAPH AT							
+		43-5	44.	12.00	2.	1.	0.	.02
	2 COMBINED AT							
+		CP43-5	42.	12.00	2.	1.	0.	1.11
	ROUTED TO							
+		SR43-5	19.	12.17	2.	1.	0.	1.11
	DIVERSION TO							
+		2DWT#4	19.	12.17	2.	1.	0.	1.11
	HYDROGRAPH AT							
+		D43-5	0.	.00	0.	0.	0.	1.11
	ROUTED TO							
+		R43-5	0.	.00	0.	0.	0.	1.11
	HYDROGRAPH AT							
+		43-6	44.	12.00	2.	1.	0.	.02
	2 COMBINED AT							
+		CP43-6	43.	12.00	2.	1.	0.	1.13
	ROUTED TO							
+		SR43-6	5.	12.25	2.	1.	0.	1.13
	DIVERSION TO							
+		3DWT#4	5.	12.25	2.	1.	0.	1.13
	HYDROGRAPH AT							
+		D43-6	0.	.00	0.	0.	0.	1.13
	ROUTED TO							
+		R43-6	0.	.00	0.	0.	0.	1.13
	HYDROGRAPH AT							
+		43-7	46.	12.00	2.	1.	0.	.02
	2 COMBINED AT							
+		CP43-7	44.	12.00	2.	1.	0.	1.15
	ROUTED TO							
+		SR43-7	20.	12.08	2.	1.	0.	1.15
	DIVERSION TO							
+		4DWT#4	20.	12.08	2.	1.	0.	1.15
	HYDROGRAPH AT							
+		D43-7	0.	.00	0.	0.	0.	1.15
	ROUTED TO							
+		R43-7	0.	.00	0.	0.	0.	1.15
	HYDROGRAPH AT							
+		43-8	23.	12.00	1.	0.	0.	.01
	2 COMBINED AT							
+		CP43-8	22.	12.00	1.	0.	0.	1.16
	ROUTED TO							
+		SR43-8	12.	12.08	1.	0.	0.	1.16

	DIVERSION TO						
+		5DWT#4	12.	12.08	1.	0.	0.	1.16
	HYDROGRAPH AT						
+		D43-8	0.	.00	0.	0.	0.	1.16
	ROUTED TO						
+		R43-8	0.	.00	0.	0.	0.	1.16
	HYDROGRAPH AT						
+		43	23.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		I1CP43	22.	12.00	1.	0.	0.	1.17
	2 COMBINED AT						
+		CP43	7786.	12.83	962.	258.	124.	13.90
	ROUTED TO						
+		SR43	6851.	12.92	962.	258.	124.	13.90
	DIVERSION TO						
+		DI45-1	2360.	12.92	129.	32.	15.	13.90
	HYDROGRAPH AT						
+		D43	4492.	12.92	833.	225.	108.	13.90
	ROUTED TO						
+		RD43	4422.	13.00	829.	225.	108.	13.90
	HYDROGRAPH AT						
+		D43-4	21.	12.17	3.	1.	0.	1.09
	ROUTED TO						
+		RD43-4	13.	12.67	3.	1.	0.	1.09
	HYDROGRAPH AT						
+		D43-5	19.	12.17	2.	1.	0.	1.11
	ROUTED TO						
+		RD43-5	13.	12.58	2.	1.	0.	1.11
	2 COMBINED AT						
+		I1CWT4	27.	12.67	5.	1.	1.	.05
	HYDROGRAPH AT						
+		D43-6	5.	12.25	2.	1.	0.	1.13
	ROUTED TO						
+		RD43-6	4.	13.25	2.	1.	0.	1.13
	2 COMBINED AT						
+		I2CWT4	29.	12.67	7.	2.	1.	.07
	HYDROGRAPH AT						
+		D43-7	20.	12.08	2.	1.	0.	1.15
	ROUTED TO						
+		RD43-7	12.	12.58	2.	1.	0.	1.15
	2 COMBINED AT						
+		I3CWT4	41.	12.58	10.	2.	1.	.09
	HYDROGRAPH AT						
+		D43-8	12.	12.08	1.	0.	0.	1.16
	ROUTED TO						
+		RD43-8	5.	12.58	1.	0.	0.	1.16
	2 COMBINED AT						
+		I4CWT4	46.	12.58	11.	3.	1.	.10
	HYDROGRAPH AT						
+		44	287.	12.25	24.	6.	3.	.22
	2 COMBINED AT						
+		I5CWT4	308.	12.25	35.	9.	4.	.32
	2 COMBINED AT						
+		CP44	4450.	13.00	850.	233.	112.	14.12

	HYDROGRAPH AT							
+		45-1	137.	12.08	9.	2.	1.	.08
	HYDROGRAPH AT							
+		D43	2360.	12.92	129.	32.	15.	13.90
	2 COMBINED AT							
+		CP45-1	2355.	12.92	137.	34.	16.	13.98
	ROUTED TO							
+		SR45-1	2205.	13.00	137.	34.	16.	13.98
	DIVERSION TO							
+		7DWT#4	396.	13.00	40.	10.	5.	13.98
	HYDROGRAPH AT							
+		D45-1	1809.	13.00	97.	24.	12.	13.98
	ROUTED TO							
+		R45-1	1652.	13.00	97.	24.	12.	13.98
	HYDROGRAPH AT							
+		45	845.	12.00	45.	12.	6.	.38
	2 COMBINED AT							
+		CP45	2024.	13.00	159.	40.	19.	4.44
	ROUTED TO							
+		SR45	1738.	13.08	159.	40.	19.	4.44
	DIVERSION TO							
+		8DWT#4	366.	13.08	104.	26.	13.	4.44
	HYDROGRAPH AT							
+		D45	1372.	13.08	54.	14.	7.	4.44
	ROUTED TO							
+		R45	980.	13.17	54.	14.	7.	4.44
	HYDROGRAPH AT							
+		46-1	152.	12.25	16.	4.	2.	.15
	2 COMBINED AT							
+		CP46-1	989.	13.17	69.	17.	8.	14.51
	ROUTED TO							
+		SR46-1	390.	13.42	53.	13.	6.	14.51
	DIVERSION TO							
+		9DWT#4	164.	13.33	45.	11.	5.	14.51
	HYDROGRAPH AT							
+		D46-1	227.	13.42	8.	2.	1.	14.51
	ROUTED TO							
+		R46-1	130.	13.50	8.	2.	1.	14.51
	HYDROGRAPH AT							
+		46	529.	12.58	91.	23.	11.	.85
	2 COMBINED AT							
+		I1CP46	497.	12.58	93.	24.	11.	15.36
	HYDROGRAPH AT							
+		28	771.	12.50	104.	29.	14.	.86
	HYDROGRAPH AT							
+		!JR1	959.	12.42	105.	27.	13.	.93
	DIVERSION TO							
+		JRBSN	855.	12.42	85.	22.	10.	.93
	HYDROGRAPH AT							
+		DBJR1	103.	12.42	20.	5.	2.	.93
	HYDROGRAPH AT							
+		DBJR1	855.	12.42	85.	22.	10.	.93
	ROUTED TO							
+		SRJR1	63.	13.00	34.	11.	5.	.93

	2 COMBINED AT							
+		2JR1	150.	12.83	52.	16.	8.	.93
	ROUTED TO							
+		RJR1	138.	13.00	51.	16.	8.	.93
	2 COMBINED AT							
+		!JR2	850.	12.50	151.	44.	21.	1.79
	ROUTED TO							
+		RJR2	804.	12.58	151.	44.	21.	1.79
	HYDROGRAPH AT							
+		30	338.	12.25	46.	14.	7.	.28
	2 COMBINED AT							
+		I1CP30	971.	12.50	194.	57.	28.	2.07
	HYDROGRAPH AT							
+		29	280.	12.25	28.	8.	4.	.22
	DIVERSION TO							
+		29RET	141.	12.00	8.	2.	1.	.22
	HYDROGRAPH AT							
+		29OUT	280.	12.25	22.	6.	3.	.22
	ROUTED TO							
+		SR29	0.	.00	0.	0.	0.	.22
	ROUTED TO							
+		R29	0.	.00	0.	0.	0.	.22
	2 COMBINED AT							
+		!JR3	971.	12.50	194.	57.	28.	2.29
	ROUTED TO							
+		RJR3	905.	12.75	193.	57.	28.	2.29
	HYDROGRAPH AT							
+		31	596.	12.50	77.	20.	10.	.71
	2 COMBINED AT							
+		!JR4	1382.	12.58	267.	77.	37.	3.00
	ROUTED TO							
+		RJR4	1292.	12.75	267.	77.	37.	3.00
	2 COMBINED AT							
+		!JR5	1750.	12.67	364.	101.	49.	7.69
	ROUTED TO							
+		SR46	1722.	12.75	364.	101.	49.	7.69
	ROUTED TO							
+		R46	1646.	12.92	362.	101.	49.	7.69
	HYDROGRAPH AT							
+		D45-1	396.	13.00	40.	10.	5.	13.98
	ROUTED TO							
+		RD45-1	314.	13.17	40.	10.	5.	13.98
	HYDROGRAPH AT							
+		D45	366.	13.08	104.	26.	13.	4.44
	ROUTED TO							
+		RD45	337.	13.42	104.	26.	13.	4.44
	2 COMBINED AT							
+		I7CWT4	595.	13.25	140.	35.	17.	14.36
	HYDROGRAPH AT							
+		D46-1	164.	13.33	45.	11.	5.	14.51
	ROUTED TO							
+		RD46-1	157.	13.75	45.	11.	5.	14.51
	2 COMBINED AT							
+		I8CWT4	678.	13.33	184.	46.	22.	14.51

+	HYDROGRAPH AT	WT4	919.	12.25	80.	20.	10.	.77
+	2 COMBINED AT	I9CWT4	1093.	12.33	256.	65.	31.	15.28
+	2 COMBINED AT	!!0WT4	1936.	13.08	584.	157.	76.	18.20
+	2 COMBINED AT	!!WT4	6255.	13.00	1414.	385.	186.	18.57
+	ROUTED TO	RS47	0.	.00	0.	0.	0.	18.57
+	HYDROGRAPH AT	D43-1	73.	13.17	11.	3.	1.	1.00
+	ROUTED TO	R43-1	56.	14.25	11.	3.	1.	1.00
+	HYDROGRAPH AT	D43-2	10.	12.17	1.	0.	0.	1.01
+	ROUTED TO	R43-2	4.	13.92	1.	0.	0.	1.01
+	HYDROGRAPH AT	D43-3	22.	12.17	5.	1.	1.	1.06
+	ROUTED TO	R43-3	14.	13.75	5.	1.	1.	1.06
+	HYDROGRAPH AT	303A	486.	12.25	44.	11.	5.	.42
+	4 COMBINED AT	1C303A	481.	12.25	61.	15.	7.	1.06
+	2 COMBINED AT	CP303A	479.	12.25	60.	15.	7.	1.48
+	ROUTED TO	RTCUS	367.	12.50	60.	15.	7.	1.48
+	HYDROGRAPH AT	304	1163.	12.33	132.	36.	17.	1.10
+	2 COMBINED AT	!TC1	1472.	12.42	188.	50.	24.	2.93
+	ROUTED TO	RTC1	1464.	12.42	188.	50.	24.	2.93
+	HYDROGRAPH AT	323	162.	12.33	16.	4.	2.	.15
+	2 COMBINED AT	!TC2	1610.	12.42	204.	54.	26.	3.08
+	DIVERSION TO	DI321	0.	.00	0.	0.	0.	3.08
+	HYDROGRAPH AT	D323	1610.	12.42	204.	54.	26.	3.08
+	ROUTED TO	RTC2	1443.	12.58	203.	54.	26.	3.08
+	HYDROGRAPH AT	324	206.	12.92	38.	10.	5.	.36
+	2 COMBINED AT	!TC3	1517.	12.58	230.	61.	29.	13.70
+	ROUTED TO	RTC3	1365.	12.75	229.	61.	29.	13.70
+	HYDROGRAPH AT	340	283.	13.00	57.	14.	7.	.48

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          2 COMBINED AT
+                          !TC4     1571.   12.75        282.        74.        36.      14.18
          ROUTED TO
+                          RTC4     1469.   12.92        281.        74.        36.      14.18
          HYDROGRAPH AT
+                           351      540.   12.83         99.        25.        12.        .76
          2 COMBINED AT
+                          !TC5     1961.   12.92        373.        97.        47.      14.94
          DIVERSION TO
+                         DITC5     1663.   12.92        323.        84.        40.      14.94
          HYDROGRAPH AT
+                          DTC5      298.   12.92         50.        13.         6.      14.94
          HYDROGRAPH AT
+                         DRTC5     1663.   12.92        323.        84.        40.      14.94
          ROUTED TO
+                         SRTC5      588.   13.67        167.        44.        21.      14.94
          2 COMBINED AT
+                          2TC5      658.   13.67        214.        57.        27.      14.94
          ROUTED TO
+                          RTC5      657.   13.67        214.        57.        27.      14.94
          HYDROGRAPH AT
+                          352A       76.   13.08         17.         4.         2.        .13
          2 COMBINED AT
+                          !TC6      690.   13.67        229.        61.        29.      15.07
          DIVERSION TO
+                         DI350        0.     .00          0.         0.         0.      15.07
          HYDROGRAPH AT
+                         D352A      690.   13.67        229.        61.        29.      15.07
          ROUTED TO
+                          RTC6      671.   14.00        227.        61.        29.      15.07
          2 COMBINED AT
+                          !TC7     1383.   13.83        888.       518.       275.      29.83
          DIVERSION TO
+                         DI371        0.     .00          0.         0.         0.      29.83
          HYDROGRAPH AT
+                         1D372     1383.   13.83        888.       518.       275.      29.83
          DIVERSION TO
+                         DI379        0.     .00          0.         0.         0.      29.83
          HYDROGRAPH AT
+                         2D372     1383.   13.83        888.       518.       275.      29.83
          ROUTED TO
+                          RTC7     1345.   14.00        886.       517.       275.      29.83
          HYDROGRAPH AT
+                           382      552.   13.17        150.        38.        18.        .71
          2 COMBINED AT
+                          !TC8     1566.   13.92        884.       547.       291.      30.54
          ROUTED TO
+                          RTC8     1540.   14.17        882.       547.       290.      30.54
          HYDROGRAPH AT
+                           D383      161.   12.92         35.         9.         4.        .18
          2 COMBINED AT
+                          !TC9     1559.   14.08        881.       553.       294.      30.72
          ROUTED TO
+                          RTC9     1544.   14.25        879.       553.       294.      30.72
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+	HYDROGRAPH AT 2D372	0.	.00	0.	0.	0.	29.83
+	ROUTED TO R372	0.	.00	0.	0.	0.	29.83
+	2 COMBINED AT 1I379	1548.	14.25	885.	553.	294.	61.78
+	HYDROGRAPH AT 381A	123.	12.58	23.	6.	3.	.10
+	ROUTED TO SR381A	0.	.00	0.	0.	0.	.10
+	ROUTED TO R381A	0.	.00	0.	0.	0.	.10
+	2 COMBINED AT 2I379	1555.	14.25	888.	555.	294.	61.88
+	HYDROGRAPH AT 379	201.	13.58	61.	15.	7.	.46
+	2 COMBINED AT 3I379	1672.	14.25	892.	569.	302.	62.24
+	HYDROGRAPH AT D41A1	23.	12.17	3.	1.	0.	.02
+	ROUTED TO R41A1	13.	13.58	3.	1.	0.	.02
+	HYDROGRAPH AT D41A2	24.	12.00	2.	1.	0.	.05
+	ROUTED TO R41A2	13.	13.50	2.	1.	0.	.05
+	2 COMBINED AT 1I303	26.	13.50	5.	1.	1.	.05
+	HYDROGRAPH AT D41A3	23.	12.25	4.	1.	0.	.08
+	ROUTED TO R41A3	13.	14.58	4.	1.	0.	.08
+	2 COMBINED AT 2I303	27.	13.58	9.	2.	1.	.08
+	HYDROGRAPH AT D41A	24.	12.25	5.	1.	1.	.13
+	ROUTED TO R41A	14.	14.67	5.	1.	1.	.13
+	2 COMBINED AT 3I303	31.	14.42	14.	4.	2.	.13
+	HYDROGRAPH AT D41-1	45.	12.25	12.	3.	1.	.28
+	ROUTED TO R41-1	34.	14.17	11.	3.	1.	.28
+	2 COMBINED AT 4I303	64.	14.17	25.	6.	3.	.28
+	HYDROGRAPH AT D41-2	38.	12.50	14.	3.	2.	.38
+	ROUTED TO R41-2	33.	14.58	13.	3.	2.	.38
+	2 COMBINED AT 5I303	93.	14.42	37.	10.	5.	.38
+	HYDROGRAPH AT D41	44.	12.92	30.	9.	4.	.68

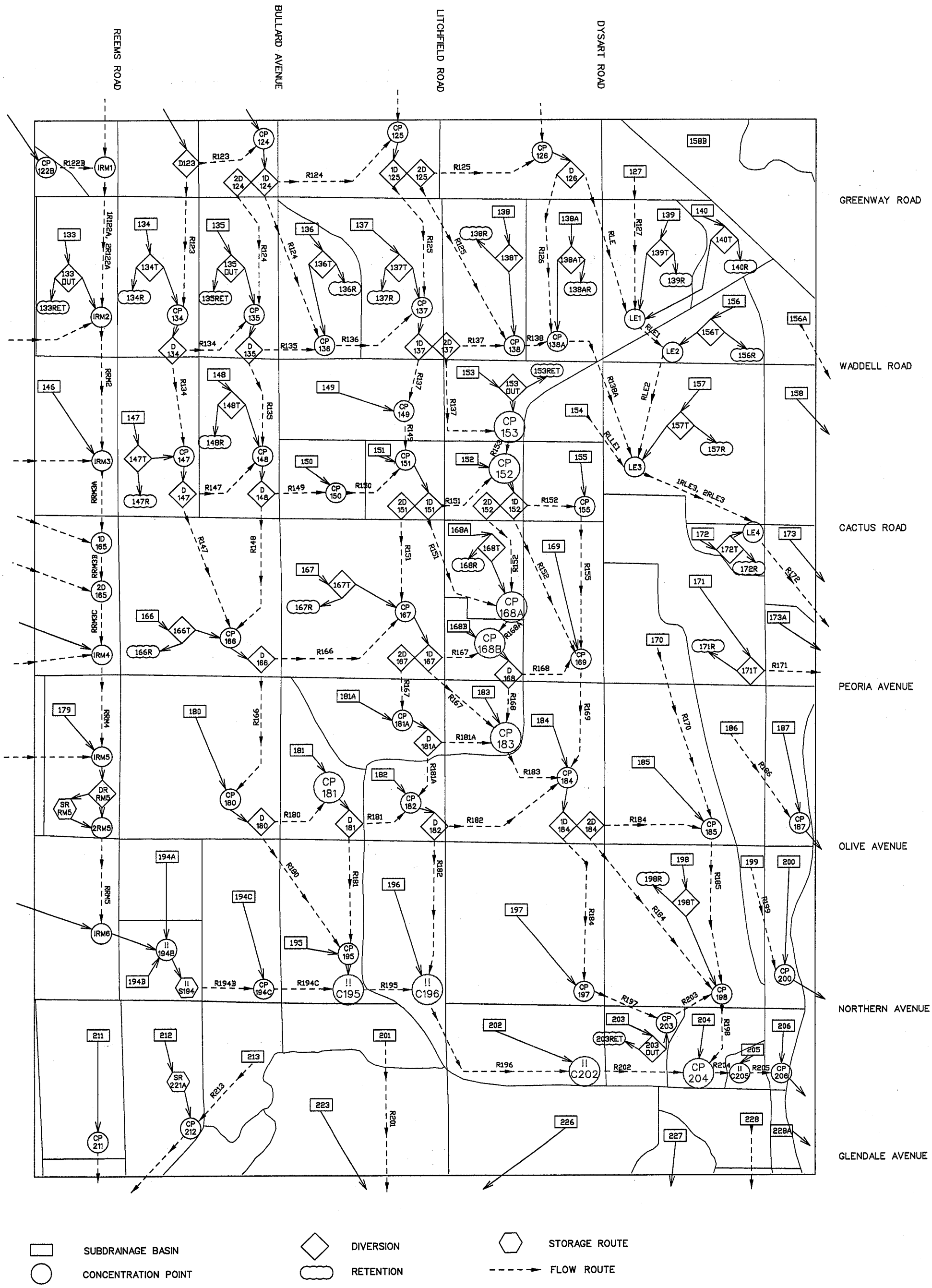
	ROUTED TO							
+		R41	43.	15.33	28.	9.	4.	.68
	2 COMBINED AT							
+		6I303	112.	15.00	61.	18.	9.	.96
	HYDROGRAPH AT							
+		303	626.	12.67	96.	24.	12.	.91
	2 COMBINED AT							
+		CP303	621.	12.67	148.	42.	20.	2.17
	ROUTED TO							
+		R303	615.	12.75	148.	42.	20.	2.17
	HYDROGRAPH AT							
+		321	918.	12.17	72.	18.	9.	.66
	2 COMBINED AT							
+		1I321	1126.	12.25	217.	59.	29.	2.83
	HYDROGRAPH AT							
+		D323	0.	.00	0.	0.	0.	3.08
	ROUTED TO							
+		R323	0.	.00	0.	0.	0.	3.08
	2 COMBINED AT							
+		CP321	1126.	12.25	217.	59.	29.	4.60
	ROUTED TO							
+		SR321	640.	12.75	133.	37.	18.	4.60
	ROUTED TO							
+		R321	531.	13.08	130.	37.	18.	4.60
	HYDROGRAPH AT							
+		322	199.	12.92	38.	10.	5.	.34
	2 COMBINED AT							
+		CP322	692.	13.08	161.	46.	22.	4.94
	ROUTED TO							
+		R322	517.	13.58	158.	46.	22.	4.94
	HYDROGRAPH AT							
+		339	511.	13.17	120.	30.	14.	1.00
	2 COMBINED AT							
+		CP339	868.	13.50	267.	76.	36.	5.94
	ROUTED TO							
+		R339	799.	14.08	262.	76.	36.	5.94
	HYDROGRAPH AT							
+		349	580.	13.00	120.	30.	14.	.93
	2 COMBINED AT							
+		CP349	894.	13.92	365.	105.	50.	6.87
	ROUTED TO							
+		SR349	890.	14.00	365.	105.	50.	6.87
	ROUTED TO							
+		R349	862.	14.50	362.	105.	50.	6.87
	HYDROGRAPH AT							
+		350	101.	13.33	26.	7.	3.	.19
	2 COMBINED AT							
+		1I350	887.	14.42	384.	111.	54.	7.06
	HYDROGRAPH AT							
+		D352A	0.	.00	0.	0.	0.	15.07
	ROUTED TO							
+		R352A	0.	.00	0.	0.	0.	15.07
	2 COMBINED AT							
+		CP350	887.	14.42	384.	111.	54.	8.79

	ROUTED TO							
+		SR350	871.	14.58	348.	99.	48.	8.79
	ROUTED TO							
+		R350	847.	15.08	338.	99.	48.	8.79
	HYDROGRAPH AT							
+		371	533.	13.67	180.	45.	22.	.93
	2 COMBINED AT							
+		1I371	1026.	14.83	478.	143.	69.	9.72
	HYDROGRAPH AT							
+		1D372	0.	.00	0.	0.	0.	29.83
	ROUTED TO							
+		R372	0.	.00	0.	0.	0.	29.83
	2 COMBINED AT							
+		CP371	1030.	14.92	486.	146.	71.	65.40
	ROUTED TO							
+		R371	765.	16.17	377.	119.	58.	65.40
	2 COMBINED AT							
+		CP379	1672.	14.25	1178.	699.	365.	65.96
	ROUTED TO							
+		SR379	1483.	14.42	1057.	643.	336.	65.96

APPENDIX E – REVISED EXISTING CONDITIONS HEC-1

HEC-1 Schematic Diagram

HEC-1 Output



EXISTING CONDITION WITHOUT ATSF

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1*****************************************                    *****************************************
 *                                       *                    *                                       *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *                    *    U.S. ARMY CORPS OF ENGINEERS       *
 *              JUN   1998               *                    *    HYDROLOGIC ENGINEERING CENTER      *
 *            VERSION 4.1                *                    *          609 SECOND STREET            *
 *                                       *                    *       DAVIS, CALIFORNIA 95616         *
 *  RUN DATE   06FEB09  TIME  13:36:12   *                    *           (916) 756-1104              *
 *                                       *                    *                                       *
 *****************************************                    *****************************************
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REVISED EXISTING CONDITIONS HEC-1
Note: Please refer to the Word doc and pdf output files on the included CD for the complete input and output.

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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW. THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE. THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY, DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

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1                                                    HEC-1 INPUT
PAGE  1

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

            1           ID   EXISTING CONDITION WITHOUT ATSF CHANNEL BUT WITH OTHER PROJECTS
            2           ID   (LOOP 303 CHANNEL, REEMS ROAD CHANNEL, ETC.) IN PLACE
            3           ID   MODIFIED BY HOSKIN RYAN CONSULTANTS ON 09/26/08
            4           ID   MODIFICATION:
            5           ID   (1) SUPRISE POINTE DEVELOPMENT ADDED
            6           ID   (2) PROPOSED ATSF CHANNEL WAS REMOVED
            7           ID   (3) UPDATE SURPRISE WRF DEVELOPMENT
            8           ID
            9           ID  ***********************************************************************
           10           ID      ASPEN CONSULTING ENGINEERS, JCS, xx-xx-08, FILE: 303EWP.DAT, 100-YR 24-HR
           11           ID      NOTES:
           12           ID      UPDATE LG CARD AND DEVELOPMENT RETENTION DIVERSIONS FOR EACH SUBBASIN.
           13           ID      CHANGE MODEL TO REFLECT THE NEW SUNCOR CHANNEL SOUTH OF CAMELBACK RD.
           14           ID      BETWEEN STATE ROUTE 303 AND BULLARD WASH.  KK RECORD CHANGED ARE R237,
           15           ID      AND R238.
                        * ***********************************************************************
                        * *  THE FOLLOWING IS THE MODEL RECIEVED BY ASPEN FROM FCDMC ON 06/08/07
                        * ***********************************************************************
           16           ID         DRAFT PREFERRED ALTERNATIVE LEVEL III
           17           ID
           18           ID         INCORPORATE ALTERNATIVE #3 FROM CHANGE ORDER #14 INTO
           19           ID         SR 303L OFFSITE FLOOD CONTROL FACILITY - NORTHERN AND CACTUS
           20           ID         BASINS ARE NOW OFFLINE WITH MULTIPLE BASINS LOCATED WITHIN
           21           ID         LUKE AIR FORCE BASE CRASH ZONE AREA
           22           ID
           23           ID         **ADOT BASIN GEOMETRY REPRESENTS MOST RECENT 2' CONTOURS**
           24           ID         WHITE TANKS AREA DRAINAGE MASTER STUDY *UPDATE*
           25           ID         Original MODEL BY THE WLB Group for FCDMC AS PART OF THE WHITE
           26           ID         TANKS/AGUA FRIA ADMS, Date: October 1991
           27           ID
           28           ID         REVISED HYDROLOGY HEC-1 RUN FOR WHITE TANKS ADMS
           29           ID         100-YEAR, 24-HOUR STORM                  original file: WTADMS.24
           30           ID
           31           ID                                       REVISED BY URS     DATE: 01-14-04
           32           ID                                                          FILE: L33PE4H.DAT
           33           ID
           34           ID        NOTES:
           35           ID        1. THIS HEC-1 MODEL CONTAINS THE FOLLOWING SUPER BASINS: WHITE TANKS 3,
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36          ID          2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2 & 3, 4 THRU 26.
37          ID       2. REVISED TO REFLECT UPDATED SOILS MAPS AND NEW DEVELOPMENT.
38          ID       3. AVERAGE XKSAT VALUES FOR EACH SUBBASIN WAS RECEIVED FROM FCDMC
39          ID          GIS DATA AND THEN ADJUSTED FOR VEGETATION, OR LEFT AS ORIGINALLY IN
40          ID          THE WLB MODEL.
41          ID       4. FOR NEW DEVELOPMENTS ONLY 80% OF REPORTED PROVIDED RETENTION
42          ID          WAS INCLUDED IN THIS MODEL (AS A CONSERVATIVE ESTIMATE). RETENTION
43          ID          CAPACITIES WERE ESTIMATED BY EEC FOR DEVELOPMENTS WITH NO
44          ID          DRAINAGE REPORTS.
45          ID       5. REVISED DRAINAGE BOUNDARIES BASED UPON FIELD INSPECTION OF SUN CITY.
46          ID          GRAND.  COMBINED SEVERAL BASINS TOGETHER TO MAKE NEW BASINS 114 &115.
47          ID          ALSO REROUTED SUBBASINS 100A, 101, 102A AND 106 TO THE SOUTH TO 113A.
48          ID       6. CHANNEL ROUTE ALONG REEMS ROAD UPDATED TO REFLECT NEW CONSTRUCTION.
49          ID       7. REVISED SCS TYPE II RAINFALL DISTRIBUTION FOR THE 24-HOUR GENERAL
50          ID          STORM.
51          ID       8. REVISED RAINFALL DEPTH-AREA REDUCTION FACTORS.
52          ID       9. PSIF WERE ADJUSTED BASED ON THE VALUES OF XKSAT AND WERE EDITED INTO
1                                          HEC-1 INPUT
PAGE  2

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

53          ID          THE DATA FILE BY THE FCDMC.
54          ID      10. AVERAGE XKSAT VALUES FOR SUBBASINS WITH BORROW PITS (WHITE TANKS
55          ID          AREAS #3 & #4) WERE ESTIMATED BY EEC.
56          ID
            *DIAGRAM
57          IT      5                   600
58          IO      5
59          IN     15
60          JD   4.03    .001
61          PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
62          PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
63          PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
64          PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
65          PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
66          PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
67          PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
68          PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
69          PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
70          PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
71          JD    3.79      10
72          JD    3.51      50
73          JD    3.39     100
74          JD    3.29     200
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RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

MAXIMUM MAX STAGE +	TIME OF OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	STAGE
+	HYDROGRAPH AT	1	1573.	12.50	222.	61.	30.	1.94	
+	ROUTED TO	RCP1	1386.	12.83	222.	61.	30.	1.94	
+	HYDROGRAPH AT	2	1339.	12.75	237.	66.	32.	1.82	
+	2 COMBINED AT	CP2	2657.	12.75	456.	126.	61.	3.76	
+	ROUTED TO	RCP2	2458.	12.92	455.	126.	61.	3.76	
+	HYDROGRAPH AT	!BC1	313.	12.33	31.	8.	4.	.29	
+	ROUTED TO	RBC1	234.	12.58	31.	8.	4.	.29	

	HYDROGRAPH AT							
+		3	863.	12.33	89.	22.	11.	.81
	2 COMBINED AT							
+		I1CP3	1009.	12.42	119.	30.	14.	1.10
	2 COMBINED AT							
+		!BC2	2665.	12.92	571.	155.	75.	4.86
	DIVERSION TO							
+		DI189	0.	.00	0.	0.	0.	4.86
	HYDROGRAPH AT							
+		D3	2665.	12.92	571.	155.	75.	4.86
	ROUTED TO							
+		RBC2	2468.	13.17	569.	155.	75.	4.86
	HYDROGRAPH AT							
+		4	396.	12.25	36.	10.	5.	.30
	HYDROGRAPH AT							
+		5	927.	12.25	86.	23.	11.	.72
	2 COMBINED AT							
+		CP5	1315.	12.25	121.	33.	16.	1.02
	ROUTED TO							
+		RCP5	1312.	12.25	121.	33.	16.	1.02
	HYDROGRAPH AT							
+		6	746.	12.08	52.	14.	7.	.45
	2 COMBINED AT							
+		CP6	1854.	12.17	172.	47.	23.	1.47
	ROUTED TO							
+		RCP6	1784.	12.17	172.	47.	23.	1.47
	HYDROGRAPH AT							
+		7	494.	12.08	36.	10.	5.	.31
	2 COMBINED AT							
+		CP7	2245.	12.17	206.	57.	27.	1.78
	ROUTED TO							
+		RCP7	1947.	12.33	206.	57.	27.	1.78
	HYDROGRAPH AT							
+		9	1402.	12.33	161.	44.	21.	1.40
	2 COMBINED AT							
+		I1CP9	3324.	12.33	364.	100.	48.	3.18
	HYDROGRAPH AT							
+		8	890.	12.33	93.	26.	12.	.81
	2 COMBINED AT							
+		CP9	4190.	12.33	455.	125.	60.	3.99
	ROUTED TO							
+		RCP9	3543.	12.75	454.	125.	60.	3.99
	HYDROGRAPH AT							
+		10	1357.	12.75	237.	62.	30.	2.02
	DIVERSION TO							
+		10RET	325.	12.08	18.	5.	2.	2.02
	HYDROGRAPH AT							
+		10OUT	1357.	12.75	224.	57.	27.	2.02
	2 COMBINED AT							
+		I1CP10	4868.	12.75	672.	180.	87.	6.01
	2 COMBINED AT							
+		!BC3	6322.	12.83	1225.	331.	159.	10.87
	DIVERSION TO							
+		1DI188	0.	.00	0.	0.	0.	10.87

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          HYDROGRAPH AT
+                    1D10     6322.   12.83      1225.      331.      159.     10.87
          DIVERSION TO
+                  2DI188        0.     .00         0.        0.        0.     10.87
          HYDROGRAPH AT
+                    2D10     6322.   12.83      1225.      331.      159.     10.87
          ROUTED TO
+                    RBC3     6121.   12.92      1222.      331.      159.     10.87
          HYDROGRAPH AT
+                      12     1214.   12.50       167.       43.       21.      1.38
          2 COMBINED AT
+                    !BC4     6592.   12.92      1368.      369.      178.     12.25
          ROUTED TO
+                    RBC4     6424.   13.00      1366.      369.      178.     12.25
          HYDROGRAPH AT
+                     WT3      383.   12.50        50.       13.        6.       .44
          2 COMBINED AT
+                    !BC5     6521.   13.00      1409.      380.      183.     12.69
          HYDROGRAPH AT
+                      11     1559.   12.42       202.       54.       26.      1.56
          ROUTED TO
+                   RCP11     1268.   12.75       201.       54.       26.      1.56
          HYDROGRAPH AT
+                      13     1223.   12.42       145.       36.       17.      1.30
          2 COMBINED AT
+                    CP13     2062.   12.58       344.       89.       43.      2.86
          ROUTED TO
+                   RCP13     2035.   12.67       344.       89.       43.      2.86
          HYDROGRAPH AT
+                      14     1548.   12.33       173.       47.       23.      1.47
          ROUTED TO
+                   RCP14     1392.   12.58       173.       47.       23.      1.47
          HYDROGRAPH AT
+                      15     1272.   12.42       149.       40.       19.      1.26
          2 COMBINED AT
+                  I1CP15     2485.   12.50       319.       86.       42.      2.73
          HYDROGRAPH AT
+                      16     1206.   12.42       149.       41.       20.      1.13
          ROUTED TO
+                   SR16        0.     .00         0.        0.        0.      1.13
          2 COMBINED AT
+                    CP15     2485.   12.50       319.       86.       42.      3.90
          ROUTED TO
+                   RCP15     2108.   12.75       318.       86.       41.      3.90
          HYDROGRAPH AT
+                      17     1036.   12.33       108.       27.       13.      1.07
          2 COMBINED AT
+                  I1CP17     2480.   12.67       423.      112.       54.      4.97
          2 COMBINED AT
+                    CP17     4474.   12.67       761.      200.       96.      7.83
          ROUTED TO
+                   RCP17     4407.   12.75       761.      200.       96.      7.83
          2 COMBINED AT
+                   !!WT3     9838.   12.92      2073.      554.      267.     20.52
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	ROUTED TO							
+		SRWT3	0.	.00	0.	0.	0.	20.52
	HYDROGRAPH AT							
+		116	872.	12.33	111.	33.	16.	.66
	DIVERSION TO							
+		116RET	872.	12.33	93.	25.	12.	.66
	HYDROGRAPH AT							
+		116OUT	233.	12.67	27.	8.	4.	.66
	ROUTED TO							
+		R116	110.	13.17	26.	8.	4.	.66
	HYDROGRAPH AT							
+		117	920.	12.58	158.	47.	23.	.92
	DIVERSION TO							
+		117RET	920.	12.58	130.	35.	17.	.92
	HYDROGRAPH AT							
+		117OUT	364.	13.08	41.	12.	6.	.92
	2 COMBINED AT							
+		CP117	454.	13.08	65.	20.	10.	1.65
	ROUTED TO							
+		R117	248.	13.67	62.	20.	10.	1.65
	HYDROGRAPH AT							
+		123	322.	13.00	79.	23.	11.	.44
	DIVERSION TO							
+		123R	306.	12.92	43.	12.	6.	.44
	HYDROGRAPH AT							
+		123T	287.	13.17	43.	12.	6.	.44
	DIVERSION TO							
+		DI134	0.	.00	0.	0.	0.	.44
	HYDROGRAPH AT							
+		D123	287.	13.17	43.	12.	6.	.44
	ROUTED TO							
+		R123	209.	13.67	42.	12.	6.	.44
	HYDROGRAPH AT							
+		124	302.	13.33	85.	23.	11.	.57
	DIVERSION TO							
+		124R	262.	13.17	37.	10.	5.	.57
	HYDROGRAPH AT							
+		124OUT	297.	13.42	52.	14.	7.	.57
	2 COMBINED AT							
+		CP124	446.	13.58	92.	25.	12.	1.65
	DIVERSION TO							
+		DI136	222.	13.58	49.	13.	6.	1.65
	HYDROGRAPH AT							
+		1D124	224.	13.58	43.	11.	5.	1.65
	DIVERSION TO							
+		DI135	81.	13.58	10.	3.	1.	1.65
	HYDROGRAPH AT							
+		2D124	143.	13.58	32.	9.	4.	1.65
	ROUTED TO							
+		R124	123.	14.17	32.	9.	4.	1.65
	HYDROGRAPH AT							
+		125	1017.	12.50	146.	41.	20.	1.00
	DIVERSION TO							
+		125R	123.	11.83	14.	5.	2.	1.00

+	HYDROGRAPH AT	125T	1017.	12.50	139.	36.	17.	1.00
+	2 COMBINED AT	1I125	1010.	12.50	169.	45.	21.	2.01
+	2 COMBINED AT	CP125	1004.	12.50	223.	64.	31.	3.66
+	DIVERSION TO	DI137	334.	12.50	74.	21.	10.	3.66
+	HYDROGRAPH AT	1D125	670.	12.50	148.	42.	20.	3.66
+	DIVERSION TO	DI138	334.	12.50	74.	21.	10.	3.66
+	HYDROGRAPH AT	2D125	335.	12.50	74.	21.	10.	3.66
+	ROUTED TO	R125	273.	12.83	73.	21.	10.	3.66
+	HYDROGRAPH AT	118	326.	12.08	42.	14.	7.	.16
+	DIVERSION TO	118RET	321.	12.08	25.	7.	4.	.16
+	HYDROGRAPH AT	118OUT	253.	12.17	23.	7.	3.	.16
+	ROUTED TO	R118	72.	13.83	21.	7.	3.	.16
+	HYDROGRAPH AT	126	1100.	12.50	185.	58.	28.	.95
+	DIVERSION TO	126R	1100.	12.50	141.	39.	19.	.95
+	HYDROGRAPH AT	126T	576.	12.83	65.	19.	9.	.95
+	2 COMBINED AT	1I126	575.	12.83	84.	26.	12.	1.11
+	2 COMBINED AT	CP126	840.	12.83	151.	46.	22.	4.75
+	DIVERSION TO	DI139	840.	12.83	151.	46.	22.	4.75
+	HYDROGRAPH AT	D126	0.	.00	0.	0.	0.	4.75
+	ROUTED TO	R126	0.	.00	0.	0.	0.	4.75
+	HYDROGRAPH AT	100A	165.	12.50	24.	7.	3.	.18
+	DIVERSION TO	100AR	90.	12.17	5.	1.	1.	.18
+	HYDROGRAPH AT	100AT	165.	12.50	20.	5.	2.	.18
+	ROUTED TO	R100A	130.	13.17	20.	5.	2.	.18
+	HYDROGRAPH AT	102A	565.	12.50	96.	29.	14.	.51
+	DIVERSION TO	102AR	565.	12.50	78.	21.	10.	.51
+	HYDROGRAPH AT	102AT	213.	13.00	28.	8.	4.	.51

	2 COMBINED AT							
+		1I102A	318.	13.00	47.	13.	6.	.69
	HYDROGRAPH AT							
+		101	241.	12.25	30.	9.	4.	.16
	DIVERSION TO							
+		101R	241.	12.25	30.	9.	4.	.16
	HYDROGRAPH AT							
+		101T	0.	.00	0.	0.	0.	.16
	ROUTED TO							
+		R101	0.	.00	0.	0.	0.	.16
	2 COMBINED AT							
+		CP102A	318.	13.00	47.	13.	6.	.75
	DIVERSION TO							
+		102ART	318.	13.00	47.	13.	6.	.75
	HYDROGRAPH AT							
+		102AOT	0.	26.50	0.	0.	0.	.75
	ROUTED TO							
+		R102A	0.	28.00	0.	0.	0.	.75
	HYDROGRAPH AT							
+		106	808.	12.50	136.	41.	20.	.77
	DIVERSION TO							
+		106R	808.	12.50	103.	28.	13.	.77
	HYDROGRAPH AT							
+		106T	410.	12.92	46.	13.	6.	.77
	2 COMBINED AT							
+		CP106	407.	12.92	45.	13.	6.	1.70
	DIVERSION TO							
+		DLP0	407.	12.92	45.	13.	6.	1.70
	HYDROGRAPH AT							
+		DI113A	0.	.00	0.	0.	0.	1.70
	ROUTED TO							
+		R106	0.	.00	0.	0.	0.	1.70
	HYDROGRAPH AT							
+		105	334.	12.25	38.	11.	5.	.21
	ROUTED TO							
+		R105	296.	12.42	38.	11.	5.	.21
	HYDROGRAPH AT							
+		112	846.	12.25	99.	29.	14.	.63
	DIVERSION TO							
+		112RET	846.	12.25	83.	22.	11.	.63
	HYDROGRAPH AT							
+		112OUT	241.	12.67	23.	7.	3.	.63
	2 COMBINED AT							
+		CP112	412.	12.67	58.	18.	9.	.82
	DIVERSION TO							
+		DI120	137.	12.67	19.	6.	3.	.82
	HYDROGRAPH AT							
+		1D112	275.	12.67	39.	12.	6.	.82
	DIVERSION TO							
+		1D121A	137.	12.67	19.	6.	3.	.82
	HYDROGRAPH AT							
+		2D112	138.	12.67	19.	6.	3.	.82
	ROUTED TO							
+		R112	91.	13.17	19.	6.	3.	.82

+	HYDROGRAPH AT	113A	772.	12.25	92.	27.	13.	.50
+	DIVERSION TO	113AR	772.	12.25	77.	21.	10.	.50
+	HYDROGRAPH AT	113AT	197.	12.58	22.	7.	3.	.50
+	HYDROGRAPH AT	DR113A	407.	12.92	45.	13.	6.	1.70
+	3 COMBINED AT	!LP0	519.	12.92	83.	25.	12.	3.04
+	DIVERSION TO	2D121A	519.	12.92	83.	25.	12.	3.04
+	HYDROGRAPH AT	D113A	0.	.00	0.	0.	0.	3.04
+	ROUTED TO	R113A	0.	.00	0.	0.	0.	3.04
+	HYDROGRAPH AT	114	2117.	12.75	423.	125.	60.	2.47
+	DIVERSION TO	114RET	2117.	12.75	365.	97.	47.	2.47
+	HYDROGRAPH AT	114OUT	600.	13.42	92.	28.	13.	2.47
+	3 COMBINED AT	CP114	586.	13.42	88.	27.	13.	5.26
+	DIVERSION TO	DI122B	369.	13.42	27.	7.	3.	5.26
+	HYDROGRAPH AT	D114	217.	13.42	61.	20.	10.	5.26
+	ROUTED TO	R114	160.	14.00	60.	20.	10.	5.26
+	HYDROGRAPH AT	115	2122.	12.67	408.	121.	58.	2.40
+	DIVERSION TO	115RET	2122.	12.67	369.	99.	47.	2.40
+	HYDROGRAPH AT	115OUT	376.	13.58	71.	23.	11.	2.40
+	2 COMBINED AT	CP115	381.	13.58	126.	42.	20.	7.59
+	ROUTED TO	R115	289.	14.33	122.	42.	20.	7.59
+	HYDROGRAPH AT	122A	790.	12.25	109.	35.	17.	.51
+	DIVERSION TO	122ART	790.	12.25	80.	22.	11.	.51
+	HYDROGRAPH AT	122AOT	454.	12.50	42.	13.	6.	.51
+	2 COMBINED AT	1I122A	444.	12.50	150.	53.	26.	8.33
+	HYDROGRAPH AT	D114	369.	13.42	27.	7.	3.	5.26
+	ROUTED TO	R114	220.	13.92	27.	7.	3.	5.26
+	HYDROGRAPH AT	122B	581.	12.25	72.	21.	10.	.38

+	DIVERSION TO	122BRT	581.	12.25	48.	13.	6.	.38
+	HYDROGRAPH AT	122BOT	406.	12.42	30.	9.	4.	.38
+	2 COMBINED AT	CP122B	366.	12.42	56.	15.	7.	5.66
+	ROUTED TO	R122B	293.	12.58	56.	15.	7.	5.66
+	2 COMBINED AT	!RM1	720.	12.50	203.	68.	33.	8.48
+	ROUTED TO	1R122A	473.	14.25	200.	68.	33.	8.48
+	ROUTED TO	2R122A	467.	14.50	197.	68.	33.	8.48
+	HYDROGRAPH AT	111	482.	12.08	45.	13.	6.	.26
+	DIVERSION TO	111RET	374.	12.00	23.	6.	3.	.26
+	HYDROGRAPH AT	111OUT	477.	12.17	25.	7.	3.	.26
+	ROUTED TO	R111	271.	12.42	25.	7.	3.	.26
+	HYDROGRAPH AT	104	241.	12.25	28.	9.	4.	.15
+	DIVERSION TO	104R	241.	12.25	23.	6.	3.	.15
+	HYDROGRAPH AT	104T	78.	12.50	8.	2.	1.	.15
+	ROUTED TO	R104	18.	17.08	8.	2.	1.	.15
+	HYDROGRAPH AT	111A	893.	12.25	106.	32.	15.	.61
+	DIVERSION TO	111ART	893.	12.25	103.	28.	13.	.61
+	HYDROGRAPH AT	111AOT	19.	12.92	9.	3.	2.	.61
+	3 COMBINED AT	CP111A	271.	12.42	39.	13.	6.	.97
+	ROUTED TO	R111A	111.	13.92	32.	12.	6.	.97
+	HYDROGRAPH AT	119	516.	13.17	133.	38.	19.	.86
+	DIVERSION TO	119RT	477.	13.08	68.	18.	9.	.86
+	HYDROGRAPH AT	119OUT	490.	13.25	75.	20.	10.	.86
+	DIVERSION TO	DI128	286.	13.25	44.	12.	6.	.86
+	HYDROGRAPH AT	D119	204.	13.25	31.	8.	4.	.86
+	ROUTED TO	R119	135.	14.00	30.	8.	4.	.86
+	HYDROGRAPH AT	119A	292.	13.17	80.	24.	11.	.47

+	DIVERSION TO	119AR	292.	13.17	57.	15.	7.	.47
+	HYDROGRAPH AT	119AT	183.	13.67	30.	9.	4.	.47
+	2 COMBINED AT	CP119A	268.	13.83	59.	17.	8.	1.26
+	DIVERSION TO	DI130	0.	.00	0.	0.	0.	1.26
+	HYDROGRAPH AT	D119A	268.	13.83	59.	17.	8.	1.26
+	ROUTED TO	R119A	254.	14.08	58.	17.	8.	1.26
+	HYDROGRAPH AT	120	371.	13.25	105.	31.	15.	.54
+	DIVERSION TO	120RT	371.	13.25	65.	18.	8.	.54
+	HYDROGRAPH AT	120OUT	281.	13.58	48.	13.	6.	.54
+	3 COMBINED AT	1I120	529.	14.00	133.	41.	20.	2.88
+	HYDROGRAPH AT	1D112	137.	12.67	19.	6.	3.	.82
+	ROUTED TO	R112	89.	13.25	19.	6.	3.	.82
+	2 COMBINED AT	CP120	562.	14.00	147.	47.	22.	3.58
+	ROUTED TO	R120	527.	14.33	146.	47.	22.	3.58
+	HYDROGRAPH AT	D119	286.	13.25	44.	12.	6.	.86
+	ROUTED TO	R119	216.	13.67	43.	12.	6.	.86
+	HYDROGRAPH AT	128	310.	12.92	73.	23.	11.	.41
+	DIVERSION TO	128R	310.	12.92	61.	17.	8.	.41
+	HYDROGRAPH AT	128T	107.	13.58	20.	6.	3.	.41
+	2 COMBINED AT	CP128	315.	13.67	62.	18.	8.	1.27
+	ROUTED TO	R128	186.	16.33	61.	18.	8.	1.27
+	HYDROGRAPH AT	D119A	0.	.00	0.	0.	0.	1.26
+	ROUTED TO	R119A	0.	.00	0.	0.	0.	1.26
+	HYDROGRAPH AT	130	581.	13.25	172.	51.	25.	1.00
+	DIVERSION TO	130R	581.	13.25	113.	31.	15.	1.00
+	HYDROGRAPH AT	130T	404.	13.67	74.	21.	10.	1.00
+	3 COMBINED AT	1I130	396.	13.75	127.	37.	18.	3.77

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+     HYDROGRAPH AT
                    129      343.  12.67      55.      14.      7.      .43
+     ROUTED TO
                    R129     278.  13.33      55.      14.      7.      .43
+     3 COMBINED AT
                    CP130    845.  14.17     314.      97.     47.     5.37
+     DIVERSION TO
                    DI144    259.  14.17      35.       9.      4.     5.37
+     HYDROGRAPH AT
                    D130     586.  14.17     279.      88.     43.     5.37
+     ROUTED TO
                    R130     580.  14.42     277.      88.     43.     5.37
+     HYDROGRAPH AT
                    131A     316.  13.08      69.      17.      8.      .49
+     2 COMBINED AT
                    CP131A   615.  14.33     326.     105.     51.     5.87
+     DIVERSION TO
                    DI145A   615.  14.33     326.     105.     51.     5.87
+     HYDROGRAPH AT
                    DC131A     0.    .00       0.       0.      0.     5.87
+     ROUTED TO
                    R131A      0.    .00       0.       0.      0.     5.87
+     HYDROGRAPH AT
                    131      317.  13.08      69.      17.      8.      .49
+     2 COMBINED AT
                    1I131    309.  13.08      67.      17.      8.     9.57
+     HYDROGRAPH AT
                    2D112    137.  12.67      19.       6.      3.      .82
+     ROUTED TO
                    R112      93.  13.08      19.       6.      3.      .82
+     HYDROGRAPH AT
                    121A     401.  12.92      93.      28.     13.      .50
+     DIVERSION TO
                    121AR    401.  12.92      69.      19.      9.      .50
+     HYDROGRAPH AT
                    121AT    240.  13.33      33.       9.      5.      .50
+     2 COMBINED AT
                    1I121A   314.  13.33      50.      15.      7.     1.34
+     HYDROGRAPH AT
                    D113A    519.  12.92      83.      25.     12.     3.04
+     ROUTED TO
                    RLPO     442.  13.00      82.      25.     12.     3.04
+     2 COMBINED AT
                    !LP      582.  13.33     131.      40.     19.     3.54
+     DIVERSION TO
                    DI131A   582.  13.33     131.      40.     19.     3.54
+     HYDROGRAPH AT
                    DC121A     0.    .00       0.       0.      0.     3.54
+     ROUTED TO
                    R121A      0.    .00       0.       0.      0.     3.54
+     HYDROGRAPH AT
                    121      391.  12.92      88.      26.     12.      .50
+     DIVERSION TO
                    121R     391.  12.92      58.      16.      8.      .50
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+	HYDROGRAPH AT	121T	282.	13.17	36.	10.	5.	.50
+	2 COMBINED AT	CP121	274.	13.17	35.	10.	5.	4.03
+	ROUTED TO	R121	138.	14.17	34.	10.	5.	4.03
+	2 COMBINED AT	CP131	309.	13.08	97.	26.	13.	10.47
+	DIVERSION TO	DI145	244.	13.08	73.	19.	9.	10.47
+	HYDROGRAPH AT	D131	64.	13.08	24.	7.	3.	10.47
+	ROUTED TO	R131	57.	13.42	24.	7.	3.	10.47
+	HYDROGRAPH AT	132	264.	13.00	68.	21.	10.	.41
+	DIVERSION TO	132R	264.	13.00	59.	16.	8.	.41
+	HYDROGRAPH AT	132T	70.	14.00	16.	5.	2.	.41
+	2 COMBINED AT	CP132	113.	14.00	37.	11.	5.	9.97
+	ROUTED TO	R132	87.	14.67	37.	11.	5.	9.97
+	HYDROGRAPH AT	133	371.	12.83	81.	24.	12.	.50
+	DIVERSION TO	133RET	371.	12.83	59.	16.	8.	.50
+	HYDROGRAPH AT	133OUT	225.	13.25	29.	8.	4.	.50
+	2 COMBINED AT	1I133	214.	13.25	62.	19.	9.	11.37
+	2 COMBINED AT	!RM2	573.	14.50	259.	87.	42.	9.99
+	DIVERSION TO	DI146	573.	14.50	259.	87.	42.	9.99
+	HYDROGRAPH AT	1D133	0.	.00	0.	0.	0.	9.99
+	DIVERSION TO	1D147	0.	.00	0.	0.	0.	9.99
+	HYDROGRAPH AT	2D133	0.	.00	0.	0.	0.	9.99
+	ROUTED TO	R133	0.	.00	0.	0.	0.	9.99
+	HYDROGRAPH AT	134	329.	13.08	87.	27.	13.	.50
+	DIVERSION TO	134R	329.	13.08	63.	17.	8.	.50
+	HYDROGRAPH AT	134T	198.	13.58	34.	10.	5.	.50
+	HYDROGRAPH AT	D123	0.	.00	0.	0.	0.	.44
+	ROUTED TO	R123	0.	.00	0.	0.	0.	.44

	3 COMBINED AT							
+		CP134	246.	13.58	34.	10.	5.	16.87
	DIVERSION TO							
+		2D147	57.	13.75	6.	2.	1.	16.87
	HYDROGRAPH AT							
+		D134	94.	13.75	22.	7.	3.	16.87
	ROUTED TO							
+		R134	70.	14.08	22.	7.	3.	16.87
	HYDROGRAPH AT							
+		1D124	81.	13.58	10.	3.	1.	1.65
	ROUTED TO							
+		R124	55.	14.58	10.	3.	1.	1.65
	HYDROGRAPH AT							
+		135	452.	12.67	90.	28.	13.	.49
	DIVERSION TO							
+		135RET	452.	12.67	73.	20.	10.	.49
	HYDROGRAPH AT							
+		135OUT	175.	13.25	26.	8.	4.	.49
	3 COMBINED AT							
+		CP135	109.	13.25	49.	15.	7.	17.92
	DIVERSION TO							
+		DI148	2.	13.25	0.	0.	0.	17.92
	HYDROGRAPH AT							
+		D135	109.	14.42	49.	15.	7.	17.92
	ROUTED TO							
+		R135	106.	14.75	48.	15.	7.	17.92
	HYDROGRAPH AT							
+		2D124	222.	13.58	49.	13.	6.	1.65
	ROUTED TO							
+		R124	135.	16.08	42.	13.	6.	1.65
	HYDROGRAPH AT							
+		136	326.	13.08	87.	27.	13.	.46
	DIVERSION TO							
+		136R	326.	13.08	64.	17.	8.	.46
	HYDROGRAPH AT							
+		136T	196.	13.58	32.	9.	5.	.46
	2 COMBINED AT							
+		1I136	195.	13.58	68.	23.	11.	1.03
	2 COMBINED AT							
+		CP136	193.	13.83	107.	35.	17.	18.33
	ROUTED TO							
+		R136	160.	14.58	104.	35.	17.	18.33
	HYDROGRAPH AT							
+		1D125	334.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	258.	13.08	72.	21.	10.	3.66
	HYDROGRAPH AT							
+		137	295.	13.42	96.	29.	14.	.54
	DIVERSION TO							
+		137R	295.	13.42	68.	19.	9.	.54
	HYDROGRAPH AT							
+		137T	183.	14.00	37.	11.	5.	.54
	3 COMBINED AT							
+		CP137	431.	14.25	213.	71.	34.	5.58

	DIVERSION TO							
+		DI149	143.	14.25	71.	23.	11.	5.58
	HYDROGRAPH AT							
+		1D137	287.	14.25	142.	47.	23.	5.58
	DIVERSION TO							
+		DI153	143.	14.25	71.	23.	11.	5.58
	HYDROGRAPH AT							
+		2D137	144.	14.25	71.	24.	11.	5.58
	ROUTED TO							
+		R137	133.	14.50	70.	24.	11.	5.58
	HYDROGRAPH AT							
+		2D125	334.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	132.	15.33	60.	21.	10.	3.66
	HYDROGRAPH AT							
+		138	386.	13.00	97.	30.	14.	.54
	DIVERSION TO							
+		138R	386.	13.00	82.	22.	11.	.54
	HYDROGRAPH AT							
+		138T	131.	13.83	25.	8.	4.	.54
	2 COMBINED AT							
+		1I138	129.	15.50	63.	24.	12.	22.08
	2 COMBINED AT							
+		CP138	253.	15.33	143.	52.	25.	6.12
	DIVERSION TO							
+		2D153	0.	.00	0.	0.	0.	6.12
	HYDROGRAPH AT							
+		DRR1	253.	15.33	143.	52.	25.	6.12
	ROUTED TO							
+		R138	233.	15.50	143.	52.	25.	6.12
	HYDROGRAPH AT							
+		138A	727.	12.17	84.	26.	12.	.46
	DIVERSION TO							
+		138AR	727.	12.17	75.	20.	10.	.46
	HYDROGRAPH AT							
+		138AT	69.	12.75	17.	5.	3.	.46
	2 COMBINED AT							
+		1I138A	243.	15.50	153.	57.	27.	6.05
	2 COMBINED AT							
+		2I138A	201.	15.67	123.	48.	23.	24.81
	HYDROGRAPH AT							
+		2D137	143.	14.25	71.	23.	11.	5.58
	ROUTED TO							
+		R137	141.	14.50	70.	23.	11.	5.58
	HYDROGRAPH AT							
+		153	658.	12.08	72.	23.	11.	.31
	DIVERSION TO							
+		153RET	658.	12.08	47.	13.	6.	.31
	HYDROGRAPH AT							
+		153OUT	441.	12.25	34.	10.	5.	.31
	HYDROGRAPH AT							
+		DRR1	0.	.00	0.	0.	0.	6.12
	ROUTED TO							
+		RRR1	0.	.00	0.	0.	0.	6.12

	3 COMBINED AT							
+		CP153	441.	12.25	100.	34.	16.	21.92
	DIVERSION TO							
+		3D152	398.	12.25	82.	29.	14.	21.92
	HYDROGRAPH AT							
+		DRRR2	0.	.00	0.	0.	0.	21.92
	2 COMBINED AT							
+		CP138A	203.	15.58	125.	48.	23.	23.68
	DIVERSION TO							
+		DI154	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		D138A	203.	15.58	125.	48.	23.	23.68
	ROUTED TO							
+		R138A	186.	16.75	123.	48.	23.	23.68
	HYDROGRAPH AT							
+		D138A	0.	.00	0.	0.	0.	23.68
	ROUTED TO							
+		RLLE	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT							
+		154	174.	12.58	28.	7.	3.	.17
	2 COMBINED AT							
+		LLE1	173.	12.58	27.	7.	3.	.33
	ROUTED TO							
+		RLLE1	153.	12.92	27.	7.	3.	.33
	HYDROGRAPH AT							
+		157	734.	12.83	162.	50.	24.	.89
	DIVERSION TO							
+		157R	734.	12.83	131.	35.	17.	.89
	HYDROGRAPH AT							
+		157T	329.	13.42	48.	14.	7.	.89
	2 COMBINED AT							
+		1I157	213.	13.42	57.	17.	8.	25.08
	2 COMBINED AT							
+		2I157	213.	13.42	142.	64.	31.	25.08
	HYDROGRAPH AT							
+		127	461.	12.08	45.	14.	7.	.22
	ROUTED TO							
+		R127	255.	13.33	45.	14.	7.	.22
	HYDROGRAPH AT							
+		139	718.	12.25	88.	27.	13.	.47
	DIVERSION TO							
+		139R	718.	12.25	66.	18.	9.	.47
	HYDROGRAPH AT							
+		139T	378.	12.50	31.	9.	4.	.47
	2 COMBINED AT							
+		1I139	383.	12.50	75.	22.	11.	.69
	HYDROGRAPH AT							
+		D126	840.	12.83	151.	46.	22.	4.75
	ROUTED TO							
+		RLE	540.	13.00	148.	46.	22.	4.75
	2 COMBINED AT							
+		2I139	657.	13.33	218.	67.	32.	7.04
	HYDROGRAPH AT							
+		140	192.	12.67	41.	14.	7.	.18

	DIVERSION TO							
+		140R	189.	12.58	25.	7.	3.	.18
	HYDROGRAPH AT							
+		140T	154.	12.83	22.	7.	3.	.18
	2 COMBINED AT							
+		!LE1	751.	13.00	250.	76.	37.	.88
	ROUTED TO							
+		RLE1	725.	13.33	248.	76.	37.	.88
	HYDROGRAPH AT							
+		156	272.	12.75	62.	20.	10.	.30
	DIVERSION TO							
+		156R	272.	12.75	46.	13.	6.	.30
	HYDROGRAPH AT							
+		156T	149.	13.25	24.	7.	3.	.30
	2 COMBINED AT							
+		!LE2	859.	13.25	268.	83.	40.	1.18
	ROUTED TO							
+		RLE2	818.	13.50	264.	83.	40.	1.18
	2 COMBINED AT							
+		!LE3	1198.	13.42	455.	160.	78.	1.65
	ROUTED TO							
+		RLE3	1108.	13.58	453.	160.	78.	1.65
	HYDROGRAPH AT							
+		172	109.	12.58	17.	5.	2.	.12
	DIVERSION TO							
+		172R	66.	12.25	5.	1.	1.	.12
	HYDROGRAPH AT							
+		172T	109.	12.58	13.	3.	2.	.12
	2 COMBINED AT							
+		!LE4	1115.	13.58	457.	163.	79.	1.77
	ROUTED TO							
+		SRLECH	1118.	13.58	456.	162.	79.	1.77
	DIVERSION TO							
+		EM-CLV	42.	13.58	33.	25.	13.	1.77
	HYDROGRAPH AT							
+		D10X3	1076.	13.58	423.	137.	66.	1.77
	ROUTED TO							
+		SRLE4	692.	14.08	401.	129.	62.	1.77
	HYDROGRAPH AT							
+		DI10X3	42.	13.58	33.	25.	13.	1.77
	2 COMBINED AT							
+		2LE4	730.	14.08	434.	154.	75.	1.77
	ROUTED TO							
+		RLE4	710.	14.33	428.	154.	75.	1.77
	HYDROGRAPH AT							
+		173	170.	13.00	35.	9.	5.	.31
	DIVERSION TO							
+		173R	132.	12.75	14.	4.	2.	.31
	HYDROGRAPH AT							
+		173T	170.	13.00	23.	6.	3.	.31
	2 COMBINED AT							
+		!LE5	723.	14.33	434.	159.	78.	2.08
	HYDROGRAPH AT							
+		156A	501.	12.17	46.	13.	6.	.31

	ROUTED TO							
+		R156A	178.	14.17	45.	13.	6.	.31
	HYDROGRAPH AT							
+		158	1158.	12.33	143.	43.	21.	.97
	DIVERSION TO							
+		158RET	1158.	12.33	116.	31.	15.	.97
	HYDROGRAPH AT							
+		158OUT	382.	12.67	39.	12.	6.	.97
	2 COMBINED AT							
+		CP158	384.	12.67	80.	25.	12.	1.28
	ROUTED TO							
+		R158	159.	14.92	77.	25.	12.	1.28
	HYDROGRAPH AT							
+		173B	143.	12.83	31.	10.	5.	.20
	DIVERSION TO							
+		173R	143.	12.83	22.	6.	3.	.20
	HYDROGRAPH AT							
+		173T	83.	13.17	12.	4.	2.	.20
	2 COMBINED AT							
+		CP173B	228.	13.25	88.	28.	14.	1.48
	2 COMBINED AT							
+		AFR2E	717.	14.67	432.	163.	80.	30.12
	ROUTED TO							
+		RR173	636.	14.83	387.	150.	73.	30.12
	HYDROGRAPH AT							
+		171	372.	13.42	115.	34.	16.	.70
	DIVERSION TO							
+		171R	372.	13.42	85.	23.	11.	.70
	HYDROGRAPH AT							
+		171T	205.	14.17	39.	11.	5.	.70
	ROUTED TO							
+		R171	161.	14.58	38.	11.	5.	.70
	HYDROGRAPH AT							
+		173A	164.	12.75	34.	11.	5.	.20
	DIVERSION TO							
+		173R	164.	12.75	26.	7.	3.	.20
	HYDROGRAPH AT							
+		173T	89.	13.17	12.	4.	2.	.20
	2 COMBINED AT							
+		CP173A	169.	14.58	48.	14.	7.	.90
	2 COMBINED AT							
+		AFR2F1	731.	14.83	416.	160.	78.	31.02
	ROUTED TO							
+		RR173A	640.	15.67	411.	160.	78.	31.02
	HYDROGRAPH AT							
+		186	180.	13.25	46.	11.	6.	.33
	ROUTED TO							
+		R186	166.	13.67	46.	11.	6.	.33
	HYDROGRAPH AT							
+		187	80.	12.00	5.	2.	1.	.35
	2 COMBINED AT							
+		CP187	166.	13.67	51.	13.	6.	.68
	2 COMBINED AT							
+		AFR2F2	658.	15.67	424.	170.	84.	31.70

	ROUTED TO							
+		RR187	609.	16.42	421.	170.	83.	31.70
	HYDROGRAPH AT							
+		199	71.	13.08	15.	4.	2.	.11
	ROUTED TO							
+		R199	62.	13.67	15.	4.	2.	.11
	HYDROGRAPH AT							
+		200	216.	12.67	34.	9.	4.	.29
	2 COMBINED AT							
+		CP200	216.	12.67	49.	12.	6.	.40
	2 COMBINED AT							
+		AFR2F3	613.	16.42	424.	180.	89.	32.10
	ROUTED TO							
+		RR200	597.	16.83	422.	180.	89.	32.10
	HYDROGRAPH AT							
+		141	484.	12.33	50.	12.	6.	.47
	ROUTED TO							
+		R141	478.	12.42	50.	12.	6.	.47
	HYDROGRAPH AT							
+		141A	214.	12.17	16.	4.	2.	.15
	2 COMBINED AT							
+		CP141A	571.	12.33	65.	16.	8.	.62
	ROUTED TO							
+		R141A	533.	12.50	65.	16.	8.	.62
	HYDROGRAPH AT							
+		142	305.	13.00	63.	16.	8.	.51
	2 COMBINED AT							
+		CP142	690.	12.50	127.	32.	15.	1.13
	ROUTED TO							
+		R142	645.	12.92	127.	32.	15.	1.13
	HYDROGRAPH AT							
+		143	294.	13.00	69.	20.	10.	.50
	DIVERSION TO							
+		143R	294.	13.00	40.	11.	5.	.50
	HYDROGRAPH AT							
+		143T	234.	13.25	34.	9.	4.	.50
	2 COMBINED AT							
+		CP143	730.	13.25	160.	41.	20.	1.63
	ROUTED TO							
+		R143	695.	13.33	159.	41.	20.	1.63
	HYDROGRAPH AT							
+		D130	259.	14.17	35.	9.	4.	5.37
	ROUTED TO							
+		R130	208.	14.75	35.	9.	4.	5.37
	HYDROGRAPH AT							
+		144	328.	13.00	69.	17.	8.	.51
	2 COMBINED AT							
+		1I144	321.	13.00	102.	25.	12.	6.05
	2 COMBINED AT							
+		CP144	916.	13.08	256.	65.	31.	7.68
	DIVERSION TO							
+		DI164A	60.	13.08	8.	2.	1.	7.68
	HYDROGRAPH AT							
+		D144	856.	13.08	248.	63.	30.	7.68

	ROUTED TO							
+		R144	845.	13.33	248.	63.	30.	7.68
	HYDROGRAPH AT							
+		145A	287.	13.08	63.	16.	8.	.49
	2 COMBINED AT							
+		CP145A	1066.	13.25	308.	78.	38.	8.17
	DIVERSION TO							
+		2D164A	1066.	13.25	308.	78.	38.	8.17
	HYDROGRAPH AT							
+		DC145A	0.	.00	0.	0.	0.	8.17
	ROUTED TO							
+		R145A	0.	.00	0.	0.	0.	8.17
	HYDROGRAPH AT							
+		D131	244.	13.08	73.	19.	9.	10.47
	ROUTED TO							
+		R131	195.	13.83	71.	19.	9.	10.47
	HYDROGRAPH AT							
+		145	297.	13.08	64.	16.	8.	.48
	2 COMBINED AT							
+		1I145	324.	13.58	132.	35.	17.	9.00
	2 COMBINED AT							
+		CP145	319.	13.67	130.	35.	17.	11.63
	DIVERSION TO							
+		DI164	13.	13.67	2.	1.	0.	11.63
	HYDROGRAPH AT							
+		1D145	306.	13.67	128.	34.	16.	11.63
	DIVERSION TO							
+		DI165	44.	13.67	7.	2.	1.	11.63
	HYDROGRAPH AT							
+		2D145	262.	13.67	121.	32.	16.	11.63
	ROUTED TO							
+		R145B	260.	13.75	121.	32.	16.	11.63
	DIVERSION TO							
+		DI165B	123.	13.75	36.	9.	4.	11.63
	HYDROGRAPH AT							
+		3D145	138.	13.75	85.	23.	11.	11.63
	ROUTED TO							
+		R145C	137.	13.92	85.	23.	11.	11.63
	DIVERSION TO							
+		DI165C	52.	13.92	24.	6.	3.	11.63
	HYDROGRAPH AT							
+		4D145	86.	13.83	61.	17.	8.	11.63
	ROUTED TO							
+		R145D	86.	13.83	61.	17.	8.	11.63
	HYDROGRAPH AT							
+		1D133	573.	14.50	259.	87.	42.	9.99
	ROUTED TO							
+		RRM2	534.	14.92	253.	87.	42.	9.99
	HYDROGRAPH AT							
+		146	523.	13.17	124.	31.	15.	.90
	2 COMBINED AT							
+		1I146	675.	13.50	319.	108.	52.	15.02
	2 COMBINED AT							
+		!RM3	811.	13.50	402.	131.	63.	11.37

	DIVERSION TO							
+		1D166	0.	.00	0.	0.	0.	11.37
	HYDROGRAPH AT							
+		D146	811.	13.50	402.	131.	63.	11.37
	ROUTED TO							
+		RRM3A	748.	13.67	396.	131.	63.	11.37
	HYDROGRAPH AT							
+		4D145	52.	13.92	24.	6.	3.	11.63
	ROUTED TO							
+		R145E	51.	14.42	24.	6.	3.	11.63
	2 COMBINED AT							
+		1D165	747.	13.75	396.	131.	63.	18.49
	DIVERSION TO							
+		DIRB1	0.	.00	0.	0.	0.	18.49
	HYDROGRAPH AT							
+		D146B	718.	13.75	377.	126.	61.	18.49
	ROUTED TO							
+		RRM3B	716.	13.75	377.	126.	61.	18.49
	HYDROGRAPH AT							
+		3D145	123.	13.75	36.	9.	4.	11.63
	ROUTED TO							
+		R145F	109.	14.92	36.	9.	4.	11.63
	2 COMBINED AT							
+		2D165	716.	13.75	409.	135.	65.	18.50
	DIVERSION TO							
+		DIRB2	0.	.00	0.	0.	0.	18.50
	HYDROGRAPH AT							
+		D146C	716.	13.75	409.	135.	65.	18.50
	ROUTED TO							
+		RRM3C	698.	14.00	407.	135.	65.	18.50
	HYDROGRAPH AT							
+		159	608.	12.33	61.	15.	7.	.58
	ROUTED TO							
+		R159	594.	12.42	61.	15.	7.	.58
	HYDROGRAPH AT							
+		160	409.	12.42	44.	11.	5.	.39
	2 COMBINED AT							
+		CP160	996.	12.42	105.	26.	13.	.97
	ROUTED TO							
+		R160	893.	12.58	105.	26.	13.	.97
	HYDROGRAPH AT							
+		161	310.	13.00	62.	15.	7.	.50
	2 COMBINED AT							
+		CP161	1087.	12.58	165.	41.	20.	1.47
	ROUTED TO							
+		R161	925.	13.08	165.	41.	20.	1.47
	HYDROGRAPH AT							
+		162	268.	12.50	34.	8.	4.	.25
	ROUTED TO							
+		R162	198.	13.17	34.	8.	4.	.25
	HYDROGRAPH AT							
+		163	492.	12.92	99.	25.	12.	.75
	2 COMBINED AT							
+		1I163	664.	13.00	132.	33.	16.	1.00

	2 COMBINED AT							
+		CP163	1565.	13.00	295.	74.	35.	2.47
	DIVERSION TO							
+		DI176A	0.	.00	0.	0.	0.	2.47
	HYDROGRAPH AT							
+		D163	1565.	13.00	295.	74.	35.	2.47
	ROUTED TO							
+		R163	1519.	13.17	295.	74.	35.	2.47
	HYDROGRAPH AT							
+		D144	60.	13.08	8.	2.	1.	7.68
	ROUTED TO							
+		R144	30.	17.17	8.	2.	1.	7.68
	HYDROGRAPH AT							
+		164A	309.	13.08	66.	17.	8.	.49
	2 COMBINED AT							
+		1I164A	302.	13.08	71.	18.	9.	8.17
	2 COMBINED AT							
+		CP164A	1765.	13.17	360.	90.	44.	10.64
	DIVERSION TO							
+		DI177A	1765.	13.17	360.	90.	44.	10.64
	HYDROGRAPH AT							
+		DC164A	0.	.00	0.	0.	0.	10.64
	ROUTED TO							
+		R164A	0.	.00	0.	0.	0.	10.64
	HYDROGRAPH AT							
+		164	311.	13.08	72.	20.	10.	.49
	DIVERSION TO							
+		164R	229.	12.75	26.	7.	3.	.49
	HYDROGRAPH AT							
+		164T	311.	13.08	50.	13.	6.	.49
	2 COMBINED AT							
+		1I164	300.	13.08	47.	12.	6.	11.13
	HYDROGRAPH AT							
+		1D145	13.	13.67	2.	1.	0.	11.63
	ROUTED TO							
+		R145	10.	14.50	2.	1.	0.	11.63
	2 COMBINED AT							
+		CP164	300.	13.08	49.	13.	6.	15.08
	DIVERSION TO							
+		DI177	22.	13.08	4.	1.	0.	15.08
	HYDROGRAPH AT							
+		D164	272.	13.08	44.	11.	6.	15.08
	ROUTED TO							
+		R164	174.	14.00	44.	11.	6.	15.08
	HYDROGRAPH AT							
+		2D145	44.	13.67	7.	2.	1.	11.63
	ROUTED TO							
+		R145	15.	19.08	7.	2.	1.	11.63
	HYDROGRAPH AT							
+		165	511.	13.25	142.	42.	20.	.90
	DIVERSION TO							
+		165R	511.	13.25	92.	25.	12.	.90
	HYDROGRAPH AT							
+		165T	372.	13.58	61.	17.	8.	.90

	2 COMBINED AT							
+		1I165	313.	13.58	59.	17.	8.	12.53
	2 COMBINED AT							
+		2I165	431.	13.83	100.	28.	13.	15.98
	2 COMBINED AT							
+		!RM4	1136.	13.92	521.	167.	80.	15.67
	DIVERSION TO							
+		DI180	0.	.00	0.	0.	0.	15.67
	HYDROGRAPH AT							
+		D165	1136.	13.92	521.	167.	80.	15.67
	ROUTED TO							
+		RRM4	1136.	13.92	521.	167.	80.	15.67
	HYDROGRAPH AT							
+		D163	0.	.00	0.	0.	0.	2.47
	ROUTED TO							
+		R163	0.	.00	0.	0.	0.	2.47
	HYDROGRAPH AT							
+		176A	293.	13.25	71.	19.	9.	.62
	2 COMBINED AT							
+		CP176A	288.	13.25	70.	18.	9.	3.09
	DIVERSION TO							
+		DI191	0.	.00	0.	0.	0.	3.09
	HYDROGRAPH AT							
+		D176A	288.	13.25	70.	18.	9.	3.09
	ROUTED TO							
+		R176A	264.	13.50	70.	18.	9.	3.09
	HYDROGRAPH AT							
+		177A	261.	13.08	57.	15.	7.	.49
	2 COMBINED AT							
+		CP177A	430.	13.17	125.	33.	16.	3.58
	DIVERSION TO							
+		DI192A	430.	13.17	125.	33.	16.	3.58
	HYDROGRAPH AT							
+		DC177A	0.	.00	0.	0.	0.	3.58
	ROUTED TO							
+		R177A	0.	.00	0.	0.	0.	3.58
	HYDROGRAPH AT							
+		177	291.	13.08	62.	15.	7.	.49
	2 COMBINED AT							
+		1I177	286.	13.08	61.	15.	7.	4.07
	HYDROGRAPH AT							
+		D164	22.	13.08	4.	1.	0.	15.08
	ROUTED TO							
+		R164	11.	14.83	4.	1.	0.	15.08
	2 COMBINED AT							
+		CP177	286.	13.08	64.	16.	8.	16.68
	ROUTED TO							
+		R177	255.	13.25	61.	15.	7.	16.68
	HYDROGRAPH AT							
+		178	271.	13.08	65.	19.	9.	.44
	DIVERSION TO							
+		178R	248.	12.92	34.	9.	4.	.44
	HYDROGRAPH AT							
+		178T	251.	13.17	36.	10.	5.	.44

+	2 COMBINED AT	CP178	465.	13.25	92.	24.	12.	17.12
+	ROUTED TO	R178	396.	13.67	92.	24.	12.	17.12
+	HYDROGRAPH AT	179	293.	13.08	64.	16.	8.	.46
+	2 COMBINED AT	1I179	538.	13.58	151.	39.	19.	17.58
+	2 COMBINED AT	!RM5	1573.	13.83	636.	202.	97.	18.17
+	DIVERSION TO	DIRM5	1022.	13.83	192.	48.	23.	18.17
+	HYDROGRAPH AT	DRM5	642.	14.58	444.	154.	74.	18.17
+	HYDROGRAPH AT	DRRM5	1022.	13.83	192.	48.	23.	18.17
+	ROUTED TO	SRRM5	41.	16.33	29.	16.	9.	18.17
+	2 COMBINED AT	2RM5	654.	14.58	467.	169.	83.	18.17
+	DIVERSION TO	DI193	654.	14.58	467.	169.	83.	18.17
+	HYDROGRAPH AT	1D179	0.	.00	0.	0.	0.	18.17
+	DIVERSION TO	DI194A	0.	.00	0.	0.	0.	18.17
+	HYDROGRAPH AT	2D179	0.	.00	0.	0.	0.	18.17
+	ROUTED TO	R179	0.	.00	0.	0.	0.	18.17
+	HYDROGRAPH AT	180	515.	13.33	136.	34.	16.	.99
+	2 COMBINED AT	1I180	477.	13.33	126.	31.	15.	26.33
+	HYDROGRAPH AT	2D133	0.	.00	0.	0.	0.	9.99
+	ROUTED TO	R133	0.	.00	0.	0.	0.	9.99
+	HYDROGRAPH AT	147	336.	13.00	86.	26.	13.	.50
+	DIVERSION TO	147R	336.	13.00	67.	18.	9.	.50
+	HYDROGRAPH AT	147T	168.	13.67	27.	8.	4.	.50
+	2 COMBINED AT	1I147	125.	13.67	23.	7.	3.	14.62
+	HYDROGRAPH AT	D134	57.	13.75	6.	2.	1.	16.87
+	ROUTED TO	R134	22.	15.33	6.	2.	1.	16.87
+	2 COMBINED AT	CP147	117.	13.67	29.	8.	4.	15.92
+	DIVERSION TO	2D166	116.	13.67	29.	8.	4.	15.92

	HYDROGRAPH AT							
+		D147	1.	13.67	0.	0.	0.	15.92
	ROUTED TO							
+		R147	0.	14.33	0.	0.	0.	15.92
	HYDROGRAPH AT							
+		148	311.	13.00	75.	22.	10.	.48
	DIVERSION TO							
+		148R	311.	13.00	42.	11.	5.	.48
	HYDROGRAPH AT							
+		148T	256.	13.25	39.	11.	5.	.48
	2 COMBINED AT							
+		1I148	218.	13.33	34.	9.	4.	16.40
	HYDROGRAPH AT							
+		D135	2.	13.25	0.	0.	0.	17.92
	ROUTED TO							
+		R135	0.	14.42	0.	0.	0.	17.92
	2 COMBINED AT							
+		CP148	218.	13.33	34.	9.	4.	17.46
	DIVERSION TO							
+		DI150	33.	13.33	6.	2.	1.	17.46
	HYDROGRAPH AT							
+		D148	185.	13.33	28.	8.	4.	17.46
	ROUTED TO							
+		R148	68.	14.92	27.	8.	4.	17.46
	HYDROGRAPH AT							
+		D147	116.	13.67	29.	8.	4.	15.92
	ROUTED TO							
+		R147	38.	19.42	26.	8.	4.	15.92
	HYDROGRAPH AT							
+		166	507.	13.33	155.	46.	22.	.98
	DIVERSION TO							
+		166R	507.	13.33	104.	28.	14.	.98
	HYDROGRAPH AT							
+		166T	353.	13.83	64.	18.	9.	.98
	HYDROGRAPH AT							
+		D146	0.	.00	0.	0.	0.	11.37
	ROUTED TO							
+		R146	0.	.00	0.	0.	0.	11.37
	2 COMBINED AT							
+		1I166	420.	13.83	65.	18.	9.	19.47
	2 COMBINED AT							
+		2I166	264.	14.08	65.	23.	11.	21.45
	2 COMBINED AT							
+		CP166	278.	14.08	91.	30.	14.	22.45
	DIVERSION TO							
+		DI167	278.	14.08	91.	30.	14.	22.45
	HYDROGRAPH AT							
+		D166	3.	13.83	0.	0.	0.	22.45
	ROUTED TO							
+		R166	0.	15.08	0.	0.	0.	22.45
	HYDROGRAPH AT							
+		D165	0.	.00	0.	0.	0.	15.67
	ROUTED TO							
+		R165	0.	.00	0.	0.	0.	15.67

+	2 COMBINED AT 1I180	0.	15.08	0.	0.	0.	30.29
+	2 COMBINED AT CP180	477.	13.33	126.	31.	15.	30.29
+	DIVERSION TO 1D195	408.	13.33	109.	27.	13.	30.29
+	HYDROGRAPH AT D180	65.	13.33	16.	4.	2.	30.29
+	ROUTED TO R180	56.	13.92	16.	4.	2.	30.29
+	HYDROGRAPH AT 181	258.	12.92	49.	12.	6.	.37
+	2 COMBINED AT CP181	239.	12.92	60.	15.	7.	30.66
+	DIVERSION TO 2D195	239.	12.92	60.	15.	7.	30.66
+	HYDROGRAPH AT D181	0.	.00	0.	0.	0.	30.66
+	ROUTED TO R181	0.	.00	0.	0.	0.	30.66
+	HYDROGRAPH AT 182	191.	12.75	31.	8.	4.	.24
+	2 COMBINED AT 1I182	172.	12.75	28.	7.	3.	30.90
+	HYDROGRAPH AT D148	33.	13.33	6.	2.	1.	17.46
+	ROUTED TO R148	21.	14.33	5.	2.	1.	17.46
+	HYDROGRAPH AT 150	188.	12.75	32.	8.	4.	.23
+	2 COMBINED AT CP150	177.	12.75	35.	9.	4.	17.69
+	ROUTED TO R150	153.	13.17	35.	9.	4.	17.69
+	HYDROGRAPH AT 151	195.	12.75	40.	12.	6.	.25
+	DIVERSION TO 151R	195.	12.75	28.	7.	4.	.25
+	HYDROGRAPH AT 151T	132.	13.08	16.	5.	2.	.25
+	2 COMBINED AT 1I151	247.	13.25	48.	13.	6.	17.94
+	HYDROGRAPH AT 1D137	143.	14.25	71.	23.	11.	5.58
+	ROUTED TO R137	134.	14.67	69.	23.	11.	5.58
+	HYDROGRAPH AT 149	293.	13.08	64.	16.	8.	.48
+	2 COMBINED AT CP149	280.	13.08	110.	35.	17.	22.20
+	ROUTED TO R149	259.	13.50	108.	35.	17.	22.20
+	2 COMBINED AT CP151	495.	13.33	172.	53.	25.	7.85

	DIVERSION TO							
+		1D168	158.	13.33	50.	13.	6.	7.85
	HYDROGRAPH AT							
+		1D151	337.	13.33	122.	40.	19.	7.85
	DIVERSION TO							
+		DI152	158.	13.33	50.	13.	6.	7.85
	HYDROGRAPH AT							
+		2D151	179.	13.33	72.	26.	13.	7.85
	ROUTED TO							
+		R151	159.	14.17	69.	26.	13.	7.85
	HYDROGRAPH AT							
+		167	487.	13.33	142.	40.	19.	.97
	DIVERSION TO							
+		167R	487.	13.33	97.	26.	12.	.97
	HYDROGRAPH AT							
+		167T	309.	13.92	53.	15.	7.	.97
	2 COMBINED AT							
+		1I167	379.	14.08	104.	36.	17.	24.63
	HYDROGRAPH AT							
+		D166	278.	14.08	91.	30.	14.	22.45
	ROUTED TO							
+		R166	209.	14.83	86.	30.	14.	22.45
	2 COMBINED AT							
+		CP167	407.	14.67	184.	65.	31.	25.61
	DIVERSION TO							
+		1D183	44.	14.67	8.	2.	1.	25.61
	HYDROGRAPH AT							
+		1D167	363.	14.67	176.	63.	30.	25.61
	DIVERSION TO							
+		2D168	8.	14.67	2.	0.	0.	25.61
	HYDROGRAPH AT							
+		2D167	354.	14.67	174.	63.	30.	25.61
	ROUTED TO							
+		R167	351.	14.92	172.	63.	30.	25.61
	HYDROGRAPH AT							
+		181A	227.	13.17	52.	13.	6.	.39
	2 COMBINED AT							
+		CP181A	363.	14.75	192.	74.	36.	26.00
	DIVERSION TO							
+		2D183	54.	14.75	24.	8.	4.	26.00
	HYDROGRAPH AT							
+		D181A	310.	14.75	168.	66.	32.	26.00
	ROUTED TO							
+		R181A	302.	15.25	167.	66.	32.	26.00
	2 COMBINED AT							
+		CP182	285.	15.33	176.	70.	34.	38.46
	DIVERSION TO							
+		DI196	145.	15.33	89.	36.	17.	38.46
	HYDROGRAPH AT							
+		D182	140.	15.33	86.	34.	17.	38.46
	ROUTED TO							
+		R182	132.	16.58	84.	34.	17.	38.46
	HYDROGRAPH AT							
+		DRR2	398.	12.25	82.	29.	14.	21.92

+	ROUTED TO	RRR2	170.	12.42	80.	29.	14.	21.92
+	HYDROGRAPH AT	2D151	158.	13.33	50.	13.	6.	7.85
+	ROUTED TO	R151	146.	13.75	49.	13.	6.	7.85
+	HYDROGRAPH AT	152	215.	12.75	37.	9.	4.	.25
+	3 COMBINED AT	CP152	339.	12.42	173.	55.	26.	8.61
+	DIVERSION TO	1D169	2.	12.42	0.	0.	0.	8.61
+	HYDROGRAPH AT	1D152	337.	12.42	173.	55.	26.	8.61
+	DIVERSION TO	DI155	2.	12.42	0.	0.	0.	8.61
+	HYDROGRAPH AT	2D152	336.	12.42	173.	55.	26.	8.61
+	ROUTED TO	R152	311.	12.92	171.	55.	26.	8.61
+	HYDROGRAPH AT	1D151	158.	13.33	50.	13.	6.	7.85
+	ROUTED TO	R151	93.	16.25	41.	13.	6.	7.85
+	HYDROGRAPH AT	168A	563.	12.08	60.	19.	9.	.28
+	DIVERSION TO	168R	506.	12.08	35.	10.	5.	.28
+	HYDROGRAPH AT	168T	505.	12.17	32.	9.	4.	.28
+	3 COMBINED AT	CP168A	471.	12.17	218.	76.	37.	8.89
+	ROUTED TO	R168A	326.	13.17	214.	76.	37.	8.89
+	HYDROGRAPH AT	2D167	8.	14.67	2.	0.	0.	25.61
+	ROUTED TO	R167	8.	15.42	2.	0.	0.	25.61
+	HYDROGRAPH AT	168B	194.	12.75	35.	9.	5.	.23
+	3 COMBINED AT	CP168B	417.	13.08	241.	85.	41.	11.07
+	DIVERSION TO	2D169	106.	13.08	53.	18.	9.	11.07
+	HYDROGRAPH AT	D168	311.	13.08	188.	67.	32.	11.07
+	ROUTED TO	R168	299.	13.42	186.	67.	32.	11.07
+	HYDROGRAPH AT	1D167	44.	14.67	8.	2.	1.	25.61
+	ROUTED TO	R167	28.	15.50	8.	2.	1.	25.61
+	HYDROGRAPH AT	183	226.	12.42	27.	7.	3.	.21

	HYDROGRAPH AT							
+		D181A	54.	14.75	24.	8.	4.	26.00
	ROUTED TO							
+		R181A	53.	15.08	24.	8.	4.	26.00
	4 COMBINED AT							
+		CP183	327.	13.42	237.	85.	41.	11.67
	ROUTED TO							
+		R183	324.	13.75	237.	85.	41.	11.67
	HYDROGRAPH AT							
+		184	465.	13.17	106.	27.	13.	.79
	2 COMBINED AT							
+		1I184	690.	13.17	291.	100.	48.	27.86
	2 COMBINED AT							
+		2I184	663.	13.17	346.	129.	63.	40.32
	HYDROGRAPH AT							
+		D152	2.	12.42	0.	0.	0.	8.61
	ROUTED TO							
+		R152	0.	13.50	0.	0.	0.	8.61
	HYDROGRAPH AT							
+		155	255.	12.75	51.	13.	6.	.26
	2 COMBINED AT							
+		CP155	237.	12.75	47.	12.	6.	24.27
	ROUTED TO							
+		R155	187.	13.92	47.	12.	6.	24.27
	HYDROGRAPH AT							
+		D152	2.	12.42	0.	0.	0.	8.61
	ROUTED TO							
+		R152	0.	20.50	0.	0.	0.	8.61
	HYDROGRAPH AT							
+		169	384.	13.17	100.	25.	12.	.51
	2 COMBINED AT							
+		1I169	358.	13.17	92.	23.	11.	24.52
	2 COMBINED AT							
+		2I169	370.	13.83	138.	35.	17.	25.13
	HYDROGRAPH AT							
+		D168	106.	13.08	53.	18.	9.	11.07
	ROUTED TO							
+		R168	97.	13.67	51.	18.	9.	11.07
	2 COMBINED AT							
+		CP169	449.	13.75	174.	50.	24.	27.24
	ROUTED TO							
+		R169	414.	14.42	171.	50.	24.	27.24
	2 COMBINED AT							
+		CP184	856.	13.83	507.	177.	86.	41.09
	DIVERSION TO							
+		DI197	342.	13.83	203.	71.	34.	41.09
	HYDROGRAPH AT							
+		1D184	514.	13.83	304.	106.	51.	41.09
	DIVERSION TO							
+		DI198	342.	13.83	203.	71.	34.	41.09
	HYDROGRAPH AT							
+		2D184	172.	13.83	102.	35.	17.	41.09
	ROUTED TO							
+		R184	168.	14.33	101.	35.	17.	41.09

	HYDROGRAPH AT							
+		170	274.	12.67	47.	13.	6.	.29
	ROUTED TO							
+		R170	211.	13.75	47.	13.	6.	.29
	HYDROGRAPH AT							
+		185	443.	13.08	97.	24.	12.	.69
	2 COMBINED AT							
+		1I185	444.	13.08	143.	37.	18.	.98
	2 COMBINED AT							
+		CP185	514.	13.67	217.	68.	33.	44.55
	ROUTED TO							
+		R185	399.	15.33	197.	67.	33.	44.55
	HYDROGRAPH AT							
+		2D184	342.	13.83	203.	71.	34.	41.09
	ROUTED TO							
+		R184	330.	15.83	181.	69.	34.	41.09
	HYDROGRAPH AT							
+		198	587.	13.08	144.	40.	19.	.90
	DIVERSION TO							
+		198R	386.	12.75	47.	13.	6.	.90
	HYDROGRAPH AT							
+		198T	587.	13.08	105.	28.	13.	.90
	2 COMBINED AT							
+		1I198	526.	13.08	214.	91.	45.	41.97
	2 COMBINED AT							
+		2I198	695.	15.83	393.	158.	78.	42.95
	HYDROGRAPH AT							
+		1D184	342.	13.83	203.	71.	34.	41.09
	ROUTED TO							
+		R184	331.	14.83	193.	71.	34.	41.09
	HYDROGRAPH AT							
+		197	468.	13.50	135.	35.	17.	1.00
	2 COMBINED AT							
+		CP197	491.	14.42	276.	101.	49.	42.06
	ROUTED TO							
+		R197	463.	15.00	274.	100.	49.	42.06
	HYDROGRAPH AT							
+		203	145.	12.25	13.	3.	2.	.11
	DIVERSION TO							
+		203RET	145.	12.25	13.	3.	2.	.11
	HYDROGRAPH AT							
+		203OUT	0.	.00	0.	0.	0.	.11
	2 COMBINED AT							
+		CP203	463.	15.00	274.	100.	49.	42.17
	2 COMBINED AT							
+		CP198	1049.	15.75	658.	257.	127.	44.06
	ROUTED TO							
+		R198	1019.	15.92	654.	257.	127.	44.06
	HYDROGRAPH AT							
+		204	366.	12.25	31.	8.	4.	.27
	2 COMBINED AT							
+		1I204	1019.	15.92	654.	261.	130.	44.33
	HYDROGRAPH AT							
+		174	623.	12.25	73.	22.	11.	.45

	DIVERSION TO							
+		174R	623.	12.25	52.	14.	7.	.45
	HYDROGRAPH AT							
+		174T	362.	12.42	28.	8.	4.	.45
	ROUTED TO							
+		R174	128.	13.33	28.	8.	4.	.45
	HYDROGRAPH AT							
+		175	396.	12.25	49.	15.	7.	.28
	DIVERSION TO							
+		175R	396.	12.25	41.	11.	5.	.28
	HYDROGRAPH AT							
+		175T	108.	12.58	14.	4.	2.	.28
	DIVERSION TO							
+		DI175A	108.	12.58	14.	4.	2.	.28
	HYDROGRAPH AT							
+		D175	0.	.00	0.	0.	0.	.28
	ROUTED TO							
+		R175	0.	.00	0.	0.	0.	.28
	HYDROGRAPH AT							
+		176	698.	12.42	90.	25.	12.	.67
	DIVERSION TO							
+		176R	552.	12.25	40.	11.	5.	.67
	HYDROGRAPH AT							
+		176T	698.	12.42	56.	15.	7.	.67
	2 COMBINED AT							
+		1I176	695.	12.42	55.	15.	7.	.95
	2 COMBINED AT							
+		CP176	693.	12.42	82.	23.	11.	1.40
	ROUTED TO							
+		R176	367.	13.00	80.	23.	11.	1.40
	HYDROGRAPH AT							
+		D175	108.	12.58	14.	4.	2.	.28
	ROUTED TO							
+		R175	67.	12.83	13.	4.	2.	.28
	HYDROGRAPH AT							
+		175A	435.	12.50	57.	15.	7.	.47
	DIVERSION TO							
+		175AR	258.	12.17	15.	4.	2.	.47
	HYDROGRAPH AT							
+		175AT	435.	12.50	44.	11.	5.	.47
	2 COMBINED AT							
+		CP175A	434.	12.50	56.	15.	7.	.75
	ROUTED TO							
+		R175A	418.	12.83	55.	15.	7.	.75
	HYDROGRAPH AT							
+		CP3	0.	.00	0.	0.	0.	4.86
	ROUTED TO							
+		R3	0.	.00	0.	0.	0.	4.86
	2 COMBINED AT							
+		1I189	418.	12.83	55.	15.	7.	5.81
	HYDROGRAPH AT							
+		189	514.	12.42	56.	14.	7.	.51
	2 COMBINED AT							
+		CP189	526.	12.83	106.	28.	14.	6.32

+	ROUTED TO	R189	433.	13.25	105.	28.	14.	6.32
+	HYDROGRAPH AT	!NR1	256.	12.25	21.	5.	3.	.19
+	ROUTED TO	RNR1	166.	12.58	21.	5.	3.	.19
+	HYDROGRAPH AT	190	553.	12.92	118.	33.	16.	.86
+	DIVERSION TO	190R	472.	12.75	56.	15.	7.	.86
+	HYDROGRAPH AT	190T	529.	13.00	69.	18.	9.	.86
+	3 COMBINED AT	!NR2	989.	13.00	194.	52.	25.	2.12
+	ROUTED TO	RNR2	874.	13.33	192.	52.	25.	2.12
+	HYDROGRAPH AT	D176A	0.	.00	0.	0.	0.	3.09
+	ROUTED TO	R176A	0.	.00	0.	0.	0.	3.09
+	3 COMBINED AT	1I191	1094.	13.25	259.	71.	34.	11.58
+	HYDROGRAPH AT	191	517.	13.25	125.	31.	15.	.99
+	2 COMBINED AT	!NR3	1644.	13.25	386.	104.	50.	5.28
+	DIVERSION TO	1D208	0.	.00	0.	0.	0.	5.28
+	HYDROGRAPH AT	D191	1644.	13.25	386.	104.	50.	5.28
+	ROUTED TO	RNR3	1635.	13.33	385.	104.	50.	5.28
+	HYDROGRAPH AT	192A	327.	12.83	61.	16.	8.	.50
+	DIVERSION TO	192ART	146.	12.33	10.	3.	1.	.50
+	HYDROGRAPH AT	192AOT	327.	12.83	52.	13.	6.	.50
+	DIVERSION TO	DLP5	220.	12.83	35.	9.	4.	.50
+	HYDROGRAPH AT	D192A	107.	12.83	17.	4.	2.	.50
+	2 COMBINED AT	!NR4	1684.	13.33	401.	108.	52.	5.78
+	DIVERSION TO	DINR4	1684.	13.33	401.	108.	52.	5.78
+	HYDROGRAPH AT	DNR4	0.	.00	0.	0.	0.	5.78
+	HYDROGRAPH AT	D121A	582.	13.33	131.	40.	19.	3.54
+	ROUTED TO	RLPUS	521.	13.42	130.	40.	19.	3.54
+	HYDROGRAPH AT	DC131A	615.	14.33	326.	105.	51.	5.87

+	2 COMBINED AT	!LP1	926.	13.50	452.	144.	70.	5.87
+	ROUTED TO	RLP1	903.	13.50	452.	144.	70.	5.87
+	HYDROGRAPH AT	DC145A	1066.	13.25	308.	78.	38.	8.17
+	2 COMBINED AT	!LP2	1912.	13.50	752.	222.	107.	8.17
+	DIVERSION TO	DILP2	1795.	13.50	743.	220.	106.	8.17
+	HYDROGRAPH AT	DLP2	117.	13.50	9.	2.	1.	8.17
+	HYDROGRAPH AT	DRLP2	1795.	13.50	743.	220.	106.	8.17
+	ROUTED TO	SRLP2	183.	18.00	170.	104.	57.	8.17
+	2 COMBINED AT	2LP2	176.	18.08	163.	101.	57.	11.22
+	ROUTED TO	RLP2	176.	18.25	163.	101.	56.	11.22
+	HYDROGRAPH AT	DC164A	1765.	13.17	360.	90.	44.	10.64
+	2 COMBINED AT	!LP3	1768.	13.17	444.	190.	100.	10.64
+	ROUTED TO	RLP3	1709.	13.25	442.	190.	100.	10.64
+	HYDROGRAPH AT	DC177A	430.	13.17	125.	33.	16.	3.58
+	2 COMBINED AT	!LP4	2169.	13.25	576.	228.	119.	3.58
+	ROUTED TO	RLP4	2145.	13.33	575.	228.	119.	3.58
+	HYDROGRAPH AT	D192A	220.	12.83	35.	9.	4.	.50
+	2 COMBINED AT	!LP5	2202.	13.33	590.	228.	119.	12.68
+	DIVERSION TO	DILP5	2175.	13.33	580.	223.	117.	12.68
+	HYDROGRAPH AT	DLP5	0.	.00	0.	0.	0.	12.68
+	2 COMBINED AT	1NRLP	0.	.00	0.	0.	0.	21.07
+	HYDROGRAPH AT	DRNR4	1684.	13.33	401.	108.	52.	5.78
+	HYDROGRAPH AT	DRLP5	2175.	13.33	580.	223.	117.	12.68
+	2 COMBINED AT	2NRLP	3597.	13.33	910.	305.	156.	21.07
+	DIVERSION TO	2DILP5	2547.	13.33	601.	186.	94.	21.07
+	HYDROGRAPH AT	2DLP5	1050.	13.33	309.	118.	62.	21.07
+	HYDROGRAPH AT	2DRLP5	2547.	13.33	601.	186.	94.	21.07

+	ROUTED TO	SRLP5	280.	14.83	215.	107.	59.	21.07
+	2 COMBINED AT	2LP5	1059.	13.33	488.	223.	121.	21.07
+	DIVERSION TO	4D209A	1059.	13.33	488.	223.	121.	21.07
+	HYDROGRAPH AT	DC192A	0.	.00	0.	0.	0.	21.07
+	2 COMBINED AT	2NR4	0.	.00	0.	0.	0.	21.07
+	ROUTED TO	RNR4	0.	.00	0.	0.	0.	21.07
+	HYDROGRAPH AT	192	282.	13.08	60.	15.	7.	.50
+	2 COMBINED AT	!NR5	262.	13.08	55.	14.	7.	21.57
+	DIVERSION TO	1D209	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	1D192	262.	13.08	55.	14.	7.	21.57
+	DIVERSION TO	1D210	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	2D192	262.	13.08	55.	14.	7.	21.57
+	ROUTED TO	RNR5	245.	13.17	55.	14.	7.	21.57
+	DIVERSION TO	DI211	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT	1D193	245.	13.17	55.	14.	7.	21.57
+	HYDROGRAPH AT	193	502.	13.25	121.	30.	15.	.91
+	DIVERSION TO	DRM6	251.	13.25	60.	15.	7.	.91
+	HYDROGRAPH AT	D193	251.	13.25	60.	15.	7.	.91
+	2 COMBINED AT	!NR6	477.	13.25	111.	28.	13.	22.48
+	DIVERSION TO	NR6RET	477.	13.25	111.	28.	13.	22.48
+	HYDROGRAPH AT	BSNR6	0.	.00	0.	0.	0.	22.48
+	HYDROGRAPH AT	2D179	0.	.00	0.	0.	0.	18.17
+	ROUTED TO	R179	0.	.00	0.	0.	0.	18.17
+	HYDROGRAPH AT	194A	210.	12.75	35.	9.	4.	.25
+	2 COMBINED AT	CP194A	188.	12.75	31.	8.	4.	36.84
+	HYDROGRAPH AT	194B	172.	12.75	28.	7.	3.	.25
+	HYDROGRAPH AT	1D179	654.	14.58	467.	169.	83.	18.17

	ROUTED TO							
+		RRM5	654.	14.58	467.	169.	83.	18.17
	HYDROGRAPH AT							
+		D193	251.	13.25	60.	15.	7.	.91
	2 COMBINED AT							
+		!RM6	811.	13.50	484.	171.	83.	30.39
	4 COMBINED AT							
+		!!194B	930.	13.33	551.	192.	94.	22.98
	ROUTED TO							
+		!!S194	261.	17.83	252.	181.	94.	22.98
	ROUTED TO							
+		R194B	261.	18.00	252.	181.	94.	22.98
	HYDROGRAPH AT							
+		194C	296.	13.17	68.	17.	8.	.49
	2 COMBINED AT							
+		CP194C	382.	13.17	261.	195.	101.	23.47
	ROUTED TO							
+		R194C	372.	13.33	261.	195.	101.	23.47
	HYDROGRAPH AT							
+		D180	408.	13.33	109.	27.	13.	30.29
	ROUTED TO							
+		R180	284.	15.92	96.	27.	13.	30.29
	HYDROGRAPH AT							
+		195	239.	13.50	67.	17.	8.	.49
	2 COMBINED AT							
+		1I195	289.	15.92	134.	42.	20.	33.41
	HYDROGRAPH AT							
+		D181	239.	12.92	60.	15.	7.	30.66
	ROUTED TO							
+		R181	218.	13.17	59.	15.	7.	30.66
	2 COMBINED AT							
+		CP195	419.	13.42	199.	59.	28.	21.43
	2 COMBINED AT							
+		!!C195	755.	13.33	434.	236.	118.	44.90
	ROUTED TO							
+		R195	733.	13.50	431.	235.	118.	44.90
	HYDROGRAPH AT							
+		D182	145.	15.33	89.	36.	17.	38.46
	ROUTED TO							
+		R182	137.	16.50	87.	35.	17.	38.46
	HYDROGRAPH AT							
+		196	284.	13.00	61.	16.	7.	.47
	2 COMBINED AT							
+		1I196	251.	13.00	125.	49.	24.	38.90
	2 COMBINED AT							
+		!!C196	909.	13.42	556.	288.	145.	37.46
	ROUTED TO							
+		R196	899.	13.58	555.	288.	145.	37.46
	HYDROGRAPH AT							
+		202	235.	13.42	66.	16.	8.	.48
	2 COMBINED AT							
+		!!C202	1104.	13.50	604.	301.	152.	37.94
	ROUTED TO							
+		R202	1092.	13.67	602.	301.	152.	37.94

+	2 COMBINED AT	CP204	1612.	13.67	1213.	540.	270.	57.76
+	ROUTED TO	R204	1610.	13.67	1212.	540.	270.	57.76
+	HYDROGRAPH AT	205	112.	12.08	6.	2.	1.	.06
+	2 COMBINED AT	!!C205	1610.	13.67	1212.	541.	271.	57.82
+	ROUTED TO	R205	1608.	13.75	1212.	541.	271.	57.82
+	HYDROGRAPH AT	206	182.	12.17	13.	3.	2.	.12
+	2 COMBINED AT	CP206	1608.	13.75	1212.	544.	272.	58.31
+	2 COMBINED AT	RCP206	1877.	16.50	1499.	690.	343.	68.69
+	ROUTED TO	RR206	1852.	16.75	1483.	688.	343.	68.69
+	HYDROGRAPH AT	228A	129.	12.08	10.	3.	1.	.08
+	2 COMBINED AT	AFR2K	1852.	16.75	1483.	689.	344.	68.77
+	ROUTED TO	R228A	1789.	17.67	1454.	688.	344.	68.77
+	HYDROGRAPH AT	1D10	0.	.00	0.	0.	0.	10.87
+	HYDROGRAPH AT	2D10	0.	.00	0.	0.	0.	10.87
+	2 COMBINED AT	1I188	0.	.00	0.	0.	0.	11.08
+	ROUTED TO	R10	0.	.00	0.	0.	0.	11.08
+	HYDROGRAPH AT	188	256.	12.25	21.	5.	3.	.19
+	2 COMBINED AT	CP188	244.	12.25	20.	5.	2.	11.08
+	ROUTED TO	R188	196.	12.42	20.	5.	2.	11.08
+	HYDROGRAPH AT	207A	497.	12.42	53.	13.	6.	.50
+	2 COMBINED AT	CP207A	671.	12.42	70.	18.	8.	11.58
+	ROUTED TO	R207A	642.	12.50	70.	18.	8.	11.58
+	HYDROGRAPH AT	214	196.	12.25	17.	4.	2.	.16
+	2 COMBINED AT	CP214	738.	12.42	86.	22.	10.	11.74
+	ROUTED TO	R214	699.	12.50	86.	22.	10.	11.74
+	HYDROGRAPH AT	215A	453.	12.42	49.	12.	6.	.45
+	ROUTED TO	R215A	436.	12.50	49.	12.	6.	.45

+	HYDROGRAPH AT	215	383.	12.33	40.	10.	5.	.35
+	2 COMBINED AT	1I215	793.	12.42	88.	22.	11.	.80
+	2 COMBINED AT	2I215	1397.	12.42	170.	42.	20.	12.54
+	DIVERSION TO	1DI216	114.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT	3I215	1284.	12.50	166.	42.	20.	12.54
+	DIVERSION TO	2DI216	755.	12.50	91.	23.	11.	12.54
+	HYDROGRAPH AT	4I215	529.	12.50	75.	19.	9.	12.54
+	DIVERSION TO	3DI216	0.	.00	0.	0.	0.	12.54
+	HYDROGRAPH AT	5I215	529.	12.50	75.	19.	9.	12.54
+	DIVERSION TO	4DI216	155.	12.50	19.	5.	2.	12.54
+	HYDROGRAPH AT	CP215	374.	12.50	57.	14.	7.	12.54
+	ROUTED TO	R215	357.	12.67	57.	14.	7.	12.54
+	HYDROGRAPH AT	233	464.	12.42	52.	13.	6.	.50
+	2 COMBINED AT	CP233	713.	12.50	105.	26.	13.	13.04
+	ROUTED TO	R233	620.	12.75	105.	26.	13.	13.04
+	HYDROGRAPH AT	216	321.	12.92	62.	16.	8.	.51
+	DIVERSION TO	1OL216	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1D216I	271.	12.92	40.	10.	5.	.51
+	DIVERSION TO	2OL216	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2D216I	221.	12.92	27.	7.	3.	.51
+	DIVERSION TO	3OL216	50.	12.42	11.	3.	1.	.51
+	HYDROGRAPH AT	3D216I	171.	12.92	16.	4.	2.	.51
+	DIVERSION TO	4OL216	50.	12.58	8.	2.	1.	.51
+	HYDROGRAPH AT	4D216I	121.	12.92	8.	2.	1.	.51
+	DIVERSION TO	5OL216	50.	12.75	5.	1.	1.	.51
+	HYDROGRAPH AT	5D216I	71.	12.92	3.	1.	0.	.51
+	HYDROGRAPH AT	1D215	114.	12.42	3.	1.	0.	12.54

+	DIVERSION TO	3D183	94.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT	1DI186	20.	12.42	1.	0.	0.	12.54
+	2 COMBINED AT	1I216	71.	12.92	4.	1.	0.	13.58
+	DIVERSION TO	1DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	1D216	55.	12.92	3.	1.	0.	13.58
+	HYDROGRAPH AT	1216I	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1DI183	94.	12.42	3.	1.	0.	12.54
+	3 COMBINED AT	2I216	158.	12.42	27.	7.	4.	13.58
+	DIVERSION TO	4D183	114.	12.42	19.	5.	3.	13.58
+	HYDROGRAPH AT	2DI186	44.	12.42	7.	2.	1.	13.58
+	DIVERSION TO	2DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	2D216	44.	12.42	7.	2.	1.	13.58
+	HYDROGRAPH AT	2216I	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2DI183	114.	12.42	19.	5.	3.	13.58
+	3 COMBINED AT	3I216	208.	12.42	40.	11.	5.	13.58
+	DIVERSION TO	5D183	85.	12.42	16.	4.	2.	13.58
+	HYDROGRAPH AT	3DI186	122.	12.42	24.	6.	3.	13.58
+	DIVERSION TO	3DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	3D216	122.	12.42	24.	6.	3.	13.58
+	HYDROGRAPH AT	3216I	50.	12.42	11.	3.	1.	.51
+	HYDROGRAPH AT	3DI183	85.	12.42	16.	4.	2.	13.58
+	3 COMBINED AT	4I216	257.	12.42	51.	13.	6.	13.58
+	HYDROGRAPH AT	2D215	755.	12.50	91.	23.	11.	12.54
+	2 COMBINED AT	2I216	1010.	12.42	141.	36.	17.	13.58
+	HYDROGRAPH AT	3D215	0.	.00	0.	0.	0.	12.54
+	2 COMBINED AT	3I216	1010.	12.42	141.	36.	17.	13.58
+	DIVERSION TO	4DI217	4.	12.42	0.	0.	0.	13.58

+	HYDROGRAPH AT 4D216	1005.	12.42	141.	36.	17.	13.58
+	HYDROGRAPH AT 4D215	155.	12.50	19.	5.	2.	12.54
+	2 COMBINED AT 5I216	1160.	12.42	160.	41.	20.	13.58
+	HYDROGRAPH AT 4216I	50.	12.58	8.	2.	1.	.51
+	2 COMBINED AT 6I216	1191.	12.50	167.	42.	20.	13.58
+	DIVERSION TO 5DI217	362.	12.50	34.	9.	4.	13.58
+	HYDROGRAPH AT 5D216	829.	12.50	133.	34.	16.	13.58
+	HYDROGRAPH AT 5216I	50.	12.75	5.	1.	1.	.51
+	2 COMBINED AT 7I216	829.	12.50	137.	35.	17.	13.58
+	DIVERSION TO 6DI217	266.	12.50	35.	9.	4.	13.58
+	HYDROGRAPH AT 6D216	563.	12.50	102.	26.	13.	13.58
+	ROUTED TO R216	546.	12.67	102.	26.	13.	13.58
+	HYDROGRAPH AT 234	297.	13.17	80.	24.	12.	.53
+	DIVERSION TO 234R	297.	13.17	55.	15.	7.	.53
+	HYDROGRAPH AT 234T	198.	13.58	32.	9.	4.	.53
+	2 COMBINED AT 1I234	572.	12.67	136.	36.	17.	1.04
+	2 COMBINED AT CP234	1147.	12.67	232.	60.	29.	14.08
+	DIVERSION TO 1D248	447.	12.67	55.	14.	7.	14.08
+	HYDROGRAPH AT D234	700.	12.67	178.	47.	22.	14.08
+	ROUTED TO R234	595.	13.25	177.	47.	22.	14.08
+	HYDROGRAPH AT 207	473.	13.25	117.	31.	15.	1.00
+	DIVERSION TO 2D208	364.	13.25	90.	24.	11.	1.00
+	HYDROGRAPH AT D207	109.	13.25	27.	7.	3.	1.00
+	ROUTED TO R207	91.	13.92	27.	7.	3.	1.00
+	HYDROGRAPH AT 217	281.	13.00	61.	16.	8.	.49
+	HYDROGRAPH AT 1D216	0.	.00	0.	0.	0.	13.58
+	2 COMBINED AT 2I216	281.	13.00	61.	16.	8.	12.54

+	HYDROGRAPH AT	2D216	0.	.00	0.	0.	0.	13.58
+	2 COMBINED AT	3I216	281.	13.00	61.	16.	8.	12.54
+	HYDROGRAPH AT	3D216	0.	.00	0.	0.	0.	13.58
+	2 COMBINED AT	4I216	281.	13.00	61.	16.	8.	12.54
+	HYDROGRAPH AT	4D216	4.	12.42	0.	0.	0.	13.58
+	2 COMBINED AT	5I216	281.	13.00	61.	16.	8.	12.54
+	HYDROGRAPH AT	5D216	362.	12.50	34.	9.	4.	13.58
+	2 COMBINED AT	6I216	509.	12.50	92.	24.	11.	12.54
+	HYDROGRAPH AT	6D216	266.	12.50	35.	9.	4.	13.58
+	2 COMBINED AT	7I216	778.	12.50	128.	33.	16.	12.54
+	ROUTED TO	RD216	475.	13.17	127.	33.	16.	12.54
+	2 COMBINED AT	CP217	488.	13.17	151.	39.	19.	14.03
+	DIVERSION TO	DI218	107.	13.17	46.	12.	6.	14.03
+	HYDROGRAPH AT	D217	381.	13.17	105.	27.	13.	14.03
+	ROUTED TO	R217	369.	13.67	105.	27.	13.	14.03
+	HYDROGRAPH AT	235	262.	13.17	72.	22.	11.	.47
+	DIVERSION TO	235R	262.	13.17	72.	22.	10.	.47
+	HYDROGRAPH AT	235T	2.	18.92	2.	0.	0.	.47
+	2 COMBINED AT	1I235	396.	13.67	112.	29.	14.	1.96
+	2 COMBINED AT	CP235	877.	13.50	278.	73.	35.	16.04
+	DIVERSION TO	2D248	456.	13.50	123.	31.	15.	16.04
+	HYDROGRAPH AT	D235	422.	13.50	155.	42.	20.	16.04
+	ROUTED TO	R235	397.	14.00	153.	42.	20.	16.04
+	HYDROGRAPH AT	D191	0.	.00	0.	0.	0.	5.28
+	ROUTED TO	R191	0.	.00	0.	0.	0.	5.28
+	HYDROGRAPH AT	208	492.	13.17	117.	31.	15.	1.00
+	2 COMBINED AT	1I208	471.	13.17	112.	29.	14.	13.18

+	HYDROGRAPH AT	D207	364.	13.25	90.	24.	11.	1.00
+	ROUTED TO	R207	320.	13.75	90.	24.	11.	1.00
+	2 COMBINED AT	CP208	621.	13.25	196.	52.	25.	14.18
+	DIVERSION TO	1D219	404.	13.25	132.	35.	17.	14.18
+	HYDROGRAPH AT	1D208	217.	13.25	64.	17.	8.	14.18
+	DIVERSION TO	DI209A	217.	13.25	64.	17.	8.	14.18
+	HYDROGRAPH AT	2D208	0.	13.25	0.	0.	0.	14.18
+	ROUTED TO	R208	0.	13.92	0.	0.	0.	14.18
+	HYDROGRAPH AT	218	489.	13.25	119.	31.	15.	1.00
+	2 COMBINED AT	1I218	463.	13.25	113.	29.	14.	15.18
+	HYDROGRAPH AT	D217	107.	13.17	46.	12.	6.	14.03
+	ROUTED TO	R217	103.	13.92	46.	12.	6.	14.03
+	2 COMBINED AT	CP218	475.	13.25	155.	41.	20.	15.67
+	DIVERSION TO	DI237	306.	13.25	114.	31.	15.	15.67
+	HYDROGRAPH AT	1D218	169.	13.25	41.	10.	5.	15.67
+	DIVERSION TO	2D219	40.	13.25	10.	2.	1.	15.67
+	HYDROGRAPH AT	2D218	129.	13.25	32.	8.	4.	15.67
+	ROUTED TO	R218	118.	13.58	32.	8.	4.	15.67
+	HYDROGRAPH AT	236	516.	13.25	128.	32.	15.	1.00
+	2 COMBINED AT	1I236	573.	13.33	153.	38.	18.	16.67
+	2 COMBINED AT	CP236	750.	13.42	292.	77.	37.	26.34
+	DIVERSION TO	DI249	158.	13.42	36.	9.	4.	26.34
+	HYDROGRAPH AT	1D236	593.	13.42	256.	68.	33.	26.34
+	DIVERSION TO	1D250	241.	13.42	65.	16.	8.	26.34
+	HYDROGRAPH AT	2D236	352.	13.42	190.	52.	25.	26.34
+	ROUTED TO	R236	350.	13.67	190.	52.	25.	26.34
+	HYDROGRAPH AT	DC192A	1059.	13.33	488.	223.	121.	21.07

+	ROUTED TO RLP5	1035.	13.42	487.	223.	121.	21.07
+	HYDROGRAPH AT 209A	276.	13.08	60.	15.	7.	.50
+	HYDROGRAPH AT 1D208	217.	13.25	64.	17.	8.	14.18
+	ROUTED TO R208	198.	13.42	63.	17.	8.	14.18
+	3 COMBINED AT !LP6	1463.	13.42	628.	269.	144.	14.68
+	DIVERSION TO 3D220	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT 1D209A	1463.	13.42	628.	269.	144.	14.68
+	DIVERSION TO 4D209	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT 2D209A	1463.	13.42	628.	269.	144.	14.68
+	ROUTED TO RLP6	1431.	13.50	627.	268.	143.	14.68
+	HYDROGRAPH AT 2D208	404.	13.25	132.	35.	17.	14.18
+	ROUTED TO R208	357.	15.08	123.	35.	17.	14.18
+	HYDROGRAPH AT 219	278.	13.08	60.	15.	7.	.50
+	2 COMBINED AT 1I219	364.	15.08	164.	49.	24.	14.68
+	2 COMBINED AT 2I219	1590.	13.50	783.	315.	166.	15.18
+	HYDROGRAPH AT 2D218	40.	13.25	10.	2.	1.	15.67
+	ROUTED TO R218	35.	14.08	10.	2.	1.	15.67
+	2 COMBINED AT !LP7	1603.	13.50	788.	315.	166.	16.67
+	DIVERSION TO DI238	0.	.00	0.	0.	0.	16.67
+	HYDROGRAPH AT 1D219	1595.	13.50	783.	313.	165.	16.67
+	DIVERSION TO 2D220	0.	.00	0.	0.	0.	16.67
+	HYDROGRAPH AT 2D219	1595.	13.50	783.	313.	165.	16.67
+	ROUTED TO RLP7	1563.	13.58	781.	312.	165.	16.67
+	HYDROGRAPH AT 1D218	306.	13.25	114.	31.	15.	15.67
+	ROUTED TO R218	277.	14.08	111.	31.	15.	15.67
+	HYDROGRAPH AT 237	280.	13.25	68.	17.	8.	.50
+	2 COMBINED AT 1I237	384.	13.92	168.	47.	23.	16.17

+	2 COMBINED AT 2I237	1894.	13.58	940.	357.	186.	17.17
+	2 COMBINED AT !LP8	2146.	13.67	1070.	383.	199.	27.84
+	DIVERSION TO 2D250	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT 1D237	2146.	13.67	1070.	383.	199.	27.84
+	DIVERSION TO 1D250A	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT 2D237	2146.	13.67	1070.	383.	199.	27.84
+	ROUTED TO R237	2139.	13.67	1069.	383.	199.	27.84
+	HYDROGRAPH AT 1D192	0.	.00	0.	0.	0.	21.57
+	ROUTED TO R192	0.	.00	0.	0.	0.	21.57
+	HYDROGRAPH AT 209	308.	13.08	66.	16.	8.	.50
+	2 COMBINED AT 1I209	294.	13.08	63.	16.	8.	13.68
+	HYDROGRAPH AT 2D209A	0.	.00	0.	0.	0.	14.68
+	ROUTED TO R209A	0.	.00	0.	0.	0.	14.68
+	2 COMBINED AT CP209	294.	13.08	63.	16.	8.	16.18
+	DIVERSION TO 1D221	138.	13.08	34.	9.	4.	16.18
+	HYDROGRAPH AT 1D209	153.	13.08	28.	7.	3.	16.18
+	DIVERSION TO 2D210	45.	13.08	8.	2.	1.	16.18
+	HYDROGRAPH AT 2D209	108.	13.08	20.	5.	2.	16.18
+	ROUTED TO R209	77.	13.92	20.	5.	2.	16.18
+	HYDROGRAPH AT 1D209A	0.	.00	0.	0.	0.	14.68
+	ROUTED TO R209A	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT 220	281.	13.08	62.	15.	7.	.50
+	2 COMBINED AT 1I220	266.	13.08	58.	15.	7.	15.18
+	2 COMBINED AT 2I220	273.	13.08	78.	20.	9.	16.68
+	HYDROGRAPH AT 2D219	0.	.00	0.	0.	0.	16.67
+	ROUTED TO R219	0.	.00	0.	0.	0.	16.67
+	2 COMBINED AT CP220	273.	13.08	78.	20.	9.	18.17

	DIVERSION TO						
+		DI239	198.	13.08	57.	14.	7.	18.17
	HYDROGRAPH AT						
+		1D220	73.	13.08	21.	5.	3.	18.17
	DIVERSION TO						
+		2D221	64.	13.08	18.	5.	2.	18.17
	HYDROGRAPH AT						
+		D220	9.	13.08	3.	1.	0.	18.17
	ROUTED TO						
+		R220	7.	15.00	3.	1.	0.	18.17
	HYDROGRAPH AT						
+		1D219	0.	.00	0.	0.	0.	16.67
	ROUTED TO						
+		R219	0.	.00	0.	0.	0.	16.67
	HYDROGRAPH AT						
+		238	301.	13.17	69.	17.	8.	.50
	2 COMBINED AT						
+		1I238	285.	13.17	65.	16.	8.	17.17
	2 COMBINED AT						
+		2I238	284.	13.17	67.	17.	8.	18.67
	2 COMBINED AT						
+		!CM1	2282.	13.67	1118.	395.	205.	30.06
	ROUTED TO						
+		SRCM1	209.	22.50	206.	160.	91.	30.06
	DIVERSION TO						
+		1DLP9	150.	19.00	150.	133.	78.	30.06
	HYDROGRAPH AT						
+		DSRCM1	59.	22.50	56.	27.	13.	30.06
	DIVERSION TO						
+		2D250A	0.	.00	0.	0.	0.	30.06
	HYDROGRAPH AT						
+		1D238	59.	22.50	56.	27.	13.	30.06
	DIVERSION TO						
+		1D251	0.	.00	0.	0.	0.	30.06
	HYDROGRAPH AT						
+		2D238	59.	22.50	56.	27.	13.	30.06
	ROUTED TO						
+		R238	59.	22.67	56.	27.	13.	30.06
	HYDROGRAPH AT						
+		2D192	0.	.00	0.	0.	0.	21.57
	ROUTED TO						
+		R192	0.	.00	0.	0.	0.	21.57
	HYDROGRAPH AT						
+		210	263.	13.08	58.	15.	7.	.46
	2 COMBINED AT						
+		1I210	249.	13.08	55.	14.	7.	13.64
	HYDROGRAPH AT						
+		2D209	45.	13.08	8.	2.	1.	16.18
	ROUTED TO						
+		R209	36.	13.67	8.	2.	1.	16.18
	2 COMBINED AT						
+		CP210	255.	13.08	62.	16.	8.	16.58
	ROUTED TO						
+		R210	222.	13.92	62.	16.	8.	16.58

+	HYDROGRAPH AT	1D209	138.	13.08	34.	9.	4.	16.18
+	ROUTED TO	R209	70.	16.00	29.	9.	4.	16.18
+	HYDROGRAPH AT	221	269.	13.08	61.	15.	7.	.48
+	2 COMBINED AT	1I221	252.	13.08	77.	23.	11.	16.66
+	2 COMBINED AT	2I221	331.	13.75	139.	39.	19.	17.06
+	HYDROGRAPH AT	D220	64.	13.08	18.	5.	2.	18.17
+	ROUTED TO	R220	50.	13.75	18.	5.	2.	18.17
+	2 COMBINED AT	CP221	377.	13.75	156.	43.	21.	19.11
+	ROUTED TO	R221	341.	14.92	155.	43.	21.	19.11
+	HYDROGRAPH AT	1D220	198.	13.08	57.	14.	7.	18.17
+	ROUTED TO	R220	111.	16.17	48.	14.	7.	18.17
+	HYDROGRAPH AT	239	289.	13.08	64.	16.	8.	.48
+	2 COMBINED AT	1I239	270.	13.08	92.	29.	14.	18.65
+	2 COMBINED AT	2I239	350.	14.83	242.	72.	35.	19.59
+	2 COMBINED AT	!CM2	334.	14.83	237.	95.	46.	31.48
+	DIVERSION TO	2D251	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	1D239	334.	14.83	237.	95.	46.	31.48
+	DIVERSION TO	DI252	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	2D239	334.	14.83	237.	95.	46.	31.48
+	ROUTED TO	RCM2	332.	15.00	236.	95.	46.	31.48
+	HYDROGRAPH AT	240	266.	13.00	54.	14.	6.	.40
+	2 COMBINED AT	!CM3	471.	13.08	279.	107.	51.	31.88
+	ROUTED TO	RCM3	458.	13.33	277.	107.	51.	31.88
+	HYDROGRAPH AT	213	351.	12.50	45.	12.	6.	.35
+	ROUTED TO	R213	211.	13.42	45.	12.	6.	.35
+	HYDROGRAPH AT	212	268.	13.42	74.	18.	9.	.54
+	ROUTED TO	SR212	187.	13.83	46.	12.	6.	.54

	2 COMBINED AT							
+		CP212	298.	13.75	78.	20.	10.	37.23
	ROUTED TO							
+		R212	260.	14.67	76.	20.	10.	37.23
	HYDROGRAPH AT							
+		1D193	0.	.00	0.	0.	0.	21.57
	ROUTED TO							
+		R193	0.	.00	0.	0.	0.	21.57
	HYDROGRAPH AT							
+		211	282.	13.08	63.	16.	8.	.49
	2 COMBINED AT							
+		CP211	268.	13.08	60.	15.	7.	13.87
	ROUTED TO							
+		R211	187.	14.42	59.	15.	7.	13.87
	HYDROGRAPH AT							
+		221A	159.	13.25	39.	10.	5.	.31
	2 COMBINED AT							
+		1I221A	244.	14.25	99.	26.	12.	.80
	ROUTED TO							
+		SR221A	240.	14.33	85.	22.	10.	.80
	2 COMBINED AT							
+		CP221A	449.	14.58	147.	39.	19.	38.03
	ROUTED TO							
+		R221A	416.	15.17	144.	39.	19.	38.03
	HYDROGRAPH AT							
+		222	519.	13.58	165.	46.	22.	1.10
	2 COMBINED AT							
+		CP222	506.	15.08	275.	80.	38.	39.13
	ROUTED TO							
+		R222	475.	15.75	271.	80.	38.	39.13
	2 COMBINED AT							
+		!CM4	763.	15.58	541.	182.	89.	34.67
	HYDROGRAPH AT							
+		226	1458.	12.33	189.	56.	27.	1.18
	ROUTED TO							
+		SR226	474.	12.75	181.	56.	27.	1.18
	ROUTED TO							
+		R226	386.	15.25	180.	56.	27.	1.18
	HYDROGRAPH AT							
+		201	379.	12.33	39.	10.	5.	.34
	ROUTED TO							
+		R201	196.	13.83	39.	10.	5.	.34
	HYDROGRAPH AT							
+		223	1703.	12.42	316.	106.	51.	1.26
	2 COMBINED AT							
+		1I223	1700.	12.42	350.	115.	56.	1.60
	2 COMBINED AT							
+		CP223	1554.	12.42	446.	152.	74.	54.67
	ROUTED TO							
+		R223	1442.	12.67	445.	152.	74.	54.67
	HYDROGRAPH AT							
+		224	1022.	12.33	111.	29.	14.	.80
	2 COMBINED AT							
+		!BD1N	2125.	12.50	603.	197.	96.	3.58

+	ROUTED TO RBD1N	2125.	12.50	603.	197.	96.	3.58
+	HYDROGRAPH AT 241	1455.	12.50	193.	52.	25.	1.51
+	2 COMBINED AT 1I241	3136.	12.50	702.	222.	108.	56.98
+	2 COMBINED AT !BD2N	3346.	12.50	1217.	399.	195.	39.76
+	ROUTED TO RBD2N	3152.	12.67	1210.	399.	195.	39.76
+	HYDROGRAPH AT 253	487.	13.00	165.	49.	24.	1.01
+	DIVERSION TO 253R	487.	13.00	125.	34.	16.	1.01
+	HYDROGRAPH AT 253T	283.	13.92	55.	16.	8.	1.01
+	2 COMBINED AT 1I253	3152.	12.67	1242.	406.	198.	79.75
+	HYDROGRAPH AT 253A	282.	12.33	31.	9.	4.	.25
+	DIVERSION TO 253AR	168.	12.08	10.	3.	1.	.25
+	HYDROGRAPH AT 253AT	282.	12.33	23.	6.	3.	.25
+	ROUTED TO R253A	132.	13.25	22.	6.	3.	.25
+	2 COMBINED AT !!I253	3152.	12.67	1260.	411.	200.	80.00
+	HYDROGRAPH AT 247	283.	13.08	64.	16.	8.	.50
+	DIVERSION TO DI261	0.	.00	0.	0.	0.	.50
+	HYDROGRAPH AT D247	283.	13.08	64.	16.	8.	.50
+	ROUTED TO R247	252.	13.50	64.	16.	8.	.50
+	HYDROGRAPH AT 248	466.	13.25	116.	29.	14.	1.00
+	HYDROGRAPH AT D234	447.	12.67	55.	14.	7.	14.08
+	ROUTED TO R234	265.	13.50	55.	14.	7.	14.08
+	2 COMBINED AT 1I248	670.	13.33	164.	41.	20.	15.08
+	2 COMBINED AT 2I248	883.	13.42	223.	56.	27.	15.58
+	HYDROGRAPH AT D235	456.	13.50	123.	31.	15.	16.04
+	ROUTED TO R235	412.	14.17	123.	31.	15.	16.04
+	2 COMBINED AT CP248	1087.	13.58	342.	86.	41.	17.54
+	DIVERSION TO DI262	1023.	13.58	331.	83.	40.	17.54

+	HYDROGRAPH AT	D248	64.	13.58	11.	3.	1.	17.54
+	ROUTED TO	R248	50.	14.58	11.	3.	1.	17.54
+	HYDROGRAPH AT	249	514.	13.25	128.	32.	15.	1.00
+	2 COMBINED AT	1I249	484.	13.25	131.	33.	16.	18.54
+	HYDROGRAPH AT	1D236	158.	13.42	36.	9.	4.	26.34
+	ROUTED TO	R236	155.	13.92	36.	9.	4.	26.34
+	2 COMBINED AT	CP249	483.	13.33	164.	41.	20.	28.84
+	DIVERSION TO	DI264	46.	13.25	13.	3.	2.	28.84
+	HYDROGRAPH AT	D249	433.	13.25	149.	37.	18.	28.84
+	ROUTED TO	R249	415.	13.83	149.	37.	18.	28.84
+	HYDROGRAPH AT	2D236	241.	13.42	65.	16.	8.	26.34
+	ROUTED TO	R236	161.	16.83	57.	16.	8.	26.34
+	HYDROGRAPH AT	250	294.	13.08	65.	16.	8.	.49
+	2 COMBINED AT	1I250	270.	13.08	93.	31.	15.	26.83
+	HYDROGRAPH AT	SRCM1D	150.	19.00	150.	133.	78.	30.06
+	ROUTED TO	RLP8	150.	19.83	150.	133.	78.	30.06
+	2 COMBINED AT	2I250	269.	13.08	192.	149.	94.	28.33
+	2 COMBINED AT	!LP9	544.	13.58	277.	183.	110.	31.55
+	DIVERSION TO	DI265	544.	13.58	277.	183.	110.	31.55
+	HYDROGRAPH AT	D250	0.	.00	0.	0.	0.	31.55
+	ROUTED TO	R250	0.	.00	0.	0.	0.	31.55
+	HYDROGRAPH AT	2D237	0.	.00	0.	0.	0.	27.84
+	ROUTED TO	R237	0.	.00	0.	0.	0.	27.84
+	HYDROGRAPH AT	250A	296.	13.17	70.	18.	8.	.51
+	2 COMBINED AT	1I250A	234.	13.17	55.	14.	7.	328.35
+	HYDROGRAPH AT	1D238	0.	.00	0.	0.	0.	30.06
+	ROUTED TO	R238	0.	.00	0.	0.	0.	30.06

	2 COMBINED AT							
+		2I250A	270.	13.17	64.	16.	8.	30.85
	2 COMBINED AT							
+		!!250A	268.	13.17	64.	16.	8.	33.84
	ROUTED TO							
+		R250A	249.	13.42	64.	16.	8.	33.84
	HYDROGRAPH AT							
+		2D238	0.	.00	0.	0.	0.	30.06
	ROUTED TO							
+		R238	0.	.00	0.	0.	0.	30.06
	HYDROGRAPH AT							
+		251	307.	13.17	75.	20.	10.	.50
	DIVERSION TO							
+		251R	251.	12.92	29.	8.	4.	.50
	HYDROGRAPH AT							
+		251T	307.	13.17	49.	13.	6.	.50
	2 COMBINED AT							
+		1I251	278.	13.17	41.	11.	5.	30.84
	HYDROGRAPH AT							
+		1D239	0.	.00	0.	0.	0.	31.48
	ROUTED TO							
+		R239	0.	.00	0.	0.	0.	31.48
	2 COMBINED AT							
+		2I251	278.	13.17	41.	11.	5.	32.26
	2 COMBINED AT							
+		!!C251	485.	13.25	104.	27.	13.	35.76
	ROUTED TO							
+		R251	437.	13.75	103.	27.	13.	35.76
	HYDROGRAPH AT							
+		252	296.	13.17	78.	23.	11.	.50
	DIVERSION TO							
+		252R	296.	13.17	59.	16.	8.	.50
	HYDROGRAPH AT							
+		252T	149.	13.83	25.	7.	3.	.50
	HYDROGRAPH AT							
+		2D239	0.	.00	0.	0.	0.	31.48
	ROUTED TO							
+		R239	0.	.00	0.	0.	0.	31.48
	3 COMBINED AT							
+		!!C252	464.	13.75	118.	31.	15.	36.26
	ROUTED TO							
+		R252	214.	16.67	105.	31.	15.	36.26
	2 COMBINED AT							
+		!BD3N	3152.	12.67	1330.	444.	218.	42.53
	ROUTED TO							
+		RBD3N	2955.	12.92	1312.	440.	216.	42.53
	HYDROGRAPH AT							
+		267	1457.	12.42	201.	59.	28.	1.19
	DIVERSION TO							
+		267R	1457.	12.42	200.	58.	28.	1.19
	HYDROGRAPH AT							
+		267T	9.	23.33	4.	2.	1.	1.19
	2 COMBINED AT							
+		!BD4N	2955.	12.92	1312.	440.	216.	43.72

+	ROUTED TO RBD4N	2838.	13.00	1301.	438.	215.	43.72
+	HYDROGRAPH AT 286	407.	12.83	108.	29.	14.	.70
+	DIVERSION TO 286R	357.	12.58	34.	9.	4.	.70
+	HYDROGRAPH AT 286T	407.	12.83	77.	20.	10.	.70
+	2 COMBINED AT 1I286	3112.	13.00	1330.	440.	215.	86.98
+	HYDROGRAPH AT 288	128.	13.25	34.	9.	5.	.22
+	DIVERSION TO 288R	113.	13.08	16.	4.	2.	.22
+	HYDROGRAPH AT 288T	123.	13.33	20.	5.	3.	.22
+	ROUTED TO R288	100.	13.67	20.	5.	3.	.22
+	2 COMBINED AT !BD1S	3177.	13.00	1378.	458.	224.	44.64
+	DIVERSION TO DIBD1S	2366.	13.00	1009.	325.	159.	44.64
+	HYDROGRAPH AT DBD1S	811.	13.00	369.	133.	65.	44.64
+	ROUTED TO RBD1S	697.	13.33	363.	133.	65.	44.64
+	HYDROGRAPH AT DRBD1S	2366.	13.00	1009.	325.	159.	44.64
+	HYDROGRAPH AT 287	214.	12.67	40.	12.	6.	.23
+	DIVERSION TO DI10C4	107.	12.67	20.	6.	3.	.23
+	HYDROGRAPH AT DT10C4	107.	12.67	20.	6.	3.	.23
+	2 COMBINED AT 1BD1S	2425.	13.00	1020.	330.	161.	44.64
+	ROUTED TO SRBD1S	1840.	13.42	943.	315.	152.	44.64
+	DIVERSION TO !ADOTD	478.	13.42	245.	82.	39.	44.64
+	HYDROGRAPH AT D287	1361.	13.42	698.	233.	112.	44.64
+	2 COMBINED AT 1BD2S	2040.	13.42	1057.	362.	177.	46.36
+	HYDROGRAPH AT 283	84.	12.75	20.	5.	3.	.14
+	DIVERSION TO 283R	67.	12.42	5.	1.	1.	.14
+	HYDROGRAPH AT 283T	84.	12.75	16.	4.	2.	.14
+	ROUTED TO R283	71.	13.33	16.	4.	2.	.14
+	HYDROGRAPH AT 285B	81.	12.33	10.	3.	1.	.06

	2 COMBINED AT							
+		!10C1	72.	12.33	22.	6.	3.	36.31
	DIVERSION TO							
+		DI297	0.	.00	0.	0.	0.	36.31
	HYDROGRAPH AT							
+		D285B	72.	12.33	22.	6.	3.	36.31
	ROUTED TO							
+		R10C1	64.	12.42	22.	6.	3.	36.31
	HYDROGRAPH AT							
+		266	1000.	12.42	142.	42.	20.	.85
	DIVERSION TO							
+		266RET	1000.	12.42	142.	41.	20.	.85
	HYDROGRAPH AT							
+		266OUT	3.	17.75	2.	1.	0.	.85
	ROUTED TO							
+		R266	2.	20.25	2.	1.	0.	.85
	HYDROGRAPH AT							
+		284	205.	12.75	51.	14.	7.	.34
	DIVERSION TO							
+		284R	202.	12.67	21.	5.	3.	.34
	HYDROGRAPH AT							
+		284T	205.	12.83	32.	8.	4.	.34
	2 COMBINED AT							
+		CP284	202.	12.83	32.	9.	4.	1.15
	ROUTED TO							
+		SR284	0.	.00	0.	0.	0.	1.15
	ROUTED TO							
+		R284	0.	.00	0.	0.	0.	1.15
	HYDROGRAPH AT							
+		285A	80.	12.33	10.	3.	1.	.06
	2 COMBINED AT							
+		1I285A	70.	12.33	9.	3.	1.	37.89
	2 COMBINED AT							
+		!10C2	130.	12.33	30.	9.	4.	37.89
	DIVERSION TO							
+		1D297A	0.	.00	0.	0.	0.	37.89
	HYDROGRAPH AT							
+		D285A	130.	12.33	30.	9.	4.	37.89
	ROUTED TO							
+		R10C2	127.	12.42	30.	9.	4.	37.89
	HYDROGRAPH AT							
+		285	55.	12.33	7.	2.	1.	.04
	2 COMBINED AT							
+		!10C3	170.	12.42	36.	10.	5.	37.93
	DIVERSION TO							
+		2D297A	0.	.00	0.	0.	0.	37.93
	HYDROGRAPH AT							
+		D285	170.	12.42	36.	10.	5.	37.93
	ROUTED TO							
+		R10C3	153.	12.58	36.	10.	5.	37.93
	HYDROGRAPH AT							
+		DR10C4	107.	12.67	20.	6.	3.	.23
	2 COMBINED AT							
+		!10C4	244.	12.58	54.	16.	8.	38.16

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+          2 COMBINED AT
                          !BD2S      2100.   13.33       1084.       377.       184.      46.36
+          ROUTED TO
                          RBD2S      2097.   13.42       1083.       377.       184.      46.36
+          HYDROGRAPH AT
                            298       669.   12.75        127.        35.        17.        .84
+          DIVERSION TO
                           298R       438.   12.42         40.        11.         5.        .84
+          HYDROGRAPH AT
                           298T       669.   12.75         94.        25.        12.        .84
+          2 COMBINED AT
                          !BD3S      2302.   13.33       1142.       396.       193.      47.20
+          ROUTED TO
                          RBD3S      2205.   13.67       1132.       396.       193.      47.20
+          HYDROGRAPH AT
                            316       467.   13.17        115.        30.        15.        .82
+          DIVERSION TO
                           316R       264.   12.67         28.         7.         4.        .82
+          HYDROGRAPH AT
                           316T       467.   13.17         89.        23.        11.        .82
+          2 COMBINED AT
                          !BD4S      2479.   13.58       1200.       414.       202.      48.02
+          ROUTED TO
                          RBD4S      2409.   13.75       1190.       414.       202.      48.02
+          HYDROGRAPH AT
                            334       397.   12.50         69.        18.         9.        .62
+          DIVERSION TO
                           334R       168.   12.17          9.         2.         1.        .62
+          HYDROGRAPH AT
                           334T       397.   12.50         61.        15.         7.        .62
+          2 COMBINED AT
                          1I334      2417.   13.75       1190.       422.       206.      90.57
+          HYDROGRAPH AT
                           D285         0.     .00          0.         0.         0.      37.93
+          ROUTED TO
                           R285         0.     .00          0.         0.         0.      37.93
+          HYDROGRAPH AT
                          D285A         0.     .00          0.         0.         0.      37.89
+          ROUTED TO
                          R285A         0.     .00          0.         0.         0.      37.89
+          HYDROGRAPH AT
                           297A       202.   12.92         45.        13.         6.        .27
+          DIVERSION TO
                          297AR       195.   12.83         24.         7.         3.        .27
+          HYDROGRAPH AT
                          297AT       185.   13.00         24.         7.         3.        .27
+          2 COMBINED AT
                         1I297A       144.   13.08         19.         5.         3.      38.16
+          2 COMBINED AT
                         CP297A       144.   13.08         19.         5.         3.      38.20
+          ROUTED TO
                          R297A        70.   15.00         18.         5.         3.      38.20
+          HYDROGRAPH AT
                            315       257.   13.25         66.        18.         9.        .47
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	DIVERSION TO							
+		315R	176.	12.92	22.	6.	3.	.47
	HYDROGRAPH AT							
+		315T	257.	13.25	47.	12.	6.	.47
	2 COMBINED AT							
+		CP315	228.	13.25	57.	15.	7.	38.67
	ROUTED TO							
+		R315	112.	15.17	51.	15.	7.	38.67
	2 COMBINED AT							
+		!BD5S	2435.	13.75	1244.	440.	215.	49.38
	ROUTED TO							
+		RBD5S	2395.	13.83	1241.	440.	215.	49.38
	HYDROGRAPH AT							
+		335	398.	12.67	77.	22.	11.	.43
	2 COMBINED AT							
+		!BD6S	2430.	13.83	1258.	457.	224.	49.81
	ROUTED TO							
+		R335	2415.	13.92	1256.	457.	224.	49.81
	HYDROGRAPH AT							
+		335A	107.	12.25	10.	2.	1.	.07
	2 COMBINED AT							
+		CP335A	2415.	13.92	1256.	459.	225.	49.88
	ROUTED TO							
+		R335A	2403.	14.00	1256.	459.	225.	49.88
	HYDROGRAPH AT							
+		299	325.	12.75	56.	15.	7.	.40
	DIVERSION TO							
+		299R	124.	12.17	7.	2.	1.	.40
	HYDROGRAPH AT							
+		299T	325.	12.75	50.	13.	6.	.40
	ROUTED TO							
+		R299	211.	14.25	50.	13.	6.	.40
	HYDROGRAPH AT							
+		317	323.	13.25	79.	20.	10.	.57
	DIVERSION TO							
+		317R	86.	12.25	5.	1.	1.	.57
	HYDROGRAPH AT							
+		317T	323.	13.25	75.	19.	9.	.57
	2 COMBINED AT							
+		CP317	321.	13.25	124.	31.	15.	.95
	ROUTED TO							
+		R317	292.	13.83	121.	31.	15.	.95
	HYDROGRAPH AT							
+		300	334.	12.83	70.	20.	10.	.39
	ROUTED TO							
+		R300	255.	14.17	69.	20.	10.	.39
	HYDROGRAPH AT							
+		318	598.	12.67	114.	35.	17.	.62
	2 COMBINED AT							
+		CP318	601.	12.67	175.	54.	26.	1.01
	ROUTED TO							
+		R318	553.	12.92	174.	54.	26.	1.01
	HYDROGRAPH AT							
+		301	550.	12.17	60.	19.	9.	.30

	DIVERSION TO							
+		301R	11.	9.58	7.	2.	1.	.30
	HYDROGRAPH AT							
+		301T	550.	12.17	60.	17.	8.	.30
	ROUTED TO							
+		R301	222.	13.83	59.	17.	8.	.30
	HYDROGRAPH AT							
+		319	595.	12.50	100.	31.	15.	.54
	2 COMBINED AT							
+		CP319	593.	12.50	150.	47.	23.	.84
	ROUTED TO							
+		R319	538.	12.83	149.	47.	23.	.84
	HYDROGRAPH AT							
+		337	748.	12.25	89.	27.	13.	.49
	3 COMBINED AT							
+		CP337	1163.	12.83	401.	126.	61.	2.34
	ROUTED TO							
+		SR337	375.	14.92	357.	126.	61.	2.34
	DIVERSION TO							
+		DI367	375.	14.92	357.	126.	61.	2.34
	HYDROGRAPH AT							
+		D337	0.	.00	0.	0.	0.	2.34
	ROUTED TO							
+		R337	0.	.00	0.	0.	0.	2.34
	2 COMBINED AT							
+		1I336	293.	13.83	121.	31.	15.	33.31
	HYDROGRAPH AT							
+		336	629.	13.92	256.	79.	38.	1.36
	2 COMBINED AT							
+		CP336	788.	13.92	315.	95.	46.	88.01
	ROUTED TO							
+		R336	782.	14.00	315.	95.	46.	88.01
	2 COMBINED AT							
+		BLRD2	2999.	14.00	1463.	518.	256.	94.97
	HYDROGRAPH AT							
+		336A	109.	13.50	47.	13.	6.	.37
	ROUTED TO							
+		R336A	108.	13.75	47.	13.	6.	.37
	HYDROGRAPH AT							
+		364A	92.	12.67	14.	4.	2.	.10
	2 COMBINED AT							
+		CP364A	138.	12.75	61.	16.	8.	.44
	2 COMBINED AT							
+		!!BRD3	3077.	14.00	1498.	530.	262.	97.93
	ROUTED TO							
+		RBLRD3	3052.	14.17	1497.	530.	262.	97.93
	HYDROGRAPH AT							
+		365	264.	12.83	48.	13.	6.	.38
	ROUTED TO							
+		R365	177.	14.50	46.	13.	6.	.38
	HYDROGRAPH AT							
+		364	305.	13.08	70.	17.	8.	.49
	2 COMBINED AT							
+		CP364	303.	13.08	111.	30.	14.	1.60

	ROUTED TO						
+	SR364	275.	13.25	100.	27.	13.	1.60
	3 COMBINED AT						
+	AFR6	3448.	14.17	2740.	1196.	597.	103.03
	HYDROGRAPH AT						
+	364B	146.	13.08	33.	8.	4.	.23
	ROUTED TO						
+	R364B	124.	14.08	33.	8.	4.	.23
	HYDROGRAPH AT						
+	363	343.	13.25	87.	22.	10.	.63
	2 COMBINED AT						
+	1I363	399.	13.33	119.	30.	14.	.86
	HYDROGRAPH AT						
+	314	368.	12.67	70.	20.	10.	.42
	DIVERSION TO						
+	314R	368.	12.67	39.	11.	5.	.42
	HYDROGRAPH AT						
+	314T	328.	12.83	36.	10.	5.	.42
	ROUTED TO						
+	R314	99.	15.25	33.	10.	5.	.42
	HYDROGRAPH AT						
+	333	611.	12.50	104.	32.	15.	.58
	DIVERSION TO						
+	333R	611.	12.50	92.	25.	12.	.58
	HYDROGRAPH AT						
+	333T	114.	13.25	21.	7.	3.	.58
	2 COMBINED AT						
+	CP333	114.	13.25	50.	16.	8.	1.00
	ROUTED TO						
+	R333	96.	16.17	49.	16.	8.	1.00
	HYDROGRAPH AT						
+	348A	212.	12.58	34.	10.	5.	.22
	DIVERSION TO						
+	348AR	212.	12.58	23.	6.	3.	.22
	HYDROGRAPH AT						
+	348AT	133.	12.83	13.	4.	2.	.22
	2 COMBINED AT						
+	CP348A	130.	12.83	57.	20.	10.	1.22
	ROUTED TO						
+	R348A	93.	16.58	55.	20.	10.	1.22
	HYDROGRAPH AT						
+	348B	420.	13.33	123.	35.	17.	.78
	DIVERSION TO						
+	348BR	89.	12.17	14.	4.	2.	.78
	HYDROGRAPH AT						
+	348BT	420.	13.33	117.	31.	15.	.78
	2 COMBINED AT						
+	CP348B	484.	13.33	166.	50.	24.	1.75
	ROUTED TO						
+	SR348B	437.	13.50	165.	50.	24.	1.75
	ROUTED TO						
+	R348B	382.	14.33	158.	50.	24.	1.75
	2 COMBINED AT						
+	1I363	620.	14.17	253.	79.	38.	2.38

+	HYDROGRAPH AT	348	269.	12.75	54.	15.	7.	.34
+	DIVERSION TO	348R	269.	12.75	31.	8.	4.	.34
+	HYDROGRAPH AT	348T	227.	12.92	27.	7.	3.	.34
+	ROUTED TO	SR348	183.	13.08	25.	7.	3.	.34
+	DIVERSION TO	DI347	0.	.00	0.	0.	0.	.34
+	HYDROGRAPH AT	D348	183.	13.08	25.	7.	3.	.34
+	ROUTED TO	R348	98.	14.00	23.	7.	4.	.34
+	2 COMBINED AT	CP363	700.	14.17	274.	86.	42.	2.58
+	ROUTED TO	R363	631.	14.92	273.	86.	42.	2.58
+	HYDROGRAPH AT	362	325.	12.83	60.	15.	7.	.42
+	2 COMBINED AT	1I362	631.	14.92	318.	101.	48.	3.14
+	HYDROGRAPH AT	265	98.	13.08	33.	8.	4.	.25
+	HYDROGRAPH AT	D250	544.	13.58	277.	183.	110.	31.55
+	ROUTED TO	RLP9	542.	13.67	277.	183.	110.	31.55
+	2 COMBINED AT	!LP10	612.	13.67	300.	189.	113.	33.58
+	DIVERSION TO	3D278	612.	13.67	300.	189.	113.	33.58
+	HYDROGRAPH AT	DCP265	0.	.00	0.	0.	0.	33.58
+	ROUTED TO	R265	0.	.00	0.	0.	0.	33.58
+	HYDROGRAPH AT	265A	515.	12.83	135.	36.	18.	.92
+	DIVERSION TO	165AR	262.	12.25	21.	6.	3.	.92
+	HYDROGRAPH AT	165AT	515.	12.83	119.	31.	15.	.92
+	2 COMBINED AT	CP265A	467.	12.83	106.	27.	13.	32.90
+	ROUTED TO	R265A	390.	14.00	103.	27.	13.	32.90
+	HYDROGRAPH AT	281	394.	13.00	132.	39.	19.	.85
+	DIVERSION TO	281R	394.	13.00	101.	27.	13.	.85
+	HYDROGRAPH AT	281T	196.	14.00	42.	12.	6.	.85
+	2 COMBINED AT	CP281	464.	14.00	134.	37.	18.	28.12

	ROUTED TO							
+		SR281	433.	14.42	121.	33.	16.	28.12
	DIVERSION TO							
+		DI280	33.	14.42	9.	3.	1.	28.12
	HYDROGRAPH AT							
+		D281	400.	14.42	112.	31.	15.	28.12
	ROUTED TO							
+		R281	396.	14.42	112.	31.	15.	28.12
	HYDROGRAPH AT							
+		282	154.	12.33	17.	4.	2.	.12
	2 COMBINED AT							
+		CP282	396.	14.42	119.	34.	17.	28.25
	ROUTED TO							
+		SR282	299.	15.00	119.	34.	17.	28.25
	ROUTED TO							
+		R282	291.	15.33	117.	34.	17.	28.25
	HYDROGRAPH AT							
+		296A	458.	12.42	65.	19.	9.	.39
	2 COMBINED AT							
+		CP296A	421.	12.42	169.	51.	25.	28.66
	DIVERSION TO							
+		296ART	421.	12.42	54.	14.	7.	28.66
	HYDROGRAPH AT							
+		296AOT	296.	15.33	128.	37.	18.	28.66
	ROUTED TO							
+		R296A	234.	17.25	119.	37.	18.	28.66
	HYDROGRAPH AT							
+		232	959.	12.42	105.	27.	13.	.93
	DIVERSION TO							
+		2D28	959.	12.42	105.	27.	13.	.93
	HYDROGRAPH AT							
+		D232	0.	.00	0.	0.	0.	.93
	ROUTED TO							
+		R232	0.	.00	0.	0.	0.	.93
	HYDROGRAPH AT							
+		246	706.	12.50	98.	27.	13.	.75
	DIVERSION TO							
+		246R	412.	12.17	27.	7.	3.	.75
	HYDROGRAPH AT							
+		246T	706.	12.50	76.	20.	9.	.75
	2 COMBINED AT							
+		CP246	700.	12.50	75.	19.	9.	1.68
	ROUTED TO							
+		R246	601.	12.75	75.	19.	9.	1.68
	HYDROGRAPH AT							
+		260	532.	12.33	56.	15.	7.	.50
	2 COMBINED AT							
+		CP260	767.	12.67	128.	34.	16.	2.18
	ROUTED TO							
+		R260	668.	13.00	128.	34.	16.	2.18
	HYDROGRAPH AT							
+		273	648.	12.42	74.	19.	9.	.65
	2 COMBINED AT							
+		!10W1	876.	12.50	200.	52.	25.	2.83

+	DIVERSION TO	1D292	0.	.00	0.	0.	0.	2.83
+	HYDROGRAPH AT	D273	876.	12.50	200.	52.	25.	2.83
+	ROUTED TO	R10W1	856.	12.58	200.	52.	25.	2.83
+	HYDROGRAPH AT	261	202.	13.17	48.	13.	6.	.41
+	HYDROGRAPH AT	D247	0.	.00	0.	0.	0.	.50
+	ROUTED TO	R247	0.	.00	0.	0.	0.	.50
+	2 COMBINED AT	CP261	202.	13.17	48.	13.	6.	.91
+	DIVERSION TO	DI277	74.	13.17	16.	4.	2.	.91
+	HYDROGRAPH AT	D261	126.	13.17	31.	8.	4.	.91
+	ROUTED TO	R261	109.	13.75	31.	8.	4.	.91
+	HYDROGRAPH AT	274	261.	13.50	73.	18.	9.	.66
+	2 COMBINED AT	1I274	347.	13.58	104.	27.	13.	1.57
+	2 COMBINED AT	!10W2	894.	12.58	283.	74.	36.	18.76
+	DIVERSION TO	2D292	0.	.00	0.	0.	0.	18.76
+	HYDROGRAPH AT	D274	894.	12.58	283.	74.	36.	18.76
+	ROUTED TO	R10W2	884.	12.67	283.	74.	36.	18.76
+	HYDROGRAPH AT	275	117.	12.42	14.	3.	2.	.11
+	2 COMBINED AT	!10W3	956.	12.58	295.	77.	37.	19.01
+	DIVERSION TO	1D293	0.	.00	0.	0.	0.	19.01
+	HYDROGRAPH AT	D275	956.	12.58	295.	77.	37.	19.01
+	ROUTED TO	R10W3	925.	12.75	295.	77.	37.	19.01
+	HYDROGRAPH AT	276	167.	13.00	33.	8.	4.	.26
+	2 COMBINED AT	!10W4	1054.	12.83	325.	85.	41.	19.26
+	DIVERSION TO	2D293	0.	.00	0.	0.	0.	19.26
+	HYDROGRAPH AT	D276	1054.	12.83	325.	85.	41.	19.26
+	ROUTED TO	R10W4	1042.	12.92	325.	85.	41.	19.26
+	HYDROGRAPH AT	D248	1023.	13.58	331.	83.	40.	17.54

+	ROUTED TO R248	1001.	13.92	330.	83.	40.	17.54
+	HYDROGRAPH AT 262	509.	13.25	121.	30.	15.	1.03
+	2 COMBINED AT CP262	1235.	13.83	440.	111.	53.	18.57
+	DIVERSION TO 1D278	422.	13.83	150.	38.	18.	18.57
+	HYDROGRAPH AT 1D262	813.	13.83	290.	73.	35.	18.57
+	DIVERSION TO DI263	569.	13.83	204.	52.	25.	18.57
+	HYDROGRAPH AT 2D262	244.	13.83	85.	21.	10.	18.57
+	ROUTED TO R262	230.	14.67	85.	21.	10.	18.57
+	HYDROGRAPH AT D261	74.	13.17	16.	4.	2.	.91
+	ROUTED TO R261	27.	20.08	16.	4.	2.	.91
+	HYDROGRAPH AT 277	495.	13.08	109.	28.	13.	.91
+	2 COMBINED AT 1I277	492.	13.08	108.	32.	15.	1.82
+	2 COMBINED AT 2I277	463.	13.08	180.	51.	24.	19.48
+	2 COMBINED AT !10W5	1483.	13.08	502.	135.	65.	20.76
+	DIVERSION TO 3D293	0.	.00	0.	0.	0.	20.76
+	HYDROGRAPH AT D277	1483.	13.08	502.	135.	65.	20.76
+	ROUTED TO R10W5	1483.	13.08	502.	135.	65.	20.76
+	HYDROGRAPH AT 279D	30.	12.17	2.	1.	0.	.02
+	2 COMBINED AT !10W6	1483.	13.08	504.	135.	65.	21.06
+	DIVERSION TO 1D294	0.	.00	0.	0.	0.	21.06
+	HYDROGRAPH AT D279D	1481.	13.08	504.	135.	65.	21.06
+	ROUTED TO R10W6	1481.	13.08	504.	135.	65.	21.06
+	HYDROGRAPH AT 279C	129.	12.00	11.	4.	2.	.05
+	2 COMBINED AT !10W7	1484.	13.08	511.	138.	67.	21.28
+	ROUTED TO SR10W7	731.	14.00	508.	138.	67.	21.28
+	DIVERSION TO 2D294	0.	.00	0.	0.	0.	21.28
+	HYDROGRAPH AT D279C	731.	14.00	508.	138.	67.	21.28

+	ROUTED TO	R10W7	731.	14.00	508.	138.	67.	21.28
+	HYDROGRAPH AT	279B	81.	12.00	8.	3.	1.	.03
+	2 COMBINED AT	!10W8	734.	14.00	513.	141.	68.	21.56
+	DIVERSION TO	1D294A	0.	.00	0.	0.	0.	21.56
+	HYDROGRAPH AT	D279B	734.	14.00	513.	141.	68.	21.56
+	ROUTED TO	R10W8	734.	14.00	513.	141.	68.	21.56
+	HYDROGRAPH AT	279A	177.	12.00	16.	5.	2.	.07
+	DIVERSION TO	279ART	177.	12.00	16.	5.	2.	.07
+	HYDROGRAPH AT	279AOT	0.	.00	0.	0.	0.	.07
+	2 COMBINED AT	!10W9	734.	14.00	513.	141.	68.	22.26
+	DIVERSION TO	2D294A	0.	.00	0.	0.	0.	22.26
+	HYDROGRAPH AT	D279A	733.	14.00	512.	140.	68.	22.26
+	ROUTED TO	R10W9	733.	14.00	512.	140.	68.	22.26
+	HYDROGRAPH AT	279	71.	12.25	6.	2.	1.	.05
+	2 COMBINED AT	!10W10	732.	14.00	517.	142.	68.	22.76
+	HYDROGRAPH AT	2D262	569.	13.83	204.	52.	25.	18.57
+	ROUTED TO	R262	554.	14.17	203.	52.	25.	18.57
+	HYDROGRAPH AT	263	291.	13.08	63.	16.	8.	.50
+	2 COMBINED AT	CP263	611.	14.00	260.	67.	32.	19.07
+	DIVERSION TO	2D278	432.	14.00	184.	47.	23.	19.07
+	HYDROGRAPH AT	D263	178.	14.00	76.	19.	9.	19.07
+	ROUTED TO	R263	175.	14.33	76.	19.	9.	19.07
+	HYDROGRAPH AT	D249	46.	13.25	13.	3.	2.	28.84
+	ROUTED TO	R249	40.	14.58	13.	3.	2.	28.84
+	HYDROGRAPH AT	264	318.	13.00	66.	16.	8.	.50
+	2 COMBINED AT	1I264	290.	13.00	72.	18.	9.	29.34
+	2 COMBINED AT	CP264	332.	13.08	144.	37.	18.	30.87

	ROUTED TO						
+	R264	301.	14.17	137.	37.	18.	30.87
	HYDROGRAPH AT						
+	1D262	422.	13.83	150.	38.	18.	18.57
	ROUTED TO						
+	R262	281.	16.08	149.	38.	18.	18.57
	HYDROGRAPH AT						
+	D263	432.	14.00	184.	47.	23.	19.07
	ROUTED TO						
+	R263	405.	15.33	173.	47.	23.	19.07
	2 COMBINED AT						
+	1I278	622.	15.92	322.	85.	41.	19.07
	2 COMBINED AT						
+	2I278	753.	15.83	439.	118.	57.	30.87
	HYDROGRAPH AT						
+	278	452.	13.33	115.	29.	14.	1.00
	HYDROGRAPH AT						
+	DCP265	612.	13.67	300.	189.	113.	33.58
	ROUTED TO						
+	RLP10	610.	13.75	300.	188.	112.	33.58
	2 COMBINED AT						
+	!LP11	979.	13.33	390.	212.	124.	35.83
	ROUTED TO						
+	RLP11	978.	13.33	390.	212.	124.	35.83
	2 COMBINED AT						
+	!LP12	1037.	14.00	787.	328.	180.	36.00
	2 COMBINED AT						
+	ILP12	1746.	14.00	1257.	458.	244.	38.55
	ROUTED TO						
+	SRLP12	525.	18.50	446.	276.	156.	38.55
	DIVERSION TO						
+	3D294A	525.	18.50	446.	276.	156.	38.55
	HYDROGRAPH AT						
+	D279	0.	.00	0.	0.	0.	38.55
	ROUTED TO						
+	R279	0.	.00	0.	0.	0.	38.55
	HYDROGRAPH AT						
+	280	267.	13.33	68.	17.	8.	.61
	HYDROGRAPH AT						
+	D281	33.	14.42	9.	3.	1.	28.12
	ROUTED TO						
+	R281	32.	14.50	9.	3.	1.	28.12
	2 COMBINED AT						
+	1I280	267.	13.33	78.	20.	10.	36.47
	2 COMBINED AT						
+	CP280	231.	13.33	66.	17.	8.	43.77
	ROUTED TO						
+	SR280	150.	13.83	66.	17.	8.	43.77
	ROUTED TO						
+	R280	142.	15.08	66.	17.	8.	43.77
	HYDROGRAPH AT						
+	280A	50.	12.75	8.	2.	1.	.06
	2 COMBINED AT						
+	CP280A	142.	15.08	70.	19.	9.	43.83

	ROUTED TO							
+		SR280A	105.	16.42	30.	8.	4.	43.83
	ROUTED TO							
+		R280A	97.	17.00	30.	8.	4.	43.83
	HYDROGRAPH AT							
+		296	388.	12.58	64.	19.	9.	.38
	2 COMBINED AT							
+		CP296	343.	12.58	72.	24.	12.	44.21
	DIVERSION TO							
+		296OUT	343.	12.58	67.	19.	9.	44.21
	HYDROGRAPH AT							
+		296RET	83.	17.50	21.	6.	3.	44.21
	ROUTED TO							
+		R296	33.	20.83	19.	6.	3.	44.21
	HYDROGRAPH AT							
+		312	413.	13.17	110.	33.	16.	.66
	DIVERSION TO							
+		312R	413.	13.17	92.	25.	12.	.66
	HYDROGRAPH AT							
+		312T	163.	14.00	28.	8.	4.	.66
	3 COMBINED AT							
+		CP312	233.	17.33	134.	47.	23.	47.40
	ROUTED TO							
+		R312	211.	19.17	127.	45.	22.	47.40
	HYDROGRAPH AT							
+		331	473.	13.08	110.	29.	14.	.75
	DIVERSION TO							
+		331R	268.	12.58	27.	7.	4.	.75
	HYDROGRAPH AT							
+		331T	473.	13.08	85.	22.	11.	.75
	2 COMBINED AT							
+		1I331	416.	13.08	129.	63.	30.	48.15
	HYDROGRAPH AT							
+		295A	106.	12.08	7.	2.	1.	.06
	ROUTED TO							
+		R295A	50.	13.17	7.	2.	1.	.06
	HYDROGRAPH AT							
+		311A	248.	12.92	49.	12.	6.	.31
	2 COMBINED AT							
+		CP311A	267.	12.92	56.	14.	7.	.37
	ROUTED TO							
+		R311A	233.	13.75	56.	14.	7.	.37
	2 COMBINED AT							
+		CP331	427.	13.08	133.	75.	36.	48.52
	HYDROGRAPH AT							
+		D279	525.	18.50	446.	276.	156.	38.55
	ROUTED TO							
+		RLP12	525.	18.58	446.	276.	156.	38.55
	DIVERSION TO							
+		DILP13	525.	18.58	446.	276.	156.	38.55
	HYDROGRAPH AT							
+		2DLP12	0.	.00	0.	0.	0.	38.55
	HYDROGRAPH AT							
+		294A	338.	12.25	30.	8.	4.	.26

+	2 COMBINED AT	1I294A	297.	12.25	26.	7.	3.	36.40
+	HYDROGRAPH AT	D279B	0.	.00	0.	0.	0.	21.56
+	ROUTED TO	R279B	0.	.00	0.	0.	0.	21.56
+	2 COMBINED AT	2I294A	297.	12.25	26.	7.	3.	36.40
+	HYDROGRAPH AT	D279A	0.	.00	0.	0.	0.	22.26
+	ROUTED TO	R279A	0.	.00	0.	0.	0.	22.26
+	2 COMBINED AT	R279A	297.	12.25	26.	7.	3.	36.40
+	ROUTED TO	SR294A	295.	12.33	18.	5.	2.	36.40
+	ROUTED TO	R294A	152.	12.58	18.	5.	2.	36.40
+	HYDROGRAPH AT	295	486.	12.25	53.	15.	7.	.31
+	DIVERSION TO	295RET	187.	11.92	10.	3.	1.	.31
+	HYDROGRAPH AT	295OUT	486.	12.25	46.	12.	6.	.31
+	HYDROGRAPH AT	2DLP12	525.	18.58	446.	276.	156.	38.55
+	3 COMBINED AT	!LP13	523.	18.58	445.	276.	162.	39.62
+	ROUTED TO	RLP13	523.	18.67	445.	276.	162.	39.62
+	HYDROGRAPH AT	311	398.	13.33	108.	29.	14.	.73
+	DIVERSION TO	311R	335.	13.08	46.	12.	6.	.73
+	HYDROGRAPH AT	311T	398.	13.33	67.	17.	8.	.73
+	2 COMBINED AT	!LP14	524.	18.67	446.	282.	168.	40.35
+	ROUTED TO	SRLP14	397.	21.42	371.	253.	142.	40.35
+	ROUTED TO	RLP14	396.	21.50	371.	253.	141.	40.35
+	HYDROGRAPH AT	330	503.	12.67	89.	25.	12.	.59
+	DIVERSION TO	330R	503.	12.67	58.	15.	7.	.59
+	HYDROGRAPH AT	330T	357.	12.92	36.	10.	5.	.59
+	2 COMBINED AT	1I330	406.	21.42	378.	256.	146.	38.03
+	2 COMBINED AT	!LP15	658.	13.08	483.	299.	178.	45.87
+	ROUTED TO	RLP15	635.	13.17	483.	298.	178.	45.87

+	HYDROGRAPH AT	346A	102.	13.00	21.	5.	3.	.16
+	2 COMBINED AT	!LP16	719.	13.08	483.	301.	180.	46.03
+	ROUTED TO	SRLP16	336.	26.75	325.	243.	130.	46.03
+	DIVERSION TO	2D378	336.	26.75	325.	243.	130.	46.03
+	HYDROGRAPH AT	2DLP16	0.	.00	0.	0.	0.	46.03
+	DIVERSION TO	DI346C	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT	D346A	0.	.00	0.	0.	0.	46.03
+	ROUTED TO	R346A	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT	D285B	0.	.00	0.	0.	0.	36.31
+	ROUTED TO	R285B	0.	.00	0.	0.	0.	36.31
+	HYDROGRAPH AT	297	211.	13.17	51.	14.	7.	.38
+	DIVERSION TO	297R	172.	12.92	20.	5.	3.	.38
+	HYDROGRAPH AT	297T	211.	13.17	33.	9.	4.	.38
+	2 COMBINED AT	CP297	187.	13.17	27.	7.	3.	36.74
+	ROUTED TO	SR297	0.	.00	0.	0.	0.	36.74
+	ROUTED TO	R297	0.	.00	0.	0.	0.	36.74
+	HYDROGRAPH AT	313	698.	12.17	78.	24.	11.	.43
+	DIVERSION TO	313R	698.	12.17	69.	18.	9.	.43
+	HYDROGRAPH AT	313T	102.	12.67	16.	5.	2.	.43
+	2 COMBINED AT	CP313	18.	12.67	8.	3.	1.	37.12
+	ROUTED TO	R313	11.	15.83	7.	3.	1.	37.12
+	HYDROGRAPH AT	332	319.	13.17	80.	22.	11.	.56
+	DIVERSION TO	332R	238.	12.92	30.	8.	4.	.56
+	HYDROGRAPH AT	332T	319.	13.17	54.	14.	7.	.56
+	2 COMBINED AT	CP332	283.	13.17	51.	14.	7.	37.68
+	ROUTED TO	R332	132.	15.00	49.	14.	7.	37.68
+	HYDROGRAPH AT	347	544.	13.08	118.	30.	14.	1.02

	2 COMBINED AT							
+		1I347	481.	13.08	145.	41.	20.	38.70
	2 COMBINED AT							
+		2I347	469.	13.08	140.	39.	19.	52.64
	HYDROGRAPH AT							
+		D348	0.	.00	0.	0.	0.	.34
	ROUTED TO							
+		R348	0.	.00	0.	0.	0.	.34
	2 COMBINED AT							
+		CP347	469.	13.08	140.	39.	19.	52.98
	ROUTED TO							
+		SR347	451.	13.17	140.	39.	19.	52.98
	ROUTED TO							
+		R347	378.	13.92	133.	39.	19.	52.98
	2 COMBINED AT							
+		CP362	808.	13.92	470.	147.	71.	5.70
	ROUTED TO							
+		SR362	740.	15.08	407.	128.	61.	5.70
	ROUTED TO							
+		R362	702.	16.83	399.	128.	61.	5.70
	HYDROGRAPH AT							
+		378	415.	13.42	117.	29.	14.	.78
	HYDROGRAPH AT							
+		2DLP16	336.	26.75	325.	243.	130.	46.03
	ROUTED TO							
+		RLP16	336.	27.00	325.	243.	129.	46.03
	2 COMBINED AT							
+		!LP17	386.	25.92	371.	271.	159.	46.81
	3 COMBINED AT							
+		AFR11	3512.	14.17	2927.	1373.	716.	151.98
	HYDROGRAPH AT							
+		225	488.	12.42	74.	22.	11.	.43
	DIVERSION TO							
+		225R	488.	12.42	50.	14.	6.	.43
	HYDROGRAPH AT							
+		225T	345.	12.67	30.	8.	4.	.43
	HYDROGRAPH AT							
+		225A	457.	12.42	59.	17.	8.	.37
	DIVERSION TO							
+		225AR	394.	12.25	27.	7.	3.	.37
	HYDROGRAPH AT							
+		225AT	457.	12.42	36.	10.	5.	.37
	2 COMBINED AT							
+		CP225	594.	12.67	65.	18.	8.	.80
	ROUTED TO							
+		SR225	30.	13.75	26.	16.	8.	.80
	ROUTED TO							
+		R225	30.	14.83	26.	15.	8.	.80
	HYDROGRAPH AT							
+		242	1187.	12.17	117.	35.	17.	.71
	DIVERSION TO							
+		242R	1187.	12.17	80.	22.	10.	.71
	HYDROGRAPH AT							
+		242T	734.	12.33	47.	13.	6.	.71

	2 COMBINED AT							
+		!!C242	727.	12.33	65.	28.	14.	1.94
	ROUTED TO							
+		R242	454.	12.50	63.	27.	14.	1.94
	HYDROGRAPH AT							
+		243A	353.	12.08	30.	9.	4.	.18
	DIVERSION TO							
+		243AR	353.	12.08	28.	7.	4.	.18
	HYDROGRAPH AT							
+		243AT	18.	12.42	5.	2.	1.	.18
	2 COMBINED AT							
+		!!243A	460.	12.50	67.	29.	15.	1.81
	ROUTED TO							
+		R243A	330.	12.67	65.	29.	15.	1.81
	HYDROGRAPH AT							
+		227	333.	12.25	32.	8.	4.	.23
	DIVERSION TO							
+		227R	193.	12.00	9.	2.	1.	.23
	HYDROGRAPH AT							
+		227T	333.	12.25	24.	6.	3.	.23
	ROUTED TO							
+		R227	227.	12.67	24.	6.	3.	.23
	HYDROGRAPH AT							
+		228	326.	12.33	32.	8.	4.	.28
	ROUTED TO							
+		R228	288.	12.58	32.	8.	4.	.28
	HYDROGRAPH AT							
+		229	750.	12.17	73.	21.	10.	.51
	3 COMBINED AT							
+		CP229	789.	12.25	127.	34.	17.	1.02
	DIVERSION TO							
+		1D230	171.	12.25	28.	7.	4.	1.02
	HYDROGRAPH AT							
+		1D229	617.	12.25	99.	27.	13.	1.02
	DIVERSION TO							
+		DI231	157.	12.25	25.	7.	3.	1.02
	HYDROGRAPH AT							
+		2D229	461.	12.25	74.	20.	10.	1.02
	ROUTED TO							
+		R229	423.	12.50	74.	20.	10.	1.02
	HYDROGRAPH AT							
+		230A	291.	12.17	22.	6.	3.	.18
	2 COMBINED AT							
+		CP230A	539.	12.25	95.	26.	12.	1.20
	DIVERSION TO							
+		2D230	472.	12.25	81.	21.	10.	1.20
	HYDROGRAPH AT							
+		D230A	67.	12.25	14.	4.	2.	1.20
	ROUTED TO							
+		R230A	61.	12.75	14.	4.	2.	1.20
	HYDROGRAPH AT							
+		244A	227.	12.08	16.	4.	2.	.11
	DIVERSION TO							
+		244AR	222.	12.00	11.	3.	1.	.11

+	HYDROGRAPH AT	244AT	156.	12.17	5.	1.	1.	.11
+	2 COMBINED AT	CP244A	154.	12.17	19.	5.	3.	1.51
+	ROUTED TO	R244A	55.	13.33	19.	5.	3.	1.51
+	HYDROGRAPH AT	244	135.	13.00	34.	10.	5.	.19
+	DIVERSION TO	244R	135.	13.00	29.	8.	4.	.19
+	HYDROGRAPH AT	244T	44.	13.83	9.	3.	1.	.19
+	2 COMBINED AT	1I244	88.	13.83	27.	8.	4.	1.50
+	HYDROGRAPH AT	1D229	171.	12.25	28.	7.	4.	1.02
+	ROUTED TO	R229	158.	12.42	28.	7.	4.	1.02
+	HYDROGRAPH AT	230	55.	12.33	7.	2.	1.	.04
+	2 COMBINED AT	1I230	208.	12.33	34.	9.	4.	1.06
+	HYDROGRAPH AT	D230A	472.	12.25	81.	21.	10.	1.20
+	ROUTED TO	R230A	457.	12.33	81.	21.	10.	1.20
+	2 COMBINED AT	CP230	665.	12.33	115.	31.	15.	1.24
+	ROUTED TO	R230	624.	12.50	115.	31.	15.	1.24
+	2 COMBINED AT	CP244	647.	12.50	140.	38.	19.	1.54
+	DIVERSION TO	DI245	585.	12.50	107.	27.	13.	1.54
+	HYDROGRAPH AT	D244	62.	12.50	33.	12.	6.	1.54
+	ROUTED TO	R244	61.	12.92	33.	12.	6.	1.54
+	HYDROGRAPH AT	244B	62.	12.50	11.	3.	2.	.06
+	DIVERSION TO	244BR	62.	12.50	9.	3.	1.	.06
+	HYDROGRAPH AT	244BT	15.	13.00	3.	1.	0.	.06
+	3 COMBINED AT	!!244B	387.	12.67	100.	40.	21.	1.60
+	ROUTED TO	R244B	377.	12.75	100.	40.	21.	1.60
+	HYDROGRAPH AT	2D229	157.	12.25	25.	7.	3.	1.02
+	ROUTED TO	R229	123.	12.92	25.	7.	3.	1.02
+	HYDROGRAPH AT	231	303.	12.42	33.	8.	4.	.35

	2 COMBINED AT							
+		CP231	318.	12.50	58.	15.	7.	1.37
	ROUTED TO							
+		R231	223.	13.75	57.	15.	7.	1.37
	HYDROGRAPH AT							
+		D244	585.	12.50	107.	27.	13.	1.54
	ROUTED TO							
+		R244	472.	13.50	107.	27.	13.	1.54
	2 COMBINED AT							
+		1I245	637.	13.67	162.	42.	20.	1.80
	HYDROGRAPH AT							
+		245	168.	12.83	34.	10.	5.	.24
	DIVERSION TO							
+		245RET	142.	12.67	15.	4.	2.	.24
	HYDROGRAPH AT							
+		245OUT	168.	12.83	21.	6.	3.	.24
	3 COMBINED AT							
+		!!C245	772.	13.67	278.	86.	43.	4.16
	2 COMBINED AT							
+		AFR121	3925.	14.17	3071.	1427.	743.	156.14
	HYDROGRAPH AT							
+		!!242A	229.	12.00	16.	5.	2.	.10
	DIVERSION TO							
+		242AR	65.	11.83	5.	1.	1.	.10
	HYDROGRAPH AT							
+		242AT	229.	12.00	13.	3.	2.	.10
	ROUTED TO							
+		R242A	115.	12.42	13.	3.	2.	.10
	HYDROGRAPH AT							
+		242B	669.	12.17	65.	19.	9.	.41
	DIVERSION TO							
+		242BR	618.	12.17	40.	11.	5.	.41
	HYDROGRAPH AT							
+		242BT	556.	12.25	31.	8.	4.	.41
	2 COMBINED AT							
+		!!242B	652.	12.25	43.	12.	6.	.40
	ROUTED TO							
+		R242B	527.	12.42	43.	12.	6.	.40
	HYDROGRAPH AT							
+		243B	132.	12.25	16.	5.	2.	.09
	DIVERSION TO							
+		243BR	132.	12.25	11.	3.	1.	.09
	HYDROGRAPH AT							
+		243BT	78.	12.42	6.	2.	1.	.09
	2 COMBINED AT							
+		CP243B	601.	12.42	49.	14.	7.	.54
	ROUTED TO							
+		R243B	395.	12.67	48.	14.	7.	.54
	HYDROGRAPH AT							
+		243	318.	12.08	25.	7.	3.	.15
	DIVERSION TO							
+		243R	303.	12.00	14.	4.	2.	.15
	HYDROGRAPH AT							
+		243T	269.	12.08	12.	3.	2.	.15

+	2 COMBINED AT	!!C243	404.	12.67	60.	17.	8.	.54
+	ROUTED TO	R243	350.	12.83	59.	17.	8.	.54
+	HYDROGRAPH AT	245A	132.	12.17	9.	2.	1.	.09
+	2 COMBINED AT	!!245A	349.	12.83	67.	19.	9.	1.46
+	ROUTED TO	RR245A	264.	13.25	66.	19.	9.	1.46
+	HYDROGRAPH AT	258	375.	12.42	45.	12.	6.	.38
+	DIVERSION TO	258R	183.	12.08	9.	2.	1.	.38
+	HYDROGRAPH AT	258T	375.	12.42	37.	10.	5.	.38
+	ROUTED TO	SR258	0.	.00	0.	0.	0.	.38
+	3 COMBINED AT	AFR122	4287.	14.08	3344.	1588.	830.	74.98
+	2 COMBINED AT	RCP258	4287.	14.08	3344.	1588.	830.	74.98
+	HYDROGRAPH AT	258A	165.	12.25	19.	6.	3.	.12
+	DIVERSION TO	258AR	165.	12.25	12.	3.	2.	.12
+	HYDROGRAPH AT	258AT	123.	12.42	8.	2.	1.	.12
+	DIVERSION TO	DI272	102.	12.42	7.	2.	1.	.12
+	HYDROGRAPH AT	1D258A	21.	12.42	1.	0.	0.	.12
+	DIVERSION TO	DI259	14.	12.42	0.	0.	0.	.12
+	HYDROGRAPH AT	2D258A	7.	12.42	0.	0.	0.	.12
+	ROUTED TO	R258A	3.	12.92	0.	0.	0.	.12
+	HYDROGRAPH AT	271C	242.	12.58	40.	12.	6.	.18
+	DIVERSION TO	271CR	242.	12.58	28.	7.	4.	.18
+	HYDROGRAPH AT	271CT	152.	12.83	15.	4.	2.	.18
+	2 COMBINED AT	CP271C	152.	12.83	14.	4.	2.	.79
+	ROUTED TO	SR271C	0.	.00	0.	0.	0.	.79
+	ROUTED TO	R271C	0.	.00	0.	0.	0.	.79
+	HYDROGRAPH AT	D258A	14.	12.42	0.	0.	0.	.12
+	ROUTED TO	R258A	4.	12.83	0.	0.	0.	.12

+	HYDROGRAPH AT	259	263.	12.17	21.	5.	3.	.20
+	2 COMBINED AT	CP259	262.	12.17	21.	5.	3.	.32
+	ROUTED TO	SR259	0.	.00	0.	0.	0.	.32
+	ROUTED TO	R259	0.	.00	0.	0.	0.	.32
+	HYDROGRAPH AT	D258A	102.	12.42	7.	2.	1.	.12
+	ROUTED TO	R258A	65.	12.67	7.	2.	1.	.12
+	2 COMBINED AT	1I272	62.	12.67	7.	2.	1.	.32
+	HYDROGRAPH AT	272	267.	12.25	22.	6.	3.	.20
+	2 COMBINED AT	2I272	264.	12.25	29.	8.	4.	.52
+	2 COMBINED AT	CP272	262.	12.25	29.	8.	4.	1.19
+	ROUTED TO	SR272	0.	.00	0.	0.	0.	1.19
+	HYDROGRAPH AT	290	516.	12.67	90.	26.	12.	.55
+	DIVERSION TO	290R	463.	12.50	44.	12.	6.	.55
+	HYDROGRAPH AT	290T	516.	12.67	52.	14.	7.	.55
+	ROUTED TO	SR290	257.	13.08	52.	14.	7.	.55
+	DIVERSION TO	DI291	125.	13.08	8.	2.	1.	.55
+	HYDROGRAPH AT	D290	132.	13.08	43.	12.	6.	.55
+	3 COMBINED AT	AFR132	4400.	14.08	3365.	1597.	835.	75.39
+	HYDROGRAPH AT	D290	125.	13.08	8.	2.	1.	.55
+	ROUTED TO	R290	28.	17.92	8.	2.	1.	.55
+	HYDROGRAPH AT	291	1555.	12.17	148.	43.	21.	.99
+	DIVERSION TO	291R	1555.	12.17	138.	36.	17.	.99
+	HYDROGRAPH AT	291T	96.	12.50	21.	7.	3.	.99
+	2 COMBINED AT	CP291	87.	12.75	26.	9.	4.	1.54
+	ROUTED TO	SR291	53.	12.92	26.	9.	4.	1.54
+	ROUTED TO	R291	42.	14.17	25.	9.	4.	1.54
+	HYDROGRAPH AT	287E	375.	12.17	47.	16.	8.	.20

+	DIVERSION TO	287ER	375.	12.17	42.	12.	6.	.20
+	HYDROGRAPH AT	287ET	41.	12.50	13.	4.	2.	.20
+	2 COMBINED AT	I287E	55.	14.17	33.	13.	6.	1.74
+	HYDROGRAPH AT	288A	63.	12.50	13.	4.	2.	.07
+	DIVERSION TO	288AR	63.	12.50	13.	4.	2.	.07
+	HYDROGRAPH AT	288AT	0.	.00	0.	0.	0.	.07
+	ROUTED TO	R288A	0.	.00	0.	0.	0.	.07
+	HYDROGRAPH AT	287A	270.	12.58	61.	18.	9.	.34
+	HYDROGRAPH AT	D287	478.	13.42	245.	82.	39.	44.64
+	ROUTED TO	RADOT	457.	13.67	243.	82.	39.	44.64
+	3 COMBINED AT	CP287A	511.	13.58	268.	95.	47.	46.77
+	ROUTED TO	SR287A	55.	14.17	55.	55.	39.	46.77
+	ROUTED TO	R287A	55.	15.08	55.	55.	39.	46.77
+	HYDROGRAPH AT	254	434.	12.17	34.	9.	4.	.28
+	DIVERSION TO	254RET	434.	12.17	34.	9.	4.	.28
+	HYDROGRAPH AT	254OUT	0.	.00	0.	0.	0.	.28
+	ROUTED TO	R254	0.	.00	0.	0.	0.	.28
+	HYDROGRAPH AT	254B	246.	12.08	15.	4.	2.	.13
+	2 COMBINED AT	CP254B	244.	12.08	15.	4.	2.	.43
+	ROUTED TO	R254B	206.	12.25	15.	4.	2.	.43
+	HYDROGRAPH AT	269	420.	12.17	44.	14.	7.	.23
+	DIVERSION TO	269R	420.	12.17	41.	11.	5.	.23
+	HYDROGRAPH AT	269T	23.	12.58	7.	2.	1.	.23
+	2 COMBINED AT	CP269	206.	12.25	22.	6.	3.	.69
+	ROUTED TO	R269	185.	12.33	21.	6.	3.	.69
+	HYDROGRAPH AT	269B	394.	12.17	40.	12.	6.	.27
+	DIVERSION TO	269BR	394.	12.17	28.	8.	4.	.27

+	HYDROGRAPH AT 269BT	246.	12.33	15.	4.	2.	.27
+	ROUTED TO R269B	127.	12.58	15.	4.	2.	.27
+	HYDROGRAPH AT 268	523.	12.08	47.	15.	7.	.24
+	DIVERSION TO 268R	523.	12.08	47.	14.	7.	.24
+	HYDROGRAPH AT 268T	2.	19.42	1.	0.	0.	.24
+	3 COMBINED AT CP268	254.	12.50	35.	10.	5.	1.24
+	DIVERSION TO D288B	0.	.00	0.	0.	0.	1.24
+	HYDROGRAPH AT DI2881	254.	12.50	35.	10.	5.	1.24
+	ROUTED TO R268	245.	12.58	35.	10.	5.	1.24
+	HYDROGRAPH AT 288B	945.	12.58	159.	47.	23.	.93
+	DIVERSION TO 288BR	945.	12.58	156.	43.	21.	.93
+	HYDROGRAPH AT 288BT	22.	13.58	11.	4.	2.	.93
+	2 COMBINED AT CP288B	245.	12.58	43.	15.	7.	2.34
+	DIVERSION TO D288B	0.	.00	0.	0.	0.	2.34
+	HYDROGRAPH AT DI2882	240.	12.58	41.	14.	7.	2.34
+	ROUTED TO R288B	228.	12.67	41.	14.	7.	2.34
+	HYDROGRAPH AT 287B	162.	12.17	24.	8.	4.	.10
+	3 COMBINED AT CP287B	280.	12.58	100.	71.	51.	2.84
+	ROUTED TO SR287B	73.	20.42	71.	61.	43.	2.84
+	ROUTED TO R287B	73.	21.25	71.	61.	42.	2.84
+	HYDROGRAPH AT 2711	226.	12.00	17.	5.	2.	.11
+	HYDROGRAPH AT 254A	336.	12.08	31.	9.	4.	.20
+	DIVERSION TO 254AR	336.	12.08	24.	6.	3.	.20
+	HYDROGRAPH AT 254AT	137.	12.33	10.	3.	1.	.20
+	ROUTED TO R254A	56.	12.58	9.	3.	1.	.20
+	2 COMBINED AT CP2711	226.	12.00	26.	8.	4.	.33
+	ROUTED TO R2711	227.	12.08	25.	8.	4.	.33

+	HYDROGRAPH AT	257	203.	13.42	65.	20.	10.	.34
+	DIVERSION TO	257R	203.	13.42	51.	14.	7.	.34
+	HYDROGRAPH AT	257T	101.	14.25	20.	6.	3.	.34
+	DIVERSION TO	DI271A	33.	14.25	2.	1.	0.	.34
+	HYDROGRAPH AT	D257	68.	14.25	18.	5.	3.	.34
+	ROUTED TO	R257	44.	15.67	17.	5.	3.	.34
+	HYDROGRAPH AT	256	282.	12.83	78.	24.	11.	.43
+	DIVERSION TO	256R	282.	12.83	60.	16.	8.	.43
+	HYDROGRAPH AT	256T	130.	13.58	26.	8.	4.	.43
+	2 COMBINED AT	CP256	129.	13.58	40.	13.	6.	.77
+	HYDROGRAPH AT	SUB6	183.	12.17	19.	5.	3.	.10
+	HYDROGRAPH AT	SUB7	413.	12.17	35.	9.	4.	.24
+	DIVERSION TO	DI255A	206.	12.17	18.	5.	2.	.24
+	HYDROGRAPH AT	D7	206.	12.17	18.	5.	2.	.24
+	3 COMBINED AT	I2712	384.	12.17	69.	22.	11.	1.11
+	ROUTED TO	R256	330.	12.33	69.	22.	11.	1.11
+	HYDROGRAPH AT	271A	241.	12.58	39.	12.	6.	.24
+	DIVERSION TO	271AR	241.	12.58	28.	7.	4.	.24
+	HYDROGRAPH AT	271AT	152.	12.83	15.	4.	2.	.24
+	HYDROGRAPH AT	D257	33.	14.25	2.	1.	0.	.34
+	ROUTED TO	R257	12.	14.83	2.	1.	0.	.34
+	2 COMBINED AT	CP271A	151.	12.83	16.	5.	2.	.48
+	2 COMBINED AT	1I271A	330.	12.33	84.	27.	13.	1.59
+	ROUTED TO	R271A	276.	12.58	82.	27.	13.	1.59
+	HYDROGRAPH AT	255A	916.	12.25	92.	25.	12.	.60
+	HYDROGRAPH AT	D7	206.	12.17	18.	5.	2.	.24
+	2 COMBINED AT	CP255A	1107.	12.17	109.	29.	14.	.84

+	ROUTED TO	R255	1087.	12.25	109.	29.	14.	.84
+	ROUTED TO	R2712	1067.	12.33	109.	29.	14.	.84
+	HYDROGRAPH AT	2712	737.	12.17	70.	21.	10.	.46
+	3 COMBINED AT	I2712	1693.	12.25	255.	76.	37.	1.11
+	ROUTED TO	SR271	1043.	12.50	254.	76.	37.	1.11
+	ROUTED TO	R271	1039.	12.58	254.	76.	37.	1.11
+	2 COMBINED AT	MERGE	1092.	12.58	278.	83.	40.	1.34
+	ROUTED TO	R271_1	1088.	12.58	278.	83.	40.	1.34
+	HYDROGRAPH AT	270	548.	12.08	54.	17.	8.	.29
+	2 COMBINED AT	!!2712	1216.	12.17	327.	99.	48.	1.77
+	ROUTED TO	R2712	1205.	12.33	327.	99.	48.	1.77
+	HYDROGRAPH AT	289C	429.	12.17	50.	14.	7.	.30
+	DIVERSION TO	289CR	429.	12.17	27.	7.	3.	.30
+	HYDROGRAPH AT	289CT	356.	12.33	26.	7.	3.	.30
+	2 COMBINED AT	CP289C	1548.	12.33	349.	105.	51.	3.11
+	ROUTED TO	R289C	1345.	12.67	348.	105.	51.	3.11
+	HYDROGRAPH AT	289A	326.	12.17	33.	10.	5.	.21
+	DIVERSION TO	289AR	277.	12.08	16.	4.	2.	.21
+	HYDROGRAPH AT	289AT	325.	12.17	20.	5.	3.	.21
+	ROUTED TO	R289A	134.	12.67	19.	5.	3.	.21
+	HYDROGRAPH AT	289B	567.	12.08	54.	16.	8.	.29
+	DIVERSION TO	289BR	567.	12.08	45.	12.	6.	.29
+	HYDROGRAPH AT	289BT	142.	12.42	13.	4.	2.	.29
+	3 COMBINED AT	CP289B	1504.	12.67	377.	113.	55.	3.63
+	ROUTED TO	SR289B	1202.	13.08	377.	113.	55.	3.63
+	ROUTED TO	R289B	1199.	13.08	376.	113.	55.	3.63
+	HYDROGRAPH AT	289D	403.	12.17	45.	14.	6.	.26

+	DIVERSION TO	289DR	403.	12.17	45.	13.	6.	.26
+	HYDROGRAPH AT	289DT	1.	18.17	1.	0.	0.	.26
+	2 COMBINED AT	CP289D	1199.	13.08	376.	113.	55.	3.88
+	ROUTED TO	SR289D	1044.	13.50	375.	113.	55.	3.88
+	ROUTED TO	R289D	1042.	13.58	374.	113.	55.	3.88
+	HYDROGRAPH AT	289	495.	12.17	48.	14.	7.	.27
+	DIVERSION TO	289R	495.	12.17	48.	14.	7.	.27
+	HYDROGRAPH AT	289T	0.	.00	0.	0.	0.	.27
+	2 COMBINED AT	CP289	1042.	13.58	374.	113.	55.	4.31
+	ROUTED TO	SR289	935.	14.00	373.	113.	55.	4.31
+	ROUTED TO	R289	933.	14.08	373.	113.	55.	4.31
+	HYDROGRAPH AT	287C	300.	12.25	55.	18.	9.	.23
+	2 COMBINED AT	1I287C	954.	14.00	414.	130.	63.	4.54
+	2 COMBINED AT	CP287C	977.	14.08	443.	179.	105.	7.36
+	ROUTED TO	SR287C	460.	15.00	351.	169.	97.	7.36
+	ROUTED TO	R287C	459.	15.75	350.	169.	96.	7.36
+	HYDROGRAPH AT	287D	238.	12.67	49.	16.	7.	.23
+	2 COMBINED AT	CP287D	467.	15.75	357.	179.	103.	7.59
+	ROUTED TO	SR287D	68.	33.00	68.	67.	48.	7.59
+	ROUTED TO	R287D	68.	33.25	68.	67.	47.	7.59
+	2 COMBINED AT	1RC302	65.	23.83	63.	62.	45.	85.71
+	DIVERSION TO	DI302	58.	23.83	58.	58.	42.	85.71
+	HYDROGRAPH AT	D287E	7.	23.83	5.	4.	2.	85.71
+	2 COMBINED AT	AFR14	5496.	13.92	4363.	2155.	1135.	1.74
+	HYDROGRAPH AT	D278E	58.	23.83	58.	58.	42.	85.71
+	ROUTED TO	R287E	58.	24.17	58.	58.	42.	85.71
+	HYDROGRAPH AT	302	280.	12.17	40.	14.	7.	.15

+	DIVERSION TO	302R	280.	12.17	29.	8.	4.	.15
+	HYDROGRAPH AT	302T	148.	12.42	18.	5.	3.	.15
+	2 COMBINED AT	CP302	151.	12.42	67.	61.	46.	1.89
+	ROUTED TO	SR302	62.	23.92	60.	59.	42.	1.89
+	DIVERSION TO	DI320	12.	23.92	11.	9.	5.	1.89
+	HYDROGRAPH AT	D302	49.	23.83	49.	49.	36.	1.89
+	2 COMBINED AT	RCP302	5665.	14.00	4366.	2219.	1184.	85.71
+	HYDROGRAPH AT	D302	12.	23.92	11.	9.	5.	1.89
+	ROUTED TO	R302	12.	25.00	10.	9.	5.	1.89
+	HYDROGRAPH AT	320	766.	12.42	108.	32.	15.	.64
+	2 COMBINED AT	CP320	757.	12.42	106.	34.	20.	2.53
+	ROUTED TO	SR320	56.	13.33	51.	32.	20.	2.53
+	DIVERSION TO	DI338A	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT	D320	56.	13.33	51.	32.	20.	2.53
+	2 COMBINED AT	AF152A	5802.	14.00	4479.	2289.	1224.	86.35
+	HYDROGRAPH AT	D320	0.	.00	0.	0.	0.	2.53
+	ROUTED TO	R320	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT	338A	866.	12.42	126.	39.	19.	.77
+	DIVERSION TO	338AR	192.	11.92	26.	8.	4.	.77
+	HYDROGRAPH AT	338AT	866.	12.42	113.	31.	15.	.77
+	2 COMBINED AT	CP338A	855.	12.42	112.	30.	15.	3.30
+	ROUTED TO	SR338A	740.	12.50	110.	30.	15.	3.30
+	ROUTED TO	R338A	706.	12.67	110.	30.	15.	3.30
+	HYDROGRAPH AT	338	268.	12.58	43.	12.	6.	.31
+	2 COMBINED AT	CP338	964.	12.67	150.	41.	20.	3.61
+	2 COMBINED AT	AF152B	5961.	13.92	4566.	2352.	1258.	89.96
+	HYDROGRAPH AT	D337	375.	14.92	357.	126.	61.	2.34

	ROUTED TO							
+		R337	375.	15.00	357.	126.	61.	2.34
	HYDROGRAPH AT							
+		367	249.	12.08	17.	4.	2.	.15
	2 COMBINED AT							
+		CP367	428.	16.17	365.	129.	63.	89.88
	2 COMBINED AT							
+		AFR153	6082.	14.00	4732.	2356.	1260.	89.88
	HYDROGRAPH AT							
+		370	60.	12.33	5.	1.	1.	.07
	2 COMBINED AT							
+		AFR154	6220.	14.00	4842.	2421.	1296.	89.88
	HYDROGRAPH AT							
+		369	171.	12.25	15.	4.	2.	.15
	2 COMBINED AT							
+		GR151	6388.	13.92	4969.	2498.	1337.	89.88
	HYDROGRAPH AT							
+		366	249.	13.00	52.	13.	6.	.44
	ROUTED TO							
+		R366	128.	16.08	47.	13.	6.	.44
	HYDROGRAPH AT							
+		368	367.	13.58	112.	28.	13.	.83
	2 COMBINED AT							
+		CP368	366.	13.58	142.	41.	20.	1.27
	ROUTED TO							
+		SR368	221.	14.25	124.	37.	18.	1.27
	2 COMBINED AT							
+		GR152	6539.	14.00	5050.	2509.	1341.	89.88
	HYDROGRAPH AT							
+		377A	184.	13.00	39.	10.	5.	.27
	2 COMBINED AT							
+		GR161	6722.	13.92	5177.	2576.	1377.	89.88
	HYDROGRAPH AT							
+		361	147.	13.17	37.	9.	4.	.21
	ROUTED TO							
+		SR361	0.	.00	0.	0.	0.	.21
	ROUTED TO							
+		R361	0.	.00	0.	0.	0.	.21
	HYDROGRAPH AT							
+		377	120.	12.42	15.	4.	2.	.09
	2 COMBINED AT							
+		CP377	119.	12.42	15.	4.	2.	.35
	ROUTED TO							
+		SR377	0.	.00	0.	0.	0.	.35
	ROUTED TO							
+		R377	0.	.00	0.	0.	0.	.35
	HYDROGRAPH AT							
+		377B	55.	13.58	17.	4.	2.	.12
	2 COMBINED AT							
+		CP337B	55.	13.58	16.	4.	2.	.42
	2 COMBINED AT							
+		GR162	7031.	14.08	5182.	2576.	1382.	156.76
	HYDROGRAPH AT							
+		387	221.	13.00	56.	14.	7.	.25

+	2 COMBINED AT GR163	7055.	14.08	5195.	2577.	1382.	157.01
+	HYDROGRAPH AT 386	241.	13.25	66.	17.	8.	.35
+	2 COMBINED AT GR164	7146.	14.00	5221.	2579.	1382.	157.76
+	HYDROGRAPH AT 383A	129.	13.00	31.	8.	4.	.16
+	2 COMBINED AT GR165	7167.	14.00	5230.	2580.	1382.	157.52
+	HYDROGRAPH AT 383	161.	12.92	35.	9.	4.	.18
+	DIVERSION TO DTC9	161.	12.92	35.	9.	4.	.18
+	HYDROGRAPH AT D383	0.	.00	0.	0.	0.	.18
+	2 COMBINED AT GR166	7181.	14.00	5239.	2585.	1385.	157.76
+	HYDROGRAPH AT 381B	69.	12.75	13.	3.	2.	.07
+	2 COMBINED AT GR167	7196.	14.00	5252.	2592.	1388.	157.77
+	HYDROGRAPH AT 381	184.	12.92	40.	10.	5.	.21
+	ROUTED TO SR381	82.	13.58	18.	5.	2.	.21
+	ROUTED TO R381	41.	16.75	17.	5.	2.	.21
+	HYDROGRAPH AT 380	199.	12.83	47.	12.	6.	.20
+	2 COMBINED AT CP380	198.	12.83	52.	16.	8.	.41
+	2 COMBINED AT RCP380	7217.	14.00	5280.	2600.	1393.	158.18
+	HYDROGRAPH AT D273	0.	.00	0.	0.	0.	2.83
+	ROUTED TO R273	0.	.00	0.	0.	0.	2.83
+	HYDROGRAPH AT 292	903.	12.50	116.	31.	15.	.96
+	2 COMBINED AT 1I292	891.	12.50	115.	30.	15.	3.79
+	HYDROGRAPH AT D274	0.	.00	0.	0.	0.	18.76
+	ROUTED TO R274	0.	.00	0.	0.	0.	18.76
+	2 COMBINED AT CP292	891.	12.50	115.	30.	15.	5.36
+	DIVERSION TO 1D306	445.	12.50	59.	16.	8.	5.36
+	HYDROGRAPH AT D292	442.	12.50	56.	14.	7.	5.36
+	ROUTED TO R292	400.	12.67	56.	14.	7.	5.36

	HYDROGRAPH AT						
+		D275	0.	.00	0.	0.	0.	19.01
	ROUTED TO						
+		R275	0.	.00	0.	0.	0.	19.01
	HYDROGRAPH AT						
+		D276	0.	.00	0.	0.	0.	19.26
	ROUTED TO						
+		R276	0.	.00	0.	0.	0.	19.26
	2 COMBINED AT						
+		1I293	0.	.00	0.	0.	0.	4.77
	HYDROGRAPH AT						
+		293	573.	12.67	93.	24.	11.	.77
	2 COMBINED AT						
+		2I293	561.	12.67	91.	23.	11.	5.54
	HYDROGRAPH AT						
+		D277	0.	.00	0.	0.	0.	20.76
	ROUTED TO						
+		R277	0.	.00	0.	0.	0.	20.76
	2 COMBINED AT						
+		3I293	561.	12.67	91.	23.	11.	25.02
	2 COMBINED AT						
+		CP293	889.	12.67	136.	34.	17.	25.98
	ROUTED TO						
+		R293	726.	13.42	135.	34.	17.	25.98
	HYDROGRAPH AT						
+		293A	380.	12.17	34.	9.	4.	.07
	2 COMBINED AT						
+		CP293A	727.	13.42	164.	42.	20.	26.05
	DIVERSION TO						
+		2D306	74.	13.42	16.	4.	2.	26.05
	HYDROGRAPH AT						
+		D293A	653.	13.42	147.	38.	18.	26.05
	ROUTED TO						
+		R293A	456.	14.92	136.	38.	18.	26.05
	HYDROGRAPH AT						
+		D279D	0.	.00	0.	0.	0.	21.06
	ROUTED TO						
+		R279D	0.	.00	0.	0.	0.	21.06
	HYDROGRAPH AT						
+		D279C	0.	.00	0.	0.	0.	21.28
	ROUTED TO						
+		R279C	0.	.00	0.	0.	0.	21.28
	2 COMBINED AT						
+		1I294	0.	.00	0.	0.	0.	24.32
	HYDROGRAPH AT						
+		294	237.	12.25	19.	5.	2.	.18
	2 COMBINED AT						
+		CP294	213.	12.25	17.	4.	2.	24.50
	ROUTED TO						
+		SR294	0.	.00	0.	0.	0.	24.50
	ROUTED TO						
+		R294	0.	.00	0.	0.	0.	24.50
	HYDROGRAPH AT						
+		309	584.	13.17	142.	38.	18.	1.07

+	2 COMBINED AT	1I309	538.	13.17	131.	35.	17.	25.57
+	2 COMBINED AT	CP309	536.	13.17	251.	72.	35.	27.37
+	ROUTED TO	R309	418.	14.42	239.	72.	35.	27.37
+	HYDROGRAPH AT	328	513.	12.92	103.	26.	12.	.76
+	2 COMBINED AT	CP328	475.	12.92	298.	95.	46.	28.13
+	ROUTED TO	R328	359.	15.58	287.	95.	46.	28.13
+	HYDROGRAPH AT	344	325.	13.33	83.	21.	10.	.61
+	2 COMBINED AT	CP344	479.	13.92	334.	114.	55.	28.74
+	HYDROGRAPH AT	D292	445.	12.50	59.	16.	8.	5.36
+	ROUTED TO	R292	371.	12.75	59.	16.	8.	5.36
+	HYDROGRAPH AT	D293A	74.	13.42	16.	4.	2.	26.05
+	ROUTED TO	R293A	67.	13.75	16.	4.	2.	26.05
+	2 COMBINED AT	1I306	371.	12.75	73.	20.	10.	26.05
+	HYDROGRAPH AT	306	331.	12.92	63.	16.	8.	.49
+	2 COMBINED AT	CP306	641.	12.83	128.	34.	16.	26.54
+	ROUTED TO	SR306	635.	12.92	124.	32.	15.	26.54
+	ROUTED TO	R306	592.	13.17	124.	32.	15.	26.54
+	HYDROGRAPH AT	308	260.	12.75	44.	11.	5.	.32
+	2 COMBINED AT	CP308	723.	13.17	164.	42.	20.	26.86
+	ROUTED TO	R308	666.	13.42	163.	42.	20.	26.86
+	HYDROGRAPH AT	327	358.	13.00	73.	18.	9.	.53
+	2 COMBINED AT	CP327	864.	13.42	229.	59.	28.	27.39
+	ROUTED TO	R327	796.	13.75	228.	59.	28.	27.39
+	HYDROGRAPH AT	343	297.	13.17	68.	17.	8.	.51
+	2 COMBINED AT	1IC343	950.	13.67	289.	74.	36.	27.90
+	2 COMBINED AT	CP343	1394.	13.75	607.	187.	90.	30.59
+	ROUTED TO	R343	1368.	13.92	603.	187.	90.	30.59

+	HYDROGRAPH AT	356	333.	12.58	49.	12.	6.	.35
+	2 COMBINED AT	CP356	1374.	13.92	626.	198.	96.	30.94
+	ROUTED TO	SR356	1351.	14.08	573.	197.	96.	30.94
+	ROUTED TO	R356	1280.	14.50	555.	196.	96.	30.94
+	HYDROGRAPH AT	355	90.	12.92	21.	5.	2.	.10
+	2 COMBINED AT	1I355	1286.	14.50	557.	199.	98.	31.04
+	HYDROGRAPH AT	307	208.	12.58	29.	7.	3.	.21
+	ROUTED TO	R307	167.	13.17	29.	7.	3.	.21
+	HYDROGRAPH AT	326	333.	13.00	69.	17.	8.	.54
+	2 COMBINED AT	CP326	478.	13.08	98.	24.	12.	.75
+	ROUTED TO	R326	418.	13.67	98.	24.	12.	.75
+	HYDROGRAPH AT	342A	224.	13.17	52.	13.	6.	.38
+	2 COMBINED AT	CP342A	554.	13.58	148.	37.	18.	1.13
+	ROUTED TO	R342A	530.	13.92	147.	37.	18.	1.13
+	HYDROGRAPH AT	354	297.	12.58	42.	11.	5.	.31
+	2 COMBINED AT	CP354	535.	13.92	186.	48.	23.	1.44
+	ROUTED TO	SR354	463.	14.25	186.	48.	23.	1.44
+	ROUTED TO	R354	431.	14.92	180.	48.	23.	1.44
+	2 COMBINED AT	2I355	1521.	14.58	714.	241.	118.	32.48
+	HYDROGRAPH AT	310	162.	12.58	24.	6.	3.	.19
+	ROUTED TO	R310	146.	12.92	24.	6.	3.	.19
+	HYDROGRAPH AT	329	455.	12.83	81.	21.	10.	.63
+	2 COMBINED AT	CP329	597.	12.83	105.	27.	13.	.82
+	ROUTED TO	R329	449.	13.33	104.	27.	13.	.82
+	HYDROGRAPH AT	345	273.	13.00	57.	14.	7.	.43
+	2 COMBINED AT	CP345	667.	13.17	161.	41.	20.	1.25
+	ROUTED TO	R345	641.	13.50	161.	41.	20.	1.25

+	HYDROGRAPH AT	357	118.	12.67	18.	5.	2.	.14
+	2 COMBINED AT	CP357	658.	13.42	178.	45.	22.	1.39
+	HYDROGRAPH AT	346	404.	12.75	68.	17.	8.	.51
+	ROUTED TO	R346	370.	13.08	68.	17.	8.	.51
+	HYDROGRAPH AT	359	101.	12.58	14.	3.	2.	.10
+	2 COMBINED AT	1I359	405.	13.00	82.	21.	10.	.61
+	2 COMBINED AT	2I359	924.	13.33	258.	65.	31.	2.00
+	HYDROGRAPH AT	D346A	0.	.00	0.	0.	0.	46.03
+	ROUTED TO	R346A	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT	346C	130.	12.50	20.	6.	3.	.12
+	DIVERSION TO	346CR	130.	12.50	14.	4.	2.	.12
+	HYDROGRAPH AT	346CT	79.	12.75	8.	2.	1.	.12
+	2 COMBINED AT	CP346C	56.	12.83	5.	2.	1.	38.31
+	ROUTED TO	SR346C	0.	.00	0.	0.	0.	38.31
+	HYDROGRAPH AT	346B	143.	13.25	37.	10.	5.	.27
+	DIVERSION TO	346BR	81.	12.75	9.	2.	1.	.27
+	HYDROGRAPH AT	346BT	143.	13.25	29.	7.	4.	.27
+	2 COMBINED AT	CP346B	127.	13.25	25.	6.	3.	38.58
+	ROUTED TO	SR346B	118.	13.33	23.	6.	3.	38.58
+	DIVERSION TO	DI360	20.	13.33	2.	1.	0.	38.58
+	HYDROGRAPH AT	D346B	99.	13.33	20.	5.	3.	38.58
+	ROUTED TO	R346B	79.	14.00	20.	5.	3.	38.58
+	2 COMBINED AT	CP359	924.	13.42	277.	70.	34.	40.58
+	ROUTED TO	SR359	175.	15.00	150.	64.	31.	40.58
+	ROUTED TO	R359	174.	15.83	150.	64.	31.	40.58
+	HYDROGRAPH AT	360	176.	13.00	39.	10.	5.	.25
+	2 COMBINED AT	1I360	174.	15.50	157.	72.	35.	40.83

+	HYDROGRAPH AT	D346B	20.	13.33	2.	1.	0.	38.58
+	ROUTED TO	R346B	6.	16.75	2.	1.	0.	38.58
+	2 COMBINED AT	CP360	177.	16.00	160.	73.	35.	40.83
+	ROUTED TO	SR360	176.	16.42	153.	63.	30.	40.83
+	ROUTED TO	R360	172.	19.17	144.	63.	30.	40.83
+	HYDROGRAPH AT	358	122.	13.17	30.	8.	4.	.19
+	2 COMBINED AT	CP358	172.	19.17	144.	69.	33.	41.02
+	ROUTED TO	SR358	124.	22.75	111.	43.	21.	41.02
+	ROUTED TO	R358	124.	23.08	110.	43.	21.	41.02
+	2 COMBINED AT	CP355	1521.	14.58	714.	284.	139.	48.68
+	ROUTED TO	SR355	1019.	15.42	557.	235.	113.	48.68
+	ROUTED TO	R355	977.	16.25	543.	234.	113.	48.68
+	HYDROGRAPH AT	373	398.	12.75	74.	18.	9.	.43
+	2 COMBINED AT	1I373	976.	16.25	542.	243.	121.	49.11
+	HYDROGRAPH AT	355A	47.	12.50	6.	2.	1.	.04
+	ROUTED TO	SR355A	0.	.00	0.	0.	0.	.04
+	ROUTED TO	R355A	0.	.00	0.	0.	0.	.04
+	2 COMBINED AT	CP373	976.	16.25	542.	243.	121.	49.15
+	ROUTED TO	R373	859.	17.50	517.	241.	121.	49.15
+	HYDROGRAPH AT	374	493.	13.50	161.	40.	19.	.76
+	2 COMBINED AT	1I374	859.	17.50	517.	270.	138.	49.91
+	HYDROGRAPH AT	375	274.	13.42	83.	21.	10.	.41
+	ROUTED TO	R375	198.	16.08	72.	21.	10.	.41
+	2 COMBINED AT	2I374	952.	17.42	555.	288.	147.	50.32
+	HYDROGRAPH AT	376	357.	13.00	85.	21.	10.	.42
+	ROUTED TO	R376	234.	15.42	76.	21.	10.	.42
+	2 COMBINED AT	CP374	1014.	17.42	584.	307.	156.	50.74

+	ROUTED TO R374	789.	20.83	578.	292.	150.	50.74
+	HYDROGRAPH AT 305	521.	13.00	106.	27.	13.	.92
+	ROUTED TO SR305	475.	13.08	97.	24.	12.	.92
+	ROUTED TO R305	453.	13.33	97.	24.	12.	.92
+	HYDROGRAPH AT 325	229.	13.25	56.	14.	7.	.49
+	2 COMBINED AT CP325	673.	13.33	152.	38.	18.	1.41
+	ROUTED TO R325	597.	13.83	152.	38.	18.	1.41
+	HYDROGRAPH AT 342	267.	12.83	47.	12.	6.	.39
+	2 COMBINED AT CP342	628.	13.83	197.	50.	24.	1.80
+	ROUTED TO R342	609.	14.00	196.	50.	24.	1.80
+	HYDROGRAPH AT 325A	294.	13.08	63.	16.	8.	.61
+	ROUTED TO R325A	241.	14.17	63.	16.	8.	.61
+	HYDROGRAPH AT 341	366.	13.08	81.	21.	10.	.79
+	2 COMBINED AT CP341	365.	13.08	141.	37.	18.	1.40
+	ROUTED TO R341	308.	14.83	135.	37.	18.	1.40
+	HYDROGRAPH AT 353	167.	12.75	29.	7.	4.	.22
+	2 COMBINED AT 1I353	308.	14.83	156.	44.	21.	1.62
+	2 COMBINED AT CP353	890.	14.00	349.	93.	45.	3.42
+	ROUTED TO SR353	892.	14.08	349.	93.	45.	3.42
+	ROUTED TO R353	837.	14.50	343.	93.	45.	3.42
+	HYDROGRAPH AT 352	144.	12.75	25.	6.	3.	.18
+	2 COMBINED AT CP352	839.	14.50	357.	99.	48.	3.60
+	ROUTED TO SR352	776.	14.75	333.	92.	44.	3.60
+	ROUTED TO R352	593.	17.92	275.	91.	44.	3.60
+	HYDROGRAPH AT 372	884.	13.75	311.	78.	38.	1.62
+	3 COMBINED AT 1I372	973.	20.75	763.	403.	220.	55.96
+	HYDROGRAPH AT 385	314.	13.17	94.	24.	12.	.39

	ROUTED TO							
+		R385	274.	14.25	90.	24.	12.	.39
	HYDROGRAPH AT							
+		384	264.	12.83	59.	15.	7.	.29
	2 COMBINED AT							
+		CP384	305.	14.25	141.	39.	19.	.65
	ROUTED TO							
+		R384	250.	16.50	123.	39.	19.	.65
	2 COMBINED AT							
+		2I372	1013.	20.75	817.	437.	236.	56.61
	HYDROGRAPH AT							
+		18	1179.	12.17	95.	26.	13.	.81
	ROUTED TO							
+		R18	996.	12.33	95.	26.	13.	.81
	HYDROGRAPH AT							
+		19	819.	12.42	96.	26.	13.	.79
	2 COMBINED AT							
+		CP19	1799.	12.33	190.	52.	25.	1.60
	ROUTED TO							
+		R19	1710.	12.42	190.	52.	25.	1.60
	HYDROGRAPH AT							
+		21	913.	12.42	108.	29.	14.	.79
	2 COMBINED AT							
+		I1CP21	2606.	12.42	296.	80.	39.	2.39
	HYDROGRAPH AT							
+		20	1218.	12.33	138.	37.	18.	1.07
	ROUTED TO							
+		SR20	0.	.00	0.	0.	0.	1.07
	ROUTED TO							
+		R20	0.	.00	0.	0.	0.	1.07
	2 COMBINED AT							
+		CP21	2606.	12.42	296.	80.	39.	3.46
	ROUTED TO							
+		SR21	973.	12.75	118.	32.	15.	3.46
	ROUTED TO							
+		R21	901.	12.92	118.	32.	15.	3.46
	HYDROGRAPH AT							
+		23	310.	12.08	24.	7.	3.	.16
	2 COMBINED AT							
+		CP23	909.	12.92	138.	38.	19.	3.62
	ROUTED TO							
+		SR23	0.	.00	0.	0.	0.	3.62
	ROUTED TO							
+		R23	0.	.00	0.	0.	0.	3.62
	HYDROGRAPH AT							
+		22	730.	12.25	72.	19.	9.	.57
	ROUTED TO							
+		R22	686.	12.42	72.	19.	9.	.57
	HYDROGRAPH AT							
+		22A	733.	12.25	69.	18.	9.	.50
	2 COMBINED AT							
+		I1C22A	1304.	12.33	141.	37.	18.	1.07
	2 COMBINED AT							
+		CP22A	1285.	12.33	138.	37.	18.	4.69

+	ROUTED TO R22A	1194.	12.50	138.	37.	18.	4.69
+	HYDROGRAPH AT 25	560.	12.33	58.	15.	7.	.46
+	2 COMBINED AT I1CP25	1670.	12.42	195.	51.	25.	5.15
+	HYDROGRAPH AT 24	193.	12.25	17.	4.	2.	.14
+	ROUTED TO SR24	0.	.00	0.	0.	0.	.14
+	ROUTED TO R24	0.	.00	0.	0.	0.	.14
+	2 COMBINED AT CP25	1670.	12.42	195.	51.	25.	5.29
+	ROUTED TO SR25	1609.	12.50	174.	44.	21.	5.29
+	HYDROGRAPH AT 26	1333.	12.50	179.	46.	22.	1.16
+	ROUTED TO R26	1284.	12.58	179.	46.	22.	1.16
+	HYDROGRAPH AT 27	1112.	12.33	170.	50.	24.	1.00
+	DIVERSION TO 27RET	704.	12.08	49.	14.	7.	1.00
+	HYDROGRAPH AT 27OUT	1112.	12.33	133.	36.	17.	1.00
+	2 COMBINED AT I1CP27	2124.	12.50	309.	81.	39.	2.16
+	ROUTED TO SR27	2187.	12.33	290.	75.	36.	2.16
+	2 COMBINED AT CP27	3761.	12.50	459.	118.	57.	7.45
+	ROUTED TO R27	3383.	12.67	457.	118.	57.	7.45
+	HYDROGRAPH AT 34	457.	12.25	42.	11.	6.	.36
+	HYDROGRAPH AT 33	811.	12.25	75.	21.	10.	.65
+	2 COMBINED AT CP33	1259.	12.25	116.	32.	15.	1.01
+	ROUTED TO R33	1203.	12.33	116.	32.	15.	1.01
+	HYDROGRAPH AT 35	510.	12.17	45.	12.	6.	.39
+	2 COMBINED AT I1CP35	1655.	12.25	160.	44.	21.	1.40
+	HYDROGRAPH AT 32	1154.	12.33	156.	43.	21.	1.29
+	2 COMBINED AT CP35	2717.	12.25	313.	86.	42.	2.69
+	ROUTED TO R35	2658.	12.33	313.	86.	42.	2.69
+	HYDROGRAPH AT 36	301.	12.25	26.	7.	3.	.24

+	2 COMBINED AT I1CP36	2923.	12.33	338.	93.	45.	2.93
+	HYDROGRAPH AT 37	909.	12.42	115.	31.	15.	.95
+	2 COMBINED AT CP36	3736.	12.33	451.	123.	59.	3.88
+	ROUTED TO R36	3668.	12.42	450.	123.	59.	3.88
+	HYDROGRAPH AT 38	926.	12.25	90.	24.	12.	.76
+	DIVERSION TO 38RET	602.	12.08	27.	7.	3.	.76
+	HYDROGRAPH AT 38OUT	926.	12.25	66.	17.	8.	.76
+	2 COMBINED AT CP38	4319.	12.42	513.	140.	67.	4.64
+	ROUTED TO SR38	4268.	12.42	460.	120.	58.	4.64
+	ROUTED TO R38	4142.	12.58	459.	120.	58.	4.64
+	HYDROGRAPH AT 39	722.	12.50	117.	35.	17.	.77
+	DIVERSION TO 39RET	722.	12.50	89.	24.	12.	.77
+	HYDROGRAPH AT 39OUT	338.	12.92	38.	11.	5.	.77
+	2 COMBINED AT I1CP39	4142.	12.58	494.	131.	63.	5.41
+	2 COMBINED AT CP39	7034.	12.67	922.	241.	116.	12.86
+	ROUTED TO R39	6980.	12.67	919.	241.	116.	12.86
+	HYDROGRAPH AT 40	594.	12.25	66.	19.	9.	.52
+	DIVERSION TO 40RET	76.	11.83	8.	2.	1.	.52
+	HYDROGRAPH AT 40OUT	594.	12.25	62.	16.	8.	.52
+	ROUTED TO R40	503.	12.50	61.	16.	8.	.52
+	HYDROGRAPH AT 42	1229.	12.50	209.	64.	31.	1.18
+	DIVERSION TO 42RET	875.	12.25	84.	24.	12.	1.18
+	HYDROGRAPH AT 42OUT	1229.	12.50	147.	40.	19.	1.18
+	2 COMBINED AT I1CP42	1721.	12.50	206.	56.	27.	1.70
+	2 COMBINED AT CP42	8246.	12.67	1102.	291.	140.	14.56
+	ROUTED TO SR42	7506.	12.83	958.	256.	123.	14.56
+	ROUTED TO R42	7742.	12.83	957.	256.	123.	14.56

+	HYDROGRAPH AT	41A1	47.	12.00	3.	1.	0.	.02
+	ROUTED TO	SR41A1	23.	12.17	3.	1.	0.	.02
+	DIVERSION TO	1D303	23.	12.17	3.	1.	0.	.02
+	HYDROGRAPH AT	CP41A1	0.	.00	0.	0.	0.	.02
+	ROUTED TO	R41A1	0.	.00	0.	0.	0.	.02
+	HYDROGRAPH AT	41A2	64.	12.00	3.	1.	0.	.03
+	2 COMBINED AT	CP41A2	63.	12.00	3.	1.	0.	.05
+	ROUTED TO	SR41A2	74.	12.00	3.	1.	0.	.05
+	DIVERSION TO	2D303	24.	12.00	2.	1.	0.	.05
+	HYDROGRAPH AT	D41A2	49.	12.00	1.	0.	0.	.05
+	ROUTED TO	R41A2	30.	12.08	1.	0.	0.	.05
+	HYDROGRAPH AT	41A3	61.	12.00	3.	1.	0.	.03
+	2 COMBINED AT	CP41A3	83.	12.08	4.	1.	0.	.08
+	ROUTED TO	SR41A3	23.	12.25	4.	1.	0.	.08
+	DIVERSION TO	3D303	23.	12.25	4.	1.	0.	.08
+	HYDROGRAPH AT	D41A3	0.	.00	0.	0.	0.	.08
+	ROUTED TO	R41A3	0.	.00	0.	0.	0.	.08
+	HYDROGRAPH AT	41A	92.	12.00	5.	1.	1.	.05
+	2 COMBINED AT	CP41A	91.	12.00	5.	1.	1.	.13
+	ROUTED TO	SR41A	24.	12.25	5.	1.	1.	.13
+	DIVERSION TO	4D303	24.	12.25	5.	1.	1.	.13
+	HYDROGRAPH AT	D41A	0.	.00	0.	0.	0.	.13
+	ROUTED TO	R41A	0.	.00	0.	0.	0.	.13
+	HYDROGRAPH AT	41-1	223.	12.17	15.	4.	2.	.15
+	2 COMBINED AT	CP41-1	222.	12.17	15.	4.	2.	.28
+	ROUTED TO	SR41-1	222.	12.25	15.	4.	2.	.28
+	DIVERSION TO	5D303	45.	12.25	12.	3.	1.	.28

+	HYDROGRAPH AT	D41-1	177.	12.25	4.	1.	0.	.28
+	ROUTED TO	R41-1	64.	12.33	4.	1.	0.	.28
+	HYDROGRAPH AT	41-2	150.	12.17	10.	3.	1.	.10
+	2 COMBINED AT	CP41-2	149.	12.17	14.	3.	2.	.38
+	ROUTED TO	SR41-2	38.	12.50	14.	3.	2.	.38
+	DIVERSION TO	6D303	38.	12.50	14.	3.	2.	.38
+	HYDROGRAPH AT	D41-2	0.	.00	0.	0.	0.	.38
+	ROUTED TO	R41-2	0.	.00	0.	0.	0.	.38
+	HYDROGRAPH AT	41	596.	12.42	82.	24.	12.	.58
+	DIVERSION TO	41RET	596.	12.42	50.	14.	6.	.58
+	HYDROGRAPH AT	41OUT	461.	12.58	38.	10.	5.	.58
+	2 COMBINED AT	CP41	460.	12.58	38.	10.	5.	.68
+	ROUTED TO	SR41	163.	12.92	37.	10.	5.	.68
+	DIVERSION TO	7D303	44.	12.92	30.	9.	4.	.68
+	HYDROGRAPH AT	D41	119.	12.92	8.	2.	1.	.68
+	ROUTED TO	R41	105.	13.00	8.	2.	1.	.68
+	HYDROGRAPH AT	43-1	73.	12.08	4.	1.	1.	.04
+	2 COMBINED AT	CP43-1	102.	13.00	11.	3.	1.	1.00
+	ROUTED TO	SR43-1	73.	13.17	11.	3.	1.	1.00
+	DIVERSION TO	1D303A	73.	13.17	11.	3.	1.	1.00
+	HYDROGRAPH AT	D43-1	0.	.00	0.	0.	0.	1.00
+	ROUTED TO	R43-1	0.	.00	0.	0.	0.	1.00
+	HYDROGRAPH AT	43-2	19.	12.00	1.	0.	0.	.01
+	2 COMBINED AT	CP43-2	18.	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	D43-2	0.	.00	0.	0.	0.	1.01

+	ROUTED TO R43-2	0.	.00	0.	0.	0.	1.01
+	HYDROGRAPH AT 43-3	106.	12.00	5.	1.	1.	.05
+	2 COMBINED AT CP43-3	103.	12.00	5.	1.	1.	1.06
+	ROUTED TO SR43-3	22.	12.17	5.	1.	1.	1.06
+	DIVERSION TO 3D303A	22.	12.17	5.	1.	1.	1.06
+	HYDROGRAPH AT D43-3	0.	.00	0.	0.	0.	1.06
+	ROUTED TO R43-3	0.	.00	0.	0.	0.	1.06
+	HYDROGRAPH AT 43-4	64.	12.00	3.	1.	0.	.03
+	2 COMBINED AT CP43-4	61.	12.00	3.	1.	0.	1.09
+	ROUTED TO SR43-4	21.	12.17	3.	1.	0.	1.09
+	DIVERSION TO 1DWT#4	21.	12.17	3.	1.	0.	1.09
+	HYDROGRAPH AT D43-4	0.	.00	0.	0.	0.	1.09
+	ROUTED TO R43-4	0.	.00	0.	0.	0.	1.09
+	HYDROGRAPH AT 43-5	44.	12.00	2.	1.	0.	.02
+	2 COMBINED AT CP43-5	42.	12.00	2.	1.	0.	1.11
+	ROUTED TO SR43-5	19.	12.17	2.	1.	0.	1.11
+	DIVERSION TO 2DWT#4	19.	12.17	2.	1.	0.	1.11
+	HYDROGRAPH AT D43-5	0.	.00	0.	0.	0.	1.11
+	ROUTED TO R43-5	0.	.00	0.	0.	0.	1.11
+	HYDROGRAPH AT 43-6	44.	12.00	2.	1.	0.	.02
+	2 COMBINED AT CP43-6	43.	12.00	2.	1.	0.	1.13
+	ROUTED TO SR43-6	5.	12.25	2.	1.	0.	1.13
+	DIVERSION TO 3DWT#4	5.	12.25	2.	1.	0.	1.13
+	HYDROGRAPH AT D43-6	0.	.00	0.	0.	0.	1.13
+	ROUTED TO R43-6	0.	.00	0.	0.	0.	1.13
+	HYDROGRAPH AT 43-7	46.	12.00	2.	1.	0.	.02
+	2 COMBINED AT CP43-7	44.	12.00	2.	1.	0.	1.15

	ROUTED TO						
+		SR43-7	20.	12.08	2.	1.	0.	1.15
	DIVERSION TO						
+		4DWT#4	20.	12.08	2.	1.	0.	1.15
	HYDROGRAPH AT						
+		D43-7	0.	.00	0.	0.	0.	1.15
	ROUTED TO						
+		R43-7	0.	.00	0.	0.	0.	1.15
	HYDROGRAPH AT						
+		43-8	23.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		CP43-8	22.	12.00	1.	0.	0.	1.16
	ROUTED TO						
+		SR43-8	12.	12.08	1.	0.	0.	1.16
	DIVERSION TO						
+		5DWT#4	12.	12.08	1.	0.	0.	1.16
	HYDROGRAPH AT						
+		D43-8	0.	.00	0.	0.	0.	1.16
	ROUTED TO						
+		R43-8	0.	.00	0.	0.	0.	1.16
	HYDROGRAPH AT						
+		43	23.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		I1CP43	22.	12.00	1.	0.	0.	1.17
	2 COMBINED AT						
+		CP43	7786.	12.83	962.	258.	124.	13.90
	ROUTED TO						
+		SR43	6851.	12.92	962.	258.	124.	13.90
	DIVERSION TO						
+		DI45-1	2360.	12.92	129.	32.	15.	13.90
	HYDROGRAPH AT						
+		D43	4492.	12.92	833.	225.	108.	13.90
	ROUTED TO						
+		RD43	4422.	13.00	829.	225.	108.	13.90
	HYDROGRAPH AT						
+		D43-4	21.	12.17	3.	1.	0.	1.09
	ROUTED TO						
+		RD43-4	13.	12.67	3.	1.	0.	1.09
	HYDROGRAPH AT						
+		D43-5	19.	12.17	2.	1.	0.	1.11
	ROUTED TO						
+		RD43-5	13.	12.58	2.	1.	0.	1.11
	2 COMBINED AT						
+		I1CWT4	27.	12.67	5.	1.	1.	.05
	HYDROGRAPH AT						
+		D43-6	5.	12.25	2.	1.	0.	1.13
	ROUTED TO						
+		RD43-6	4.	13.25	2.	1.	0.	1.13
	2 COMBINED AT						
+		I2CWT4	29.	12.67	7.	2.	1.	.07
	HYDROGRAPH AT						
+		D43-7	20.	12.08	2.	1.	0.	1.15
	ROUTED TO						
+		RD43-7	12.	12.58	2.	1.	0.	1.15

+	2 COMBINED AT	I3CWT4	41.	12.58	10.	2.	1.	.09
+	HYDROGRAPH AT	D43-8	12.	12.08	1.	0.	0.	1.16
+	ROUTED TO	RD43-8	5.	12.58	1.	0.	0.	1.16
+	2 COMBINED AT	I4CWT4	46.	12.58	11.	3.	1.	.10
+	HYDROGRAPH AT	44	287.	12.25	24.	6.	3.	.22
+	2 COMBINED AT	I5CWT4	308.	12.25	35.	9.	4.	.32
+	2 COMBINED AT	CP44	4450.	13.00	850.	233.	112.	14.12
+	HYDROGRAPH AT	45-1	137.	12.08	9.	2.	1.	.08
+	HYDROGRAPH AT	D43	2360.	12.92	129.	32.	15.	13.90
+	2 COMBINED AT	CP45-1	2355.	12.92	137.	34.	16.	13.98
+	ROUTED TO	SR45-1	2205.	13.00	137.	34.	16.	13.98
+	DIVERSION TO	7DWT#4	396.	13.00	40.	10.	5.	13.98
+	HYDROGRAPH AT	D45-1	1809.	13.00	97.	24.	12.	13.98
+	ROUTED TO	R45-1	1652.	13.00	97.	24.	12.	13.98
+	HYDROGRAPH AT	45	845.	12.00	45.	12.	6.	.38
+	2 COMBINED AT	CP45	2024.	13.00	159.	40.	19.	4.44
+	ROUTED TO	SR45	1738.	13.08	159.	40.	19.	4.44
+	DIVERSION TO	8DWT#4	366.	13.08	104.	26.	13.	4.44
+	HYDROGRAPH AT	D45	1372.	13.08	54.	14.	7.	4.44
+	ROUTED TO	R45	980.	13.17	54.	14.	7.	4.44
+	HYDROGRAPH AT	46-1	152.	12.25	16.	4.	2.	.15
+	2 COMBINED AT	CP46-1	989.	13.17	69.	17.	8.	14.51
+	ROUTED TO	SR46-1	390.	13.42	53.	13.	6.	14.51
+	DIVERSION TO	9DWT#4	164.	13.33	45.	11.	5.	14.51
+	HYDROGRAPH AT	D46-1	227.	13.42	8.	2.	1.	14.51
+	ROUTED TO	R46-1	130.	13.50	8.	2.	1.	14.51
+	HYDROGRAPH AT	46	529.	12.58	91.	23.	11.	.85

+	2 COMBINED AT	I1CP46	497.	12.58	93.	24.	11.	15.36
+	HYDROGRAPH AT	28	771.	12.50	104.	29.	14.	.86
+	HYDROGRAPH AT	!JR1	959.	12.42	105.	27.	13.	.93
+	DIVERSION TO	JRBSN	855.	12.42	85.	22.	10.	.93
+	HYDROGRAPH AT	DBJR1	103.	12.42	20.	5.	2.	.93
+	HYDROGRAPH AT	DBJR1	855.	12.42	85.	22.	10.	.93
+	ROUTED TO	SRJR1	63.	13.00	34.	11.	5.	.93
+	2 COMBINED AT	2JR1	150.	12.83	52.	16.	8.	.93
+	ROUTED TO	RJR1	138.	13.00	51.	16.	8.	.93
+	2 COMBINED AT	!JR2	850.	12.50	151.	44.	21.	1.79
+	ROUTED TO	RJR2	804.	12.58	151.	44.	21.	1.79
+	HYDROGRAPH AT	30	338.	12.25	46.	14.	7.	.28
+	2 COMBINED AT	I1CP30	971.	12.50	194.	57.	28.	2.07
+	HYDROGRAPH AT	29	280.	12.25	28.	8.	4.	.22
+	DIVERSION TO	29RET	141.	12.00	8.	2.	1.	.22
+	HYDROGRAPH AT	29OUT	280.	12.25	22.	6.	3.	.22
+	ROUTED TO	SR29	0.	.00	0.	0.	0.	.22
+	ROUTED TO	R29	0.	.00	0.	0.	0.	.22
+	2 COMBINED AT	!JR3	971.	12.50	194.	57.	28.	2.29
+	ROUTED TO	RJR3	905.	12.75	193.	57.	28.	2.29
+	HYDROGRAPH AT	31	596.	12.50	77.	20.	10.	.71
+	2 COMBINED AT	!JR4	1382.	12.58	267.	77.	37.	3.00
+	ROUTED TO	RJR4	1292.	12.75	267.	77.	37.	3.00
+	2 COMBINED AT	!JR5	1750.	12.67	364.	101.	49.	7.69
+	ROUTED TO	SR46	1722.	12.75	364.	101.	49.	7.69
+	ROUTED TO	R46	1646.	12.92	362.	101.	49.	7.69
+	HYDROGRAPH AT	D45-1	396.	13.00	40.	10.	5.	13.98

+	ROUTED TO RD45-1	314.	13.17	40.	10.	5.	13.98
+	HYDROGRAPH AT D45	366.	13.08	104.	26.	13.	4.44
+	ROUTED TO RD45	337.	13.42	104.	26.	13.	4.44
+	2 COMBINED AT I7CWT4	595.	13.25	140.	35.	17.	14.36
+	HYDROGRAPH AT D46-1	164.	13.33	45.	11.	5.	14.51
+	ROUTED TO RD46-1	157.	13.75	45.	11.	5.	14.51
+	2 COMBINED AT I8CWT4	678.	13.33	184.	46.	22.	14.51
+	HYDROGRAPH AT WT4	919.	12.25	80.	20.	10.	.77
+	2 COMBINED AT I9CWT4	1093.	12.33	256.	65.	31.	15.28
+	2 COMBINED AT !!0WT4	1936.	13.08	584.	157.	76.	18.20
+	2 COMBINED AT !!WT4	6255.	13.00	1414.	385.	186.	18.57
+	ROUTED TO RS47	0.	.00	0.	0.	0.	18.57
+	HYDROGRAPH AT D43-1	73.	13.17	11.	3.	1.	1.00
+	ROUTED TO R43-1	56.	14.25	11.	3.	1.	1.00
+	HYDROGRAPH AT D43-2	10.	12.17	1.	0.	0.	1.01
+	ROUTED TO R43-2	4.	13.92	1.	0.	0.	1.01
+	HYDROGRAPH AT D43-3	22.	12.17	5.	1.	1.	1.06
+	ROUTED TO R43-3	14.	13.75	5.	1.	1.	1.06
+	HYDROGRAPH AT 303A	486.	12.25	44.	11.	5.	.42
+	4 COMBINED AT 1C303A	481.	12.25	61.	15.	7.	1.06
+	2 COMBINED AT CP303A	479.	12.25	60.	15.	7.	1.48
+	ROUTED TO RTCUS	367.	12.50	60.	15.	7.	1.48
+	HYDROGRAPH AT 304	1163.	12.33	132.	36.	17.	1.10
+	2 COMBINED AT !TC1	1472.	12.42	188.	50.	24.	2.93
+	ROUTED TO RTC1	1464.	12.42	188.	50.	24.	2.93
+	HYDROGRAPH AT 323	162.	12.33	16.	4.	2.	.15
+	2 COMBINED AT !TC2	1610.	12.42	204.	54.	26.	3.08

+	DIVERSION TO	DI321	0.	.00	0.	0.	0.	3.08
+	HYDROGRAPH AT	D323	1610.	12.42	204.	54.	26.	3.08
+	ROUTED TO	RTC2	1443.	12.58	203.	54.	26.	3.08
+	HYDROGRAPH AT	324	206.	12.92	38.	10.	5.	.36
+	2 COMBINED AT	!TC3	1517.	12.58	230.	61.	29.	13.70
+	ROUTED TO	RTC3	1365.	12.75	229.	61.	29.	13.70
+	HYDROGRAPH AT	340	283.	13.00	57.	14.	7.	.48
+	2 COMBINED AT	!TC4	1571.	12.75	282.	74.	36.	14.18
+	ROUTED TO	RTC4	1469.	12.92	281.	74.	36.	14.18
+	HYDROGRAPH AT	351	540.	12.83	99.	25.	12.	.76
+	2 COMBINED AT	!TC5	1961.	12.92	373.	97.	47.	14.94
+	DIVERSION TO	DITC5	1663.	12.92	323.	84.	40.	14.94
+	HYDROGRAPH AT	DTC5	298.	12.92	50.	13.	6.	14.94
+	HYDROGRAPH AT	DRTC5	1663.	12.92	323.	84.	40.	14.94
+	ROUTED TO	SRTC5	588.	13.67	167.	44.	21.	14.94
+	2 COMBINED AT	2TC5	658.	13.67	214.	57.	27.	14.94
+	ROUTED TO	RTC5	657.	13.67	214.	57.	27.	14.94
+	HYDROGRAPH AT	352A	76.	13.08	17.	4.	2.	.13
+	2 COMBINED AT	!TC6	690.	13.67	229.	61.	29.	15.07
+	DIVERSION TO	DI350	0.	.00	0.	0.	0.	15.07
+	HYDROGRAPH AT	D352A	690.	13.67	229.	61.	29.	15.07
+	ROUTED TO	RTC6	671.	14.00	227.	61.	29.	15.07
+	2 COMBINED AT	!TC7	1383.	13.83	888.	518.	275.	29.83
+	DIVERSION TO	DI371	0.	.00	0.	0.	0.	29.83
+	HYDROGRAPH AT	1D372	1383.	13.83	888.	518.	275.	29.83
+	DIVERSION TO	DI379	0.	.00	0.	0.	0.	29.83
+	HYDROGRAPH AT	2D372	1383.	13.83	888.	518.	275.	29.83

+	ROUTED TO RTC7	1345.	14.00	886.	517.	275.	29.83
+	HYDROGRAPH AT 382	552.	13.17	150.	38.	18.	.71
+	2 COMBINED AT !TC8	1566.	13.92	884.	547.	291.	30.54
+	ROUTED TO RTC8	1540.	14.17	882.	547.	290.	30.54
+	HYDROGRAPH AT D383	161.	12.92	35.	9.	4.	.18
+	2 COMBINED AT !TC9	1559.	14.08	881.	553.	294.	30.72
+	ROUTED TO RTC9	1544.	14.25	879.	553.	294.	30.72
+	HYDROGRAPH AT 2D372	0.	.00	0.	0.	0.	29.83
+	ROUTED TO R372	0.	.00	0.	0.	0.	29.83
+	2 COMBINED AT 1I379	1548.	14.25	885.	553.	294.	61.78
+	HYDROGRAPH AT 381A	123.	12.58	23.	6.	3.	.10
+	ROUTED TO SR381A	0.	.00	0.	0.	0.	.10
+	ROUTED TO R381A	0.	.00	0.	0.	0.	.10
+	2 COMBINED AT 2I379	1555.	14.25	888.	555.	294.	61.88
+	HYDROGRAPH AT 379	201.	13.58	61.	15.	7.	.46
+	2 COMBINED AT 3I379	1672.	14.25	892.	569.	302.	62.24
+	HYDROGRAPH AT D41A1	23.	12.17	3.	1.	0.	.02
+	ROUTED TO R41A1	13.	13.58	3.	1.	0.	.02
+	HYDROGRAPH AT D41A2	24.	12.00	2.	1.	0.	.05
+	ROUTED TO R41A2	13.	13.50	2.	1.	0.	.05
+	2 COMBINED AT 1I303	26.	13.50	5.	1.	1.	.05
+	HYDROGRAPH AT D41A3	23.	12.25	4.	1.	0.	.08
+	ROUTED TO R41A3	13.	14.58	4.	1.	0.	.08
+	2 COMBINED AT 2I303	27.	13.58	9.	2.	1.	.08
+	HYDROGRAPH AT D41A	24.	12.25	5.	1.	1.	.13
+	ROUTED TO R41A	14.	14.67	5.	1.	1.	.13
+	2 COMBINED AT 3I303	31.	14.42	14.	4.	2.	.13

+	HYDROGRAPH AT	D41-1	45.	12.25	12.	3.	1.	.28
+	ROUTED TO	R41-1	34.	14.17	11.	3.	1.	.28
+	2 COMBINED AT	4I303	64.	14.17	25.	6.	3.	.28
+	HYDROGRAPH AT	D41-2	38.	12.50	14.	3.	2.	.38
+	ROUTED TO	R41-2	33.	14.58	13.	3.	2.	.38
+	2 COMBINED AT	5I303	93.	14.42	37.	10.	5.	.38
+	HYDROGRAPH AT	D41	44.	12.92	30.	9.	4.	.68
+	ROUTED TO	R41	43.	15.33	28.	9.	4.	.68
+	2 COMBINED AT	6I303	112.	15.00	61.	18.	9.	.96
+	HYDROGRAPH AT	303	626.	12.67	96.	24.	12.	.91
+	2 COMBINED AT	CP303	621.	12.67	148.	42.	20.	2.17
+	ROUTED TO	R303	615.	12.75	148.	42.	20.	2.17
+	HYDROGRAPH AT	321	918.	12.17	72.	18.	9.	.66
+	2 COMBINED AT	1I321	1126.	12.25	217.	59.	29.	2.83
+	HYDROGRAPH AT	D323	0.	.00	0.	0.	0.	3.08
+	ROUTED TO	R323	0.	.00	0.	0.	0.	3.08
+	2 COMBINED AT	CP321	1126.	12.25	217.	59.	29.	4.60
+	ROUTED TO	SR321	640.	12.75	133.	37.	18.	4.60
+	ROUTED TO	R321	531.	13.08	130.	37.	18.	4.60
+	HYDROGRAPH AT	322	199.	12.92	38.	10.	5.	.34
+	2 COMBINED AT	CP322	692.	13.08	161.	46.	22.	4.94
+	ROUTED TO	R322	517.	13.58	158.	46.	22.	4.94
+	HYDROGRAPH AT	339	511.	13.17	120.	30.	14.	1.00
+	2 COMBINED AT	CP339	868.	13.50	267.	76.	36.	5.94
+	ROUTED TO	R339	799.	14.08	262.	76.	36.	5.94
+	HYDROGRAPH AT	349	580.	13.00	120.	30.	14.	.93
+	2 COMBINED AT	CP349	894.	13.92	365.	105.	50.	6.87

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          ROUTED TO
+                    SR349     890.   14.00      365.      105.      50.      6.87
          ROUTED TO
+                     R349     862.   14.50      362.      105.      50.      6.87
          HYDROGRAPH AT
+                      350     101.   13.33       26.        7.       3.       .19
          2 COMBINED AT
+                    1I350     887.   14.42      384.      111.      54.      7.06
          HYDROGRAPH AT
+                    D352A       0.     .00        0.        0.       0.     15.07
          ROUTED TO
+                    R352A       0.     .00        0.        0.       0.     15.07
          2 COMBINED AT
+                    CP350     887.   14.42      384.      111.      54.      8.79
          ROUTED TO
+                    SR350     871.   14.58      348.       99.      48.      8.79
          ROUTED TO
+                     R350     847.   15.08      338.       99.      48.      8.79
          HYDROGRAPH AT
+                      371     533.   13.67      180.       45.      22.       .93
          2 COMBINED AT
+                    1I371    1026.   14.83      478.      143.      69.      9.72
          HYDROGRAPH AT
+                    1D372       0.     .00        0.        0.       0.     29.83
          ROUTED TO
+                     R372       0.     .00        0.        0.       0.     29.83
          2 COMBINED AT
+                    CP371    1030.   14.92      486.      146.      71.     65.40
          ROUTED TO
+                     R371     765.   16.17      377.      119.      58.     65.40
          2 COMBINED AT
+                    CP379    1672.   14.25     1178.      699.     365.     65.96
          ROUTED TO
+                    SR379    1483.   14.42     1057.      643.     336.     65.96
1
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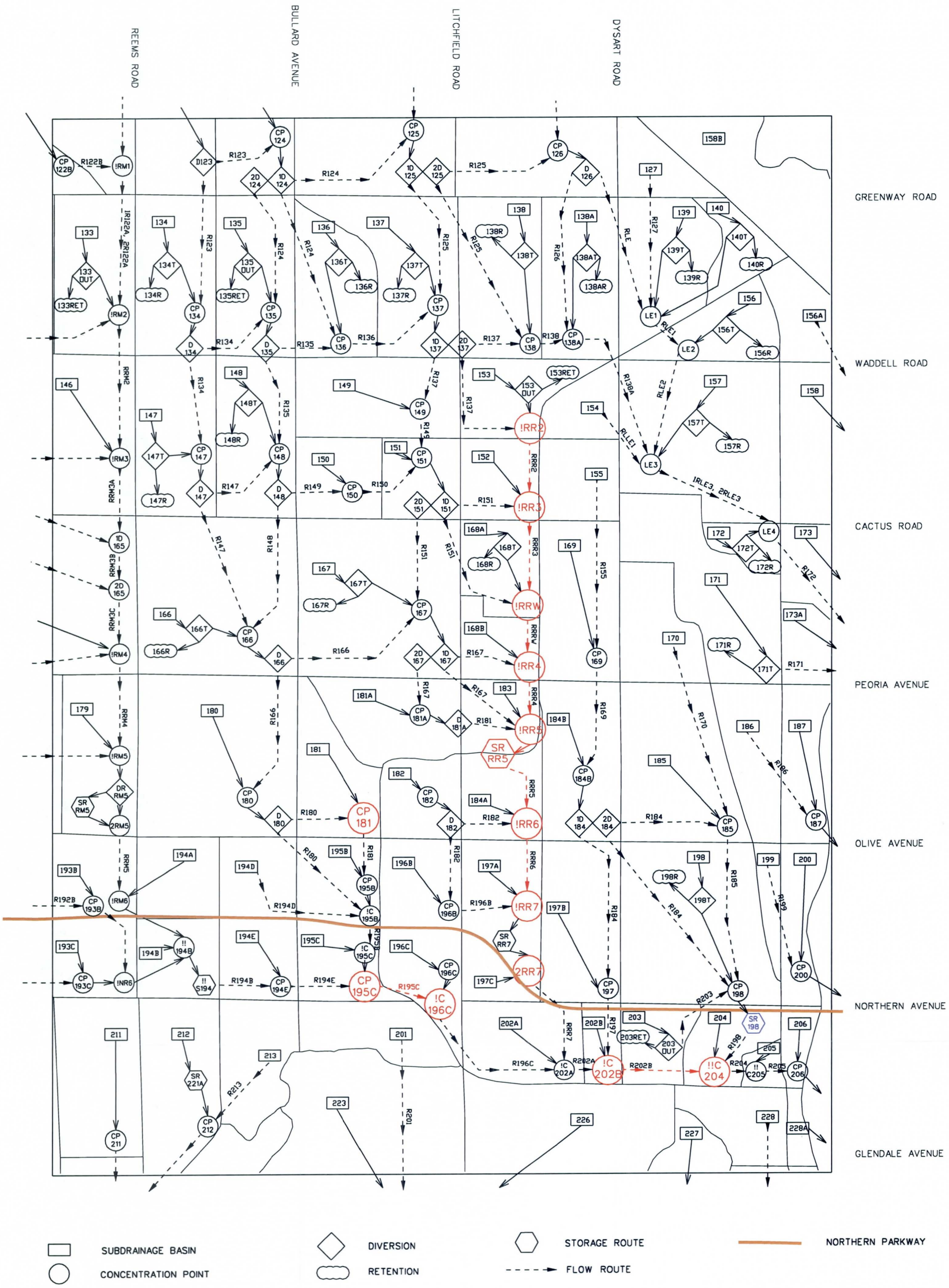
APPENDIX F – RECOMMENDED ALTERNATIVE HEC-1

HEC-1 Schematic Diagram

HEC-1 Output



HYDROLOGY MAP FOR RECOMMENDED ALTERNATIVE WITH ADDITIONAL 5-ACRE BASIN

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1*****************************************                    *****************************************
 *                                       *                    *                                       *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *                    *   U.S. ARMY CORPS OF ENGINEERS        *
 *              JUN   1998               *                    *   HYDROLOGIC ENGINEERING CENTER       *
 *            VERSION 4.1                *                    *          609 SECOND STREET            *
 *                                       *                    *       DAVIS, CALIFORNIA 95616         *
 *  RUN DATE   06FEB09  TIME  14:20:20   *                    *          (916) 756-1104               *
 *                                       *                    *                                       *
 *****************************************                    *****************************************
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RECOMMENDED ALTERNATIVE HEC-1
Note: Please refer to the Word doc and pdf output files on the included CD for the complete input and output.

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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW. THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE. THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY, DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

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1                                                    HEC-1 INPUT
PAGE  1

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

             1          ID   PREPARED BY HOSKIN RYAN CONSULTANTS ON 12/11/2008 FOR PROPOSED ATSF
             2          ID   CHANNEL AND BASIN (RECOMMENDED ALTERNATIVE), BASED ON CAMELBACLK CAR
             3          ID   PREPARED BY ASPEN CONSULTING ENGINEERS
             4          ID   MODIFICATIONS:
             5          ID   (1) SURPRISE POINTE DEVELOPMENT WAS UPDATED
             6          ID   (2) SURPRISE WWTP WAS UPDATED
             7          ID   (3) NORTHERN PARKWAY WAS UPDATED
             8          ID   (4) ATSF RECOMMENDED ALTERNATIVE WAS UPDATED
             9          ID
            10          ID  ************************************************************************
            11          ID      ASPEN CONSULTING ENGINEERS, JCS, xx-xx-08, FILE: 303EWP.DAT, 100-YR 24-HR
            12          ID      NOTES:
            13          ID      UPDATE LG CARD AND DEVELOPMENT RETENTION DIVERSIONS FOR EACH SUBBASIN.
            14          ID      CHANGE MODEL TO REFLECT THE NEW SUNCOR CHANNEL SOUTH OF CAMELBACK RD.
            15          ID      BETWEEN STATE ROUTE 303 AND BULLARD WASH.  KK RECORD CHANGED ARE R237,
            16          ID      AND R238.
                        * ***********************************************************************
                        * *  THE FOLLOWING IS THE MODEL RECIEVED BY ASPEN FROM FCDMC ON 06/08/07
                        * ***********************************************************************
            17          ID         DRAFT PREFERRED ALTERNATIVE LEVEL III
            18          ID
            19          ID         INCORPORATE ALTERNATIVE #3 FROM CHANGE ORDER #14 INTO
            20          ID         SR 303L OFFSITE FLOOD CONTROL FACILITY - NORTHERN AND CACTUS
            21          ID         BASINS ARE NOW OFFLINE WITH MULTIPLE BASINS LOCATED WITHIN
            22          ID         LUKE AIR FORCE BASE CRASH ZONE AREA
            23          ID
            24          ID         **ADOT BASIN GEOMETRY REPRESENTS MOST RECENT 2' CONTOURS**
            25          ID         WHITE TANKS AREA DRAINAGE MASTER STUDY *UPDATE*
            26          ID         Original MODEL BY THE WLB Group for FCDMC AS PART OF THE WHITE
            27          ID         TANKS/AGUA FRIA ADMS, Date: October 1991
            28          ID
            29          ID         REVISED HYDROLOGY HEC-1 RUN FOR WHITE TANKS ADMS
            30          ID         100-YEAR, 24-HOUR STORM                  original file: WTADMS.24
            31          ID
            32          ID                                       REVISED BY URS     DATE: 01-14-04
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 33          ID                                                          FILE: L33PE4H.DAT
 34          ID
 35          ID        NOTES:
 36          ID        1. THIS HEC-1 MODEL CONTAINS THE FOLLOWING SUPER BASINS: WHITE TANKS 3,
 37          ID           2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2 & 3, 4 THRU 26.
 38          ID        2. REVISED TO REFLECT UPDATED SOILS MAPS AND NEW DEVELOPMENT.
 39          ID        3. AVERAGE XKSAT VALUES FOR EACH SUBBASIN WAS RECEIVED FROM FCDMC
 40          ID           GIS DATA AND THEN ADJUSTED FOR VEGETATION, OR LEFT AS ORIGINALLY IN
 41          ID           THE WLB MODEL.
 42          ID        4. FOR NEW DEVELOPMENTS ONLY 80% OF REPORTED PROVIDED RETENTION
 43          ID           WAS INCLUDED IN THIS MODEL (AS A CONSERVATIVE ESTIMATE). RETENTION
 44          ID           CAPACITIES WERE ESTIMATED BY EEC FOR DEVELOPMENTS WITH NO
 45          ID           DRAINAGE REPORTS.
 46          ID        5. REVISED DRAINAGE BOUNDARIES BASED UPON FIELD INSPECTION OF SUN CITY.
 47          ID           GRAND.  COMBINED SEVERAL BASINS TOGETHER TO MAKE NEW BASINS 114 &115.
 48          ID           ALSO REROUTED SUBBASINS 100A, 101, 102A AND 106 TO THE SOUTH TO 113A.
 49          ID        6. CHANNEL ROUTE ALONG REEMS ROAD UPDATED TO REFLECT NEW CONSTRUCTION.
 50          ID        7. REVISED SCS TYPE II RAINFALL DISTRIBUTION FOR THE 24-HOUR GENERAL
 51          ID           STORM.
 52          ID        8. REVISED RAINFALL DEPTH-AREA REDUCTION FACTORS.
1                                          HEC-1 INPUT
PAGE  2

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

 53          ID        9. PSIF WERE ADJUSTED BASED ON THE VALUES OF XKSAT AND WERE EDITED INTO
 54          ID           THE DATA FILE BY THE FCDMC.
 55          ID       10. AVERAGE XKSAT VALUES FOR SUBBASINS WITH BORROW PITS (WHITE TANKS
 56          ID           AREAS #3 & #4) WERE ESTIMATED BY EEC.
 57          ID
             *DIAGRAM
 58          IT       5                    600
 59          IO       5
 60          IN      15
 61          JD    4.03    .001
 62          PC    .000    .002    .005    .008    .011    .014    .017    .020    .023    .026
 63          PC    .029    .032    .035    .038    .041    .044    .048    .052    .056    .060
 64          PC    .064    .068    .072    .076    .080    .085    .090    .095    .100    .105
 65          PC    .110    .115    .120    .126    .133    .140    .147    .155    .163    .172
 66          PC    .181    .191    .203    .218    .236    .257    .283    .387    .663    .707
 67          PC    .735    .758    .776    .791    .804    .815    .825    .834    .842    .849
 68          PC    .856    .863    .869    .875    .881    .887    .893    .898    .903    .908
 69          PC    .913    .918    .922    .926    .930    .934    .938    .942    .946    .950
 70          PC    .953    .956    .959    .962    .965    .968    .971    .974    .977    .980
 71          PC    .983    .986    .989    .992    .995    .998    1.00   1.000   1.000   1.000
 72          JD    3.79      10
 73          JD    3.51      50
 74          JD    3.39     100
 75          JD    3.29     200
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RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

MAXIMUM MAX STAGE	TIME OF OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	STAGE
+	HYDROGRAPH AT	1	1573.	12.50	222.	61.	30.	1.94	
+	ROUTED TO	RCP1	1386.	12.83	222.	61.	30.	1.94	
+	HYDROGRAPH AT	2	1339.	12.75	237.	66.	32.	1.82	
+	2 COMBINED AT	CP2	2657.	12.75	456.	126.	61.	3.76	
+	ROUTED TO	RCP2	2458.	12.92	455.	126.	61.	3.76	
+-	HYDROGRAPH AT	!BC1	313.	12.33	31.	8.	4.	.29	

	ROUTED TO							
+		RBC1	234.	12.58	31.	8.	4.	.29
	HYDROGRAPH AT							
+		3	863.	12.33	89.	22.	11.	.81
	2 COMBINED AT							
+		I1CP3	1009.	12.42	119.	30.	14.	1.10
	2 COMBINED AT							
+		!BC2	2665.	12.92	571.	155.	75.	4.86
	DIVERSION TO							
+		DI189	0.	.00	0.	0.	0.	4.86
	HYDROGRAPH AT							
+		D3	2665.	12.92	571.	155.	75.	4.86
	ROUTED TO							
+		RBC2	2468.	13.17	569.	155.	75.	4.86
	HYDROGRAPH AT							
+		4	396.	12.25	36.	10.	5.	.30
	HYDROGRAPH AT							
+		5	927.	12.25	86.	23.	11.	.72
	2 COMBINED AT							
+		CP5	1315.	12.25	121.	33.	16.	1.02
	ROUTED TO							
+		RCP5	1312.	12.25	121.	33.	16.	1.02
	HYDROGRAPH AT							
+		6	746.	12.08	52.	14.	7.	.45
	2 COMBINED AT							
+		CP6	1854.	12.17	172.	47.	23.	1.47
	ROUTED TO							
+		RCP6	1784.	12.17	172.	47.	23.	1.47
	HYDROGRAPH AT							
+		7	494.	12.08	36.	10.	5.	.31
	2 COMBINED AT							
+		CP7	2245.	12.17	206.	57.	27.	1.78
	ROUTED TO							
+		RCP7	1947.	12.33	206.	57.	27.	1.78
	HYDROGRAPH AT							
+		9	1402.	12.33	161.	44.	21.	1.40
	2 COMBINED AT							
+		I1CP9	3324.	12.33	364.	100.	48.	3.18
	HYDROGRAPH AT							
+		8	890.	12.33	93.	26.	12.	.81
	2 COMBINED AT							
+		CP9	4190.	12.33	455.	125.	60.	3.99
	ROUTED TO							
+		RCP9	3543.	12.75	454.	125.	60.	3.99
	HYDROGRAPH AT							
+		10	1357.	12.75	237.	62.	30.	2.02
	DIVERSION TO							
+		10RET	325.	12.08	18.	5.	2.	2.02
	HYDROGRAPH AT							
+		10OUT	1357.	12.75	224.	57.	27.	2.02
	2 COMBINED AT							
+		I1CP10	4868.	12.75	672.	180.	87.	6.01
	2 COMBINED AT							
+		!BC3	6322.	12.83	1225.	331.	159.	10.87

	DIVERSION TO						
+		1DI188	0.	.00	0.	0.	0.	10.87
	HYDROGRAPH AT						
+		1D10	6322.	12.83	1225.	331.	159.	10.87
	DIVERSION TO						
+		2DI188	0.	.00	0.	0.	0.	10.87
	HYDROGRAPH AT						
+		2D10	6322.	12.83	1225.	331.	159.	10.87
	ROUTED TO						
+		RBC3	6121.	12.92	1222.	331.	159.	10.87
	HYDROGRAPH AT						
+		12	1214.	12.50	167.	43.	21.	1.38
	2 COMBINED AT						
+		!BC4	6592.	12.92	1368.	369.	178.	12.25
	ROUTED TO						
+		RBC4	6424.	13.00	1366.	369.	178.	12.25
	HYDROGRAPH AT						
+		WT3	383.	12.50	50.	13.	6.	.44
	2 COMBINED AT						
+		!BC5	6521.	13.00	1409.	380.	183.	12.69
	HYDROGRAPH AT						
+		11	1559.	12.42	202.	54.	26.	1.56
	ROUTED TO						
+		RCP11	1268.	12.75	201.	54.	26.	1.56
	HYDROGRAPH AT						
+		13	1223.	12.42	145.	36.	17.	1.30
	2 COMBINED AT						
+		CP13	2062.	12.58	344.	89.	43.	2.86
	ROUTED TO						
+		RCP13	2035.	12.67	344.	89.	43.	2.86
	HYDROGRAPH AT						
+		14	1548.	12.33	173.	47.	23.	1.47
	ROUTED TO						
+		RCP14	1392.	12.58	173.	47.	23.	1.47
	HYDROGRAPH AT						
+		15	1272.	12.42	149.	40.	19.	1.26
	2 COMBINED AT						
+		I1CP15	2485.	12.50	319.	86.	42.	2.73
	HYDROGRAPH AT						
+		16	1206.	12.42	149.	41.	20.	1.13
	ROUTED TO						
+		SR16	0.	.00	0.	0.	0.	1.13
	2 COMBINED AT						
+		CP15	2485.	12.50	319.	86.	42.	3.90
	ROUTED TO						
+		RCP15	2108.	12.75	318.	86.	41.	3.90
	HYDROGRAPH AT						
+		17	1036.	12.33	108.	27.	13.	1.07
	2 COMBINED AT						
+		I1CP17	2480.	12.67	423.	112.	54.	4.97
	2 COMBINED AT						
+		CP17	4474.	12.67	761.	200.	96.	7.83
	ROUTED TO						
+		RCP17	4407.	12.75	761.	200.	96.	7.83

+	2 COMBINED AT	!!WT3	9838.	12.92	2073.	554.	267.	20.52
+	ROUTED TO	SRWT3	0.	.00	0.	0.	0.	20.52
+	HYDROGRAPH AT	116	872.	12.33	111.	33.	16.	.66
+	DIVERSION TO	116RET	872.	12.33	93.	25.	12.	.66
+	HYDROGRAPH AT	116OUT	233.	12.67	27.	8.	4.	.66
+	ROUTED TO	R116	110.	13.17	26.	8.	4.	.66
+	HYDROGRAPH AT	117	920.	12.58	158.	47.	23.	.92
+	DIVERSION TO	117RET	920.	12.58	130.	35.	17.	.92
+	HYDROGRAPH AT	117OUT	364.	13.08	41.	12.	6.	.92
+	2 COMBINED AT	CP117	454.	13.08	65.	20.	10.	1.65
+	ROUTED TO	R117	248.	13.67	62.	20.	10.	1.65
+	HYDROGRAPH AT	123	322.	13.00	79.	23.	11.	.44
+	DIVERSION TO	123R	306.	12.92	43.	12.	6.	.44
+	HYDROGRAPH AT	123T	287.	13.17	43.	12.	6.	.44
+	DIVERSION TO	DI134	0.	.00	0.	0.	0.	.44
+	HYDROGRAPH AT	D123	287.	13.17	43.	12.	6.	.44
+	ROUTED TO	R123	209.	13.67	42.	12.	6.	.44
+	HYDROGRAPH AT	124	302.	13.33	85.	23.	11.	.57
+	DIVERSION TO	124R	262.	13.17	37.	10.	5.	.57
+	HYDROGRAPH AT	124OUT	297.	13.42	52.	14.	7.	.57
+	2 COMBINED AT	CP124	446.	13.58	92.	25.	12.	1.65
+	DIVERSION TO	DI136	222.	13.58	49.	13.	6.	1.65
+	HYDROGRAPH AT	1D124	224.	13.58	43.	11.	5.	1.65
+	DIVERSION TO	DI135	81.	13.58	10.	3.	1.	1.65
+	HYDROGRAPH AT	2D124	143.	13.58	32.	9.	4.	1.65
+	ROUTED TO	R124	123.	14.17	32.	9.	4.	1.65
+	HYDROGRAPH AT	125	1017.	12.50	146.	41.	20.	1.00

+	DIVERSION TO	125R	123.	11.83	14.	5.	2.	1.00
+	HYDROGRAPH AT	125T	1017.	12.50	139.	36.	17.	1.00
+	2 COMBINED AT	1I125	1010.	12.50	169.	45.	21.	2.01
+	2 COMBINED AT	CP125	1004.	12.50	223.	64.	31.	3.66
+	DIVERSION TO	DI137	334.	12.50	74.	21.	10.	3.66
+	HYDROGRAPH AT	1D125	670.	12.50	148.	42.	20.	3.66
+	DIVERSION TO	DI138	334.	12.50	74.	21.	10.	3.66
+	HYDROGRAPH AT	2D125	335.	12.50	74.	21.	10.	3.66
+	ROUTED TO	R125	273.	12.83	73.	21.	10.	3.66
+	HYDROGRAPH AT	118	326.	12.08	42.	14.	7.	.16
+	DIVERSION TO	118RET	321.	12.08	25.	7.	4.	.16
+	HYDROGRAPH AT	118OUT	253.	12.17	23.	7.	3.	.16
+	ROUTED TO	R118	72.	13.83	21.	7.	3.	.16
+	HYDROGRAPH AT	126	1100.	12.50	185.	58.	28.	.95
+	DIVERSION TO	126R	1100.	12.50	141.	39.	19.	.95
+	HYDROGRAPH AT	126T	576.	12.83	65.	19.	9.	.95
+	2 COMBINED AT	1I126	575.	12.83	84.	26.	12.	1.11
+	2 COMBINED AT	CP126	840.	12.83	151.	46.	22.	4.75
+	DIVERSION TO	DI139	840.	12.83	151.	46.	22.	4.75
+	HYDROGRAPH AT	D126	0.	.00	0.	0.	0.	4.75
+	ROUTED TO	R126	0.	.00	0.	0.	0.	4.75
+	HYDROGRAPH AT	100A	165.	12.50	24.	7.	3.	.18
+	DIVERSION TO	100AR	90.	12.17	5.	1.	1.	.18
+	HYDROGRAPH AT	100AT	165.	12.50	20.	5.	2.	.18
+	ROUTED TO	R100A	130.	13.17	20.	5.	2.	.18
+	HYDROGRAPH AT	102A	565.	12.50	96.	29.	14.	.51
+	DIVERSION TO	102AR	565.	12.50	78.	21.	10.	.51

	HYDROGRAPH AT							
+		102AT	213.	13.00	28.	8.	4.	.51
	2 COMBINED AT							
+		1I102A	318.	13.00	47.	13.	6.	.69
	HYDROGRAPH AT							
+		101	241.	12.25	30.	9.	4.	.16
	DIVERSION TO							
+		101R	241.	12.25	30.	9.	4.	.16
	HYDROGRAPH AT							
+		101T	0.	.00	0.	0.	0.	.16
	ROUTED TO							
+		R101	0.	.00	0.	0.	0.	.16
	2 COMBINED AT							
+		CP102A	318.	13.00	47.	13.	6.	.75
	DIVERSION TO							
+		102ART	318.	13.00	47.	13.	6.	.75
	HYDROGRAPH AT							
+		102AOT	0.	26.50	0.	0.	0.	.75
	ROUTED TO							
+		R102A	0.	28.00	0.	0.	0.	.75
	HYDROGRAPH AT							
+		106	808.	12.50	136.	41.	20.	.77
	DIVERSION TO							
+		106R	808.	12.50	103.	28.	13.	.77
	HYDROGRAPH AT							
+		106T	410.	12.92	46.	13.	6.	.77
	2 COMBINED AT							
+		CP106	407.	12.92	45.	13.	6.	1.70
	DIVERSION TO							
+		DLP0	407.	12.92	45.	13.	6.	1.70
	HYDROGRAPH AT							
+		DI113A	0.	.00	0.	0.	0.	1.70
	ROUTED TO							
+		R106	0.	.00	0.	0.	0.	1.70
	HYDROGRAPH AT							
+		105	334.	12.25	38.	11.	5.	.21
	ROUTED TO							
+		R105	296.	12.42	38.	11.	5.	.21
	HYDROGRAPH AT							
+		112	846.	12.25	99.	29.	14.	.63
	DIVERSION TO							
+		112RET	846.	12.25	83.	22.	11.	.63
	HYDROGRAPH AT							
+		112OUT	241.	12.67	23.	7.	3.	.63
	2 COMBINED AT							
+		CP112	412.	12.67	58.	18.	9.	.82
	DIVERSION TO							
+		DI120	137.	12.67	19.	6.	3.	.82
	HYDROGRAPH AT							
+		1D112	275.	12.67	39.	12.	6.	.82
	DIVERSION TO							
+		1D121A	137.	12.67	19.	6.	3.	.82
	HYDROGRAPH AT							
+		2D112	138.	12.67	19.	6.	3.	.82

+	ROUTED TO R112	91.	13.17	19.	6.	3.	.82
+	HYDROGRAPH AT 113A	772.	12.25	92.	27.	13.	.50
+	DIVERSION TO 113AR	772.	12.25	77.	21.	10.	.50
+	HYDROGRAPH AT 113AT	197.	12.58	22.	7.	3.	.50
+	HYDROGRAPH AT DR113A	407.	12.92	45.	13.	6.	1.70
+	3 COMBINED AT !LP0	519.	12.92	83.	25.	12.	3.04
+	DIVERSION TO 2D121A	519.	12.92	83.	25.	12.	3.04
+	HYDROGRAPH AT D113A	0.	.00	0.	0.	0.	3.04
+	ROUTED TO R113A	0.	.00	0.	0.	0.	3.04
+	HYDROGRAPH AT 114	2117.	12.75	423.	125.	60.	2.47
+	DIVERSION TO 114RET	2117.	12.75	365.	97.	47.	2.47
+	HYDROGRAPH AT 114OUT	600.	13.42	92.	28.	13.	2.47
+	3 COMBINED AT CP114	586.	13.42	88.	27.	13.	5.26
+	DIVERSION TO DI122B	369.	13.42	27.	7.	3.	5.26
+	HYDROGRAPH AT D114	217.	13.42	61.	20.	10.	5.26
+	ROUTED TO R114	160.	14.00	60.	20.	10.	5.26
+	HYDROGRAPH AT 115	2122.	12.67	408.	121.	58.	2.40
+	DIVERSION TO 115RET	2122.	12.67	369.	99.	47.	2.40
+	HYDROGRAPH AT 115OUT	376.	13.58	71.	23.	11.	2.40
+	2 COMBINED AT CP115	381.	13.58	126.	42.	20.	7.59
+	ROUTED TO R115	289.	14.33	122.	42.	20.	7.59
+	HYDROGRAPH AT 122A	790.	12.25	109.	35.	17.	.51
+	DIVERSION TO 122ART	790.	12.25	80.	22.	11.	.51
+	HYDROGRAPH AT 122AOT	454.	12.50	42.	13.	6.	.51
+	2 COMBINED AT 1I122A	444.	12.50	150.	53.	26.	8.33
+	HYDROGRAPH AT D114	369.	13.42	27.	7.	3.	5.26
+	ROUTED TO R114	220.	13.92	27.	7.	3.	5.26

+	HYDROGRAPH AT	122B	581.	12.25	72.	21.	10.	.38
+	DIVERSION TO	122BRT	581.	12.25	48.	13.	6.	.38
+	HYDROGRAPH AT	122BOT	406.	12.42	30.	9.	4.	.38
+	2 COMBINED AT	CP122B	366.	12.42	56.	15.	7.	5.66
+	ROUTED TO	R122B	293.	12.58	56.	15.	7.	5.66
+	2 COMBINED AT	!RM1	720.	12.50	203.	68.	33.	8.48
+	ROUTED TO	1R122A	473.	14.25	200.	68.	33.	8.48
+	ROUTED TO	2R122A	467.	14.50	197.	68.	33.	8.48
+	HYDROGRAPH AT	111	482.	12.08	45.	13.	6.	.26
+	DIVERSION TO	111RET	374.	12.00	23.	6.	3.	.26
+	HYDROGRAPH AT	111OUT	477.	12.17	25.	7.	3.	.26
+	ROUTED TO	R111	271.	12.42	25.	7.	3.	.26
+	HYDROGRAPH AT	104	241.	12.25	28.	9.	4.	.15
+	DIVERSION TO	104R	241.	12.25	23.	6.	3.	.15
+	HYDROGRAPH AT	104T	78.	12.50	8.	2.	1.	.15
+	ROUTED TO	R104	18.	17.08	8.	2.	1.	.15
+	HYDROGRAPH AT	111A	893.	12.25	106.	32.	15.	.61
+	DIVERSION TO	111ART	893.	12.25	103.	28.	13.	.61
+	HYDROGRAPH AT	111AOT	19.	12.92	9.	3.	2.	.61
+	3 COMBINED AT	CP111A	271.	12.42	39.	13.	6.	.97
+	ROUTED TO	R111A	111.	13.92	32.	12.	6.	.97
+	HYDROGRAPH AT	119	516.	13.17	133.	38.	19.	.86
+	DIVERSION TO	119RT	477.	13.08	68.	18.	9.	.86
+	HYDROGRAPH AT	119OUT	490.	13.25	75.	20.	10.	.86
+	DIVERSION TO	DI128	286.	13.25	44.	12.	6.	.86
+	HYDROGRAPH AT	D119	204.	13.25	31.	8.	4.	.86
+	ROUTED TO	R119	135.	14.00	30.	8.	4.	.86

	HYDROGRAPH AT							
+		119A	292.	13.17	80.	24.	11.	.47
	DIVERSION TO							
+		119AR	292.	13.17	57.	15.	7.	.47
	HYDROGRAPH AT							
+		119AT	183.	13.67	30.	9.	4.	.47
	2 COMBINED AT							
+		CP119A	268.	13.83	59.	17.	8.	1.26
	DIVERSION TO							
+		DI130	0.	.00	0.	0.	0.	1.26
	HYDROGRAPH AT							
+		D119A	268.	13.83	59.	17.	8.	1.26
	ROUTED TO							
+		R119A	254.	14.08	58.	17.	8.	1.26
	HYDROGRAPH AT							
+		120	371.	13.25	105.	31.	15.	.54
	DIVERSION TO							
+		120RT	371.	13.25	65.	18.	8.	.54
	HYDROGRAPH AT							
+		120OUT	281.	13.58	48.	13.	6.	.54
	3 COMBINED AT							
+		1I120	529.	14.00	133.	41.	20.	2.88
	HYDROGRAPH AT							
+		1D112	137.	12.67	19.	6.	3.	.82
	ROUTED TO							
+		R112	89.	13.25	19.	6.	3.	.82
	2 COMBINED AT							
+		CP120	562.	14.00	147.	47.	22.	3.58
	ROUTED TO							
+		R120	527.	14.33	146.	47.	22.	3.58
	HYDROGRAPH AT							
+		D119	286.	13.25	44.	12.	6.	.86
	ROUTED TO							
+		R119	216.	13.67	43.	12.	6.	.86
	HYDROGRAPH AT							
+		128	310.	12.92	73.	23.	11.	.41
	DIVERSION TO							
+		128R	310.	12.92	61.	17.	8.	.41
	HYDROGRAPH AT							
+		128T	107.	13.58	20.	6.	3.	.41
	2 COMBINED AT							
+		CP128	315.	13.67	62.	18.	8.	1.27
	ROUTED TO							
+		R128	186.	16.33	61.	18.	8.	1.27
	HYDROGRAPH AT							
+		D119A	0.	.00	0.	0.	0.	1.26
	ROUTED TO							
+		R119A	0.	.00	0.	0.	0.	1.26
	HYDROGRAPH AT							
+		130	581.	13.25	172.	51.	25.	1.00
	DIVERSION TO							
+		130R	581.	13.25	113.	31.	15.	1.00
	HYDROGRAPH AT							
+		130T	404.	13.67	74.	21.	10.	1.00

	3 COMBINED AT							
+		1I130	396.	13.75	127.	37.	18.	3.77
	HYDROGRAPH AT							
+		129	343.	12.67	55.	14.	7.	.43
	ROUTED TO							
+		R129	278.	13.33	55.	14.	7.	.43
	3 COMBINED AT							
+		CP130	845.	14.17	314.	97.	47.	5.37
	DIVERSION TO							
+		DI144	259.	14.17	35.	9.	4.	5.37
	HYDROGRAPH AT							
+		D130	586.	14.17	279.	88.	43.	5.37
	ROUTED TO							
+		R130	580.	14.42	277.	88.	43.	5.37
	HYDROGRAPH AT							
+		131A	316.	13.08	69.	17.	8.	.49
	2 COMBINED AT							
+		CP131A	615.	14.33	326.	105.	51.	5.87
	DIVERSION TO							
+		DI145A	615.	14.33	326.	105.	51.	5.87
	HYDROGRAPH AT							
+		DC131A	0.	.00	0.	0.	0.	5.87
	ROUTED TO							
+		R131A	0.	.00	0.	0.	0.	5.87
	HYDROGRAPH AT							
+		131	317.	13.08	69.	17.	8.	.49
	2 COMBINED AT							
+		1I131	309.	13.08	67.	17.	8.	9.57
	HYDROGRAPH AT							
+		2D112	137.	12.67	19.	6.	3.	.82
	ROUTED TO							
+		R112	93.	13.08	19.	6.	3.	.82
	HYDROGRAPH AT							
+		121A	401.	12.92	93.	28.	13.	.50
	DIVERSION TO							
+		121AR	401.	12.92	69.	19.	9.	.50
	HYDROGRAPH AT							
+		121AT	240.	13.33	33.	9.	5.	.50
	2 COMBINED AT							
+		1I121A	314.	13.33	50.	15.	7.	1.34
	HYDROGRAPH AT							
+		D113A	519.	12.92	83.	25.	12.	3.04
	ROUTED TO							
+		RLPO	442.	13.00	82.	25.	12.	3.04
	2 COMBINED AT							
+		!LP	582.	13.33	131.	40.	19.	3.54
	DIVERSION TO							
+		DI131A	582.	13.33	131.	40.	19.	3.54
	HYDROGRAPH AT							
+		DC121A	0.	.00	0.	0.	0.	3.54
	ROUTED TO							
+		R121A	0.	.00	0.	0.	0.	3.54
	HYDROGRAPH AT							
+		121	391.	12.92	88.	26.	12.	.50

	DIVERSION TO							
+		121R	391.	12.92	58.	16.	8.	.50
	HYDROGRAPH AT							
+		121T	282.	13.17	36.	10.	5.	.50
	2 COMBINED AT							
+		CP121	274.	13.17	35.	10.	5.	4.03
	ROUTED TO							
+		R121	138.	14.17	34.	10.	5.	4.03
	2 COMBINED AT							
+		CP131	309.	13.08	97.	26.	13.	10.47
	DIVERSION TO							
+		DI145	244.	13.08	73.	19.	9.	10.47
	HYDROGRAPH AT							
+		D131	64.	13.08	24.	7.	3.	10.47
	ROUTED TO							
+		R131	57.	13.42	24.	7.	3.	10.47
	HYDROGRAPH AT							
+		132	264.	13.00	68.	21.	10.	.41
	DIVERSION TO							
+		132R	264.	13.00	59.	16.	8.	.41
	HYDROGRAPH AT							
+		132T	70.	14.00	16.	5.	2.	.41
	2 COMBINED AT							
+		CP132	113.	14.00	37.	11.	5.	9.97
	ROUTED TO							
+		R132	87.	14.67	37.	11.	5.	9.97
	HYDROGRAPH AT							
+		133	371.	12.83	81.	24.	12.	.50
	DIVERSION TO							
+		133RET	371.	12.83	59.	16.	8.	.50
	HYDROGRAPH AT							
+		133OUT	225.	13.25	29.	8.	4.	.50
	2 COMBINED AT							
+		1I133	214.	13.25	62.	19.	9.	11.37
	2 COMBINED AT							
+		!RM2	573.	14.50	259.	87.	42.	9.99
	DIVERSION TO							
+		DI146	573.	14.50	259.	87.	42.	9.99
	HYDROGRAPH AT							
+		1D133	0.	.00	0.	0.	0.	9.99
	DIVERSION TO							
+		1D147	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		2D133	0.	.00	0.	0.	0.	9.99
	ROUTED TO							
+		R133	0.	.00	0.	0.	0.	9.99
	HYDROGRAPH AT							
+		134	329.	13.08	87.	27.	13.	.50
	DIVERSION TO							
+		134R	329.	13.08	63.	17.	8.	.50
	HYDROGRAPH AT							
+		134T	198.	13.58	34.	10.	5.	.50
	HYDROGRAPH AT							
+		D123	0.	.00	0.	0.	0.	.44

	ROUTED TO							
+		R123	0.	.00	0.	0.	0.	.44
	3 COMBINED AT							
+		CP134	246.	13.58	34.	10.	5.	16.87
	DIVERSION TO							
+		2D147	57.	13.75	6.	2.	1.	16.87
	HYDROGRAPH AT							
+		D134	94.	13.75	22.	7.	3.	16.87
	ROUTED TO							
+		R134	70.	14.08	22.	7.	3.	16.87
	HYDROGRAPH AT							
+		1D124	81.	13.58	10.	3.	1.	1.65
	ROUTED TO							
+		R124	55.	14.58	10.	3.	1.	1.65
	HYDROGRAPH AT							
+		135	452.	12.67	90.	28.	13.	.49
	DIVERSION TO							
+		135RET	452.	12.67	73.	20.	10.	.49
	HYDROGRAPH AT							
+		135OUT	175.	13.25	26.	8.	4.	.49
	3 COMBINED AT							
+		CP135	109.	13.25	49.	15.	7.	17.92
	DIVERSION TO							
+		DI148	2.	13.25	0.	0.	0.	17.92
	HYDROGRAPH AT							
+		D135	109.	14.42	49.	15.	7.	17.92
	ROUTED TO							
+		R135	106.	14.75	48.	15.	7.	17.92
	HYDROGRAPH AT							
+		2D124	222.	13.58	49.	13.	6.	1.65
	ROUTED TO							
+		R124	135.	16.08	42.	13.	6.	1.65
	HYDROGRAPH AT							
+		136	326.	13.08	87.	27.	13.	.46
	DIVERSION TO							
+		136R	326.	13.08	64.	17.	8.	.46
	HYDROGRAPH AT							
+		136T	196.	13.58	32.	9.	5.	.46
	2 COMBINED AT							
+		1I136	195.	13.58	68.	23.	11.	1.03
	2 COMBINED AT							
+		CP136	193.	13.83	107.	35.	17.	18.33
	ROUTED TO							
+		R136	160.	14.58	104.	35.	17.	18.33
	HYDROGRAPH AT							
+		1D125	334.	12.50	74.	21.	10.	3.66
	ROUTED TO							
+		R125	258.	13.08	72.	21.	10.	3.66
	HYDROGRAPH AT							
+		137	295.	13.42	96.	29.	14.	.54
	DIVERSION TO							
+		137R	295.	13.42	68.	19.	9.	.54
	HYDROGRAPH AT							
+		137T	183.	14.00	37.	11.	5.	.54

+	3 COMBINED AT CP137	431.	14.25	213.	71.	34.	5.58
+	DIVERSION TO DI149	143.	14.25	71.	23.	11.	5.58
+	HYDROGRAPH AT 1D137	287.	14.25	142.	47.	23.	5.58
+	DIVERSION TO DI153	143.	14.25	71.	23.	11.	5.58
+	HYDROGRAPH AT 2D137	144.	14.25	71.	24.	11.	5.58
+	ROUTED TO R137	133.	14.50	70.	24.	11.	5.58
+	HYDROGRAPH AT 2D125	334.	12.50	74.	21.	10.	3.66
+	ROUTED TO R125	132.	15.33	60.	21.	10.	3.66
+	HYDROGRAPH AT 138	386.	13.00	97.	30.	14.	.54
+	DIVERSION TO 138R	386.	13.00	82.	22.	11.	.54
+	HYDROGRAPH AT 138T	131.	13.83	25.	8.	4.	.54
+	2 COMBINED AT 1I138	129.	15.50	63.	24.	12.	22.08
+	2 COMBINED AT CP138	253.	15.33	143.	52.	25.	6.12
+	DIVERSION TO 2D153	0.	.00	0.	0.	0.	6.12
+	HYDROGRAPH AT DRR1	253.	15.33	143.	52.	25.	6.12
+	ROUTED TO R138	233.	15.50	143.	52.	25.	6.12
+	HYDROGRAPH AT 138A	727.	12.17	84.	26.	12.	.46
+	DIVERSION TO 138AR	727.	12.17	75.	20.	10.	.46
+	HYDROGRAPH AT 138AT	69.	12.75	17.	5.	3.	.46
+	2 COMBINED AT 1I138A	243.	15.50	153.	57.	27.	6.05
+	2 COMBINED AT 2I138A	201.	15.67	123.	48.	23.	24.81
+	HYDROGRAPH AT 2D137	143.	14.25	71.	23.	11.	5.58
+	ROUTED TO R137	141.	14.50	70.	23.	11.	5.58
+	HYDROGRAPH AT 153	658.	12.08	72.	23.	11.	.31
+	DIVERSION TO 153RET	658.	12.08	47.	13.	6.	.31
+	HYDROGRAPH AT 153OUT	441.	12.25	34.	10.	5.	.31
+	HYDROGRAPH AT DRR1	0.	.00	0.	0.	0.	6.12

	ROUTED TO						
+		RRR1	0.	.00	0.	0.	0.	6.12
	3 COMBINED AT						
+		!RR2	441.	12.25	100.	34.	16.	21.92
	DIVERSION TO						
+		3D152	398.	12.25	82.	29.	14.	21.92
	HYDROGRAPH AT						
+		DRRR2	0.	.00	0.	0.	0.	21.92
	2 COMBINED AT						
+		CP138A	203.	15.58	125.	48.	23.	23.68
	DIVERSION TO						
+		DI154	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT						
+		D138A	203.	15.58	125.	48.	23.	23.68
	ROUTED TO						
+		R138A	186.	16.75	123.	48.	23.	23.68
	HYDROGRAPH AT						
+		D138A	0.	.00	0.	0.	0.	23.68
	ROUTED TO						
+		RLLE	0.	.00	0.	0.	0.	23.68
	HYDROGRAPH AT						
+		154	174.	12.58	28.	7.	3.	.17
	2 COMBINED AT						
+		LLE1	173.	12.58	27.	7.	3.	.33
	ROUTED TO						
+		RLLE1	153.	12.92	27.	7.	3.	.33
	HYDROGRAPH AT						
+		157	734.	12.83	162.	50.	24.	.89
	DIVERSION TO						
+		157R	734.	12.83	131.	35.	17.	.89
	HYDROGRAPH AT						
+		157T	329.	13.42	48.	14.	7.	.89
	2 COMBINED AT						
+		1I157	213.	13.42	57.	17.	8.	25.08
	2 COMBINED AT						
+		2I157	213.	13.42	142.	64.	31.	25.08
	HYDROGRAPH AT						
+		127	461.	12.08	45.	14.	7.	.22
	ROUTED TO						
+		R127	255.	13.33	45.	14.	7.	.22
	HYDROGRAPH AT						
+		139	718.	12.25	88.	27.	13.	.47
	DIVERSION TO						
+		139R	718.	12.25	66.	18.	9.	.47
	HYDROGRAPH AT						
+		139T	378.	12.50	31.	9.	4.	.47
	2 COMBINED AT						
+		1I139	383.	12.50	75.	22.	11.	.69
	HYDROGRAPH AT						
+		D126	840.	12.83	151.	46.	22.	4.75
	ROUTED TO						
+		RLE	540.	13.00	148.	46.	22.	4.75
	2 COMBINED AT						
+		2I139	657.	13.33	218.	67.	32.	7.04

	HYDROGRAPH AT							
+		140	192.	12.67	41.	14.	7.	.18
	DIVERSION TO							
+		140R	189.	12.58	25.	7.	3.	.18
	HYDROGRAPH AT							
+		140T	154.	12.83	22.	7.	3.	.18
	2 COMBINED AT							
+		!LE1	751.	13.00	250.	76.	37.	.88
	ROUTED TO							
+		RLE1	725.	13.33	248.	76.	37.	.88
	HYDROGRAPH AT							
+		156	272.	12.75	62.	20.	10.	.30
	DIVERSION TO							
+		156R	272.	12.75	46.	13.	6.	.30
	HYDROGRAPH AT							
+		156T	149.	13.25	24.	7.	3.	.30
	2 COMBINED AT							
+		!LE2	859.	13.25	268.	83.	40.	1.18
	ROUTED TO							
+		RLE2	818.	13.50	264.	83.	40.	1.18
	2 COMBINED AT							
+		!LE3	1198.	13.42	455.	160.	78.	1.65
	ROUTED TO							
+		RLE3	1108.	13.58	453.	160.	78.	1.65
	HYDROGRAPH AT							
+		172	109.	12.58	17.	5.	2.	.12
	DIVERSION TO							
+		172R	66.	12.25	5.	1.	1.	.12
	HYDROGRAPH AT							
+		172T	109.	12.58	13.	3.	2.	.12
	2 COMBINED AT							
+		!LE4	1115.	13.58	457.	163.	79.	1.77
	ROUTED TO							
+		SRLECH	1118.	13.58	456.	162.	79.	1.77
	DIVERSION TO							
+		EM-CLV	42.	13.58	33.	25.	13.	1.77
	HYDROGRAPH AT							
+		D10X3	1076.	13.58	423.	137.	66.	1.77
	ROUTED TO							
+		SRLE4	692.	14.08	401.	129.	62.	1.77
	HYDROGRAPH AT							
+		DI10X3	42.	13.58	33.	25.	13.	1.77
	2 COMBINED AT							
+		2LE4	730.	14.08	434.	154.	75.	1.77
	ROUTED TO							
+		RLE4	710.	14.33	428.	154.	75.	1.77
	HYDROGRAPH AT							
+		173	170.	13.00	35.	9.	5.	.31
	DIVERSION TO							
+		173R	132.	12.75	14.	4.	2.	.31
	HYDROGRAPH AT							
+		173T	170.	13.00	23.	6.	3.	.31
	2 COMBINED AT							
+		!LE5	723.	14.33	434.	159.	78.	2.08

	HYDROGRAPH AT							
+		156A	501.	12.17	46.	13.	6.	.31
	ROUTED TO							
+		R156A	178.	14.17	45.	13.	6.	.31
	HYDROGRAPH AT							
+		158	1158.	12.33	143.	43.	21.	.97
	DIVERSION TO							
+		158RET	1158.	12.33	116.	31.	15.	.97
	HYDROGRAPH AT							
+		158OUT	382.	12.67	39.	12.	6.	.97
	2 COMBINED AT							
+		CP158	384.	12.67	80.	25.	12.	1.28
	ROUTED TO							
+		R158	159.	14.92	77.	25.	12.	1.28
	HYDROGRAPH AT							
+		173B	143.	12.83	31.	10.	5.	.20
	DIVERSION TO							
+		173R	143.	12.83	22.	6.	3.	.20
	HYDROGRAPH AT							
+		173T	83.	13.17	12.	4.	2.	.20
	2 COMBINED AT							
+		CP173B	228.	13.25	88.	28.	14.	1.48
	2 COMBINED AT							
+		AFR2E	717.	14.67	432.	163.	80.	30.12
	ROUTED TO							
+		RR173	636.	14.83	387.	150.	73.	30.12
	HYDROGRAPH AT							
+		171	372.	13.42	115.	34.	16.	.70
	DIVERSION TO							
+		171R	372.	13.42	85.	23.	11.	.70
	HYDROGRAPH AT							
+		171T	205.	14.17	39.	11.	5.	.70
	ROUTED TO							
+		R171	161.	14.58	38.	11.	5.	.70
	HYDROGRAPH AT							
+		173A	164.	12.75	34.	11.	5.	.20
	DIVERSION TO							
+		173R	164.	12.75	26.	7.	3.	.20
	HYDROGRAPH AT							
+		173T	89.	13.17	12.	4.	2.	.20
	2 COMBINED AT							
+		CP173A	169.	14.58	48.	14.	7.	.90
	2 COMBINED AT							
+		AFR2F1	731.	14.83	416.	160.	78.	31.02
	ROUTED TO							
+		RR173A	640.	15.67	411.	160.	78.	31.02
	HYDROGRAPH AT							
+		186	180.	13.25	46.	11.	6.	.33
	ROUTED TO							
+		R186	166.	13.67	46.	11.	6.	.33
	HYDROGRAPH AT							
+		187	80.	12.00	5.	2.	1.	.35
	2 COMBINED AT							
+		CP187	166.	13.67	51.	13.	6.	.68

+	2 COMBINED AT	AFR2F2	658.	15.67	424.	170.	84.	31.70
+	ROUTED TO	RR187	609.	16.42	421.	170.	83.	31.70
+	HYDROGRAPH AT	199	71.	13.08	15.	4.	2.	.11
+	ROUTED TO	R199	62.	13.67	15.	4.	2.	.11
+	HYDROGRAPH AT	200	216.	12.67	34.	9.	4.	.29
+	2 COMBINED AT	CP200	216.	12.67	49.	12.	6.	.40
+	2 COMBINED AT	AFR2F3	613.	16.42	424.	180.	89.	32.10
+	ROUTED TO	RR200	597.	16.83	422.	180.	89.	32.10
+	HYDROGRAPH AT	141	484.	12.33	50.	12.	6.	.47
+	ROUTED TO	R141	478.	12.42	50.	12.	6.	.47
+	HYDROGRAPH AT	141A	214.	12.17	16.	4.	2.	.15
+	2 COMBINED AT	CP141A	571.	12.33	65.	16.	8.	.62
+	ROUTED TO	R141A	533.	12.50	65.	16.	8.	.62
+	HYDROGRAPH AT	142	305.	13.00	63.	16.	8.	.51
+	2 COMBINED AT	CP142	690.	12.50	127.	32.	15.	1.13
+	ROUTED TO	R142	645.	12.92	127.	32.	15.	1.13
+	HYDROGRAPH AT	143	294.	13.00	69.	20.	10.	.50
+	DIVERSION TO	143R	294.	13.00	40.	11.	5.	.50
+	HYDROGRAPH AT	143T	234.	13.25	34.	9.	4.	.50
+	2 COMBINED AT	CP143	730.	13.25	160.	41.	20.	1.63
+	ROUTED TO	R143	695.	13.33	159.	41.	20.	1.63
+	HYDROGRAPH AT	D130	259.	14.17	35.	9.	4.	5.37
+	ROUTED TO	R130	208.	14.75	35.	9.	4.	5.37
+	HYDROGRAPH AT	144	328.	13.00	69.	17.	8.	.51
+	2 COMBINED AT	1I144	321.	13.00	102.	25.	12.	6.05
+	2 COMBINED AT	CP144	916.	13.08	256.	65.	31.	7.68
+	DIVERSION TO	DI164A	60.	13.08	8.	2.	1.	7.68

+	HYDROGRAPH AT	D144	856.	13.08	248.	63.	30.	7.68
+	ROUTED TO	R144	845.	13.33	248.	63.	30.	7.68
+	HYDROGRAPH AT	145A	287.	13.08	63.	16.	8.	.49
+	2 COMBINED AT	CP145A	1066.	13.25	308.	78.	38.	8.17
+	DIVERSION TO	2D164A	1066.	13.25	308.	78.	38.	8.17
+	HYDROGRAPH AT	DC145A	0.	.00	0.	0.	0.	8.17
+	ROUTED TO	R145A	0.	.00	0.	0.	0.	8.17
+	HYDROGRAPH AT	D131	244.	13.08	73.	19.	9.	10.47
+	ROUTED TO	R131	195.	13.83	71.	19.	9.	10.47
+	HYDROGRAPH AT	145	297.	13.08	64.	16.	8.	.48
+	2 COMBINED AT	1I145	324.	13.58	132.	35.	17.	9.00
+	2 COMBINED AT	CP145	319.	13.67	130.	35.	17.	11.63
+	DIVERSION TO	DI164	13.	13.67	2.	1.	0.	11.63
+	HYDROGRAPH AT	1D145	306.	13.67	128.	34.	16.	11.63
+	DIVERSION TO	DI165	44.	13.67	7.	2.	1.	11.63
+	HYDROGRAPH AT	2D145	262.	13.67	121.	32.	16.	11.63
+	ROUTED TO	R145B	260.	13.75	121.	32.	16.	11.63
+	DIVERSION TO	DI165B	123.	13.75	36.	9.	4.	11.63
+	HYDROGRAPH AT	3D145	138.	13.75	85.	23.	11.	11.63
+	ROUTED TO	R145C	137.	13.92	85.	23.	11.	11.63
+	DIVERSION TO	DI165C	52.	13.92	24.	6.	3.	11.63
+	HYDROGRAPH AT	4D145	86.	13.83	61.	17.	8.	11.63
+	ROUTED TO	R145D	86.	13.83	61.	17.	8.	11.63
+	HYDROGRAPH AT	1D133	573.	14.50	259.	87.	42.	9.99
+	ROUTED TO	RRM2	534.	14.92	253.	87.	42.	9.99
+	HYDROGRAPH AT	146	523.	13.17	124.	31.	15.	.90
+	2 COMBINED AT	1I146	675.	13.50	319.	108.	52.	15.02

	2 COMBINED AT							
+		!RM3	811.	13.50	402.	131.	63.	11.37
	DIVERSION TO							
+		1D166	0.	.00	0.	0.	0.	11.37
	HYDROGRAPH AT							
+		D146	811.	13.50	402.	131.	63.	11.37
	ROUTED TO							
+		RRM3A	748.	13.67	396.	131.	63.	11.37
	HYDROGRAPH AT							
+		4D145	52.	13.92	24.	6.	3.	11.63
	ROUTED TO							
+		R145E	51.	14.42	24.	6.	3.	11.63
	2 COMBINED AT							
+		1D165	747.	13.75	396.	131.	63.	18.49
	DIVERSION TO							
+		DIRB1	0.	.00	0.	0.	0.	18.49
	HYDROGRAPH AT							
+		D146B	718.	13.75	377.	126.	61.	18.49
	ROUTED TO							
+		RRM3B	716.	13.75	377.	126.	61.	18.49
	HYDROGRAPH AT							
+		3D145	123.	13.75	36.	9.	4.	11.63
	ROUTED TO							
+		R145F	109.	14.92	36.	9.	4.	11.63
	2 COMBINED AT							
+		2D165	716.	13.75	409.	135.	65.	18.50
	DIVERSION TO							
+		DIRB2	0.	.00	0.	0.	0.	18.50
	HYDROGRAPH AT							
+		D146C	716.	13.75	409.	135.	65.	18.50
	ROUTED TO							
+		RRM3C	698.	14.00	407.	135.	65.	18.50
	HYDROGRAPH AT							
+		159	608.	12.33	61.	15.	7.	.58
	ROUTED TO							
+		R159	594.	12.42	61.	15.	7.	.58
	HYDROGRAPH AT							
+		160	409.	12.42	44.	11.	5.	.39
	2 COMBINED AT							
+		CP160	996.	12.42	105.	26.	13.	.97
	ROUTED TO							
+		R160	893.	12.58	105.	26.	13.	.97
	HYDROGRAPH AT							
+		161	310.	13.00	62.	15.	7.	.50
	2 COMBINED AT							
+		CP161	1087.	12.58	165.	41.	20.	1.47
	ROUTED TO							
+		R161	925.	13.08	165.	41.	20.	1.47
	HYDROGRAPH AT							
+		162	268.	12.50	34.	8.	4.	.25
	ROUTED TO							
+		R162	198.	13.17	34.	8.	4.	.25
	HYDROGRAPH AT							
+		163	492.	12.92	99.	25.	12.	.75

	2 COMBINED AT							
+		1I163	664.	13.00	132.	33.	16.	1.00
	2 COMBINED AT							
+		CP163	1565.	13.00	295.	74.	35.	2.47
	DIVERSION TO							
+		DI176A	0.	.00	0.	0.	0.	2.47
	HYDROGRAPH AT							
+		D163	1565.	13.00	295.	74.	35.	2.47
	ROUTED TO							
+		R163	1519.	13.17	295.	74.	35.	2.47
	HYDROGRAPH AT							
+		D144	60.	13.08	8.	2.	1.	7.68
	ROUTED TO							
+		R144	30.	17.17	8.	2.	1.	7.68
	HYDROGRAPH AT							
+		164A	309.	13.08	66.	17.	8.	.49
	2 COMBINED AT							
+		1I164A	302.	13.08	71.	18.	9.	8.17
	2 COMBINED AT							
+		CP164A	1765.	13.17	360.	90.	44.	10.64
	DIVERSION TO							
+		DI177A	1765.	13.17	360.	90.	44.	10.64
	HYDROGRAPH AT							
+		DC164A	0.	.00	0.	0.	0.	10.64
	ROUTED TO							
+		R164A	0.	.00	0.	0.	0.	10.64
	HYDROGRAPH AT							
+		164	311.	13.08	72.	20.	10.	.49
	DIVERSION TO							
+		164R	229.	12.75	26.	7.	3.	.49
	HYDROGRAPH AT							
+		164T	311.	13.08	50.	13.	6.	.49
	2 COMBINED AT							
+		1I164	300.	13.08	47.	12.	6.	11.13
	HYDROGRAPH AT							
+		1D145	13.	13.67	2.	1.	0.	11.63
	ROUTED TO							
+		R145	10.	14.50	2.	1.	0.	11.63
	2 COMBINED AT							
+		CP164	300.	13.08	49.	13.	6.	15.08
	DIVERSION TO							
+		DI177	22.	13.08	4.	1.	0.	15.08
	HYDROGRAPH AT							
+		D164	272.	13.08	44.	11.	6.	15.08
	ROUTED TO							
+		R164	174.	14.00	44.	11.	6.	15.08
	HYDROGRAPH AT							
+		2D145	44.	13.67	7.	2.	1.	11.63
	ROUTED TO							
+		R145	15.	19.08	7.	2.	1.	11.63
	HYDROGRAPH AT							
+		165	511.	13.25	142.	42.	20.	.90
	DIVERSION TO							
+		165R	511.	13.25	92.	25.	12.	.90

+	HYDROGRAPH AT	165T	372.	13.58	61.	17.	8.	.90
+	2 COMBINED AT	1I165	313.	13.58	59.	17.	8.	12.53
+	2 COMBINED AT	2I165	431.	13.83	100.	28.	13.	15.98
+	2 COMBINED AT	!RM4	1136.	13.92	521.	167.	80.	15.67
+	DIVERSION TO	DI180	0.	.00	0.	0.	0.	15.67
+	HYDROGRAPH AT	D165	1136.	13.92	521.	167.	80.	15.67
+	ROUTED TO	RRM4	1136.	13.92	521.	167.	80.	15.67
+	HYDROGRAPH AT	D163	0.	.00	0.	0.	0.	2.47
+	ROUTED TO	R163	0.	.00	0.	0.	0.	2.47
+	HYDROGRAPH AT	176A	293.	13.25	71.	19.	9.	.62
+	2 COMBINED AT	CP176A	288.	13.25	70.	18.	9.	3.09
+	DIVERSION TO	DI191	0.	.00	0.	0.	0.	3.09
+	HYDROGRAPH AT	D176A	288.	13.25	70.	18.	9.	3.09
+	ROUTED TO	R176A	264.	13.50	70.	18.	9.	3.09
+	HYDROGRAPH AT	177A	261.	13.08	57.	15.	7.	.49
+	2 COMBINED AT	CP177A	430.	13.17	125.	33.	16.	3.58
+	DIVERSION TO	DI192A	430.	13.17	125.	33.	16.	3.58
+	HYDROGRAPH AT	DC177A	0.	.00	0.	0.	0.	3.58
+	ROUTED TO	R177A	0.	.00	0.	0.	0.	3.58
+	HYDROGRAPH AT	177	291.	13.08	62.	15.	7.	.49
+	2 COMBINED AT	1I177	286.	13.08	61.	15.	7.	4.07
+	HYDROGRAPH AT	D164	22.	13.08	4.	1.	0.	15.08
+	ROUTED TO	R164	11.	14.83	4.	1.	0.	15.08
+	2 COMBINED AT	CP177	286.	13.08	64.	16.	8.	16.68
+	ROUTED TO	R177	255.	13.25	61.	15.	7.	16.68
+	HYDROGRAPH AT	178	271.	13.08	65.	19.	9.	.44
+	DIVERSION TO	178R	248.	12.92	34.	9.	4.	.44

+	HYDROGRAPH AT	178T	251.	13.17	36.	10.	5.	.44
+	2 COMBINED AT	CP178	465.	13.25	92.	24.	12.	17.12
+	ROUTED TO	R178	396.	13.67	92.	24.	12.	17.12
+	HYDROGRAPH AT	179	293.	13.08	64.	16.	8.	.46
+	2 COMBINED AT	1I179	538.	13.58	151.	39.	19.	17.58
+	2 COMBINED AT	!RM5	1573.	13.83	636.	202.	97.	18.17
+	DIVERSION TO	DIRM5	1022.	13.83	192.	48.	23.	18.17
+	HYDROGRAPH AT	DRM5	642.	14.58	444.	154.	74.	18.17
+	HYDROGRAPH AT	DRRM5	1022.	13.83	192.	48.	23.	18.17
+	ROUTED TO	SRRM5	41.	16.33	29.	16.	9.	18.17
+	2 COMBINED AT	2RM5	654.	14.58	467.	169.	83.	18.17
+	DIVERSION TO	DI193	654.	14.58	467.	169.	83.	18.17
+	HYDROGRAPH AT	1D179	0.	.00	0.	0.	0.	18.17
+	DIVERSION TO	DI194A	0.	.00	0.	0.	0.	18.17
+	HYDROGRAPH AT	2D179	0.	.00	0.	0.	0.	18.17
+	ROUTED TO	R179	0.	.00	0.	0.	0.	18.17
+	HYDROGRAPH AT	180	515.	13.33	136.	34.	16.	.99
+	2 COMBINED AT	1I180	477.	13.33	126.	31.	15.	26.33
+	HYDROGRAPH AT	2D133	0.	.00	0.	0.	0.	9.99
+	ROUTED TO	R133	0.	.00	0.	0.	0.	9.99
+	HYDROGRAPH AT	147	336.	13.00	86.	26.	13.	.50
+	DIVERSION TO	147R	336.	13.00	67.	18.	9.	.50
+	HYDROGRAPH AT	147T	168.	13.67	27.	8.	4.	.50
+	2 COMBINED AT	1I147	125.	13.67	23.	7.	3.	14.62
+	HYDROGRAPH AT	D134	57.	13.75	6.	2.	1.	16.87
+	ROUTED TO	R134	22.	15.33	6.	2.	1.	16.87
+	2 COMBINED AT	CP147	117.	13.67	29.	8.	4.	15.92

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          DIVERSION TO
+                    2D166     116.  13.67      29.      8.      4.    15.92
          HYDROGRAPH AT
+                     D147       1.  13.67       0.      0.      0.    15.92
          ROUTED TO
+                     R147       0.  14.33       0.      0.      0.    15.92
          HYDROGRAPH AT
+                      148     311.  13.00      75.     22.     10.      .48
          DIVERSION TO
+                     148R     311.  13.00      42.     11.      5.      .48
          HYDROGRAPH AT
+                     148T     256.  13.25      39.     11.      5.      .48
          2 COMBINED AT
+                    1I148     218.  13.33      34.      9.      4.    16.40
          HYDROGRAPH AT
+                     D135       2.  13.25       0.      0.      0.    17.92
          ROUTED TO
+                     R135       0.  14.42       0.      0.      0.    17.92
          2 COMBINED AT
+                    CP148     218.  13.33      34.      9.      4.    17.46
          DIVERSION TO
+                    DI150      33.  13.33       6.      2.      1.    17.46
          HYDROGRAPH AT
+                     D148     185.  13.33      28.      8.      4.    17.46
          ROUTED TO
+                     R148      68.  14.92      27.      8.      4.    17.46
          HYDROGRAPH AT
+                     D147     116.  13.67      29.      8.      4.    15.92
          ROUTED TO
+                     R147      38.  19.42      26.      8.      4.    15.92
          HYDROGRAPH AT
+                      166     507.  13.33     155.     46.     22.      .98
          DIVERSION TO
+                     166R     507.  13.33     104.     28.     14.      .98
          HYDROGRAPH AT
+                     166T     353.  13.83      64.     18.      9.      .98
          HYDROGRAPH AT
+                     D146       0.    .00       0.      0.      0.    11.37
          ROUTED TO
+                     R146       0.    .00       0.      0.      0.    11.37
          2 COMBINED AT
+                    1I166     420.  13.83      65.     18.      9.    19.47
          2 COMBINED AT
+                    2I166     264.  14.08      65.     23.     11.    21.45
          2 COMBINED AT
+                    CP166     278.  14.08      91.     30.     14.    22.45
          DIVERSION TO
+                    DI167     278.  14.08      91.     30.     14.    22.45
          HYDROGRAPH AT
+                     D166       3.  13.83       0.      0.      0.    22.45
          ROUTED TO
+                     R166       0.  15.08       0.      0.      0.    22.45
          HYDROGRAPH AT
+                     D165       0.    .00       0.      0.      0.    15.67
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	ROUTED TO						
+	R165	0.	.00	0.	0.	0.	15.67
	2 COMBINED AT						
+	1I180	0.	15.08	0.	0.	0.	30.29
	2 COMBINED AT						
+	CP180	477.	13.33	126.	31.	15.	30.29
	DIVERSION TO						
+	1D195	408.	13.33	109.	27.	13.	30.29
	HYDROGRAPH AT						
+	D180	65.	13.33	16.	4.	2.	30.29
	ROUTED TO						
+	R180	56.	13.92	16.	4.	2.	30.29
	HYDROGRAPH AT						
+	181	258.	12.92	49.	12.	6.	.37
	2 COMBINED AT						
+	CP181	239.	12.92	60.	15.	7.	30.66
	DIVERSION TO						
+	2D195	239.	12.92	60.	15.	7.	30.66
	HYDROGRAPH AT						
+	D181	0.	.00	0.	0.	0.	30.66
	ROUTED TO						
+	R181	0.	.00	0.	0.	0.	30.66
	HYDROGRAPH AT						
+	182	191.	12.75	31.	8.	4.	.24
	2 COMBINED AT						
+	1I182	172.	12.75	28.	7.	3.	30.90
	HYDROGRAPH AT						
+	D148	33.	13.33	6.	2.	1.	17.46
	ROUTED TO						
+	R148	21.	14.33	5.	2.	1.	17.46
	HYDROGRAPH AT						
+	150	188.	12.75	32.	8.	4.	.23
	2 COMBINED AT						
+	CP150	177.	12.75	35.	9.	4.	17.69
	ROUTED TO						
+	R150	153.	13.17	35.	9.	4.	17.69
	HYDROGRAPH AT						
+	151	195.	12.75	40.	12.	6.	.25
	DIVERSION TO						
+	151R	195.	12.75	28.	7.	4.	.25
	HYDROGRAPH AT						
+	151T	132.	13.08	16.	5.	2.	.25
	2 COMBINED AT						
+	1I151	247.	13.25	48.	13.	6.	17.94
	HYDROGRAPH AT						
+	1D137	143.	14.25	71.	23.	11.	5.58
	ROUTED TO						
+	R137	134.	14.67	69.	23.	11.	5.58
	HYDROGRAPH AT						
+	149	293.	13.08	64.	16.	8.	.48
	2 COMBINED AT						
+	CP149	280.	13.08	110.	35.	17.	22.20
	ROUTED TO						
+	R149	259.	13.50	108.	35.	17.	22.20

+	2 COMBINED AT	CP151	495.	13.33	172.	53.	25.	7.85
+	DIVERSION TO	1D168	158.	13.33	50.	13.	6.	7.85
+	HYDROGRAPH AT	1D151	337.	13.33	122.	40.	19.	7.85
+	DIVERSION TO	DI152	158.	13.33	50.	13.	6.	7.85
+	HYDROGRAPH AT	2D151	179.	13.33	72.	26.	13.	7.85
+	ROUTED TO	R151	159.	14.17	69.	26.	13.	7.85
+	HYDROGRAPH AT	167	487.	13.33	142.	40.	19.	.97
+	DIVERSION TO	167R	487.	13.33	97.	26.	12.	.97
+	HYDROGRAPH AT	167T	309.	13.92	53.	15.	7.	.97
+	2 COMBINED AT	1I167	379.	14.08	104.	36.	17.	24.63
+	HYDROGRAPH AT	D166	278.	14.08	91.	30.	14.	22.45
+	ROUTED TO	R166	209.	14.83	86.	30.	14.	22.45
+	2 COMBINED AT	CP167	407.	14.67	184.	65.	31.	25.61
+	DIVERSION TO	1D183	44.	14.67	8.	2.	1.	25.61
+	HYDROGRAPH AT	1D167	363.	14.67	176.	63.	30.	25.61
+	DIVERSION TO	2D168	8.	14.67	2.	0.	0.	25.61
+	HYDROGRAPH AT	2D167	354.	14.67	174.	63.	30.	25.61
+	ROUTED TO	R167	351.	14.92	172.	63.	30.	25.61
+	HYDROGRAPH AT	181A	227.	13.17	52.	13.	6.	.39
+	2 COMBINED AT	CP181A	363.	14.75	192.	74.	36.	26.00
+	DIVERSION TO	2D183	363.	14.75	192.	74.	36.	26.00
+	HYDROGRAPH AT	D181A	0.	.00	0.	0.	0.	26.00
+	ROUTED TO	R181A	0.	.00	0.	0.	0.	26.00
+	2 COMBINED AT	CP182	172.	12.75	28.	7.	3.	38.46
+	DIVERSION TO	DI196	86.	12.75	14.	4.	2.	38.46
+	HYDROGRAPH AT	D182	83.	12.75	14.	3.	2.	38.46
+	ROUTED TO	R182	64.	13.42	14.	3.	2.	38.46

	DIVERSION TO						
+		1DRR6	64.	13.42	14.	3.	2.	38.46
	HYDROGRAPH AT						
+		DR182	0.	.00	0.	0.	0.	38.46
	HYDROGRAPH AT						
+		DRR2	398.	12.25	82.	29.	14.	21.92
	ROUTED TO						
+		RRR2	186.	12.50	80.	29.	14.	21.92
	HYDROGRAPH AT						
+		2D151	158.	13.33	50.	13.	6.	7.85
	ROUTED TO						
+		R151	146.	13.75	49.	13.	6.	7.85
	HYDROGRAPH AT						
+		152	215.	12.75	37.	9.	4.	.25
	3 COMBINED AT						
+		!RR3	388.	12.50	172.	55.	26.	8.61
	DIVERSION TO						
+		1D169	0.	.00	0.	0.	0.	8.61
	HYDROGRAPH AT						
+		1D152	388.	12.50	172.	55.	26.	8.61
	DIVERSION TO						
+		DI155	0.	.00	0.	0.	0.	8.61
	HYDROGRAPH AT						
+		2D152	388.	12.50	172.	55.	26.	8.61
	ROUTED TO						
+		RRR3	373.	12.58	172.	55.	26.	8.61
	HYDROGRAPH AT						
+		1D151	158.	13.33	50.	13.	6.	7.85
	ROUTED TO						
+		R151	156.	13.42	50.	13.	6.	7.85
	HYDROGRAPH AT						
+		168A	542.	12.08	51.	15.	7.	.28
	DIVERSION TO						
+		168R	542.	12.08	37.	10.	5.	.28
	HYDROGRAPH AT						
+		168T	300.	12.25	18.	5.	2.	.28
	3 COMBINED AT						
+		!RRW	414.	12.58	237.	73.	35.	8.89
	ROUTED TO						
+		RRRW	404.	12.67	236.	73.	35.	8.89
	HYDROGRAPH AT						
+		2D167	8.	14.67	2.	0.	0.	25.61
	ROUTED TO						
+		R167	8.	15.42	2.	0.	0.	25.61
	HYDROGRAPH AT						
+		168B	194.	12.75	35.	9.	5.	.23
	3 COMBINED AT						
+		!RR4	583.	12.67	264.	81.	39.	11.07
	DIVERSION TO						
+		2D169	0.	.00	0.	0.	0.	11.07
	HYDROGRAPH AT						
+		D168	583.	12.67	264.	81.	39.	11.07
	ROUTED TO						
+		RRR4	574.	12.75	263.	81.	39.	11.07

+	HYDROGRAPH AT	1D167	44.	14.67	8.	2.	1.	25.61
+	ROUTED TO	R167	28.	15.50	8.	2.	1.	25.61
+	HYDROGRAPH AT	183	226.	12.42	27.	7.	3.	.21
+	HYDROGRAPH AT	D181A	363.	14.75	192.	74.	36.	26.00
+	ROUTED TO	R181	362.	14.83	191.	74.	36.	26.00
+	4 COMBINED AT	!RR5	806.	12.67	505.	171.	83.	11.67
+	ROUTED TO	SRRR5	544.	15.83	430.	171.	83.	11.67
+	DIVERSION TO	2DRR6	544.	15.83	430.	171.	83.	11.67
+	HYDROGRAPH AT	DRR6	0.	.00	0.	0.	0.	11.67
+	ROUTED TO	R183	0.	.00	0.	0.	0.	11.67
+	HYDROGRAPH AT	184B	290.	13.17	69.	17.	8.	.51
+	2 COMBINED AT	1I184	266.	13.17	63.	16.	8.	27.86
+	2 COMBINED AT	2I184	260.	13.17	61.	15.	7.	40.32
+	HYDROGRAPH AT	D152	0.	.00	0.	0.	0.	8.61
+	ROUTED TO	R152	0.	.00	0.	0.	0.	8.61
+	HYDROGRAPH AT	155	255.	12.75	51.	13.	6.	.26
+	2 COMBINED AT	CP155	237.	12.75	47.	12.	6.	24.27
+	ROUTED TO	R155	187.	13.92	47.	12.	6.	24.27
+	HYDROGRAPH AT	D152	0.	.00	0.	0.	0.	8.61
+	ROUTED TO	R152	0.	.00	0.	0.	0.	8.61
+	HYDROGRAPH AT	169	384.	13.17	100.	25.	12.	.51
+	2 COMBINED AT	1I169	358.	13.17	92.	23.	11.	24.52
+	2 COMBINED AT	2I169	370.	13.83	138.	35.	17.	25.13
+	HYDROGRAPH AT	D168	0.	.00	0.	0.	0.	11.07
+	ROUTED TO	R168	0.	.00	0.	0.	0.	11.07
+	2 COMBINED AT	CP169	370.	13.83	138.	35.	17.	27.24
+	ROUTED TO	R169	338.	14.42	135.	34.	17.	27.24

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          2 COMBINED AT
+                    CP184      440.   13.75       190.       49.       24.     41.09
          DIVERSION TO
+                    DI197      176.   13.75        76.       20.        9.     41.09
          HYDROGRAPH AT
+                    1D184      264.   13.75       114.       29.       14.     41.09
          DIVERSION TO
+                    DI198      176.   13.75        76.       20.        9.     41.09
          HYDROGRAPH AT
+                    2D184       88.   13.75        38.       10.        5.     41.09
          ROUTED TO
+                     R184       85.   14.33        38.       10.        5.     41.09
          HYDROGRAPH AT
+                      170      274.   12.67        47.       13.        6.       .29
          ROUTED TO
+                     R170      211.   13.75        47.       13.        6.       .29
          HYDROGRAPH AT
+                      185      443.   13.08        97.       24.       12.       .69
          2 COMBINED AT
+                    1I185      444.   13.08       143.       37.       18.       .98
          2 COMBINED AT
+                    CP185      424.   13.67       163.       43.       20.     44.55
          ROUTED TO
+                     R185      329.   15.33       148.       43.       20.     44.55
          HYDROGRAPH AT
+                    2D184      176.   13.75        76.       20.        9.     41.09
          ROUTED TO
+                     R184      150.   16.83        63.       20.        9.     41.09
          HYDROGRAPH AT
+                      198      587.   13.08       144.       40.       19.       .90
          DIVERSION TO
+                     198R      386.   12.75        47.       13.        6.       .90
          HYDROGRAPH AT
+                     198T      587.   13.08       105.       28.       13.       .90
          2 COMBINED AT
+                    1I198      525.   13.08       130.       43.       21.     41.97
          2 COMBINED AT
+                    2I198      525.   13.08       269.       86.       41.     42.95
          HYDROGRAPH AT
+                    1D184      176.   13.75        76.       20.        9.     41.09
          ROUTED TO
+                     R184      163.   15.17        75.       20.        9.     41.09
          HYDROGRAPH AT
+                     197B      274.   13.25        68.       17.        8.       .50
          2 COMBINED AT
+                    CP197      244.   13.25       121.       35.       17.     42.06
          DIVERSION TO
+                    DI202      244.   13.25       121.       35.       17.     42.06
          HYDROGRAPH AT
+                    DI202        0.     .00         0.        0.        0.     42.06
          ROUTED TO
+                     R197        0.     .00         0.        0.        0.     42.06
          HYDROGRAPH AT
+                      203      145.   12.25        13.        3.        2.       .11
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+	DIVERSION TO	203RET	145.	12.25	13.	3.	2.	.11
+	HYDROGRAPH AT	203OUT	0.	.00	0.	0.	0.	.11
+	2 COMBINED AT	CP203	0.	.00	0.	0.	0.	42.17
+	2 COMBINED AT	CP198	525.	13.08	269.	86.	41.	44.06
+	ROUTED TO	SR198	345.	15.50	239.	85.	41.	44.06
+	ROUTED TO	R198	339.	15.75	238.	85.	41.	44.06
+	HYDROGRAPH AT	204	366.	12.25	31.	8.	4.	.27
+	2 COMBINED AT	1I204	339.	15.75	238.	92.	44.	44.33
+	HYDROGRAPH AT	174	623.	12.25	73.	22.	11.	.45
+	DIVERSION TO	174R	623.	12.25	52.	14.	7.	.45
+	HYDROGRAPH AT	174T	362.	12.42	28.	8.	4.	.45
+	ROUTED TO	R174	128.	13.33	28.	8.	4.	.45
+	HYDROGRAPH AT	175	396.	12.25	49.	15.	7.	.28
+	DIVERSION TO	175R	396.	12.25	41.	11.	5.	.28
+	HYDROGRAPH AT	175T	108.	12.58	14.	4.	2.	.28
+	DIVERSION TO	DI175A	108.	12.58	14.	4.	2.	.28
+	HYDROGRAPH AT	D175	0.	.00	0.	0.	0.	.28
+	ROUTED TO	R175	0.	.00	0.	0.	0.	.28
+	HYDROGRAPH AT	176	698.	12.42	90.	25.	12.	.67
+	DIVERSION TO	176R	552.	12.25	40.	11.	5.	.67
+	HYDROGRAPH AT	176T	698.	12.42	56.	15.	7.	.67
+	2 COMBINED AT	1I176	695.	12.42	55.	15.	7.	.95
+	2 COMBINED AT	CP176	693.	12.42	82.	23.	11.	1.40
+	ROUTED TO	R176	367.	13.00	80.	23.	11.	1.40
+	HYDROGRAPH AT	D175	108.	12.58	14.	4.	2.	.28
+	ROUTED TO	R175	67.	12.83	13.	4.	2.	.28
+	HYDROGRAPH AT	175A	435.	12.50	57.	15.	7.	.47

+	DIVERSION TO	175AR	258.	12.17	15.	4.	2.	.47
+	HYDROGRAPH AT	175AT	435.	12.50	44.	11.	5.	.47
+	2 COMBINED AT	CP175A	434.	12.50	56.	15.	7.	.75
+	ROUTED TO	R175A	418.	12.83	55.	15.	7.	.75
+	HYDROGRAPH AT	CP3	0.	.00	0.	0.	0.	4.86
+	ROUTED TO	R3	0.	.00	0.	0.	0.	4.86
+	2 COMBINED AT	1I189	418.	12.83	55.	15.	7.	5.81
+	HYDROGRAPH AT	189	514.	12.42	56.	14.	7.	.51
+	2 COMBINED AT	CP189	526.	12.83	106.	28.	14.	6.32
+	ROUTED TO	R189	433.	13.25	105.	28.	14.	6.32
+	HYDROGRAPH AT	!NR1	256.	12.25	21.	5.	3.	.19
+	ROUTED TO	RNR1	166.	12.58	21.	5.	3.	.19
+	HYDROGRAPH AT	190	553.	12.92	118.	33.	16.	.86
+	DIVERSION TO	190R	472.	12.75	56.	15.	7.	.86
+	HYDROGRAPH AT	190T	529.	13.00	69.	18.	9.	.86
+	3 COMBINED AT	!NR2	989.	13.00	194.	52.	25.	2.12
+	ROUTED TO	RNR2	874.	13.33	192.	52.	25.	2.12
+	HYDROGRAPH AT	D176A	0.	.00	0.	0.	0.	3.09
+	ROUTED TO	R176A	0.	.00	0.	0.	0.	3.09
+	3 COMBINED AT	1I191	1094.	13.25	259.	71.	34.	11.58
+	HYDROGRAPH AT	191	517.	13.25	125.	31.	15.	.99
+	2 COMBINED AT	!NR3	1644.	13.25	386.	104.	50.	5.28
+	DIVERSION TO	1D208	0.	.00	0.	0.	0.	5.28
+	HYDROGRAPH AT	D191	1644.	13.25	386.	104.	50.	5.28
+	ROUTED TO	RNR3	1635.	13.33	385.	104.	50.	5.28
+	HYDROGRAPH AT	192A	327.	12.83	61.	16.	8.	.50
+	DIVERSION TO	192ART	146.	12.33	10.	3.	1.	.50

+	HYDROGRAPH AT	192AOT	327.	12.83	52.	13.	6.	.50
+	DIVERSION TO	DLP5	220.	12.83	35.	9.	4.	.50
+	HYDROGRAPH AT	D192A	107.	12.83	17.	4.	2.	.50
+	2 COMBINED AT	!NR4	1684.	13.33	401.	108.	52.	5.78
+	DIVERSION TO	DINR4	1684.	13.33	401.	108.	52.	5.78
+	HYDROGRAPH AT	DNR4	0.	.00	0.	0.	0.	5.78
+	HYDROGRAPH AT	D121A	582.	13.33	131.	40.	19.	3.54
+	ROUTED TO	RLPUS	521.	13.42	130.	40.	19.	3.54
+	HYDROGRAPH AT	DC131A	615.	14.33	326.	105.	51.	5.87
+	2 COMBINED AT	!LP1	926.	13.50	452.	144.	70.	5.87
+	ROUTED TO	RLP1	903.	13.50	452.	144.	70.	5.87
+	HYDROGRAPH AT	DC145A	1066.	13.25	308.	78.	38.	8.17
+	2 COMBINED AT	!LP2	1912.	13.50	752.	222.	107.	8.17
+	DIVERSION TO	DILP2	1795.	13.50	743.	220.	106.	8.17
+	HYDROGRAPH AT	DLP2	117.	13.50	9.	2.	1.	8.17
+	HYDROGRAPH AT	DRLP2	1795.	13.50	743.	220.	106.	8.17
+	ROUTED TO	SRLP2	183.	18.00	170.	104.	57.	8.17
+	2 COMBINED AT	2LP2	176.	18.08	163.	101.	57.	11.22
+	ROUTED TO	RLP2	176.	18.25	163.	101.	56.	11.22
+	HYDROGRAPH AT	DC164A	1765.	13.17	360.	90.	44.	10.64
+	2 COMBINED AT	!LP3	1768.	13.17	444.	190.	100.	10.64
+	ROUTED TO	RLP3	1709.	13.25	442.	190.	100.	10.64
+	HYDROGRAPH AT	DC177A	430.	13.17	125.	33.	16.	3.58
+	2 COMBINED AT	!LP4	2169.	13.25	576.	228.	119.	3.58
+	ROUTED TO	RLP4	2145.	13.33	575.	228.	119.	3.58
+	HYDROGRAPH AT	D192A	220.	12.83	35.	9.	4.	.50
+	2 COMBINED AT	!LP5	2202.	13.33	590.	228.	119.	12.68

+	DIVERSION TO	DILP5	2175.	13.33	580.	223.	117.	12.68
+	HYDROGRAPH AT	DLP5	0.	.00	0.	0.	0.	12.68
+	2 COMBINED AT	1NRLP	0.	.00	0.	0.	0.	21.07
+	HYDROGRAPH AT	DRNR4	1684.	13.33	401.	108.	52.	5.78
+	HYDROGRAPH AT	DRLP5	2175.	13.33	580.	223.	117.	12.68
+	2 COMBINED AT	2NRLP	3597.	13.33	910.	305.	156.	21.07
+	DIVERSION TO	2DILP5	2547.	13.33	601.	186.	94.	21.07
+	HYDROGRAPH AT	2DLP5	1050.	13.33	309.	118.	62.	21.07
+	HYDROGRAPH AT	2DRLP5	2547.	13.33	601.	186.	94.	21.07
+	ROUTED TO	SRLP5	280.	14.83	215.	107.	59.	21.07
+	2 COMBINED AT	2LP5	1059.	13.33	488.	223.	121.	21.07
+	DIVERSION TO	4D209A	1059.	13.33	488.	223.	121.	21.07
+	HYDROGRAPH AT	DC192A	0.	.00	0.	0.	0.	21.07
+	2 COMBINED AT	2NR4	0.	.00	0.	0.	0.	21.07
+	ROUTED TO	RNR4	0.	.00	0.	0.	0.	21.07
+	HYDROGRAPH AT	192B	186.	12.75	31.	8.	4.	.26
+	ROUTED TO	R192B	171.	13.00	31.	8.	4.	.26
+	HYDROGRAPH AT	193B	261.	13.17	62.	16.	7.	.46
+	2 COMBINED AT	CP193B	388.	13.17	87.	22.	10.	18.89
+	ROUTED TO	R193B	383.	13.25	87.	22.	10.	18.89
+	HYDROGRAPH AT	192C	171.	12.83	30.	8.	4.	.26
+	DIVERSION TO	1D209	163.	12.83	30.	7.	4.	.26
+	HYDROGRAPH AT	1D192	8.	12.83	0.	0.	0.	.26
+	DIVERSION TO	1D210	0.	.00	0.	0.	0.	.26
+	HYDROGRAPH AT	2D192	8.	12.83	0.	0.	0.	.26
+	ROUTED TO	RNR5	2.	13.17	0.	0.	0.	.26
+	DIVERSION TO	DI211	2.	13.17	0.	0.	0.	.26

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          HYDROGRAPH AT
+                    1D193      0.   13.17        0.        0.        0.      .26
          HYDROGRAPH AT
+                     193C    258.   13.25       62.       16.        7.      .47
          2 COMBINED AT
+                   CP193C    241.   13.25       58.       15.        7.    19.61
          3 COMBINED AT
+                     !NR6    623.   13.25      145.       36.       17.    19.61
          HYDROGRAPH AT
+                    2D179      0.     .00        0.        0.        0.    18.17
          ROUTED TO
+                    2R179      0.     .00        0.        0.        0.    18.17
          HYDROGRAPH AT
+                     194A    210.   12.75       35.        9.        4.      .25
          2 COMBINED AT
+                   CP194A    196.   12.75       33.        8.        4.    18.17
          HYDROGRAPH AT
+                    1D179    654.   14.58      467.      169.       83.    18.17
          ROUTED TO
+                     RRM5    651.   14.67      466.      169.       83.    18.17
          2 COMBINED AT
+                     !RM6    654.   13.67      443.      160.       78.    36.17
          HYDROGRAPH AT
+                     194B    206.   12.75       35.        9.        4.      .27
          3 COMBINED AT
+                   !!194B   1241.   13.25      605.      202.       98.    36.42
          ROUTED TO
+                   !!S194    279.   17.33      269.      191.       98.    36.42
          ROUTED TO
+                    R194B    279.   17.42      269.      191.       98.    36.42
          HYDROGRAPH AT
+                     194E    169.   13.00       35.        9.        4.      .26
          2 COMBINED AT
+                   CP194E    278.   17.42      269.      198.      102.    36.67
          ROUTED TO
+                    R194E    278.   17.58      269.      197.      102.    36.67
          HYDROGRAPH AT
+                     194D    164.   13.00       34.        8.        4.      .24
          ROUTED TO
+                    R194D    156.   13.08       33.        8.        4.      .24
          HYDROGRAPH AT
+                     D180    408.   13.33      109.       27.       13.    30.29
          ROUTED TO
+                     R180    372.   14.50      106.       27.       13.    30.29
          HYDROGRAPH AT
+                     195B    166.   13.00       36.        9.        4.      .26
          HYDROGRAPH AT
+                     D181    239.   12.92       60.       15.        7.    30.66
          ROUTED TO
+                     R181    233.   12.92       60.       15.        7.    30.66
          2 COMBINED AT
+                   CP195B    383.   13.00       92.       23.       11.    31.16
          3 COMBINED AT
+                   !C195B    521.   13.00      222.       58.       28.    26.83
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+	ROUTED TO R195B	516.	13.08	222.	58.	28.	26.83
+	HYDROGRAPH AT 195C	148.	13.25	37.	9.	4.	.26
+	2 COMBINED AT !C195C	632.	13.08	256.	67.	32.	27.10
+	2 COMBINED AT CP195C	849.	13.17	483.	259.	131.	41.02
+	ROUTED TO R195C	820.	13.25	480.	258.	131.	41.02
+	HYDROGRAPH AT D182	86.	12.75	14.	4.	2.	38.46
+	ROUTED TO R182	57.	14.08	14.	4.	2.	38.46
+	HYDROGRAPH AT 196B	173.	12.92	33.	8.	4.	.28
+	2 COMBINED AT CP196B	165.	12.92	46.	12.	6.	13.00
+	DIVERSION TO D196B	165.	12.92	46.	12.	6.	13.00
+	HYDROGRAPH AT D196B	0.	.00	0.	0.	0.	13.00
+	HYDROGRAPH AT 196C	172.	13.17	39.	10.	5.	.28
+	2 COMBINED AT CP196C	163.	13.17	37.	10.	5.	13.30
+	2 COMBINED AT !C196C	946.	13.25	502.	260.	132.	51.58
+	ROUTED TO R196C	921.	13.42	500.	260.	132.	51.58
+	HYDROGRAPH AT DRRR6	544.	15.83	430.	171.	83.	11.67
+	ROUTED TO RRR5	543.	16.00	429.	170.	83.	11.67
+	HYDROGRAPH AT DRRR6	64.	13.42	14.	3.	2.	38.46
+	HYDROGRAPH AT 184A	220.	12.75	38.	9.	5.	.28
+	3 COMBINED AT !RR6	543.	15.92	449.	182.	89.	12.19
+	ROUTED TO RRR6	541.	16.17	447.	182.	88.	12.19
+	HYDROGRAPH AT 197A	197.	13.25	49.	13.	6.	.36
+	HYDROGRAPH AT DR196	165.	12.92	46.	12.	6.	13.00
+	ROUTED TO R196B	160.	13.00	46.	12.	6.	13.00
+	3 COMBINED AT !RR7	633.	13.58	509.	203.	99.	13.21
+	ROUTED TO SRRR7	505.	16.83	457.	194.	99.	13.21
+	HYDROGRAPH AT 197C	121.	13.25	30.	7.	4.	.14

	2 COMBINED AT						
+	2RR7	504.	16.83	464.	200.	102.	13.35
	ROUTED TO						
+	RRR7	504.	16.92	464.	200.	102.	13.35
	HYDROGRAPH AT						
+	DR202	244.	13.25	121.	35.	17.	42.06
	ROUTED TO						
+	R197	239.	13.33	121.	35.	17.	42.06
	2 COMBINED AT						
+	!RR8	671.	15.17	561.	234.	119.	15.10
	ROUTED TO						
+	RRR8	670.	15.25	561.	234.	119.	15.10
	HYDROGRAPH AT						
+	202A	216.	13.25	52.	13.	6.	.38
	3 COMBINED AT						
+	!C202A	1536.	13.42	1044.	492.	252.	35.00
	ROUTED TO						
+	R202A	1536.	13.42	1044.	492.	252.	35.00
	HYDROGRAPH AT						
+	202B	69.	12.92	14.	3.	2.	.10
	2 COMBINED AT						
+	!C202B	1565.	13.42	1047.	493.	252.	37.94
	ROUTED TO						
+	R202B	1537.	13.50	1042.	491.	251.	37.94
	2 COMBINED AT						
+	!!C204	1579.	13.67	1220.	555.	282.	57.76
	ROUTED TO						
+	R204	1575.	13.75	1219.	555.	282.	57.76
	HYDROGRAPH AT						
+	205	112.	12.08	6.	2.	1.	.06
	2 COMBINED AT						
+	!!C205	1575.	13.75	1219.	556.	282.	57.82
	ROUTED TO						
+	R205	1575.	13.75	1219.	556.	282.	57.82
	HYDROGRAPH AT						
+	206	182.	12.17	13.	3.	2.	.12
	2 COMBINED AT						
+	!!C206	1575.	13.75	1219.	558.	283.	58.31
	2 COMBINED AT						
+	RCP206	1701.	15.75	1503.	704.	355.	68.69
	ROUTED TO						
+	RR206	1694.	16.00	1491.	703.	355.	68.69
	HYDROGRAPH AT						
+	228A	129.	12.08	10.	3.	1.	.08
	2 COMBINED AT						
+	AFR2K	1694.	16.00	1491.	704.	356.	68.77
	ROUTED TO						
+	R228A	1657.	17.17	1463.	702.	355.	68.77
	HYDROGRAPH AT						
+	1D10	0.	.00	0.	0.	0.	10.87
	HYDROGRAPH AT						
+	2D10	0.	.00	0.	0.	0.	10.87
	2 COMBINED AT						
+	1I188	0.	.00	0.	0.	0.	11.08

	ROUTED TO							
+		R10	0.	.00	0.	0.	0.	11.08
	HYDROGRAPH AT							
+		188	256.	12.25	21.	5.	3.	.19
	2 COMBINED AT							
+		CP188	244.	12.25	20.	5.	2.	11.08
	ROUTED TO							
+		R188	196.	12.42	20.	5.	2.	11.08
	HYDROGRAPH AT							
+		207A	497.	12.42	53.	13.	6.	.50
	2 COMBINED AT							
+		CP207A	671.	12.42	70.	18.	8.	11.58
	ROUTED TO							
+		R207A	642.	12.50	70.	18.	8.	11.58
	HYDROGRAPH AT							
+		214	196.	12.25	17.	4.	2.	.16
	2 COMBINED AT							
+		CP214	738.	12.42	86.	22.	10.	11.74
	ROUTED TO							
+		R214	699.	12.50	86.	22.	10.	11.74
	HYDROGRAPH AT							
+		215A	453.	12.42	49.	12.	6.	.45
	ROUTED TO							
+		R215A	436.	12.50	49.	12.	6.	.45
	HYDROGRAPH AT							
+		215	383.	12.33	40.	10.	5.	.35
	2 COMBINED AT							
+		1I215	793.	12.42	88.	22.	11.	.80
	2 COMBINED AT							
+		2I215	1397.	12.42	170.	42.	20.	12.54
	DIVERSION TO							
+		1DI216	114.	12.42	3.	1.	0.	12.54
	HYDROGRAPH AT							
+		3I215	1284.	12.50	166.	42.	20.	12.54
	DIVERSION TO							
+		2DI216	755.	12.50	91.	23.	11.	12.54
	HYDROGRAPH AT							
+		4I215	529.	12.50	75.	19.	9.	12.54
	DIVERSION TO							
+		3DI216	0.	.00	0.	0.	0.	12.54
	HYDROGRAPH AT							
+		5I215	529.	12.50	75.	19.	9.	12.54
	DIVERSION TO							
+		4DI216	155.	12.50	19.	5.	2.	12.54
	HYDROGRAPH AT							
+		CP215	374.	12.50	57.	14.	7.	12.54
	ROUTED TO							
+		R215	357.	12.67	57.	14.	7.	12.54
	HYDROGRAPH AT							
+		233	464.	12.42	52.	13.	6.	.50
	2 COMBINED AT							
+		CP233	713.	12.50	105.	26.	13.	13.04
	ROUTED TO							
+		R233	620.	12.75	105.	26.	13.	13.04

+	HYDROGRAPH AT	216	321.	12.92	62.	16.	8.	.51
+	DIVERSION TO	1OL216	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1D216I	271.	12.92	40.	10.	5.	.51
+	DIVERSION TO	2OL216	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2D216I	221.	12.92	27.	7.	3.	.51
+	DIVERSION TO	3OL216	50.	12.42	11.	3.	1.	.51
+	HYDROGRAPH AT	3D216I	171.	12.92	16.	4.	2.	.51
+	DIVERSION TO	4OL216	50.	12.58	8.	2.	1.	.51
+	HYDROGRAPH AT	4D216I	121.	12.92	8.	2.	1.	.51
+	DIVERSION TO	5OL216	50.	12.75	5.	1.	1.	.51
+	HYDROGRAPH AT	5D216I	71.	12.92	3.	1.	0.	.51
+	HYDROGRAPH AT	1D215	114.	12.42	3.	1.	0.	12.54
+	DIVERSION TO	3D183	94.	12.42	3.	1.	0.	12.54
+	HYDROGRAPH AT	1DI186	20.	12.42	1.	0.	0.	12.54
+	2 COMBINED AT	1I216	71.	12.92	4.	1.	0.	13.58
+	DIVERSION TO	1DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	1D216	55.	12.92	3.	1.	0.	13.58
+	HYDROGRAPH AT	1216I	50.	12.08	22.	6.	3.	.51
+	HYDROGRAPH AT	1DI183	94.	12.42	3.	1.	0.	12.54
+	3 COMBINED AT	2I216	158.	12.42	27.	7.	4.	13.58
+	DIVERSION TO	4D183	114.	12.42	19.	5.	3.	13.58
+	HYDROGRAPH AT	2DI186	44.	12.42	7.	2.	1.	13.58
+	DIVERSION TO	2DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	2D216	44.	12.42	7.	2.	1.	13.58
+	HYDROGRAPH AT	2216I	50.	12.25	14.	3.	2.	.51
+	HYDROGRAPH AT	2DI183	114.	12.42	19.	5.	3.	13.58
+	3 COMBINED AT	3I216	208.	12.42	40.	11.	5.	13.58

+	DIVERSION TO	5D183	85.	12.42	16.	4.	2.	13.58
+	HYDROGRAPH AT	3DI186	122.	12.42	24.	6.	3.	13.58
+	DIVERSION TO	3DI217	0.	.00	0.	0.	0.	13.58
+	HYDROGRAPH AT	3D216	122.	12.42	24.	6.	3.	13.58
+	HYDROGRAPH AT	3216I	50.	12.42	11.	3.	1.	.51
+	HYDROGRAPH AT	3DI183	85.	12.42	16.	4.	2.	13.58
+	3 COMBINED AT	4I216	257.	12.42	51.	13.	6.	13.58
+	HYDROGRAPH AT	2D215	755.	12.50	91.	23.	11.	12.54
+	2 COMBINED AT	2I216	1010.	12.42	141.	36.	17.	13.58
+	HYDROGRAPH AT	3D215	0.	.00	0.	0.	0.	12.54
+	2 COMBINED AT	3I216	1010.	12.42	141.	36.	17.	13.58
+	DIVERSION TO	4DI217	4.	12.42	0.	0.	0.	13.58
+	HYDROGRAPH AT	4D216	1005.	12.42	141.	36.	17.	13.58
+	HYDROGRAPH AT	4D215	155.	12.50	19.	5.	2.	12.54
+	2 COMBINED AT	5I216	1160.	12.42	160.	41.	20.	13.58
+	HYDROGRAPH AT	4216I	50.	12.58	8.	2.	1.	.51
+	2 COMBINED AT	6I216	1191.	12.50	167.	42.	20.	13.58
+	DIVERSION TO	5DI217	362.	12.50	34.	9.	4.	13.58
+	HYDROGRAPH AT	5D216	829.	12.50	133.	34.	16.	13.58
+	HYDROGRAPH AT	5216I	50.	12.75	5.	1.	1.	.51
+	2 COMBINED AT	7I216	829.	12.50	137.	35.	17.	13.58
+	DIVERSION TO	6DI217	266.	12.50	35.	9.	4.	13.58
+	HYDROGRAPH AT	6D216	563.	12.50	102.	26.	13.	13.58
+	ROUTED TO	R216	546.	12.67	102.	26.	13.	13.58
+	HYDROGRAPH AT	234	297.	13.17	80.	24.	12.	.53
+	DIVERSION TO	234R	297.	13.17	55.	15.	7.	.53
+	HYDROGRAPH AT	234T	198.	13.58	32.	9.	4.	.53

	2 COMBINED AT						
+		1I234	572.	12.67	136.	36.	17.	1.04
	2 COMBINED AT						
+		CP234	1147.	12.67	232.	60.	29.	14.08
	DIVERSION TO						
+		1D248	447.	12.67	55.	14.	7.	14.08
	HYDROGRAPH AT						
+		D234	700.	12.67	178.	47.	22.	14.08
	ROUTED TO						
+		R234	595.	13.25	177.	47.	22.	14.08
	HYDROGRAPH AT						
+		207	473.	13.25	117.	31.	15.	1.00
	DIVERSION TO						
+		2D208	364.	13.25	90.	24.	11.	1.00
	HYDROGRAPH AT						
+		D207	109.	13.25	27.	7.	3.	1.00
	ROUTED TO						
+		R207	91.	13.92	27.	7.	3.	1.00
	HYDROGRAPH AT						
+		217	281.	13.00	61.	16.	8.	.49
	HYDROGRAPH AT						
+		1D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT						
+		2I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT						
+		2D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT						
+		3I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT						
+		3D216	0.	.00	0.	0.	0.	13.58
	2 COMBINED AT						
+		4I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT						
+		4D216	4.	12.42	0.	0.	0.	13.58
	2 COMBINED AT						
+		5I216	281.	13.00	61.	16.	8.	12.54
	HYDROGRAPH AT						
+		5D216	362.	12.50	34.	9.	4.	13.58
	2 COMBINED AT						
+		6I216	509.	12.50	92.	24.	11.	12.54
	HYDROGRAPH AT						
+		6D216	266.	12.50	35.	9.	4.	13.58
	2 COMBINED AT						
+		7I216	778.	12.50	128.	33.	16.	12.54
	ROUTED TO						
+		RD216	475.	13.17	127.	33.	16.	12.54
	2 COMBINED AT						
+		CP217	488.	13.17	151.	39.	19.	14.03
	DIVERSION TO						
+		DI218	107.	13.17	46.	12.	6.	14.03
	HYDROGRAPH AT						
+		D217	381.	13.17	105.	27.	13.	14.03
	ROUTED TO						
+		R217	369.	13.67	105.	27.	13.	14.03

+	HYDROGRAPH AT	235	262.	13.17	72.	22.	11.	.47
+	DIVERSION TO	235R	262.	13.17	72.	22.	10.	.47
+	HYDROGRAPH AT	235T	2.	18.92	2.	0.	0.	.47
+	2 COMBINED AT	1I235	396.	13.67	112.	29.	14.	1.96
+	2 COMBINED AT	CP235	877.	13.50	278.	73.	35.	16.04
+	DIVERSION TO	2D248	456.	13.50	123.	31.	15.	16.04
+	HYDROGRAPH AT	D235	422.	13.50	155.	42.	20.	16.04
+	ROUTED TO	R235	397.	14.00	153.	42.	20.	16.04
+	HYDROGRAPH AT	D191	0.	.00	0.	0.	0.	5.28
+	ROUTED TO	R191	0.	.00	0.	0.	0.	5.28
+	HYDROGRAPH AT	208	492.	13.17	117.	31.	15.	1.00
+	2 COMBINED AT	1I208	471.	13.17	112.	29.	14.	13.18
+	HYDROGRAPH AT	D207	364.	13.25	90.	24.	11.	1.00
+	ROUTED TO	R207	320.	13.75	90.	24.	11.	1.00
+	2 COMBINED AT	CP208	621.	13.25	196.	52.	25.	14.18
+	DIVERSION TO	1D219	404.	13.25	132.	35.	17.	14.18
+	HYDROGRAPH AT	1D208	217.	13.25	64.	17.	8.	14.18
+	DIVERSION TO	DI209A	217.	13.25	64.	17.	8.	14.18
+	HYDROGRAPH AT	2D208	0.	13.25	0.	0.	0.	14.18
+	ROUTED TO	R208	0.	13.92	0.	0.	0.	14.18
+	HYDROGRAPH AT	218	489.	13.25	119.	31.	15.	1.00
+	2 COMBINED AT	1I218	463.	13.25	113.	29.	14.	15.18
+	HYDROGRAPH AT	D217	107.	13.17	46.	12.	6.	14.03
+	ROUTED TO	R217	103.	13.92	46.	12.	6.	14.03
+	2 COMBINED AT	CP218	475.	13.25	155.	41.	20.	15.67
+	DIVERSION TO	DI237	306.	13.25	114.	31.	15.	15.67
+	HYDROGRAPH AT	1D218	169.	13.25	41.	10.	5.	15.67

+	DIVERSION TO	2D219	40.	13.25	10.	2.	1.	15.67
+	HYDROGRAPH AT	2D218	129.	13.25	32.	8.	4.	15.67
+	ROUTED TO	R218	118.	13.58	32.	8.	4.	15.67
+	HYDROGRAPH AT	236	516.	13.25	128.	32.	15.	1.00
+	2 COMBINED AT	1I236	573.	13.33	153.	38.	18.	16.67
+	2 COMBINED AT	CP236	750.	13.42	292.	77.	37.	26.34
+	DIVERSION TO	DI249	158.	13.42	36.	9.	4.	26.34
+	HYDROGRAPH AT	1D236	593.	13.42	256.	68.	33.	26.34
+	DIVERSION TO	1D250	241.	13.42	65.	16.	8.	26.34
+	HYDROGRAPH AT	2D236	352.	13.42	190.	52.	25.	26.34
+	ROUTED TO	R236	350.	13.67	190.	52.	25.	26.34
+	HYDROGRAPH AT	DC192A	1059.	13.33	488.	223.	121.	21.07
+	ROUTED TO	RLP5	1035.	13.42	487.	223.	121.	21.07
+	HYDROGRAPH AT	209A	276.	13.08	60.	15.	7.	.50
+	HYDROGRAPH AT	1D208	217.	13.25	64.	17.	8.	14.18
+	ROUTED TO	R208	198.	13.42	63.	17.	8.	14.18
+	3 COMBINED AT	!LP6	1463.	13.42	628.	269.	144.	14.68
+	DIVERSION TO	3D220	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT	1D209A	1463.	13.42	628.	269.	144.	14.68
+	DIVERSION TO	4D209	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT	2D209A	1463.	13.42	628.	269.	144.	14.68
+	ROUTED TO	RLP6	1431.	13.50	627.	268.	143.	14.68
+	HYDROGRAPH AT	2D208	404.	13.25	132.	35.	17.	14.18
+	ROUTED TO	R208	357.	15.08	123.	35.	17.	14.18
+	HYDROGRAPH AT	219	278.	13.08	60.	15.	7.	.50
+	2 COMBINED AT	1I219	364.	15.08	164.	49.	24.	14.68
+	2 COMBINED AT	2I219	1590.	13.50	783.	315.	166.	15.18

	HYDROGRAPH AT						
+		2D218	40.	13.25	10.	2.	1.	15.67
	ROUTED TO						
+		R218	35.	14.08	10.	2.	1.	15.67
	2 COMBINED AT						
+		!LP7	1603.	13.50	788.	315.	166.	16.67
	DIVERSION TO						
+		DI238	0.	.00	0.	0.	0.	16.67
	HYDROGRAPH AT						
+		1D219	1595.	13.50	783.	313.	165.	16.67
	DIVERSION TO						
+		2D220	0.	.00	0.	0.	0.	16.67
	HYDROGRAPH AT						
+		2D219	1595.	13.50	783.	313.	165.	16.67
	ROUTED TO						
+		RLP7	1563.	13.58	781.	312.	165.	16.67
	HYDROGRAPH AT						
+		1D218	306.	13.25	114.	31.	15.	15.67
	ROUTED TO						
+		R218	277.	14.08	111.	31.	15.	15.67
	HYDROGRAPH AT						
+		237	280.	13.25	68.	17.	8.	.50
	2 COMBINED AT						
+		1I237	384.	13.92	168.	47.	23.	16.17
	2 COMBINED AT						
+		2I237	1894.	13.58	940.	357.	186.	17.17
	2 COMBINED AT						
+		!LP8	2146.	13.67	1070.	383.	199.	27.84
	DIVERSION TO						
+		2D250	0.	.00	0.	0.	0.	27.84
	HYDROGRAPH AT						
+		1D237	2146.	13.67	1070.	383.	199.	27.84
	DIVERSION TO						
+		1D250A	0.	.00	0.	0.	0.	27.84
	HYDROGRAPH AT						
+		2D237	2146.	13.67	1070.	383.	199.	27.84
	ROUTED TO						
+		R237	2139.	13.67	1069.	383.	199.	27.84
	HYDROGRAPH AT						
+		1D192	163.	12.83	30.	7.	4.	.26
	ROUTED TO						
+		R192	118.	13.50	30.	7.	4.	.26
	HYDROGRAPH AT						
+		209	308.	13.08	66.	16.	8.	.50
	2 COMBINED AT						
+		1I209	339.	13.08	91.	23.	11.	13.68
	HYDROGRAPH AT						
+		2D209A	0.	.00	0.	0.	0.	14.68
	ROUTED TO						
+		R209A	0.	.00	0.	0.	0.	14.68
	2 COMBINED AT						
+		CP209	339.	13.08	91.	23.	11.	16.18
	DIVERSION TO						
+		1D221	157.	13.08	48.	12.	6.	16.18

+	HYDROGRAPH AT	1D209	179.	13.08	42.	11.	5.	16.18
+	DIVERSION TO	2D210	53.	13.08	12.	3.	1.	16.18
+	HYDROGRAPH AT	2D209	126.	13.08	30.	8.	4.	16.18
+	ROUTED TO	R209	104.	14.00	30.	8.	4.	16.18
+	HYDROGRAPH AT	1D209A	0.	.00	0.	0.	0.	14.68
+	ROUTED TO	R209A	0.	.00	0.	0.	0.	14.68
+	HYDROGRAPH AT	220	281.	13.08	62.	15.	7.	.50
+	2 COMBINED AT	1I220	266.	13.08	58.	15.	7.	15.18
+	2 COMBINED AT	2I220	273.	13.08	88.	22.	11.	16.68
+	HYDROGRAPH AT	2D219	0.	.00	0.	0.	0.	16.67
+	ROUTED TO	R219	0.	.00	0.	0.	0.	16.67
+	2 COMBINED AT	CP220	273.	13.08	88.	22.	11.	18.17
+	DIVERSION TO	DI239	198.	13.08	64.	16.	8.	18.17
+	HYDROGRAPH AT	1D220	73.	13.08	24.	6.	3.	18.17
+	DIVERSION TO	2D221	64.	13.08	21.	5.	2.	18.17
+	HYDROGRAPH AT	D220	9.	13.08	3.	1.	0.	18.17
+	ROUTED TO	R220	7.	15.08	3.	1.	0.	18.17
+	HYDROGRAPH AT	1D219	0.	.00	0.	0.	0.	16.67
+	ROUTED TO	R219	0.	.00	0.	0.	0.	16.67
+	HYDROGRAPH AT	238	301.	13.17	69.	17.	8.	.50
+	2 COMBINED AT	1I238	285.	13.17	65.	16.	8.	17.17
+	2 COMBINED AT	2I238	284.	13.17	68.	17.	8.	18.67
+	2 COMBINED AT	!CM1	2282.	13.67	1118.	395.	205.	30.06
+	ROUTED TO	SRCM1	209.	22.50	206.	160.	91.	30.06
+	DIVERSION TO	1DLP9	150.	19.00	150.	133.	78.	30.06
+	HYDROGRAPH AT	DSRCM1	59.	22.50	56.	27.	13.	30.06
+	DIVERSION TO	2D250A	0.	.00	0.	0.	0.	30.06

+	HYDROGRAPH AT	1D238	59.	22.50	56.	27.	13.	30.06
+	DIVERSION TO	1D251	0.	.00	0.	0.	0.	30.06
+	HYDROGRAPH AT	2D238	59.	22.50	56.	27.	13.	30.06
+	ROUTED TO	R238	59.	22.67	56.	27.	13.	30.06
+	HYDROGRAPH AT	2D192	0.	.00	0.	0.	0.	.26
+	ROUTED TO	R192	0.	.00	0.	0.	0.	.26
+	HYDROGRAPH AT	210	263.	13.08	58.	15.	7.	.46
+	2 COMBINED AT	1I210	249.	13.08	55.	14.	7.	13.64
+	HYDROGRAPH AT	2D209	53.	13.08	12.	3.	1.	16.18
+	ROUTED TO	R209	46.	13.75	12.	3.	1.	16.18
+	2 COMBINED AT	CP210	256.	13.08	66.	17.	8.	16.58
+	ROUTED TO	R210	224.	13.92	66.	17.	8.	16.58
+	HYDROGRAPH AT	1D209	157.	13.08	48.	12.	6.	16.18
+	ROUTED TO	R209	99.	15.83	42.	12.	6.	16.18
+	HYDROGRAPH AT	221	269.	13.08	61.	15.	7.	.48
+	2 COMBINED AT	1I221	252.	13.08	87.	26.	13.	16.66
+	2 COMBINED AT	2I221	332.	13.75	153.	44.	21.	17.06
+	HYDROGRAPH AT	D220	64.	13.08	21.	5.	2.	18.17
+	ROUTED TO	R220	51.	13.83	21.	5.	2.	18.17
+	2 COMBINED AT	CP221	379.	13.75	172.	48.	23.	19.11
+	ROUTED TO	R221	344.	14.92	171.	48.	23.	19.11
+	HYDROGRAPH AT	1D220	198.	13.08	64.	16.	8.	18.17
+	ROUTED TO	R220	123.	16.08	54.	16.	8.	18.17
+	HYDROGRAPH AT	239	289.	13.08	64.	16.	8.	.48
+	2 COMBINED AT	1I239	270.	13.08	95.	31.	15.	18.65
+	2 COMBINED AT	2I239	353.	14.83	259.	79.	38.	19.59
+	2 COMBINED AT	!CM2	336.	14.83	254.	102.	49.	31.48

+	DIVERSION TO	2D251	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	1D239	336.	14.83	254.	102.	49.	31.48
+	DIVERSION TO	DI252	0.	.00	0.	0.	0.	31.48
+	HYDROGRAPH AT	2D239	336.	14.83	254.	102.	49.	31.48
+	ROUTED TO	RCM2	334.	15.00	254.	102.	49.	31.48
+	HYDROGRAPH AT	240	266.	13.00	54.	14.	6.	.40
+	2 COMBINED AT	!CM3	471.	13.08	295.	113.	55.	31.88
+	ROUTED TO	RCM3	458.	13.33	293.	113.	55.	31.88
+	HYDROGRAPH AT	213	351.	12.50	45.	12.	6.	.35
+	ROUTED TO	R213	211.	13.42	45.	12.	6.	.35
+	HYDROGRAPH AT	212	268.	13.42	74.	18.	9.	.54
+	ROUTED TO	SR212	187.	13.83	46.	12.	6.	.54
+	2 COMBINED AT	CP212	298.	13.75	78.	20.	10.	37.23
+	ROUTED TO	R212	260.	14.67	76.	20.	10.	37.23
+	HYDROGRAPH AT	1D193	2.	13.17	0.	0.	0.	.26
+	ROUTED TO	R193	0.	27.33	0.	0.	0.	.26
+	HYDROGRAPH AT	211	282.	13.08	63.	16.	8.	.49
+	2 COMBINED AT	CP211	268.	13.08	60.	15.	7.	13.87
+	ROUTED TO	R211	187.	14.42	59.	15.	7.	13.87
+	HYDROGRAPH AT	221A	159.	13.25	39.	10.	5.	.31
+	2 COMBINED AT	1I221A	244.	14.25	99.	26.	12.	.80
+	ROUTED TO	SR221A	240.	14.33	85.	22.	10.	.80
+	2 COMBINED AT	CP221A	449.	14.58	147.	39.	19.	38.03
+	ROUTED TO	R221A	416.	15.17	144.	39.	19.	38.03
+	HYDROGRAPH AT	222	519.	13.58	165.	46.	22.	1.10
+	2 COMBINED AT	CP222	506.	15.08	275.	80.	38.	39.13
+	ROUTED TO	R222	475.	15.75	271.	80.	38.	39.13

+	2 COMBINED AT	!CM4	770.	15.58	558.	189.	92.	34.67
+	HYDROGRAPH AT	226	1458.	12.33	189.	56.	27.	1.18
+	ROUTED TO	SR226	474.	12.75	181.	56.	27.	1.18
+	ROUTED TO	R226	386.	15.25	180.	56.	27.	1.18
+	HYDROGRAPH AT	201	379.	12.33	39.	10.	5.	.34
+	ROUTED TO	R201	196.	13.83	39.	10.	5.	.34
+	HYDROGRAPH AT	223	1703.	12.42	316.	106.	51.	1.26
+	2 COMBINED AT	1I223	1700.	12.42	350.	115.	56.	1.60
+	2 COMBINED AT	CP223	1554.	12.42	446.	152.	74.	54.67
+	ROUTED TO	R223	1442.	12.67	445.	152.	74.	54.67
+	HYDROGRAPH AT	224	1022.	12.33	111.	29.	14.	.80
+	2 COMBINED AT	!BD1N	2125.	12.50	603.	197.	96.	3.58
+	ROUTED TO	RBD1N	2125.	12.50	603.	197.	96.	3.58
+	HYDROGRAPH AT	241	1455.	12.50	193.	52.	25.	1.51
+	2 COMBINED AT	1I241	3136.	12.50	702.	222.	108.	56.98
+	2 COMBINED AT	!BD2N	3346.	12.50	1229.	405.	199.	39.76
+	ROUTED TO	RBD2N	3152.	12.67	1222.	405.	199.	39.76
+	HYDROGRAPH AT	253	487.	13.00	165.	49.	24.	1.01
+	DIVERSION TO	253R	487.	13.00	125.	34.	16.	1.01
+	HYDROGRAPH AT	253T	283.	13.92	55.	16.	8.	1.01
+	2 COMBINED AT	1I253	3152.	12.67	1254.	413.	201.	79.75
+	HYDROGRAPH AT	253A	282.	12.33	31.	9.	4.	.25
+	DIVERSION TO	253AR	168.	12.08	10.	3.	1.	.25
+	HYDROGRAPH AT	253AT	282.	12.33	23.	6.	3.	.25
+	ROUTED TO	R253A	132.	13.25	22.	6.	3.	.25
+	2 COMBINED AT	!!I253	3152.	12.67	1272.	418.	204.	80.00
+	HYDROGRAPH AT	247	283.	13.08	64.	16.	8.	.50

+	DIVERSION TO	DI261	0.	.00	0.	0.	0.	.50
+	HYDROGRAPH AT	D247	283.	13.08	64.	16.	8.	.50
+	ROUTED TO	R247	252.	13.50	64.	16.	8.	.50
+	HYDROGRAPH AT	248	466.	13.25	116.	29.	14.	1.00
+	HYDROGRAPH AT	D234	447.	12.67	55.	14.	7.	14.08
+	ROUTED TO	R234	265.	13.50	55.	14.	7.	14.08
+	2 COMBINED AT	1I248	670.	13.33	164.	41.	20.	15.08
+	2 COMBINED AT	2I248	883.	13.42	223.	56.	27.	15.58
+	HYDROGRAPH AT	D235	456.	13.50	123.	31.	15.	16.04
+	ROUTED TO	R235	412.	14.17	123.	31.	15.	16.04
+	2 COMBINED AT	CP248	1087.	13.58	342.	86.	41.	17.54
+	DIVERSION TO	DI262	1023.	13.58	331.	83.	40.	17.54
+	HYDROGRAPH AT	D248	64.	13.58	11.	3.	1.	17.54
+	ROUTED TO	R248	50.	14.58	11.	3.	1.	17.54
+	HYDROGRAPH AT	249	514.	13.25	128.	32.	15.	1.00
+	2 COMBINED AT	1I249	484.	13.25	131.	33.	16.	18.54
+	HYDROGRAPH AT	1D236	158.	13.42	36.	9.	4.	26.34
+	ROUTED TO	R236	155.	13.92	36.	9.	4.	26.34
+	2 COMBINED AT	CP249	483.	13.33	164.	41.	20.	28.84
+	DIVERSION TO	DI264	46.	13.25	13.	3.	2.	28.84
+	HYDROGRAPH AT	D249	433.	13.25	149.	37.	18.	28.84
+	ROUTED TO	R249	415.	13.83	149.	37.	18.	28.84
+	HYDROGRAPH AT	2D236	241.	13.42	65.	16.	8.	26.34
+	ROUTED TO	R236	161.	16.83	57.	16.	8.	26.34
+	HYDROGRAPH AT	250	294.	13.08	65.	16.	8.	.49
+	2 COMBINED AT	1I250	270.	13.08	93.	31.	15.	26.83
+	HYDROGRAPH AT	SRCM1D	150.	19.00	150.	133.	78.	30.06

	ROUTED TO						
+	RLP8	150.	19.58	150.	133.	78.	30.06
	2 COMBINED AT						
+	2I250	269.	13.08	192.	149.	94.	28.33
	2 COMBINED AT						
+	!LP9	544.	13.58	278.	183.	110.	31.55
	DIVERSION TO						
+	DI265	544.	13.58	278.	183.	110.	31.55
	HYDROGRAPH AT						
+	D250	0.	.00	0.	0.	0.	31.55
	ROUTED TO						
+	R250	0.	.00	0.	0.	0.	31.55
	HYDROGRAPH AT						
+	2D237	0.	.00	0.	0.	0.	27.84
	ROUTED TO						
+	R237	0.	.00	0.	0.	0.	27.84
	HYDROGRAPH AT						
+	250A	296.	13.17	70.	18.	8.	.51
	2 COMBINED AT						
+	1I250A	234.	13.17	55.	14.	7.	328.35
	HYDROGRAPH AT						
+	1D238	0.	.00	0.	0.	0.	30.06
	ROUTED TO						
+	R238	0.	.00	0.	0.	0.	30.06
	2 COMBINED AT						
+	2I250A	270.	13.17	64.	16.	8.	30.85
	2 COMBINED AT						
+	!!250A	268.	13.17	64.	16.	8.	33.84
	ROUTED TO						
+	R250A	249.	13.42	64.	16.	8.	33.84
	HYDROGRAPH AT						
+	2D238	0.	.00	0.	0.	0.	30.06
	ROUTED TO						
+	R238	0.	.00	0.	0.	0.	30.06
	HYDROGRAPH AT						
+	251	307.	13.17	75.	20.	10.	.50
	DIVERSION TO						
+	251R	251.	12.92	29.	8.	4.	.50
	HYDROGRAPH AT						
+	251T	307.	13.17	49.	13.	6.	.50
	2 COMBINED AT						
+	1I251	278.	13.17	41.	11.	5.	30.84
	HYDROGRAPH AT						
+	1D239	0.	.00	0.	0.	0.	31.48
	ROUTED TO						
+	R239	0.	.00	0.	0.	0.	31.48
	2 COMBINED AT						
+	2I251	278.	13.17	41.	11.	5.	32.26
	2 COMBINED AT						
+	!!C251	485.	13.25	104.	27.	13.	35.76
	ROUTED TO						
+	R251	437.	13.75	103.	27.	13.	35.76
	HYDROGRAPH AT						
+	252	296.	13.17	78.	23.	11.	.50

+	DIVERSION TO	252R	296.	13.17	59.	16.	8.	.50
+	HYDROGRAPH AT	252T	149.	13.83	25.	7.	3.	.50
+	HYDROGRAPH AT	2D239	0.	.00	0.	0.	0.	31.48
+	ROUTED TO	R239	0.	.00	0.	0.	0.	31.48
+	3 COMBINED AT	!!C252	464.	13.75	118.	31.	15.	36.26
+	ROUTED TO	R252	214.	16.67	105.	31.	15.	36.26
+	2 COMBINED AT	!BD3N	3152.	12.67	1342.	451.	221.	42.53
+	ROUTED TO	RBD3N	2955.	12.92	1323.	447.	219.	42.53
+	HYDROGRAPH AT	267	1457.	12.42	201.	59.	28.	1.19
+	DIVERSION TO	267R	1457.	12.42	200.	58.	28.	1.19
+	HYDROGRAPH AT	267T	9.	23.33	4.	2.	1.	1.19
+	2 COMBINED AT	!BD4N	2955.	12.92	1323.	447.	219.	43.72
+	ROUTED TO	RBD4N	2838.	13.00	1312.	445.	218.	43.72
+	HYDROGRAPH AT	286	407.	12.83	108.	29.	14.	.70
+	DIVERSION TO	286R	357.	12.58	34.	9.	4.	.70
+	HYDROGRAPH AT	286T	407.	12.83	77.	20.	10.	.70
+	2 COMBINED AT	1I286	3112.	13.00	1342.	446.	218.	86.98
+	HYDROGRAPH AT	288	128.	13.25	34.	9.	5.	.22
+	DIVERSION TO	288R	113.	13.08	16.	4.	2.	.22
+	HYDROGRAPH AT	288T	123.	13.33	20.	5.	3.	.22
+	ROUTED TO	R288	100.	13.67	20.	5.	3.	.22
+	2 COMBINED AT	!BD1S	3177.	13.00	1389.	464.	227.	44.64
+	DIVERSION TO	DIBD1S	2366.	13.00	1019.	329.	161.	44.64
+	HYDROGRAPH AT	DBD1S	811.	13.00	371.	135.	66.	44.64
+	ROUTED TO	RBD1S	697.	13.33	365.	135.	66.	44.64
+	HYDROGRAPH AT	DRBD1S	2366.	13.00	1019.	329.	161.	44.64
+	HYDROGRAPH AT	287	214.	12.67	40.	12.	6.	.23

+	DIVERSION TO HYDROGRAPH AT	DI10C4	107.	12.67	20.	6.	3.	.23
+	2 COMBINED AT	DT10C4	107.	12.67	20.	6.	3.	.23
+	ROUTED TO	1BD1S	2425.	13.00	1030.	334.	163.	44.64
+	DIVERSION TO HYDROGRAPH AT	SRBD1S	1840.	13.42	953.	319.	154.	44.64
+	2 COMBINED AT	!ADOTD	478.	13.42	248.	83.	40.	44.64
+	HYDROGRAPH AT	D287	1361.	13.42	706.	236.	114.	44.64
+	DIVERSION TO HYDROGRAPH AT	1BD2S	2040.	13.42	1066.	367.	179.	46.36
+	ROUTED TO	283	84.	12.75	20.	5.	3.	.14
+	HYDROGRAPH AT	283R	67.	12.42	5.	1.	1.	.14
+	2 COMBINED AT	283T	84.	12.75	16.	4.	2.	.14
+	DIVERSION TO HYDROGRAPH AT	R283	71.	13.33	16.	4.	2.	.14
+	ROUTED TO	285B	81.	12.33	10.	3.	1.	.06
+	HYDROGRAPH AT	!10C1	72.	12.33	22.	6.	3.	36.31
+	2 COMBINED AT	DI297	0.	.00	0.	0.	0.	36.31
+	DIVERSION TO HYDROGRAPH AT	D285B	72.	12.33	22.	6.	3.	36.31
+	ROUTED TO	R10C1	64.	12.42	22.	6.	3.	36.31
+	HYDROGRAPH AT	266	1000.	12.42	142.	42.	20.	.85
+	DIVERSION TO HYDROGRAPH AT	266RET	1000.	12.42	142.	41.	20.	.85
+	ROUTED TO	266OUT	3.	17.75	2.	1.	0.	.85
+	HYDROGRAPH AT	R266	2.	20.25	2.	1.	0.	.85
+	DIVERSION TO HYDROGRAPH AT	284	205.	12.75	51.	14.	7.	.34
+	2 COMBINED AT	284R	202.	12.67	21.	5.	3.	.34
+	ROUTED TO	284T	205.	12.83	32.	8.	4.	.34
+	ROUTED TO	CP284	202.	12.83	32.	9.	4.	1.15
+	HYDROGRAPH AT	SR284	0.	.00	0.	0.	0.	1.15
+		R284	0.	.00	0.	0.	0.	1.15
+		285A	80.	12.33	10.	3.	1.	.06

+	2 COMBINED AT 1I285A	70.	12.33	9.	3.	1.	37.89
+	2 COMBINED AT !10C2	130.	12.33	30.	9.	4.	37.89
+	DIVERSION TO 1D297A	0.	.00	0.	0.	0.	37.89
+	HYDROGRAPH AT D285A	130.	12.33	30.	9.	4.	37.89
+	ROUTED TO R10C2	127.	12.42	30.	9.	4.	37.89
+	HYDROGRAPH AT 285	55.	12.33	7.	2.	1.	.04
+	2 COMBINED AT !10C3	170.	12.42	36.	10.	5.	37.93
+	DIVERSION TO 2D297A	0.	.00	0.	0.	0.	37.93
+	HYDROGRAPH AT D285	170.	12.42	36.	10.	5.	37.93
+	ROUTED TO R10C3	153.	12.58	36.	10.	5.	37.93
+	HYDROGRAPH AT DR10C4	107.	12.67	20.	6.	3.	.23
+	2 COMBINED AT !10C4	244.	12.58	54.	16.	8.	38.16
+	2 COMBINED AT !BD2S	2100.	13.33	1093.	382.	187.	46.36
+	ROUTED TO RBD2S	2097.	13.42	1092.	382.	187.	46.36
+	HYDROGRAPH AT 298	669.	12.75	127.	35.	17.	.84
+	DIVERSION TO 298R	438.	12.42	40.	11.	5.	.84
+	HYDROGRAPH AT 298T	669.	12.75	94.	25.	12.	.84
+	2 COMBINED AT !BD3S	2302.	13.33	1150.	401.	196.	47.20
+	ROUTED TO RBD3S	2205.	13.67	1140.	401.	196.	47.20
+	HYDROGRAPH AT 316	467.	13.17	115.	30.	15.	.82
+	DIVERSION TO 316R	264.	12.67	28.	7.	4.	.82
+	HYDROGRAPH AT 316T	467.	13.17	89.	23.	11.	.82
+	2 COMBINED AT !BD4S	2479.	13.58	1207.	419.	205.	48.02
+	ROUTED TO RBD4S	2409.	13.75	1197.	419.	205.	48.02
+	HYDROGRAPH AT 334	397.	12.50	69.	18.	9.	.62
+	DIVERSION TO 334R	168.	12.17	9.	2.	1.	.62
+	HYDROGRAPH AT 334T	397.	12.50	61.	15.	7.	.62

+	2 COMBINED AT 1I334	2417.	13.75	1197.	428.	208.	90.57
+	HYDROGRAPH AT D285	0.	.00	0.	0.	0.	37.93
+	ROUTED TO R285	0.	.00	0.	0.	0.	37.93
+	HYDROGRAPH AT D285A	0.	.00	0.	0.	0.	37.89
+	ROUTED TO R285A	0.	.00	0.	0.	0.	37.89
+	HYDROGRAPH AT 297A	202.	12.92	45.	13.	6.	.27
+	DIVERSION TO 297AR	195.	12.83	24.	7.	3.	.27
+	HYDROGRAPH AT 297AT	185.	13.00	24.	7.	3.	.27
+	2 COMBINED AT 1I297A	144.	13.08	19.	5.	3.	38.16
+	2 COMBINED AT CP297A	144.	13.08	19.	5.	3.	38.20
+	ROUTED TO R297A	70.	15.00	18.	5.	3.	38.20
+	HYDROGRAPH AT 315	257.	13.25	66.	18.	9.	.47
+	DIVERSION TO 315R	176.	12.92	22.	6.	3.	.47
+	HYDROGRAPH AT 315T	257.	13.25	47.	12.	6.	.47
+	2 COMBINED AT CP315	228.	13.25	57.	15.	7.	38.67
+	ROUTED TO R315	112.	15.17	51.	15.	7.	38.67
+	2 COMBINED AT !BD5S	2435.	13.75	1252.	446.	217.	49.38
+	ROUTED TO RBD5S	2395.	13.83	1247.	445.	217.	49.38
+	HYDROGRAPH AT 335	398.	12.67	77.	22.	11.	.43
+	2 COMBINED AT !BD6S	2430.	13.83	1264.	462.	227.	49.81
+	ROUTED TO R335	2415.	13.92	1263.	462.	227.	49.81
+	HYDROGRAPH AT 335A	107.	12.25	10.	2.	1.	.07
+	2 COMBINED AT CP335A	2415.	13.92	1263.	464.	228.	49.88
+	ROUTED TO R335A	2403.	14.00	1262.	464.	228.	49.88
+	HYDROGRAPH AT 299	325.	12.75	56.	15.	7.	.40
+	DIVERSION TO 299R	124.	12.17	7.	2.	1.	.40
+	HYDROGRAPH AT 299T	325.	12.75	50.	13.	6.	.40

+	ROUTED TO	R299	211.	14.25	50.	13.	6.	.40
+	HYDROGRAPH AT	317	323.	13.25	79.	20.	10.	.57
+	DIVERSION TO	317R	86.	12.25	5.	1.	1.	.57
+	HYDROGRAPH AT	317T	323.	13.25	75.	19.	9.	.57
+	2 COMBINED AT	CP317	321.	13.25	124.	31.	15.	.95
+	ROUTED TO	R317	292.	13.83	121.	31.	15.	.95
+	HYDROGRAPH AT	300	334.	12.83	70.	20.	10.	.39
+	ROUTED TO	R300	255.	14.17	69.	20.	10.	.39
+	HYDROGRAPH AT	318	598.	12.67	114.	35.	17.	.62
+	2 COMBINED AT	CP318	601.	12.67	175.	54.	26.	1.01
+	ROUTED TO	R318	553.	12.92	174.	54.	26.	1.01
+	HYDROGRAPH AT	301	550.	12.17	60.	19.	9.	.30
+	DIVERSION TO	301R	11.	9.58	7.	2.	1.	.30
+	HYDROGRAPH AT	301T	550.	12.17	60.	17.	8.	.30
+	ROUTED TO	R301	222.	13.83	59.	17.	8.	.30
+	HYDROGRAPH AT	319	595.	12.50	100.	31.	15.	.54
+	2 COMBINED AT	CP319	593.	12.50	150.	47.	23.	.84
+	ROUTED TO	R319	538.	12.83	149.	47.	23.	.84
+	HYDROGRAPH AT	337	748.	12.25	89.	27.	13.	.49
+	3 COMBINED AT	CP337	1163.	12.83	401.	126.	61.	2.34
+	ROUTED TO	SR337	375.	14.92	357.	126.	61.	2.34
+	DIVERSION TO	DI367	375.	14.92	357.	126.	61.	2.34
+	HYDROGRAPH AT	D337	0.	.00	0.	0.	0.	2.34
+	ROUTED TO	R337	0.	.00	0.	0.	0.	2.34
+	2 COMBINED AT	1I336	293.	13.83	121.	31.	15.	33.31
+	HYDROGRAPH AT	336	629.	13.92	256.	79.	38.	1.36
+	2 COMBINED AT	CP336	788.	13.92	315.	95.	46.	88.01

	ROUTED TO							
+		R336	782.	14.00	315.	95.	46.	88.01
	2 COMBINED AT							
+		BLRD2	2999.	14.00	1468.	523.	258.	94.97
	HYDROGRAPH AT							
+		336A	109.	13.50	47.	13.	6.	.37
	ROUTED TO							
+		R336A	108.	13.75	47.	13.	6.	.37
	HYDROGRAPH AT							
+		364A	92.	12.67	14.	4.	2.	.10
	2 COMBINED AT							
+		CP364A	138.	12.75	61.	16.	8.	.44
	2 COMBINED AT							
+		!!BRD3	3077.	14.00	1502.	535.	264.	97.93
	ROUTED TO							
+		RBLRD3	3052.	14.17	1501.	535.	264.	97.93
	HYDROGRAPH AT							
+		365	264.	12.83	48.	13.	6.	.38
	ROUTED TO							
+		R365	177.	14.50	46.	13.	6.	.38
	HYDROGRAPH AT							
+		364	305.	13.08	70.	17.	8.	.49
	2 COMBINED AT							
+		CP364	303.	13.08	111.	30.	14.	1.60
	ROUTED TO							
+		SR364	275.	13.25	100.	27.	13.	1.60
	3 COMBINED AT							
+		AFR6	3493.	14.17	2756.	1214.	610.	103.03
	HYDROGRAPH AT							
+		364B	146.	13.08	33.	8.	4.	.23
	ROUTED TO							
+		R364B	124.	14.08	33.	8.	4.	.23
	HYDROGRAPH AT							
+		363	343.	13.25	87.	22.	10.	.63
	2 COMBINED AT							
+		1I363	399.	13.33	119.	30.	14.	.86
	HYDROGRAPH AT							
+		314	368.	12.67	70.	20.	10.	.42
	DIVERSION TO							
+		314R	368.	12.67	39.	11.	5.	.42
	HYDROGRAPH AT							
+		314T	328.	12.83	36.	10.	5.	.42
	ROUTED TO							
+		R314	99.	15.25	33.	10.	5.	.42
	HYDROGRAPH AT							
+		333	611.	12.50	104.	32.	15.	.58
	DIVERSION TO							
+		333R	611.	12.50	92.	25.	12.	.58
	HYDROGRAPH AT							
+		333T	114.	13.25	21.	7.	3.	.58
	2 COMBINED AT							
+		CP333	114.	13.25	50.	16.	8.	1.00
	ROUTED TO							
+		R333	96.	16.17	49.	16.	8.	1.00

+	HYDROGRAPH AT	348A	212.	12.58	34.	10.	5.	.22
+	DIVERSION TO	348AR	212.	12.58	23.	6.	3.	.22
+	HYDROGRAPH AT	348AT	133.	12.83	13.	4.	2.	.22
+	2 COMBINED AT	CP348A	130.	12.83	57.	20.	10.	1.22
+	ROUTED TO	R348A	93.	16.58	55.	20.	10.	1.22
+	HYDROGRAPH AT	348B	420.	13.33	123.	35.	17.	.78
+	DIVERSION TO	348BR	89.	12.17	14.	4.	2.	.78
+	HYDROGRAPH AT	348BT	420.	13.33	117.	31.	15.	.78
+	2 COMBINED AT	CP348B	484.	13.33	166.	50.	24.	1.75
+	ROUTED TO	SR348B	437.	13.50	165.	50.	24.	1.75
+	ROUTED TO	R348B	382.	14.33	158.	50.	24.	1.75
+	2 COMBINED AT	1I363	620.	14.17	253.	79.	38.	2.38
+	HYDROGRAPH AT	348	269.	12.75	54.	15.	7.	.34
+	DIVERSION TO	348R	269.	12.75	31.	8.	4.	.34
+	HYDROGRAPH AT	348T	227.	12.92	27.	7.	3.	.34
+	ROUTED TO	SR348	183.	13.08	25.	7.	3.	.34
+	DIVERSION TO	DI347	0.	.00	0.	0.	0.	.34
+	HYDROGRAPH AT	D348	183.	13.08	25.	7.	3.	.34
+	ROUTED TO	R348	98.	14.00	23.	7.	4.	.34
+	2 COMBINED AT	CP363	700.	14.17	274.	86.	42.	2.58
+	ROUTED TO	R363	631.	14.92	273.	86.	42.	2.58
+	HYDROGRAPH AT	362	325.	12.83	60.	15.	7.	.42
+	2 COMBINED AT	1I362	631.	14.92	318.	101.	48.	3.14
+	HYDROGRAPH AT	265	98.	13.08	33.	8.	4.	.25
+	HYDROGRAPH AT	D250	544.	13.58	278.	183.	110.	31.55
+	ROUTED TO	RLP9	542.	13.67	277.	183.	110.	31.55
+	2 COMBINED AT	!LP10	612.	13.67	300.	189.	113.	33.58

+	DIVERSION TO	3D278	612.	13.67	300.	189.	113.	33.58
+	HYDROGRAPH AT	DCP265	0.	.00	0.	0.	0.	33.58
+	ROUTED TO	R265	0.	.00	0.	0.	0.	33.58
+	HYDROGRAPH AT	265A	515.	12.83	135.	36.	18.	.92
+	DIVERSION TO	165AR	262.	12.25	21.	6.	3.	.92
+	HYDROGRAPH AT	165AT	515.	12.83	119.	31.	15.	.92
+	2 COMBINED AT	CP265A	467.	12.83	106.	27.	13.	32.90
+	ROUTED TO	R265A	390.	14.00	103.	27.	13.	32.90
+	HYDROGRAPH AT	281	394.	13.00	132.	39.	19.	.85
+	DIVERSION TO	281R	394.	13.00	101.	27.	13.	.85
+	HYDROGRAPH AT	281T	196.	14.00	42.	12.	6.	.85
+	2 COMBINED AT	CP281	464.	14.00	134.	37.	18.	28.12
+	ROUTED TO	SR281	433.	14.42	121.	33.	16.	28.12
+	DIVERSION TO	DI280	33.	14.42	9.	3.	1.	28.12
+	HYDROGRAPH AT	D281	400.	14.42	112.	31.	15.	28.12
+	ROUTED TO	R281	396.	14.42	112.	31.	15.	28.12
+	HYDROGRAPH AT	282	154.	12.33	17.	4.	2.	.12
+	2 COMBINED AT	CP282	396.	14.42	119.	34.	17.	28.25
+	ROUTED TO	SR282	299.	15.00	119.	34.	17.	28.25
+	ROUTED TO	R282	291.	15.33	117.	34.	17.	28.25
+	HYDROGRAPH AT	296A	458.	12.42	65.	19.	9.	.39
+	2 COMBINED AT	CP296A	421.	12.42	169.	51.	25.	28.66
+	DIVERSION TO	296ART	421.	12.42	54.	14.	7.	28.66
+	HYDROGRAPH AT	296AOT	296.	15.33	128.	37.	18.	28.66
+	ROUTED TO	R296A	234.	17.25	119.	37.	18.	28.66
+	HYDROGRAPH AT	232	959.	12.42	105.	27.	13.	.93
+	DIVERSION TO	2D28	959.	12.42	105.	27.	13.	.93

+	HYDROGRAPH AT	D232	0.	.00	0.	0.	0.	.93
+	ROUTED TO	R232	0.	.00	0.	0.	0.	.93
+	HYDROGRAPH AT	246	706.	12.50	98.	27.	13.	.75
+	DIVERSION TO	246R	412.	12.17	27.	7.	3.	.75
+	HYDROGRAPH AT	246T	706.	12.50	76.	20.	9.	.75
+	2 COMBINED AT	CP246	700.	12.50	75.	19.	9.	1.68
+	ROUTED TO	R246	601.	12.75	75.	19.	9.	1.68
+	HYDROGRAPH AT	260	532.	12.33	56.	15.	7.	.50
+	2 COMBINED AT	CP260	767.	12.67	128.	34.	16.	2.18
+	ROUTED TO	R260	668.	13.00	128.	34.	16.	2.18
+	HYDROGRAPH AT	273	648.	12.42	74.	19.	9.	.65
+	2 COMBINED AT	!10W1	876.	12.50	200.	52.	25.	2.83
+	DIVERSION TO	1D292	0.	.00	0.	0.	0.	2.83
+	HYDROGRAPH AT	D273	876.	12.50	200.	52.	25.	2.83
+	ROUTED TO	R10W1	856.	12.58	200.	52.	25.	2.83
+	HYDROGRAPH AT	261	202.	13.17	48.	13.	6.	.41
+	HYDROGRAPH AT	D247	0.	.00	0.	0.	0.	.50
+	ROUTED TO	R247	0.	.00	0.	0.	0.	.50
+	2 COMBINED AT	CP261	202.	13.17	48.	13.	6.	.91
+	DIVERSION TO	DI277	74.	13.17	16.	4.	2.	.91
+	HYDROGRAPH AT	D261	126.	13.17	31.	8.	4.	.91
+	ROUTED TO	R261	109.	13.75	31.	8.	4.	.91
+	HYDROGRAPH AT	274	261.	13.50	73.	18.	9.	.66
+	2 COMBINED AT	1I274	347.	13.58	104.	27.	13.	1.57
+	2 COMBINED AT	!10W2	894.	12.58	283.	74.	36.	18.76
+	DIVERSION TO	2D292	0.	.00	0.	0.	0.	18.76
+	HYDROGRAPH AT	D274	894.	12.58	283.	74.	36.	18.76

+	ROUTED TO R10W2	884.	12.67	283.	74.	36.	18.76
+	HYDROGRAPH AT 275	117.	12.42	14.	3.	2.	.11
+	2 COMBINED AT !10W3	956.	12.58	295.	77.	37.	19.01
+	DIVERSION TO 1D293	0.	.00	0.	0.	0.	19.01
+	HYDROGRAPH AT D275	956.	12.58	295.	77.	37.	19.01
+	ROUTED TO R10W3	925.	12.75	295.	77.	37.	19.01
+	HYDROGRAPH AT 276	167.	13.00	33.	8.	4.	.26
+	2 COMBINED AT !10W4	1054.	12.83	325.	85.	41.	19.26
+	DIVERSION TO 2D293	0.	.00	0.	0.	0.	19.26
+	HYDROGRAPH AT D276	1054.	12.83	325.	85.	41.	19.26
+	ROUTED TO R10W4	1042.	12.92	325.	85.	41.	19.26
+	HYDROGRAPH AT D248	1023.	13.58	331.	83.	40.	17.54
+	ROUTED TO R248	1001.	13.92	330.	83.	40.	17.54
+	HYDROGRAPH AT 262	509.	13.25	121.	30.	15.	1.03
+	2 COMBINED AT CP262	1235.	13.83	440.	111.	53.	18.57
+	DIVERSION TO 1D278	422.	13.83	150.	38.	18.	18.57
+	HYDROGRAPH AT 1D262	813.	13.83	290.	73.	35.	18.57
+	DIVERSION TO DI263	569.	13.83	204.	52.	25.	18.57
+	HYDROGRAPH AT 2D262	244.	13.83	85.	21.	10.	18.57
+	ROUTED TO R262	230.	14.67	85.	21.	10.	18.57
+	HYDROGRAPH AT D261	74.	13.17	16.	4.	2.	.91
+	ROUTED TO R261	27.	20.08	16.	4.	2.	.91
+	HYDROGRAPH AT 277	495.	13.08	109.	28.	13.	.91
+	2 COMBINED AT 1I277	492.	13.08	108.	32.	15.	1.82
+	2 COMBINED AT 2I277	463.	13.08	180.	51.	24.	19.48
+	2 COMBINED AT !10W5	1483.	13.08	502.	135.	65.	20.76
+	DIVERSION TO 3D293	0.	.00	0.	0.	0.	20.76

+	HYDROGRAPH AT	D277	1483.	13.08	502.	135.	65.	20.76
+	ROUTED TO	R10W5	1483.	13.08	502.	135.	65.	20.76
+	HYDROGRAPH AT	279D	30.	12.17	2.	1.	0.	.02
+	2 COMBINED AT	!10W6	1483.	13.08	504.	135.	65.	21.06
+	DIVERSION TO	1D294	0.	.00	0.	0.	0.	21.06
+	HYDROGRAPH AT	D279D	1481.	13.08	504.	135.	65.	21.06
+	ROUTED TO	R10W6	1481.	13.08	504.	135.	65.	21.06
+	HYDROGRAPH AT	279C	129.	12.00	11.	4.	2.	.05
+	2 COMBINED AT	!10W7	1484.	13.08	511.	138.	67.	21.28
+	ROUTED TO	SR10W7	731.	14.00	508.	138.	67.	21.28
+	DIVERSION TO	2D294	0.	.00	0.	0.	0.	21.28
+	HYDROGRAPH AT	D279C	731.	14.00	508.	138.	67.	21.28
+	ROUTED TO	R10W7	731.	14.00	508.	138.	67.	21.28
+	HYDROGRAPH AT	279B	81.	12.00	8.	3.	1.	.03
+	2 COMBINED AT	!10W8	734.	14.00	513.	141.	68.	21.56
+	DIVERSION TO	1D294A	0.	.00	0.	0.	0.	21.56
+	HYDROGRAPH AT	D279B	734.	14.00	513.	141.	68.	21.56
+	ROUTED TO	R10W8	734.	14.00	513.	141.	68.	21.56
+	HYDROGRAPH AT	279A	177.	12.00	16.	5.	2.	.07
+	DIVERSION TO	279ART	177.	12.00	16.	5.	2.	.07
+	HYDROGRAPH AT	279AOT	0.	.00	0.	0.	0.	.07
+	2 COMBINED AT	!10W9	734.	14.00	513.	141.	68.	22.26
+	DIVERSION TO	2D294A	0.	.00	0.	0.	0.	22.26
+	HYDROGRAPH AT	D279A	733.	14.00	512.	140.	68.	22.26
+	ROUTED TO	R10W9	733.	14.00	512.	140.	68.	22.26
+	HYDROGRAPH AT	279	71.	12.25	6.	2.	1.	.05
+	2 COMBINED AT	!10W10	732.	14.00	517.	142.	68.	22.76

+	HYDROGRAPH AT 2D262	569.	13.83	204.	52.	25.	18.57
+	ROUTED TO R262	554.	14.17	203.	52.	25.	18.57
+	HYDROGRAPH AT 263	291.	13.08	63.	16.	8.	.50
+	2 COMBINED AT CP263	611.	14.00	260.	67.	32.	19.07
+	DIVERSIÒN TO 2D278	432.	14.00	184.	47.	23.	19.07
+	HYDROGRAPH AT D263	178.	14.00	76.	19.	9.	19.07
+	ROUTED TO R263	175.	14.33	76.	19.	9.	19.07
+	HYDROGRAPH AT D249	46.	13.25	13.	3.	2.	28.84
+	ROUTED TO R249	40.	14.58	13.	3.	2.	28.84
+	HYDROGRAPH AT 264	318.	13.00	66.	16.	8.	.50
+	2 COMBINED AT 1I264	290.	13.00	72.	18.	9.	29.34
+	2 COMBINED AT CP264	332.	13.08	144.	37.	18.	30.87
+	ROUTED TO R264	301.	14.17	137.	37.	18.	30.87
+	HYDROGRAPH AT 1D262	422.	13.83	150.	38.	18.	18.57
+	ROUTED TO R262	281.	16.08	149.	38.	18.	18.57
+	HYDROGRAPH AT D263	432.	14.00	184.	47.	23.	19.07
+	ROUTED TO R263	405.	15.33	173.	47.	23.	19.07
+	2 COMBINED AT 1I278	622.	15.92	322.	85.	41.	19.07
+	2 COMBINED AT 2I278	753.	15.83	439.	118.	57.	30.87
+	HYDROGRAPH AT 278	452.	13.33	115.	29.	14.	1.00
+	HYDROGRAPH AT DCP265	612.	13.67	300.	189.	113.	33.58
+	ROUTED TO RLP10	610.	13.75	300.	188.	113.	33.58
+	2 COMBINED AT !LP11	979.	13.33	390.	212.	124.	35.83
+	ROUTED TO RLP11	978.	13.33	390.	212.	124.	35.83
+	2 COMBINED AT !LP12	1037.	14.00	787.	328.	180.	36.00
+	2 COMBINED AT ILP12	1746.	14.00	1257.	458.	244.	38.55
+	ROUTED TO SRLP12	525.	18.50	446.	276.	156.	38.55

+	DIVERSION TO	3D294A	525.	18.50	446.	276.	156.	38.55
+	HYDROGRAPH AT	D279	0.	.00	0.	0.	0.	38.55
+	ROUTED TO	R279	0.	.00	0.	0.	0.	38.55
+	HYDROGRAPH AT	280	267.	13.33	68.	17.	8.	.61
+	HYDROGRAPH AT	D281	33.	14.42	9.	3.	1.	28.12
+	ROUTED TO	R281	32.	14.50	9.	3.	1.	28.12
+	2 COMBINED AT	1I280	267.	13.33	78.	20.	10.	36.47
+	2 COMBINED AT	CP280	231.	13.33	66.	17.	8.	43.77
+	ROUTED TO	SR280	150.	13.83	66.	17.	8.	43.77
+	ROUTED TO	R280	142.	15.08	66.	17.	8.	43.77
+	HYDROGRAPH AT	280A	50.	12.75	8.	2.	1.	.06
+	2 COMBINED AT	CP280A	142.	15.08	70.	19.	9.	43.83
+	ROUTED TO	SR280A	105.	16.42	30.	8.	4.	43.83
+	ROUTED TO	R280A	97.	17.00	30.	8.	4.	43.83
+	HYDROGRAPH AT	296	388.	12.58	64.	19.	9.	.38
+	2 COMBINED AT	CP296	343.	12.58	72.	24.	12.	44.21
+	DIVERSION TO	296OUT	343.	12.58	67.	19.	9.	44.21
+	HYDROGRAPH AT	296RET	83.	17.50	21.	6.	3.	44.21
+	ROUTED TO	R296	33.	20.83	19.	6.	3.	44.21
+	HYDROGRAPH AT	312	413.	13.17	110.	33.	16.	.66
+	DIVERSION TO	312R	413.	13.17	92.	25.	12.	.66
+	HYDROGRAPH AT	312T	163.	14.00	28.	8.	4.	.66
+	3 COMBINED AT	CP312	233.	17.33	134.	47.	23.	47.40
+	ROUTED TO	R312	211.	19.17	127.	45.	22.	47.40
+	HYDROGRAPH AT	331	473.	13.08	110.	29.	14.	.75
+	DIVERSION TO	331R	268.	12.58	27.	7.	4.	.75
+	HYDROGRAPH AT	331T	473.	13.08	85.	22.	11.	.75

+	2 COMBINED AT	1I331	416.	13.08	129.	63.	30.	48.15
+	HYDROGRAPH AT	295A	106.	12.08	7.	2.	1.	.06
+	ROUTED TO	R295A	50.	13.17	7.	2.	1.	.06
+	HYDROGRAPH AT	311A	248.	12.92	49.	12.	6.	.31
+	2 COMBINED AT	CP311A	267.	12.92	56.	14.	7.	.37
+	ROUTED TO	R311A	233.	13.75	56.	14.	7.	.37
+	2 COMBINED AT	CP331	427.	13.08	133.	75.	36.	48.52
+	HYDROGRAPH AT	D279	525.	18.50	446.	276.	156.	38.55
+	ROUTED TO	RLP12	525.	18.58	446.	276.	156.	38.55
+	DIVERSION TO	DILP13	525.	18.58	446.	276.	156.	38.55
+	HYDROGRAPH AT	2DLP12	0.	.00	0.	0.	0.	38.55
+	HYDROGRAPH AT	294A	338.	12.25	30.	8.	4.	.26
+	2 COMBINED AT	1I294A	297.	12.25	26.	7.	3.	36.40
+	HYDROGRAPH AT	D279B	0.	.00	0.	0.	0.	21.56
+	ROUTED TO	R279B	0.	.00	0.	0.	0.	21.56
+	2 COMBINED AT	2I294A	297.	12.25	26.	7.	3.	36.40
+	HYDROGRAPH AT	D279A	0.	.00	0.	0.	0.	22.26
+	ROUTED TO	R279A	0.	.00	0.	0.	0.	22.26
+	2 COMBINED AT	R279A	297.	12.25	26.	7.	3.	36.40
+	ROUTED TO	SR294A	295.	12.33	18.	5.	2.	36.40
+	ROUTED TO	R294A	152.	12.58	18.	5.	2.	36.40
+	HYDROGRAPH AT	295	486.	12.25	53.	15.	7.	.31
+	DIVERSION TO	295RET	187.	11.92	10.	3.	1.	.31
+	HYDROGRAPH AT	295OUT	486.	12.25	46.	12.	6.	.31
+	HYDROGRAPH AT	2DLP12	525.	18.58	446.	276.	156.	38.55
+	3 COMBINED AT	!LP13	523.	18.58	445.	276.	162.	39.62
+	ROUTED TO	RLP13	523.	18.67	445.	276.	162.	39.62

+	HYDROGRAPH AT	311	398.	13.33	108.	29.	14.	.73
+	DIVERSION TO	311R	335.	13.08	46.	12.	6.	.73
+	HYDROGRAPH AT	311T	398.	13.33	67.	17.	8.	.73
+	2 COMBINED AT	!LP14	524.	18.67	446.	282.	168.	40.35
+	ROUTED TO	SRLP14	397.	21.42	371.	253.	142.	40.35
+	ROUTED TO	RLP14	396.	21.50	371.	253.	141.	40.35
+	HYDROGRAPH AT	330	503.	12.67	89.	25.	12.	.59
+	DIVERSION TO	330R	503.	12.67	58.	15.	7.	.59
+	HYDROGRAPH AT	330T	357.	12.92	36.	10.	5.	.59
+	2 COMBINED AT	1I330	406.	21.42	378.	256.	146.	38.03
+	2 COMBINED AT	!LP15	658.	13.08	483.	299.	178.	45.87
+	ROUTED TO	RLP15	635.	13.17	483.	298.	178.	45.87
+	HYDROGRAPH AT	346A	102.	13.00	21.	5.	3.	.16
+	2 COMBINED AT	!LP16	719.	13.08	483.	301.	180.	46.03
+	ROUTED TO	SRLP16	336.	26.75	325.	243.	130.	46.03
+	DIVERSION TO	2D378	336.	26.75	325.	243.	130.	46.03
+	HYDROGRAPH AT	2DLP16	0.	.00	0.	0.	0.	46.03
+	DIVERSION TO	DI346C	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT	D346A	0.	.00	0.	0.	0.	46.03
+	ROUTED TO	R346A	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT	D285B	0.	.00	0.	0.	0.	36.31
+	ROUTED TO	R285B	0.	.00	0.	0.	0.	36.31
+	HYDROGRAPH AT	297	211.	13.17	51.	14.	7.	.38
+	DIVERSION TO	297R	172.	12.92	20.	5.	3.	.38
+	HYDROGRAPH AT	297T	211.	13.17	33.	9.	4.	.38
+	2 COMBINED AT	CP297	187.	13.17	27.	7.	3.	36.74
+	ROUTED TO	SR297	0.	.00	0.	0.	0.	36.74

+	ROUTED TO	R297	0.	.00	0.	0.	0.	36.74
+	HYDROGRAPH AT	313	698.	12.17	78.	24.	11.	.43
+	DIVERSION TO	313R	698.	12.17	69.	18.	9.	.43
+	HYDROGRAPH AT	313T	102.	12.67	16.	5.	2.	.43
+	2 COMBINED AT	CP313	18.	12.67	8.	3.	1.	37.12
+	ROUTED TO	R313	11.	15.83	7.	3.	1.	37.12
+	HYDROGRAPH AT	332	319.	13.17	80.	22.	11.	.56
+	DIVERSION TO	332R	238.	12.92	30.	8.	4.	.56
+	HYDROGRAPH AT	332T	319.	13.17	54.	14.	7.	.56
+	2 COMBINED AT	CP332	283.	13.17	51.	14.	7.	37.68
+	ROUTED TO	R332	132.	15.00	49.	14.	7.	37.68
+	HYDROGRAPH AT	347	544.	13.08	118.	30.	14.	1.02
+	2 COMBINED AT	1I347	481.	13.08	145.	41.	20.	38.70
+	2 COMBINED AT	2I347	469.	13.08	140.	39.	19.	52.64
+	HYDROGRAPH AT	D348	0.	.00	0.	0.	0.	.34
+	ROUTED TO	R348	0.	.00	0.	0.	0.	.34
+	2 COMBINED AT	CP347	469.	13.08	140.	39.	19.	52.98
+	ROUTED TO	SR347	451.	13.17	140.	39.	19.	52.98
+	ROUTED TO	R347	378.	13.92	133.	39.	19.	52.98
+	2 COMBINED AT	CP362	808.	13.92	470.	147.	71.	5.70
+	ROUTED TO	SR362	740.	15.08	407.	128.	61.	5.70
+	ROUTED TO	R362	702.	16.83	399.	128.	61.	5.70
+	HYDROGRAPH AT	378	415.	13.42	117.	29.	14.	.78
+	HYDROGRAPH AT	2DLP16	336.	26.75	325.	243.	130.	46.03
+	ROUTED TO	RLP16	336.	27.00	325.	243.	129.	46.03
+	2 COMBINED AT	!LP17	386.	25.92	371.	271.	159.	46.81
+	3 COMBINED AT	AFR11	3557.	14.17	2941.	1391.	729.	151.98

+	HYDROGRAPH AT	225	488.	12.42	74.	22.	11.	.43
+	DIVERSION TO	225R	488.	12.42	50.	14.	6.	.43
+	HYDROGRAPH AT	225T	345.	12.67	30.	8.	4.	.43
+	HYDROGRAPH AT	225A	457.	12.42	59.	17.	8.	.37
+	DIVERSION TO	225AR	394.	12.25	27.	7.	3.	.37
+	HYDROGRAPH AT	225AT	457.	12.42	36.	10.	5.	.37
+	2 COMBINED AT	CP225	594.	12.67	65.	18.	8.	.80
+	ROUTED TO	SR225	30.	13.75	26.	16.	8.	.80
+	ROUTED TO	R225	30.	14.83	26.	15.	8.	.80
+	HYDROGRAPH AT	242	1187.	12.17	117.	35.	17.	.71
+	DIVERSION TO	242R	1187.	12.17	80.	22.	10.	.71
+	HYDROGRAPH AT	242T	734.	12.33	47.	13.	6.	.71
+	2 COMBINED AT	!!C242	727.	12.33	65.	28.	14.	1.94
+	ROUTED TO	R242	454.	12.50	63.	27.	14.	1.94
+	HYDROGRAPH AT	243A	353.	12.08	30.	9.	4.	.18
+	DIVERSION TO	243AR	353.	12.08	28.	7.	4.	.18
+	HYDROGRAPH AT	243AT	18.	12.42	5.	2.	1.	.18
+	2 COMBINED AT	!!243A	460.	12.50	67.	29.	15.	1.81
+	ROUTED TO	R243A	330.	12.67	65.	29.	15.	1.81
+	HYDROGRAPH AT	227	333.	12.25	32.	8.	4.	.23
+	DIVERSION TO	227R	193.	12.00	9.	2.	1.	.23
+	HYDROGRAPH AT	227T	333.	12.25	24.	6.	3.	.23
+	ROUTED TO	R227	227.	12.67	24.	6.	3.	.23
+	HYDROGRAPH AT	228	326.	12.33	32.	8.	4.	.28
+	ROUTED TO	R228	288.	12.58	32.	8.	4.	.28
+	HYDROGRAPH AT	229	750.	12.17	73.	21.	10.	.51
+	3 COMBINED AT	CP229	789.	12.25	127.	34.	17.	1.02

+	DIVERSION TO HYDROGRAPH AT	1D230	171.	12.25	28.	7.	4.	1.02
+		1D229	617.	12.25	99.	27.	13.	1.02
+	DIVERSION TO HYDROGRAPH AT	DI231	157.	12.25	25.	7.	3.	1.02
+		2D229	461.	12.25	74.	20.	10.	1.02
+	ROUTED TO HYDROGRAPH AT	R229	423.	12.50	74.	20.	10.	1.02
+		230A	291.	12.17	22.	6.	3.	.18
+	2 COMBINED AT DIVERSION TO HYDROGRAPH AT	CP230A	539.	12.25	95.	26.	12.	1.20
+		2D230	472.	12.25	81.	21.	10.	1.20
+		D230A	67.	12.25	14.	4.	2.	1.20
+	ROUTED TO HYDROGRAPH AT	R230A	61.	12.75	14.	4.	2.	1.20
+		244A	227.	12.08	16.	4.	2.	.11
+	DIVERSION TO HYDROGRAPH AT	244AR	222.	12.00	11.	3.	1.	.11
+		244AT	156.	12.17	5.	1.	1.	.11
+	2 COMBINED AT ROUTED TO HYDROGRAPH AT	CP244A	154.	12.17	19.	5.	3.	1.51
+		R244A	55.	13.33	19.	5.	3.	1.51
+	DIVERSION TO HYDROGRAPH AT	244	135.	13.00	34.	10.	5.	.19
+		244R	135.	13.00	29.	8.	4.	.19
+	2 COMBINED AT HYDROGRAPH AT	244T	44.	13.83	9.	3.	1.	.19
+		1I244	88.	13.83	27.	8.	4.	1.50
+	ROUTED TO HYDROGRAPH AT	1D229	171.	12.25	28.	7.	4.	1.02
+		R229	158.	12.42	28.	7.	4.	1.02
+	2 COMBINED AT HYDROGRAPH AT	230	55.	12.33	7.	2.	1.	.04
+		1I230	208.	12.33	34.	9.	4.	1.06
+	ROUTED TO HYDROGRAPH AT	D230A	472.	12.25	81.	21.	10.	1.20
+		R230A	457.	12.33	81.	21.	10.	1.20
+	2 COMBINED AT ROUTED TO	CP230	665.	12.33	115.	31.	15.	1.24
+		R230	624.	12.50	115.	31.	15.	1.24

+	2 COMBINED AT	CP244	647.	12.50	140.	38.	19.	1.54
+	DIVERSION TO	DI245	585.	12.50	107.	27.	13.	1.54
+	HYDROGRAPH AT	D244	62.	12.50	33.	12.	6.	1.54
+	ROUTED TO	R244	61.	12.92	33.	12.	6.	1.54
+	HYDROGRAPH AT	244B	62.	12.50	11.	3.	2.	.06
+	DIVERSION TO	244BR	62.	12.50	9.	3.	1.	.06
+	HYDROGRAPH AT	244BT	15.	13.00	3.	1.	0.	.06
+	3 COMBINED AT	!!244B	387.	12.67	100.	40.	21.	1.60
+	ROUTED TO	R244B	377.	12.75	100.	40.	21.	1.60
+	HYDROGRAPH AT	2D229	157.	12.25	25.	7.	3.	1.02
+	ROUTED TO	R229	123.	12.92	25.	7.	3.	1.02
+	HYDROGRAPH AT	231	303.	12.42	33.	8.	4.	.35
+	2 COMBINED AT	CP231	318.	12.50	58.	15.	7.	1.37
+	ROUTED TO	R231	223.	13.75	57.	15.	7.	1.37
+	HYDROGRAPH AT	D244	585.	12.50	107.	27.	13.	1.54
+	ROUTED TO	R244	472.	13.50	107.	27.	13.	1.54
+	2 COMBINED AT	1I245	637.	13.67	162.	42.	20.	1.80
+	HYDROGRAPH AT	245	168.	12.83	34.	10.	5.	.24
+	DIVERSION TO	245RET	142.	12.67	15.	4.	2.	.24
+	HYDROGRAPH AT	245OUT	168.	12.83	21.	6.	3.	.24
+	3 COMBINED AT	!!C245	772.	13.67	278.	86.	43.	4.16
+	2 COMBINED AT	AFR121	3970.	14.17	3085.	1445.	756.	156.14
+	HYDROGRAPH AT	!!242A	229.	12.00	16.	5.	2.	.10
+	DIVERSION TO	242AR	65.	11.83	5.	1.	1.	.10
+	HYDROGRAPH AT	242AT	229.	12.00	13.	3.	2.	.10
+	ROUTED TO	R242A	115.	12.42	13.	3.	2.	.10
+	HYDROGRAPH AT	242B	669.	12.17	65.	19.	9.	.41

+	DIVERSION TO	242BR	618.	12.17	40.	11.	5.	.41
+	HYDROGRAPH AT	242BT	556.	12.25	31.	8.	4.	.41
+	2 COMBINED AT	!!242B	652.	12.25	43.	12.	6.	.40
+	ROUTED TO	R242B	527.	12.42	43.	12.	6.	.40
+	HYDROGRAPH AT	243B	132.	12.25	16.	5.	2.	.09
+	DIVERSION TO	243BR	132.	12.25	11.	3.	1.	.09
+	HYDROGRAPH AT	243BT	78.	12.42	6.	2.	1.	.09
+	2 COMBINED AT	CP243B	601.	12.42	49.	14.	7.	.54
+	ROUTED TO	R243B	395.	12.67	48.	14.	7.	.54
+	HYDROGRAPH AT	243	318.	12.08	25.	7.	3.	.15
+	DIVERSION TO	243R	303.	12.00	14.	4.	2.	.15
+	HYDROGRAPH AT	243T	269.	12.08	12.	3.	2.	.15
+	2 COMBINED AT	!!C243	404.	12.67	60.	17.	8.	.54
+	ROUTED TO	R243	350.	12.83	59.	17.	8.	.54
+	HYDROGRAPH AT	245A	132.	12.17	9.	2.	1.	.09
+	2 COMBINED AT	!!245A	349.	12.83	67.	19.	9.	1.46
+	ROUTED TO	RR245A	264.	13.25	66.	19.	9.	1.46
+	HYDROGRAPH AT	258	375.	12.42	45.	12.	6.	.38
+	DIVERSION TO	258R	183.	12.08	9.	2.	1.	.38
+	HYDROGRAPH AT	258T	375.	12.42	37.	10.	5.	.38
+	ROUTED TO	SR258	0.	.00	0.	0.	0.	.38
+	3 COMBINED AT	AFR122	4324.	14.08	3361.	1607.	844.	74.98
+	2 COMBINED AT	RCP258	4324.	14.08	3361.	1607.	844.	74.98
+	HYDROGRAPH AT	258A	165.	12.25	19.	6.	3.	.12
+	DIVERSION TO	258AR	165.	12.25	12.	3.	2.	.12
+	HYDROGRAPH AT	258AT	123.	12.42	8.	2.	1.	.12
+	DIVERSION TO	DI272	102.	12.42	7.	2.	1.	.12

+	HYDROGRAPH AT	1D258A	21.	12.42	1.	0.	0.	.12
+	DIVERSION TO	DI259	14.	12.42	0.	0.	0.	.12
+	HYDROGRAPH AT	2D258A	7.	12.42	0.	0.	0.	.12
+	ROUTED TO	R258A	3.	12.92	0.	0.	0.	.12
+	HYDROGRAPH AT	271C	242.	12.58	40.	12.	6.	.18
+	DIVERSION TO	271CR	242.	12.58	28.	7.	4.	.18
+	HYDROGRAPH AT	271CT	152.	12.83	15.	4.	2.	.18
+	2 COMBINED AT	CP271C	152.	12.83	14.	4.	2.	.79
+	ROUTED TO	SR271C	0.	.00	0.	0.	0.	.79
+	ROUTED TO	R271C	0.	.00	0.	0.	0.	.79
+	HYDROGRAPH AT	D258A	14.	12.42	0.	0.	0.	.12
+	ROUTED TO	R258A	4.	12.83	0.	0.	0.	.12
+	HYDROGRAPH AT	259	263.	12.17	21.	5.	3.	.20
+	2 COMBINED AT	CP259	262.	12.17	21.	5.	3.	.32
+	ROUTED TO	SR259	0.	.00	0.	0.	0.	.32
+	ROUTED TO	R259	0.	.00	0.	0.	0.	.32
+	HYDROGRAPH AT	D258A	102.	12.42	7.	2.	1.	.12
+	ROUTED TO	R258A	65.	12.67	7.	2.	1.	.12
+	2 COMBINED AT	1I272	62.	12.67	7.	2.	1.	.32
+	HYDROGRAPH AT	272	267.	12.25	22.	6.	3.	.20
+	2 COMBINED AT	2I272	264.	12.25	29.	8.	4.	.52
+	2 COMBINED AT	CP272	262.	12.25	29.	8.	4.	1.19
+	ROUTED TO	SR272	0.	.00	0.	0.	0.	1.19
+	HYDROGRAPH AT	290	516.	12.67	90.	26.	12.	.55
+	DIVERSION TO	290R	463.	12.50	44.	12.	6.	.55
+	HYDROGRAPH AT	290T	516.	12.67	52.	14.	7.	.55
+	ROUTED TO	SR290	257.	13.08	52.	14.	7.	.55

+	DIVERSION TO	DI291	125.	13.08	8.	2.	1.	.55
+	HYDROGRAPH AT	D290	132.	13.08	43.	12.	6.	.55
+	3 COMBINED AT	AFR132	4437.	14.08	3382.	1616.	848.	75.39
+	HYDROGRAPH AT	D290	125.	13.08	8.	2.	1.	.55
+	ROUTED TO	R290	28.	17.92	8.	2.	1.	.55
+	HYDROGRAPH AT	291	1555.	12.17	148.	43.	21.	.99
+	DIVERSION TO	291R	1555.	12.17	138.	36.	17.	.99
+	HYDROGRAPH AT	291T	96.	12.50	21.	7.	3.	.99
+	2 COMBINED AT	CP291	87.	12.75	26.	9.	4.	1.54
+	ROUTED TO	SR291	53.	12.92	26.	9.	4.	1.54
+	ROUTED TO	R291	42.	14.17	25.	9.	4.	1.54
+	HYDROGRAPH AT	287E	375.	12.17	47.	16.	8.	.20
+	DIVERSION TO	287ER	375.	12.17	42.	12.	6.	.20
+	HYDROGRAPH AT	287ET	41.	12.50	13.	4.	2.	.20
+	2 COMBINED AT	I287E	55.	14.17	33.	13.	6.	1.74
+	HYDROGRAPH AT	288A	63.	12.50	13.	4.	2.	.07
+	DIVERSION TO	288AR	63.	12.50	13.	4.	2.	.07
+	HYDROGRAPH AT	288AT	0.	.00	0.	0.	0.	.07
+	ROUTED TO	R288A	0.	.00	0.	0.	0.	.07
+	HYDROGRAPH AT	287A	270.	12.58	61.	18.	9.	.34
+	HYDROGRAPH AT	D287	478.	13.42	248.	83.	40.	44.64
+	ROUTED TO	RADOT	457.	13.67	245.	83.	40.	44.64
+	3 COMBINED AT	CP287A	511.	13.58	269.	97.	48.	46.77
+	ROUTED TO	SR287A	55.	14.17	55.	55.	39.	46.77
+	ROUTED TO	R287A	55.	15.08	55.	55.	39.	46.77
+	HYDROGRAPH AT	254	434.	12.17	34.	9.	4.	.28
+	DIVERSION TO	254RET	434.	12.17	34.	9.	4.	.28

+	HYDROGRAPH AT	254OUT	0.	.00	0.	0.	0.	.28
+	ROUTED TO	R254	0.	.00	0.	0.	0.	.28
+	HYDROGRAPH AT	254B	246.	12.08	15.	4.	2.	.13
+	2 COMBINED AT	CP254B	244.	12.08	15.	4.	2.	.43
+	ROUTED TO	R254B	206.	12.25	15.	4.	2.	.43
+	HYDROGRAPH AT	269	420.	12.17	44.	14.	7.	.23
+	DIVERSION TO	269R	420.	12.17	41.	11.	5.	.23
+	HYDROGRAPH AT	269T	23.	12.58	7.	2.	1.	.23
+	2 COMBINED AT	CP269	206.	12.25	22.	6.	3.	.69
+	ROUTED TO	R269	185.	12.33	21.	6.	3.	.69
+	HYDROGRAPH AT	269B	394.	12.17	40.	12.	6.	.27
+	DIVERSION TO	269BR	394.	12.17	28.	8.	4.	.27
+	HYDROGRAPH AT	269BT	246.	12.33	15.	4.	2.	.27
+	ROUTED TO	R269B	127.	12.58	15.	4.	2.	.27
+	HYDROGRAPH AT	268	523.	12.08	47.	15.	7.	.24
+	DIVERSION TO	268R	523.	12.08	47.	14.	7.	.24
+	HYDROGRAPH AT	268T	2.	19.42	1.	0.	0.	.24
+	3 COMBINED AT	CP268	254.	12.50	35.	10.	5.	1.24
+	DIVERSION TO	D288B	0.	.00	0.	0.	0.	1.24
+	HYDROGRAPH AT	DI2881	254.	12.50	35.	10.	5.	1.24
+	ROUTED TO	R268	245.	12.58	35.	10.	5.	1.24
+	HYDROGRAPH AT	288B	945.	12.58	159.	47.	23.	.93
+	DIVERSION TO	288BR	945.	12.58	156.	43.	21.	.93
+	HYDROGRAPH AT	288BT	22.	13.58	11.	4.	2.	.93
+	2 COMBINED AT	CP288B	245.	12.58	43.	15.	7.	2.34
+	DIVERSION TO	D288B	0.	.00	0.	0.	0.	2.34
+	HYDROGRAPH AT	DI2882	240.	12.58	41.	14.	7.	2.34

	ROUTED TO							
+		R288B	228.	12.67	41.	14.	7.	2.34
	HYDROGRAPH AT							
+		287B	162.	12.17	24.	8.	4.	.10
	3 COMBINED AT							
+		CP287B	280.	12.58	100.	71.	51.	2.84
	ROUTED TO							
+		SR287B	73.	20.42	71.	61.	43.	2.84
	ROUTED TO							
+		R287B	73.	21.25	71.	61.	42.	2.84
	HYDROGRAPH AT							
+		2711	226.	12.00	17.	5.	2.	.11
	HYDROGRAPH AT							
+		254A	336.	12.08	31.	9.	4.	.20
	DIVERSION TO							
+		254AR	336.	12.08	24.	6.	3.	.20
	HYDROGRAPH AT							
+		254AT	137.	12.33	10.	3.	1.	.20
	ROUTED TO							
+		R254A	56.	12.58	9.	3.	1.	.20
	2 COMBINED AT							
+		CP2711	226.	12.00	26.	8.	4.	.33
	ROUTED TO							
+		R2711	227.	12.08	25.	8.	4.	.33
	HYDROGRAPH AT							
+		257	203.	13.42	65.	20.	10.	.34
	DIVERSION TO							
+		257R	203.	13.42	51.	14.	7.	.34
	HYDROGRAPH AT							
+		257T	101.	14.25	20.	6.	3.	.34
	DIVERSION TO							
+		DI271A	33.	14.25	2.	1.	0.	.34
	HYDROGRAPH AT							
+		D257	68.	14.25	18.	5.	3.	.34
	ROUTED TO							
+		R257	44.	15.67	17.	5.	3.	.34
	HYDROGRAPH AT							
+		256	282.	12.83	78.	24.	11.	.43
	DIVERSION TO							
+		256R	282.	12.83	60.	16.	8.	.43
	HYDROGRAPH AT							
+		256T	130.	13.58	26.	8.	4.	.43
	2 COMBINED AT							
+		CP256	129.	13.58	40.	13.	6.	.77
	HYDROGRAPH AT							
+		SUB6	183.	12.17	19.	5.	3.	.10
	HYDROGRAPH AT							
+		SUB7	413.	12.17	35.	9.	4.	.24
	DIVERSION TO							
+		DI255A	206.	12.17	18.	5.	2.	.24
	HYDROGRAPH AT							
+		D7	206.	12.17	18.	5.	2.	.24
	3 COMBINED AT							
+		I2712	384.	12.17	69.	22.	11.	1.11

+	ROUTED TO R256	330.	12.33	69.	22.	11.	1.11
+	HYDROGRAPH AT 271A	241.	12.58	39.	12.	6.	.24
+	DIVERSION TO 271AR	241.	12.58	28.	7.	4.	.24
+	HYDROGRAPH AT 271AT	152.	12.83	15.	4.	2.	.24
+	HYDROGRAPH AT D257	33.	14.25	2.	1.	0.	.34
+	ROUTED TO R257	12.	14.83	2.	1.	0.	.34
+	2 COMBINED AT CP271A	151.	12.83	16.	5.	2.	.48
+	2 COMBINED AT 1I271A	330.	12.33	84.	27.	13.	1.59
+	ROUTED TO R271A	276.	12.58	82.	27.	13.	1.59
+	HYDROGRAPH AT 255A	916.	12.25	92.	25.	12.	.60
+	HYDROGRAPH AT D7	206.	12.17	18.	5.	2.	.24
+	2 COMBINED AT CP255A	1107.	12.17	109.	29.	14.	.84
+	ROUTED TO R255	1087.	12.25	109.	29.	14.	.84
+	ROUTED TO R2712	1067.	12.33	109.	29.	14.	.84
+	HYDROGRAPH AT 2712	737.	12.17	70.	21.	10.	.46
+	3 COMBINED AT I2712	1693.	12.25	255.	76.	37.	1.11
+	ROUTED TO SR271	1043.	12.50	254.	76.	37.	1.11
+	ROUTED TO R271	1039.	12.58	254.	76.	37.	1.11
+	2 COMBINED AT MERGE	1092.	12.58	278.	83.	40.	1.34
+	ROUTED TO R271_1	1088.	12.58	278.	83.	40.	1.34
+	HYDROGRAPH AT 270	548.	12.08	54.	17.	8.	.29
+	2 COMBINED AT !!2712	1216.	12.17	327.	99.	48.	1.77
+	ROUTED TO R2712	1205.	12.33	327.	99.	48.	1.77
+	HYDROGRAPH AT 289C	429.	12.17	50.	14.	7.	.30
+	DIVERSION TO 289CR	429.	12.17	27.	7.	3.	.30
+	HYDROGRAPH AT 289CT	356.	12.33	26.	7.	3.	.30
+	2 COMBINED AT CP289C	1548.	12.33	349.	105.	51.	3.11

+	ROUTED TO R289C	1345.	12.67	348.	105.	51.	3.11
+	HYDROGRAPH AT 289A	326.	12.17	33.	10.	5.	.21
+	DIVERSION TO 289AR	277.	12.08	16.	4.	2.	.21
+	HYDROGRAPH AT 289AT	325.	12.17	20.	5.	3.	.21
+	ROUTED TO R289A	134.	12.67	19.	5.	3.	.21
+	HYDROGRAPH AT 289B	567.	12.08	54.	16.	8.	.29
+	DIVERSION TO 289BR	567.	12.08	45.	12.	6.	.29
+	HYDROGRAPH AT 289BT	142.	12.42	13.	4.	2.	.29
+	3 COMBINED AT CP289B	1504.	12.67	377.	113.	55.	3.63
+	ROUTED TO SR289B	1202.	13.08	377.	113.	55.	3.63
+	ROUTED TO R289B	1199.	13.08	376.	113.	55.	3.63
+	HYDROGRAPH AT 289D	403.	12.17	45.	14.	6.	.26
+	DIVERSION TO 289DR	403.	12.17	45.	13.	6.	.26
+	HYDROGRAPH AT 289DT	1.	18.17	1.	0.	0.	.26
+	2 COMBINED AT CP289D	1199.	13.08	376.	113.	55.	3.88
+	ROUTED TO SR289D	1044.	13.50	375.	113.	55.	3.88
+	ROUTED TO R289D	1042.	13.58	374.	113.	55.	3.88
+	HYDROGRAPH AT 289	495.	12.17	48.	14.	7.	.27
+	DIVERSION TO 289R	495.	12.17	48.	14.	7.	.27
+	HYDROGRAPH AT 289T	0.	.00	0.	0.	0.	.27
+	2 COMBINED AT CP289	1042.	13.58	374.	113.	55.	4.31
+	ROUTED TO SR289	935.	14.00	373.	113.	55.	4.31
+	ROUTED TO R289	933.	14.08	373.	113.	55.	4.31
+	HYDROGRAPH AT 287C	300.	12.25	55.	18.	9.	.23
+	2 COMBINED AT 1I287C	954.	14.00	414.	130.	63.	4.54
+	2 COMBINED AT CP287C	977.	14.08	443.	179.	105.	7.36
+	ROUTED TO SR287C	460.	15.00	351.	169.	97.	7.36

+	ROUTED TO R287C	459.	15.75	350.	169.	96.	7.36
+	HYDROGRAPH AT 287D	238.	12.67	49.	16.	7.	.23
+	2 COMBINED AT CP287D	467.	15.75	357.	179.	103.	7.59
+	ROUTED TO SR287D	68.	33.00	68.	67.	48.	7.59
+	ROUTED TO R287D	68.	33.25	68.	67.	47.	7.59
+	2 COMBINED AT 1RC302	65.	23.83	63.	62.	45.	85.71
+	DIVERSION TO DI302	58.	23.83	58.	58.	42.	85.71
+	HYDROGRAPH AT D287E	7.	23.83	5.	4.	2.	85.71
+	2 COMBINED AT AFR14	5525.	14.00	4387.	2177.	1151.	1.74
+	HYDROGRAPH AT D278E	58.	23.83	58.	58.	42.	85.71
+	ROUTED TO R287E	58.	24.17	58.	58.	42.	85.71
+	HYDROGRAPH AT 302	280.	12.17	40.	14.	7.	.15
+	DIVERSION TO 302R	280.	12.17	29.	8.	4.	.15
+	HYDROGRAPH AT 302T	148.	12.42	18.	5.	3.	.15
+	2 COMBINED AT CP302	151.	12.42	67.	61.	46.	1.89
+	ROUTED TO SR302	62.	23.92	60.	59.	42.	1.89
+	DIVERSION TO DI320	12.	23.92	11.	9.	5.	1.89
+	HYDROGRAPH AT D302	49.	23.83	49.	49.	36.	1.89
+	2 COMBINED AT RCP302	5697.	14.00	4389.	2241.	1200.	85.71
+	HYDROGRAPH AT D302	12.	23.92	11.	9.	5.	1.89
+	ROUTED TO R302	12.	25.00	10.	9.	5.	1.89
+	HYDROGRAPH AT 320	766.	12.42	108.	32.	15.	.64
+	2 COMBINED AT CP320	757.	12.42	106.	34.	20.	2.53
+	ROUTED TO SR320	56.	13.33	51.	32.	20.	2.53
+	DIVERSION TO DI338A	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT D320	56.	13.33	51.	32.	20.	2.53
+	2 COMBINED AT AF152A	5825.	14.00	4494.	2306.	1237.	86.35

+	HYDROGRAPH AT	D320	0.	.00	0.	0.	0.	2.53
+	ROUTED TO	R320	0.	.00	0.	0.	0.	2.53
+	HYDROGRAPH AT	338A	866.	12.42	126.	39.	19.	.77
+	DIVERSION TO	338AR	192.	11.92	26.	8.	4.	.77
+	HYDROGRAPH AT	338AT	866.	12.42	113.	31.	15.	.77
+	2 COMBINED AT	CP338A	855.	12.42	112.	30.	15.	3.30
+	ROUTED TO	SR338A	740.	12.50	110.	30.	15.	3.30
+	ROUTED TO	R338A	706.	12.67	110.	30.	15.	3.30
+	HYDROGRAPH AT	338	268.	12.58	43.	12.	6.	.31
+	2 COMBINED AT	CP338	964.	12.67	150.	41.	20.	3.61
+	2 COMBINED AT	AF152B	5970.	14.00	4570.	2365.	1269.	89.96
+	HYDROGRAPH AT	D337	375.	14.92	357.	126.	61.	2.34
+	ROUTED TO	R337	375.	15.00	357.	126.	61.	2.34
+	HYDROGRAPH AT	367	249.	12.08	17.	4.	2.	.15
+	2 COMBINED AT	CP367	428.	16.17	365.	129.	63.	89.88
+	2 COMBINED AT	AFR153	6089.	14.00	4725.	2365.	1269.	89.88
+	HYDROGRAPH AT	370	60.	12.33	5.	1.	1.	.07
+	2 COMBINED AT	AFR154	6218.	14.00	4828.	2427.	1302.	89.88
+	HYDROGRAPH AT	369	171.	12.25	15.	4.	2.	.15
+	2 COMBINED AT	GR151	6366.	14.00	4945.	2498.	1342.	89.88
+	HYDROGRAPH AT	366	249.	13.00	52.	13.	6.	.44
+	ROUTED TO	R366	128.	16.08	47.	13.	6.	.44
+	HYDROGRAPH AT	368	367.	13.58	112.	28.	13.	.83
+	2 COMBINED AT	CP368	366.	13.58	142.	41.	20.	1.27
+	ROUTED TO	SR368	221.	14.25	124.	37.	18.	1.27
+	2 COMBINED AT	GR152	6512.	14.00	5015.	2503.	1342.	89.88
+	HYDROGRAPH AT	377A	184.	13.00	39.	10.	5.	.27

+	2 COMBINED AT GR161	6673.	13.92	5128.	2567.	1376.	89.88
+	HYDROGRAPH AT 361	147.	13.17	37.	9.	4.	.21
+	ROUTED TO SR361	0.	.00	0.	0.	0.	.21
+	ROUTED TO R361	0.	.00	0.	0.	0.	.21
+	HYDROGRAPH AT 377	120.	12.42	15.	4.	2.	.09
+	2 COMBINED AT CP377	119.	12.42	15.	4.	2.	.35
+	ROUTED TO SR377	0.	.00	0.	0.	0.	.35
+	ROUTED TO R377	0.	.00	0.	0.	0.	.35
+	HYDROGRAPH AT 377B	55.	13.58	17.	4.	2.	.12
+	2 COMBINED AT CP337B	55.	13.58	16.	4.	2.	.42
+	2 COMBINED AT GR162	6995.	14.08	5145.	2567.	1381.	156.76
+	HYDROGRAPH AT 387	221.	13.00	56.	14.	7.	.25
+	2 COMBINED AT GR163	7019.	14.08	5156.	2568.	1381.	157.01
+	HYDROGRAPH AT 386	241.	13.25	66.	17.	8.	.35
+	2 COMBINED AT GR164	7101.	14.08	5181.	2570.	1381.	157.76
+	HYDROGRAPH AT 383A	129.	13.00	31.	8.	4.	.16
+	2 COMBINED AT GR165	7120.	14.00	5190.	2570.	1381.	157.52
+	HYDROGRAPH AT 383	161.	12.92	35.	9.	4.	.18
+	DIVERSION TO DTC9	161.	12.92	35.	9.	4.	.18
+	HYDROGRAPH AT D383	0.	.00	0.	0.	0.	.18
+	2 COMBINED AT GR166	7123.	14.00	5192.	2572.	1381.	157.76
+	HYDROGRAPH AT 381B	69.	12.75	13.	3.	2.	.07
+	2 COMBINED AT GR167	7129.	14.00	5198.	2574.	1383.	157.77
+	HYDROGRAPH AT 381	184.	12.92	40.	10.	5.	.21
+	ROUTED TO SR381	82.	13.58	18.	5.	2.	.21
+	ROUTED TO R381	41.	16.75	17.	5.	2.	.21
+	HYDROGRAPH AT 380	199.	12.83	47.	12.	6.	.20

+	2 COMBINED AT	CP380	198.	12.83	52.	16.	8.	.41
+	2 COMBINED AT	RCP380	7138.	14.00	5215.	2579.	1385.	158.18
+	HYDROGRAPH AT	D273	0.	.00	0.	0.	0.	2.83
+	ROUTED TO	R273	0.	.00	0.	0.	0.	2.83
+	HYDROGRAPH AT	292	903.	12.50	116.	31.	15.	.96
+	2 COMBINED AT	1I292	891.	12.50	115.	30.	15.	3.79
+	HYDROGRAPH AT	D274	0.	.00	0.	0.	0.	18.76
+	ROUTED TO	R274	0.	.00	0.	0.	0.	18.76
+	2 COMBINED AT	CP292	891.	12.50	115.	30.	15.	5.36
+	DIVERSION TO	1D306	445.	12.50	59.	16.	8.	5.36
+	HYDROGRAPH AT	D292	442.	12.50	56.	14.	7.	5.36
+	ROUTED TO	R292	400.	12.67	56.	14.	7.	5.36
+	HYDROGRAPH AT	D275	0.	.00	0.	0.	0.	19.01
+	ROUTED TO	R275	0.	.00	0.	0.	0.	19.01
+	HYDROGRAPH AT	D276	0.	.00	0.	0.	0.	19.26
+	ROUTED TO	R276	0.	.00	0.	0.	0.	19.26
+	2 COMBINED AT	1I293	0.	.00	0.	0.	0.	4.77
+	HYDROGRAPH AT	293	573.	12.67	93.	24.	11.	.77
+	2 COMBINED AT	2I293	561.	12.67	91.	23.	11.	5.54
+	HYDROGRAPH AT	D277	0.	.00	0.	0.	0.	20.76
+	ROUTED TO	R277	0.	.00	0.	0.	0.	20.76
+	2 COMBINED AT	3I293	561.	12.67	91.	23.	11.	25.02
+	2 COMBINED AT	CP293	889.	12.67	136.	34.	17.	25.98
+	ROUTED TO	R293	726.	13.42	135.	34.	17.	25.98
+	HYDROGRAPH AT	293A	380.	12.17	34.	9.	4.	.07
+	2 COMBINED AT	CP293A	727.	13.42	164.	42.	20.	26.05
+	DIVERSION TO	2D306	74.	13.42	16.	4.	2.	26.05

+	HYDROGRAPH AT	D293A	653.	13.42	147.	38.	18.	26.05
+	ROUTED TO	R293A	456.	14.92	136.	38.	18.	26.05
+	HYDROGRAPH AT	D279D	0.	.00	0.	0.	0.	21.06
+	ROUTED TO	R279D	0.	.00	0.	0.	0.	21.06
+	HYDROGRAPH AT	D279C	0.	.00	0.	0.	0.	21.28
+	ROUTED TO	R279C	0.	.00	0.	0.	0.	21.28
+	2 COMBINED AT	1I294	0.	.00	0.	0.	0.	24.32
+	HYDROGRAPH AT	294	237.	12.25	19.	5.	2.	.18
+	2 COMBINED AT	CP294	213.	12.25	17.	4.	2.	24.50
+	ROUTED TO	SR294	0.	.00	0.	0.	0.	24.50
+	ROUTED TO	R294	0.	.00	0.	0.	0.	24.50
+	HYDROGRAPH AT	309	584.	13.17	142.	38.	18.	1.07
+	2 COMBINED AT	1I309	538.	13.17	131.	35.	17.	25.57
+	2 COMBINED AT	CP309	536.	13.17	251.	72.	35.	27.37
+	ROUTED TO	R309	418.	14.42	239.	72.	35.	27.37
+	HYDROGRAPH AT	328	513.	12.92	103.	26.	12.	.76
+	2 COMBINED AT	CP328	475.	12.92	298.	95.	46.	28.13
+	ROUTED TO	R328	359.	15.58	287.	95.	46.	28.13
+	HYDROGRAPH AT	344	325.	13.33	83.	21.	10.	.61
+	2 COMBINED AT	CP344	479.	13.92	334.	114.	55.	28.74
+	HYDROGRAPH AT	D292	445.	12.50	59.	16.	8.	5.36
+	ROUTED TO	R292	371.	12.75	59.	16.	8.	5.36
+	HYDROGRAPH AT	D293A	74.	13.42	16.	4.	2.	26.05
+	ROUTED TO	R293A	67.	13.75	16.	4.	2.	26.05
+	2 COMBINED AT	1I306	371.	12.75	73.	20.	10.	26.05
+	HYDROGRAPH AT	306	331.	12.92	63.	16.	8.	.49
+	2 COMBINED AT	CP306	641.	12.83	128.	34.	16.	26.54

+	ROUTED TO	SR306	635.	12.92	124.	32.	15.	26.54
+	ROUTED TO	R306	592.	13.17	124.	32.	15.	26.54
+	HYDROGRAPH AT	308	260.	12.75	44.	11.	5.	.32
+	2 COMBINED AT	CP308	723.	13.17	164.	42.	20.	26.86
+	ROUTED TO	R308	666.	13.42	163.	42.	20.	26.86
+	HYDROGRAPH AT	327	358.	13.00	73.	18.	9.	.53
+	2 COMBINED AT	CP327	864.	13.42	229.	59.	28.	27.39
+	ROUTED TO	R327	796.	13.75	228.	59.	28.	27.39
+	HYDROGRAPH AT	343	297.	13.17	68.	17.	8.	.51
+	2 COMBINED AT	1IC343	950.	13.67	289.	74.	36.	27.90
+	2 COMBINED AT	CP343	1394.	13.75	607.	187.	90.	30.59
+	ROUTED TO	R343	1368.	13.92	603.	187.	90.	30.59
+	HYDROGRAPH AT	356	333.	12.58	49.	12.	6.	.35
+	2 COMBINED AT	CP356	1374.	13.92	626.	198.	96.	30.94
+	ROUTED TO	SR356	1351.	14.08	573.	197.	96.	30.94
+	ROUTED TO	R356	1280.	14.50	555.	196.	96.	30.94
+	HYDROGRAPH AT	355	90.	12.92	21.	5.	2.	.10
+	2 COMBINED AT	1I355	1286.	14.50	557.	199.	98.	31.04
+	HYDROGRAPH AT	307	208.	12.58	29.	7.	3.	.21
+	ROUTED TO	R307	167.	13.17	29.	7.	3.	.21
+	HYDROGRAPH AT	326	333.	13.00	69.	17.	8.	.54
+	2 COMBINED AT	CP326	478.	13.08	98.	24.	12.	.75
+	ROUTED TO	R326	418.	13.67	98.	24.	12.	.75
+	HYDROGRAPH AT	342A	224.	13.17	52.	13.	6.	.38
+	2 COMBINED AT	CP342A	554.	13.58	148.	37.	18.	1.13
+	ROUTED TO	R342A	530.	13.92	147.	37.	18.	1.13
+	HYDROGRAPH AT	354	297.	12.58	42.	11.	5.	.31

+	2 COMBINED AT CP354	535.	13.92	186.	48.	23.	1.44
+	ROUTED TO SR354	463.	14.25	186.	48.	23.	1.44
+	ROUTED TO R354	431.	14.92	180.	48.	23.	1.44
+	2 COMBINED AT 2I355	1521.	14.58	714.	241.	118.	32.48
+	HYDROGRAPH AT 310	162.	12.58	24.	6.	3.	.19
+	ROUTED TO R310	146.	12.92	24.	6.	3.	.19
+	HYDROGRAPH AT 329	455.	12.83	81.	21.	10.	.63
+	2 COMBINED AT CP329	597.	12.83	105.	27.	13.	.82
+	ROUTED TO R329	449.	13.33	104.	27.	13.	.82
+	HYDROGRAPH AT 345	273.	13.00	57.	14.	7.	.43
+	2 COMBINED AT CP345	667.	13.17	161.	41.	20.	1.25
+	ROUTED TO R345	641.	13.50	161.	41.	20.	1.25
+	HYDROGRAPH AT 357	118.	12.67	18.	5.	2.	.14
+	2 COMBINED AT CP357	658.	13.42	178.	45.	22.	1.39
+	HYDROGRAPH AT 346	404.	12.75	68.	17.	8.	.51
+	ROUTED TO R346	370.	13.08	68.	17.	8.	.51
+	HYDROGRAPH AT 359	101.	12.58	14.	3.	2.	.10
+	2 COMBINED AT 1I359	405.	13.00	82.	21.	10.	.61
+	2 COMBINED AT 2I359	924.	13.33	258.	65.	31.	2.00
+	HYDROGRAPH AT D346A	0.	.00	0.	0.	0.	46.03
+	ROUTED TO R346A	0.	.00	0.	0.	0.	46.03
+	HYDROGRAPH AT 346C	130.	12.50	20.	6.	3.	.12
+	DIVERSION TO 346CR	130.	12.50	14.	4.	2.	.12
+	HYDROGRAPH AT 346CT	79.	12.75	8.	2.	1.	.12
+	2 COMBINED AT CP346C	56.	12.83	5.	2.	1.	38.31
+	ROUTED TO SR346C	0.	.00	0.	0.	0.	38.31
+	HYDROGRAPH AT 346B	143.	13.25	37.	10.	5.	.27

	DIVERSION TO							
+		346BR	81.	12.75	9.	2.	1.	.27
	HYDROGRAPH AT							
+		346BT	143.	13.25	29.	7.	4.	.27
	2 COMBINED AT							
+		CP346B	127.	13.25	25.	6.	3.	38.58
	ROUTED TO							
+		SR346B	118.	13.33	23.	6.	3.	38.58
	DIVERSION TO							
+		DI360	20.	13.33	2.	1.	0.	38.58
	HYDROGRAPH AT							
+		D346B	99.	13.33	20.	5.	3.	38.58
	ROUTED TO							
+		R346B	79.	14.00	20.	5.	3.	38.58
	2 COMBINED AT							
+		CP359	924.	13.42	277.	70.	34.	40.58
	ROUTED TO							
+		SR359	175.	15.00	150.	64.	31.	40.58
	ROUTED TO							
+		R359	174.	15.83	150.	64.	31.	40.58
	HYDROGRAPH AT							
+		360	176.	13.00	39.	10.	5.	.25
	2 COMBINED AT							
+		1I360	174.	15.50	157.	72.	35.	40.83
	HYDROGRAPH AT							
+		D346B	20.	13.33	2.	1.	0.	38.58
	ROUTED TO							
+		R346B	6.	16.75	2.	1.	0.	38.58
	2 COMBINED AT							
+		CP360	177.	16.00	160.	73.	35.	40.83
	ROUTED TO							
+		SR360	176.	16.42	153.	63.	30.	40.83
	ROUTED TO							
+		R360	172.	19.17	144.	63.	30.	40.83
	HYDROGRAPH AT							
+		358	122.	13.17	30.	8.	4.	.19
	2 COMBINED AT							
+		CP358	172.	19.17	144.	69.	33.	41.02
	ROUTED TO							
+		SR358	124.	22.75	111.	43.	21.	41.02
	ROUTED TO							
+		R358	124.	23.08	110.	43.	21.	41.02
	2 COMBINED AT							
+		CP355	1521.	14.58	714.	284.	139.	48.68
	ROUTED TO							
+		SR355	1019.	15.42	557.	235.	113.	48.68
	ROUTED TO							
+		R355	977.	16.25	543.	234.	113.	48.68
	HYDROGRAPH AT							
+		373	398.	12.75	74.	18.	9.	.43
	2 COMBINED AT							
+		1I373	976.	16.25	542.	243.	121.	49.11
	HYDROGRAPH AT							
+		355A	47.	12.50	6.	2.	1.	.04

+	ROUTED TO SR355A	0.	.00	0.	0.	0.	.04
+	ROUTED TO R355A	0.	.00	0.	0.	0.	.04
+	2 COMBINED AT CP373	976.	16.25	542.	243.	121.	49.15
+	ROUTED TO R373	859.	17.50	517.	241.	121.	49.15
+	HYDROGRAPH AT 374	493.	13.50	161.	40.	19.	.76
+	2 COMBINED AT 1I374	859.	17.50	517.	270.	138.	49.91
+	HYDROGRAPH AT 375	274.	13.42	83.	21.	10.	.41
+	ROUTED TO R375	198.	16.08	72.	21.	10.	.41
+	2 COMBINED AT 2I374	952.	17.42	555.	288.	147.	50.32
+	HYDROGRAPH AT 376	357.	13.00	85.	21.	10.	.42
+	ROUTED TO R376	234.	15.42	76.	21.	10.	.42
+	2 COMBINED AT CP374	1014.	17.42	584.	307.	156.	50.74
+	ROUTED TO R374	789.	20.83	578.	292.	150.	50.74
+	HYDROGRAPH AT 305	521.	13.00	106.	27.	13.	.92
+	ROUTED TO SR305	475.	13.08	97.	24.	12.	.92
+	ROUTED TO R305	453.	13.33	97.	24.	12.	.92
+	HYDROGRAPH AT 325	229.	13.25	56.	14.	7.	.49
+	2 COMBINED AT CP325	673.	13.33	152.	38.	18.	1.41
+	ROUTED TO R325	597.	13.83	152.	38.	18.	1.41
+	HYDROGRAPH AT 342	267.	12.83	47.	12.	6.	.39
+	2 COMBINED AT CP342	628.	13.83	197.	50.	24.	1.80
+	ROUTED TO R342	609.	14.00	196.	50.	24.	1.80
+	HYDROGRAPH AT 325A	294.	13.08	63.	16.	8.	.61
+	ROUTED TO R325A	241.	14.17	63.	16.	8.	.61
+	HYDROGRAPH AT 341	366.	13.08	81.	21.	10.	.79
+	2 COMBINED AT CP341	365.	13.08	141.	37.	18.	1.40
+	ROUTED TO R341	308.	14.83	135.	37.	18.	1.40

+	HYDROGRAPH AT	353	167.	12.75	29.	7.	4.	.22
+	2 COMBINED AT	1I353	308.	14.83	156.	44.	21.	1.62
+	2 COMBINED AT	CP353	890.	14.00	349.	93.	45.	3.42
+	ROUTED TO	SR353	892.	14.08	349.	93.	45.	3.42
+	ROUTED TO	R353	837.	14.50	343.	93.	45.	3.42
+	HYDROGRAPH AT	352	144.	12.75	25.	6.	3.	.18
+	2 COMBINED AT	CP352	839.	14.50	357.	99.	48.	3.60
+	ROUTED TO	SR352	776.	14.75	333.	92.	44.	3.60
+	ROUTED TO	R352	593.	17.92	275.	91.	44.	3.60
+	HYDROGRAPH AT	372	884.	13.75	311.	78.	38.	1.62
+	3 COMBINED AT	1I372	973.	20.75	763.	403.	220.	55.96
+	HYDROGRAPH AT	385	314.	13.17	94.	24.	12.	.39
+	ROUTED TO	R385	274.	14.25	90.	24.	12.	.39
+	HYDROGRAPH AT	384	264.	12.83	59.	15.	7.	.29
+	2 COMBINED AT	CP384	305.	14.25	141.	39.	19.	.65
+	ROUTED TO	R384	250.	16.50	123.	39.	19.	.65
+	2 COMBINED AT	2I372	1013.	20.75	817.	437.	236.	56.61
+	HYDROGRAPH AT	18	1179.	12.17	95.	26.	13.	.81
+	ROUTED TO	R18	996.	12.33	95.	26.	13.	.81
+	HYDROGRAPH AT	19	819.	12.42	96.	26.	13.	.79
+	2 COMBINED AT	CP19	1799.	12.33	190.	52.	25.	1.60
+	ROUTED TO	R19	1710.	12.42	190.	52.	25.	1.60
+	HYDROGRAPH AT	21	913.	12.42	108.	29.	14.	.79
+	2 COMBINED AT	I1CP21	2606.	12.42	296.	80.	39.	2.39
+	HYDROGRAPH AT	20	1218.	12.33	138.	37.	18.	1.07
+	ROUTED TO	SR20	0.	.00	0.	0.	0.	1.07
+	ROUTED TO	R20	0.	.00	0.	0.	0.	1.07

	2 COMBINED AT						
+	CP21	2606.	12.42	296.	80.	39.	3.46
	ROUTED TO						
+	SR21	973.	12.75	118.	32.	15.	3.46
	ROUTED TO						
+	R21	901.	12.92	118.	32.	15.	3.46
	HYDROGRAPH AT						
+	23	310.	12.08	24.	7.	3.	.16
	2 COMBINED AT						
+	CP23	909.	12.92	138.	38.	19.	3.62
	ROUTED TO						
+	SR23	0.	.00	0.	0.	0.	3.62
	ROUTED TO						
+	R23	0.	.00	0.	0.	0.	3.62
	HYDROGRAPH AT						
+	22	730.	12.25	72.	19.	9.	.57
	ROUTED TO						
+	R22	686.	12.42	72.	19.	9.	.57
	HYDROGRAPH AT						
+	22A	733.	12.25	69.	18.	9.	.50
	2 COMBINED AT						
+	I1C22A	1304.	12.33	141.	37.	18.	1.07
	2 COMBINED AT						
+	CP22A	1285.	12.33	138.	37.	18.	4.69
	ROUTED TO						
+	R22A	1194.	12.50	138.	37.	18.	4.69
	HYDROGRAPH AT						
+	25	560.	12.33	58.	15.	7.	.46
	2 COMBINED AT						
+	I1CP25	1670.	12.42	195.	51.	25.	5.15
	HYDROGRAPH AT						
+	24	193.	12.25	17.	4.	2.	.14
	ROUTED TO						
+	SR24	0.	.00	0.	0.	0.	.14
	ROUTED TO						
+	R24	0.	.00	0.	0.	0.	.14
	2 COMBINED AT						
+	CP25	1670.	12.42	195.	51.	25.	5.29
	ROUTED TO						
+	SR25	1609.	12.50	174.	44.	21.	5.29
	HYDROGRAPH AT						
+	26	1333.	12.50	179.	46.	22.	1.16
	ROUTED TO						
+	R26	1284.	12.58	179.	46.	22.	1.16
	HYDROGRAPH AT						
+	27	1112.	12.33	170.	50.	24.	1.00
	DIVERSION TO						
+	27RET	704.	12.08	49.	14.	7.	1.00
	HYDROGRAPH AT						
+	27OUT	1112.	12.33	133.	36.	17.	1.00
	2 COMBINED AT						
+	I1CP27	2124.	12.50	309.	81.	39.	2.16
	ROUTED TO						
+	SR27	2187.	12.33	290.	75.	36.	2.16

+	2 COMBINED AT	CP27	3761.	12.50	459.	118.	57.	7.45
+	ROUTED TO	R27	3383.	12.67	457.	118.	57.	7.45
+	HYDROGRAPH AT	34	457.	12.25	42.	11.	6.	.36
+	HYDROGRAPH AT	33	811.	12.25	75.	21.	10.	.65
+	2 COMBINED AT	CP33	1259.	12.25	116.	32.	15.	1.01
+	ROUTED TO	R33	1203.	12.33	116.	32.	15.	1.01
+	HYDROGRAPH AT	35	510.	12.17	45.	12.	6.	.39
+	2 COMBINED AT	I1CP35	1655.	12.25	160.	44.	21.	1.40
+	HYDROGRAPH AT	32	1154.	12.33	156.	43.	21.	1.29
+	2 COMBINED AT	CP35	2717.	12.25	313.	86.	42.	2.69
+	ROUTED TO	R35	2658.	12.33	313.	86.	42.	2.69
+	HYDROGRAPH AT	36	301.	12.25	26.	7.	3.	.24
+	2 COMBINED AT	I1CP36	2923.	12.33	338.	93.	45.	2.93
+	HYDROGRAPH AT	37	909.	12.42	115.	31.	15.	.95
+	2 COMBINED AT	CP36	3736.	12.33	451.	123.	59.	3.88
+	ROUTED TO	R36	3668.	12.42	450.	123.	59.	3.88
+	HYDROGRAPH AT	38	926.	12.25	90.	24.	12.	.76
+	DIVERSION TO	38RET	602.	12.08	27.	7.	3.	.76
+	HYDROGRAPH AT	38OUT	926.	12.25	66.	17.	8.	.76
+	2 COMBINED AT	CP38	4319.	12.42	513.	140.	67.	4.64
+	ROUTED TO	SR38	4268.	12.42	460.	120.	58.	4.64
+	ROUTED TO	R38	4142.	12.58	459.	120.	58.	4.64
+	HYDROGRAPH AT	39	722.	12.50	117.	35.	17.	.77
+	DIVERSION TO	39RET	722.	12.50	89.	24.	12.	.77
+	HYDROGRAPH AT	39OUT	338.	12.92	38.	11.	5.	.77
+	2 COMBINED AT	I1CP39	4142.	12.58	494.	131.	63.	5.41
+	2 COMBINED AT	CP39	7034.	12.67	922.	241.	116.	12.86

+	ROUTED TO R39	6980.	12.67	919.	241.	116.	12.86
+	HYDROGRAPH AT 40	594.	12.25	66.	19.	9.	.52
+	DIVERSION TO 40RET	76.	11.83	8.	2.	1.	.52
+	HYDROGRAPH AT 40OUT	594.	12.25	62.	16.	8.	.52
+	ROUTED TO R40	503.	12.50	61.	16.	8.	.52
+	HYDROGRAPH AT 42	1229.	12.50	209.	64.	31.	1.18
+	DIVERSION TO 42RET	875.	12.25	84.	24.	12.	1.18
+	HYDROGRAPH AT 42OUT	1229.	12.50	147.	40.	19.	1.18
+	2 COMBINED AT I1CP42	1721.	12.50	206.	56.	27.	1.70
+	2 COMBINED AT CP42	8246.	12.67	1102.	291.	140.	14.56
+	ROUTED TO SR42	7506.	12.83	958.	256.	123.	14.56
+	ROUTED TO R42	7742.	12.83	957.	256.	123.	14.56
+	HYDROGRAPH AT 41A1	47.	12.00	3.	1.	0.	.02
+	ROUTED TO SR41A1	23.	12.17	3.	1.	0.	.02
+	DIVERSION TO 1D303	23.	12.17	3.	1.	0.	.02
+	HYDROGRAPH AT CP41A1	0.	.00	0.	0.	0.	.02
+	ROUTED TO R41A1	0.	.00	0.	0.	0.	.02
+	HYDROGRAPH AT 41A2	64.	12.00	3.	1.	0.	.03
+	2 COMBINED AT CP41A2	63.	12.00	3.	1.	0.	.05
+	ROUTED TO SR41A2	74.	12.00	3.	1.	0.	.05
+	DIVERSION TO 2D303	24.	12.00	2.	1.	0.	.05
+	HYDROGRAPH AT D41A2	49.	12.00	1.	0.	0.	.05
+	ROUTED TO R41A2	30.	12.08	1.	0.	0.	.05
+	HYDROGRAPH AT 41A3	61.	12.00	3.	1.	0.	.03
+	2 COMBINED AT CP41A3	83.	12.08	4.	1.	0.	.08
+	ROUTED TO SR41A3	23.	12.25	4.	1.	0.	.08
+	DIVERSION TO 3D303	23.	12.25	4.	1.	0.	.08

+	HYDROGRAPH AT	D41A3	0.	.00	0.	0.	0.	.08
+	ROUTED TO	R41A3	0.	.00	0.	0.	0.	.08
+	HYDROGRAPH AT	41A	92.	12.00	5.	1.	1.	.05
+	2 COMBINED AT	CP41A	91.	12.00	5.	1.	1.	.13
+	ROUTED TO	SR41A	24.	12.25	5.	1.	1.	.13
+	DIVERSION TO	4D303	24.	12.25	5.	1.	1.	.13
+	HYDROGRAPH AT	D41A	0.	.00	0.	0.	0.	.13
+	ROUTED TO	R41A	0.	.00	0.	0.	0.	.13
+	HYDROGRAPH AT	41-1	223.	12.17	15.	4.	2.	.15
+	2 COMBINED AT	CP41-1	222.	12.17	15.	4.	2.	.28
+	ROUTED TO	SR41-1	222.	12.25	15.	4.	2.	.28
+	DIVERSION TO	5D303	45.	12.25	12.	3.	1.	.28
+	HYDROGRAPH AT	D41-1	177.	12.25	4.	1.	0.	.28
+	ROUTED TO	R41-1	64.	12.33	4.	1.	0.	.28
+	HYDROGRAPH AT	41-2	150.	12.17	10.	3.	1.	.10
+	2 COMBINED AT	CP41-2	149.	12.17	14.	3.	2.	.38
+	ROUTED TO	SR41-2	38.	12.50	14.	3.	2.	.38
+	DIVERSION TO	6D303	38.	12.50	14.	3.	2.	.38
+	HYDROGRAPH AT	D41-2	0.	.00	0.	0.	0.	.38
+	ROUTED TO	R41-2	0.	.00	0.	0.	0.	.38
+	HYDROGRAPH AT	41	596.	12.42	82.	24.	12.	.58
+	DIVERSION TO	41RET	596.	12.42	50.	14.	6.	.58
+	HYDROGRAPH AT	41OUT	461.	12.58	38.	10.	5.	.58
+	2 COMBINED AT	CP41	460.	12.58	38.	10.	5.	.68
+	ROUTED TO	SR41	163.	12.92	37.	10.	5.	.68
+	DIVERSION TO	7D303	44.	12.92	30.	9.	4.	.68
+	HYDROGRAPH AT	D41	119.	12.92	8.	2.	1.	.68

+	ROUTED TO	R41	105.	13.00	8.	2.	1.	.68
+	HYDROGRAPH AT	43-1	73.	12.08	4.	1.	1.	.04
+	2 COMBINED AT	CP43-1	102.	13.00	11.	3.	1.	1.00
+	ROUTED TO	SR43-1	73.	13.17	11.	3.	1.	1.00
+	DIVERSION TO	1D303A	73.	13.17	11.	3.	1.	1.00
+	HYDROGRAPH AT	D43-1	0.	.00	0.	0.	0.	1.00
+	ROUTED TO	R43-1	0.	.00	0.	0.	0.	1.00
+	HYDROGRAPH AT	43-2	19.	12.00	1.	0.	0.	.01
+	2 COMBINED AT	CP43-2	18.	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	D43-2	0.	.00	0.	0.	0.	1.01
+	ROUTED TO	R43-2	0.	.00	0.	0.	0.	1.01
+	HYDROGRAPH AT	43-3	106.	12.00	5.	1.	1.	.05
+	2 COMBINED AT	CP43-3	103.	12.00	5.	1.	1.	1.06
+	ROUTED TO	SR43-3	22.	12.17	5.	1.	1.	1.06
+	DIVERSION TO	3D303A	22.	12.17	5.	1.	1.	1.06
+	HYDROGRAPH AT	D43-3	0.	.00	0.	0.	0.	1.06
+	ROUTED TO	R43-3	0.	.00	0.	0.	0.	1.06
+	HYDROGRAPH AT	43-4	64.	12.00	3.	1.	0.	.03
+	2 COMBINED AT	CP43-4	61.	12.00	3.	1.	0.	1.09
+	ROUTED TO	SR43-4	21.	12.17	3.	1.	0.	1.09
+	DIVERSION TO	1DWT#4	21.	12.17	3.	1.	0.	1.09
+	HYDROGRAPH AT	D43-4	0.	.00	0.	0.	0.	1.09
+	ROUTED TO	R43-4	0.	.00	0.	0.	0.	1.09
+	HYDROGRAPH AT	43-5	44.	12.00	2.	1.	0.	.02
+	2 COMBINED AT	CP43-5	42.	12.00	2.	1.	0.	1.11

	ROUTED TO						
+		SR43-5	19.	12.17	2.	1.	0.	1.11
	DIVERSION TO						
+		2DWT#4	19.	12.17	2.	1.	0.	1.11
	HYDROGRAPH AT						
+		D43-5	0.	.00	0.	0.	0.	1.11
	ROUTED TO						
+		R43-5	0.	.00	0.	0.	0.	1.11
	HYDROGRAPH AT						
+		43-6	44.	12.00	2.	1.	0.	.02
	2 COMBINED AT						
+		CP43-6	43.	12.00	2.	1.	0.	1.13
	ROUTED TO						
+		SR43-6	5.	12.25	2.	1.	0.	1.13
	DIVERSION TO						
+		3DWT#4	5.	12.25	2.	1.	0.	1.13
	HYDROGRAPH AT						
+		D43-6	0.	.00	0.	0.	0.	1.13
	ROUTED TO						
+		R43-6	0.	.00	0.	0.	0.	1.13
	HYDROGRAPH AT						
+		43-7	46.	12.00	2.	1.	0.	.02
	2 COMBINED AT						
+		CP43-7	44.	12.00	2.	1.	0.	1.15
	ROUTED TO						
+		SR43-7	20.	12.08	2.	1.	0.	1.15
	DIVERSION TO						
+		4DWT#4	20.	12.08	2.	1.	0.	1.15
	HYDROGRAPH AT						
+		D43-7	0.	.00	0.	0.	0.	1.15
	ROUTED TO						
+		R43-7	0.	.00	0.	0.	0.	1.15
	HYDROGRAPH AT						
+		43-8	23.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		CP43-8	22.	12.00	1.	0.	0.	1.16
	ROUTED TO						
+		SR43-8	12.	12.08	1.	0.	0.	1.16
	DIVERSION TO						
+		5DWT#4	12.	12.08	1.	0.	0.	1.16
	HYDROGRAPH AT						
+		D43-8	0.	.00	0.	0.	0.	1.16
	ROUTED TO						
+		R43-8	0.	.00	0.	0.	0.	1.16
	HYDROGRAPH AT						
+		43	23.	12.00	1.	0.	0.	.01
	2 COMBINED AT						
+		I1CP43	22.	12.00	1.	0.	0.	1.17
	2 COMBINED AT						
+		CP43	7786.	12.83	962.	258.	124.	13.90
	ROUTED TO						
+		SR43	6851.	12.92	962.	258.	124.	13.90
	DIVERSION TO						
+		DI45-1	2360.	12.92	129.	32.	15.	13.90

+	HYDROGRAPH AT D43	4492.	12.92	833.	225.	108.	13.90
+	ROUTED TO RD43	4422.	13.00	829.	225.	108.	13.90
+	HYDROGRAPH AT D43-4	21.	12.17	3.	1.	0.	1.09
+	ROUTED TO RD43-4	13.	12.67	3.	1.	0.	1.09
+	HYDROGRAPH AT D43-5	19.	12.17	2.	1.	0.	1.11
+	ROUTED TO RD43-5	13.	12.58	2.	1.	0.	1.11
+	2 COMBINED AT I1CWT4	27.	12.67	5.	1.	1.	.05
+	HYDROGRAPH AT D43-6	5.	12.25	2.	1.	0.	1.13
+	ROUTED TO RD43-6	4.	13.25	2.	1.	0.	1.13
+	2 COMBINED AT I2CWT4	29.	12.67	7.	2.	1.	.07
+	HYDROGRAPH AT D43-7	20.	12.08	2.	1.	0.	1.15
+	ROUTED TO RD43-7	12.	12.58	2.	1.	0.	1.15
+	2 COMBINED AT I3CWT4	41.	12.58	10.	2.	1.	.09
+	HYDROGRAPH AT D43-8	12.	12.08	1.	0.	0.	1.16
+	ROUTED TO RD43-8	5.	12.58	1.	0.	0.	1.16
+	2 COMBINED AT I4CWT4	46.	12.58	11.	3.	1.	.10
+	HYDROGRAPH AT 44	287.	12.25	24.	6.	3.	.22
+	2 COMBINED AT I5CWT4	308.	12.25	35.	9.	4.	.32
+	2 COMBINED AT CP44	4450.	13.00	850.	233.	112.	14.12
+	HYDROGRAPH AT 45-1	137.	12.08	9.	2.	1.	.08
+	HYDROGRAPH AT D43	2360.	12.92	129.	32.	15.	13.90
+	2 COMBINED AT CP45-1	2355.	12.92	137.	34.	16.	13.98
+	ROUTED TO SR45-1	2205.	13.00	137.	34.	16.	13.98
+	DIVERSION TO 7DWT#4	396.	13.00	40.	10.	5.	13.98
+	HYDROGRAPH AT D45-1	1809.	13.00	97.	24.	12.	13.98
+	ROUTED TO R45-1	1652.	13.00	97.	24.	12.	13.98
+	HYDROGRAPH AT 45	845.	12.00	45.	12.	6.	.38

	2 COMBINED AT							
+		CP45	2024.	13.00	159.	40.	19.	4.44
	ROUTED TO							
+		SR45	1738.	13.08	159.	40.	19.	4.44
	DIVERSION TO							
+		8DWT#4	366.	13.08	104.	26.	13.	4.44
	HYDROGRAPH AT							
+		D45	1372.	13.08	54.	14.	7.	4.44
	ROUTED TO							
+		R45	980.	13.17	54.	14.	7.	4.44
	HYDROGRAPH AT							
+		46-1	152.	12.25	16.	4.	2.	.15
	2 COMBINED AT							
+		CP46-1	989.	13.17	69.	17.	8.	14.51
	ROUTED TO							
+		SR46-1	390.	13.42	53.	13.	6.	14.51
	DIVERSION TO							
+		9DWT#4	164.	13.33	45.	11.	5.	14.51
	HYDROGRAPH AT							
+		D46-1	227.	13.42	8.	2.	1.	14.51
	ROUTED TO							
+		R46-1	130.	13.50	8.	2.	1.	14.51
	HYDROGRAPH AT							
+		46	529.	12.58	91.	23.	11.	.85
	2 COMBINED AT							
+		I1CP46	497.	12.58	93.	24.	11.	15.36
	HYDROGRAPH AT							
+		28	771.	12.50	104.	29.	14.	.86
	HYDROGRAPH AT							
+		!JR1	959.	12.42	105.	27.	13.	.93
	DIVERSION TO							
+		JRBSN	855.	12.42	85.	22.	10.	.93
	HYDROGRAPH AT							
+		DBJR1	103.	12.42	20.	5.	2.	.93
	HYDROGRAPH AT							
+		DBJR1	855.	12.42	85.	22.	10.	.93
	ROUTED TO							
+		SRJR1	63.	13.00	34.	11.	5.	.93
	2 COMBINED AT							
+		2JR1	150.	12.83	52.	16.	8.	.93
	ROUTED TO							
+		RJR1	138.	13.00	51.	16.	8.	.93
	2 COMBINED AT							
+		!JR2	850.	12.50	151.	44.	21.	1.79
	ROUTED TO							
+		RJR2	804.	12.58	151.	44.	21.	1.79
	HYDROGRAPH AT							
+		30	338.	12.25	46.	14.	7.	.28
	2 COMBINED AT							
+		I1CP30	971.	12.50	194.	57.	28.	2.07
	HYDROGRAPH AT							
+		29	280.	12.25	28.	8.	4.	.22
	DIVERSION TO							
+		29RET	141.	12.00	8.	2.	1.	.22

+	HYDROGRAPH AT 29OUT	280.	12.25	22.	6.	3.	.22
+	ROUTED TO SR29	0.	.00	0.	0.	0.	.22
+	ROUTED TO R29	0.	.00	0.	0.	0.	.22
+	2 COMBINED AT !JR3	971.	12.50	194.	57.	28.	2.29
+	ROUTED TO RJR3	905.	12.75	193.	57.	28.	2.29
+	HYDROGRAPH AT 31	596.	12.50	77.	20.	10.	.71
+	2 COMBINED AT !JR4	1382.	12.58	267.	77.	37.	3.00
+	ROUTED TO RJR4	1292.	12.75	267.	77.	37.	3.00
+	2 COMBINED AT !JR5	1750.	12.67	364.	101.	49.	7.69
+	ROUTED TO SR46	1722.	12.75	364.	101.	49.	7.69
+	ROUTED TO R46	1646.	12.92	362.	101.	49.	7.69
+	HYDROGRAPH AT D45-1	396.	13.00	40.	10.	5.	13.98
+	ROUTED TO RD45-1	314.	13.17	40.	10.	5.	13.98
+	HYDROGRAPH AT D45	366.	13.08	104.	26.	13.	4.44
+	ROUTED TO RD45	337.	13.42	104.	26.	13.	4.44
+	2 COMBINED AT I7CWT4	595.	13.25	140.	35.	17.	14.36
+	HYDROGRAPH AT D46-1	164.	13.33	45.	11.	5.	14.51
+	ROUTED TO RD46-1	157.	13.75	45.	11.	5.	14.51
+	2 COMBINED AT I8CWT4	678.	13.33	184.	46.	22.	14.51
+	HYDROGRAPH AT WT4	919.	12.25	80.	20.	10.	.77
+	2 COMBINED AT I9CWT4	1093.	12.33	256.	65.	31.	15.28
+	2 COMBINED AT !!0WT4	1936.	13.08	584.	157.	76.	18.20
+	2 COMBINED AT !!WT4	6255.	13.00	1414.	385.	186.	18.57
+	ROUTED TO RS47	0.	.00	0.	0.	0.	18.57
+	HYDROGRAPH AT D43-1	73.	13.17	11.	3.	1.	1.00
+	ROUTED TO R43-1	56.	14.25	11.	3.	1.	1.00
+	HYDROGRAPH AT D43-2	10.	12.17	1.	0.	0.	1.01

	ROUTED TO						
+	R43-2	4.	13.92	1.	0.	0.	1.01
	HYDROGRAPH AT						
+	D43-3	22.	12.17	5.	1.	1.	1.06
	ROUTED TO						
+	R43-3	14.	13.75	5.	1.	1.	1.06
	HYDROGRAPH AT						
+	303A	486.	12.25	44.	11.	5.	.42
	4 COMBINED AT						
+	1C303A	481.	12.25	61.	15.	7.	1.06
	2 COMBINED AT						
+	CP303A	479.	12.25	60.	15.	7.	1.48
	ROUTED TO						
+	RTCUS	367.	12.50	60.	15.	7.	1.48
	HYDROGRAPH AT						
+	304	1163.	12.33	132.	36.	17.	1.10
	2 COMBINED AT						
+	!TC1	1472.	12.42	188.	50.	24.	2.93
	ROUTED TO						
+	RTC1	1464.	12.42	188.	50.	24.	2.93
	HYDROGRAPH AT						
+	323	162.	12.33	16.	4.	2.	.15
	2 COMBINED AT						
+	!TC2	1610.	12.42	204.	54.	26.	3.08
	DIVERSION TO						
+	DI321	0.	.00	0.	0.	0.	3.08
	HYDROGRAPH AT						
+	D323	1610.	12.42	204.	54.	26.	3.08
	ROUTED TO						
+	RTC2	1443.	12.58	203.	54.	26.	3.08
	HYDROGRAPH AT						
+	324	206.	12.92	38.	10.	5.	.36
	2 COMBINED AT						
+	!TC3	1517.	12.58	230.	61.	29.	13.70
	ROUTED TO						
+	RTC3	1365.	12.75	229.	61.	29.	13.70
	HYDROGRAPH AT						
+	340	283.	13.00	57.	14.	7.	.48
	2 COMBINED AT						
+	!TC4	1571.	12.75	282.	74.	36.	14.18
	ROUTED TO						
+	RTC4	1469.	12.92	281.	74.	36.	14.18
	HYDROGRAPH AT						
+	351	540.	12.83	99.	25.	12.	.76
	2 COMBINED AT						
+	!TC5	1961.	12.92	373.	97.	47.	14.94
	DIVERSION TO						
+	DITC5	1663.	12.92	323.	84.	40.	14.94
	HYDROGRAPH AT						
+	DTC5	298.	12.92	50.	13.	6.	14.94
	HYDROGRAPH AT						
+	DRTC5	1663.	12.92	323.	84.	40.	14.94
	ROUTED TO						
+	SRTC5	588.	13.67	167.	44.	21.	14.94

	2 COMBINED AT						
+		2TC5	658.	13.67	214.	57.	27.	14.94
	ROUTED TO						
+		RTC5	657.	13.67	214.	57.	27.	14.94
	HYDROGRAPH AT						
+		352A	76.	13.08	17.	4.	2.	.13
	2 COMBINED AT						
+		!TC6	690.	13.67	229.	61.	29.	15.07
	DIVERSION TO						
+		DI350	0.	.00	0.	0.	0.	15.07
	HYDROGRAPH AT						
+		D352A	690.	13.67	229.	61.	29.	15.07
	ROUTED TO						
+		RTC6	671.	14.00	227.	61.	29.	15.07
	2 COMBINED AT						
+		!TC7	1383.	13.83	888.	518.	275.	29.83
	DIVERSION TO						
+		DI371	0.	.00	0.	0.	0.	29.83
	HYDROGRAPH AT						
+		1D372	1383.	13.83	888.	518.	275.	29.83
	DIVERSION TO						
+		DI379	0.	.00	0.	0.	0.	29.83
	HYDROGRAPH AT						
+		2D372	1383.	13.83	888.	518.	275.	29.83
	ROUTED TO						
+		RTC7	1345.	14.00	886.	517.	275.	29.83
	HYDROGRAPH AT						
+		382	552.	13.17	150.	38.	18.	.71
	2 COMBINED AT						
+		!TC8	1566.	13.92	884.	547.	291.	30.54
	ROUTED TO						
+		RTC8	1540.	14.17	882.	547.	290.	30.54
	HYDROGRAPH AT						
+		D383	161.	12.92	35.	9.	4.	.18
	2 COMBINED AT						
+		!TC9	1559.	14.08	881.	553.	294.	30.72
	ROUTED TO						
+		RTC9	1544.	14.25	879.	553.	294.	30.72
	HYDROGRAPH AT						
+		2D372	0.	.00	0.	0.	0.	29.83
	ROUTED TO						
+		R372	0.	.00	0.	0.	0.	29.83
	2 COMBINED AT						
+		1I379	1548.	14.25	885.	553.	294.	61.78
	HYDROGRAPH AT						
+		381A	123.	12.58	23.	6.	3.	.10
	ROUTED TO						
+		SR381A	0.	.00	0.	0.	0.	.10
	ROUTED TO						
+		R381A	0.	.00	0.	0.	0.	.10
	2 COMBINED AT						
+		2I379	1555.	14.25	888.	555.	294.	61.88
	HYDROGRAPH AT						
+		379	201.	13.58	61.	15.	7.	.46

+	2 COMBINED AT	3I379	1672.	14.25	892.	569.	302.	62.24
+	HYDROGRAPH AT	D41A1	23.	12.17	3.	1.	0.	.02
+	ROUTED TO	R41A1	13.	13.58	3.	1.	0.	.02
+	HYDROGRAPH AT	D41A2	24.	12.00	2.	1.	0.	.05
+	ROUTED TO	R41A2	13.	13.50	2.	1.	0.	.05
+	2 COMBINED AT	1I303	26.	13.50	5.	1.	1.	.05
+	HYDROGRAPH AT	D41A3	23.	12.25	4.	1.	0.	.08
+	ROUTED TO	R41A3	13.	14.58	4.	1.	0.	.08
+	2 COMBINED AT	2I303	27.	13.58	9.	2.	1.	.08
+	HYDROGRAPH AT	D41A	24.	12.25	5.	1.	1.	.13
+	ROUTED TO	R41A	14.	14.67	5.	1.	1.	.13
+	2 COMBINED AT	3I303	31.	14.42	14.	4.	2.	.13
+	HYDROGRAPH AT	D41-1	45.	12.25	12.	3.	1.	.28
+	ROUTED TO	R41-1	34.	14.17	11.	3.	1.	.28
+	2 COMBINED AT	4I303	64.	14.17	25.	6.	3.	.28
+	HYDROGRAPH AT	D41-2	38.	12.50	14.	3.	2.	.38
+	ROUTED TO	R41-2	33.	14.58	13.	3.	2.	.38
+	2 COMBINED AT	5I303	93.	14.42	37.	10.	5.	.38
+	HYDROGRAPH AT	D41	44.	12.92	30.	9.	4.	.68
+	ROUTED TO	R41	43.	15.33	28.	9.	4.	.68
+	2 COMBINED AT	6I303	112.	15.00	61.	18.	9.	.96
+	HYDROGRAPH AT	303	626.	12.67	96.	24.	12.	.91
+	2 COMBINED AT	CP303	621.	12.67	148.	42.	20.	2.17
+	ROUTED TO	R303	615.	12.75	148.	42.	20.	2.17
+	HYDROGRAPH AT	321	918.	12.17	72.	18.	9.	.66
+	2 COMBINED AT	1I321	1126.	12.25	217.	59.	29.	2.83
+	HYDROGRAPH AT	D323	0.	.00	0.	0.	0.	3.08

+	ROUTED TO R323	0.	.00	0.	0.	0.	3.08
+	2 COMBINED AT CP321	1126.	12.25	217.	59.	29.	4.60
+	ROUTED TO SR321	640.	12.75	133.	37.	18.	4.60
+	ROUTED TO R321	531.	13.08	130.	37.	18.	4.60
+	HYDROGRAPH AT 322	199.	12.92	38.	10.	5.	.34
+	2 COMBINED AT CP322	692.	13.08	161.	46.	22.	4.94
+	ROUTED TO R322	517.	13.58	158.	46.	22.	4.94
+	HYDROGRAPH AT 339	511.	13.17	120.	30.	14.	1.00
+	2 COMBINED AT CP339	868.	13.50	267.	76.	36.	5.94
+	ROUTED TO R339	799.	14.08	262.	76.	36.	5.94
+	HYDROGRAPH AT 349	580.	13.00	120.	30.	14.	.93
+	2 COMBINED AT CP349	894.	13.92	365.	105.	50.	6.87
+	ROUTED TO SR349	890.	14.00	365.	105.	50.	6.87
+	ROUTED TO R349	862.	14.50	362.	105.	50.	6.87
+	HYDROGRAPH AT 350	101.	13.33	26.	7.	3.	.19
+	2 COMBINED AT 1I350	887.	14.42	384.	111.	54.	7.06
+	HYDROGRAPH AT D352A	0.	.00	0.	0.	0.	15.07
+	ROUTED TO R352A	0.	.00	0.	0.	0.	15.07
+	2 COMBINED AT CP350	887.	14.42	384.	111.	54.	8.79
+	ROUTED TO SR350	871.	14.58	348.	99.	48.	8.79
+	ROUTED TO R350	847.	15.08	338.	99.	48.	8.79
+	HYDROGRAPH AT 371	533.	13.67	180.	45.	22.	.93
+	2 COMBINED AT 1I371	1026.	14.83	478.	143.	69.	9.72
+	HYDROGRAPH AT 1D372	0.	.00	0.	0.	0.	29.83
+	ROUTED TO R372	0.	.00	0.	0.	0.	29.83
+	2 COMBINED AT CP371	1030.	14.92	486.	146.	71.	65.40
+	ROUTED TO R371	765.	16.17	377.	119.	58.	65.40

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          2 COMBINED AT
+                         CP379     1672.   14.25       1178.       699.       365.      65.96
          ROUTED TO
+                         SR379     1483.   14.42       1057.       643.       336.      65.96
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APPENDIX G – PROPOSED ALTERNATIVE 1 HYDRAULIC ANALYSIS

CROSS SECTION A160 – 231 CFS

Worksheet for SEMI-SOFT 231 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	3.00	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Discharge	231.00	ft^3/s

Results

Bottom Width	16.75	ft
Flow Area	86.25	ft^2
Wetted Perimeter	41.49	ft
Top Width	40.75	ft
Critical Depth	1.58	ft
Critical Slope	0.01690	ft/ft
Velocity	2.68	ft/s
Velocity Head	0.11	ft
Specific Energy	3.11	ft
Froude Number	0.32	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	1.58	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01690	ft/ft

CROSS SECTION B80 – 497 CFS

Worksheet for HARD 497 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.00	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Discharge	497.00	ft^3/s

Results

Bottom Width	13.35	ft
Flow Area	76.05	ft^2
Wetted Perimeter	38.09	ft
Top Width	37.35	ft
Critical Depth	2.68	ft
Critical Slope	0.00206	ft/ft
Velocity	6.53	ft/s
Velocity Head	0.66	ft
Specific Energy	3.66	ft
Froude Number	0.81	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	2.68	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00206	ft/ft

CROSS SECTION D45 – 497 CFS

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

October 9, 2008

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	8.0
Culvert Rise (ft)	6.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.5
Culvert Length (ft)	300.0
Invert Elevation at Downstream end of Culvert (ft)	20.0
Invert Elevation at Upstream end of Culvert (ft)	21.0
Culvert Slope (ft/ft)	0.0033
Starting Flow Rate (cfs)	248.5
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	248.5
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
248.5	3.0	4.98	5.39	3.21	3.11	3.11	10.0

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CROSS SECTION A190 – 497 CFS

Worksheet for SEMI-SOFT 497 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	3.00	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Discharge	497.00	ft^3/s

Results

Bottom Width	43.58	ft
Flow Area	166.74	ft^2
Wetted Perimeter	68.32	ft
Top Width	67.58	ft
Critical Depth	1.52	ft
Critical Slope	0.01629	ft/ft
Velocity	2.98	ft/s
Velocity Head	0.14	ft
Specific Energy	3.14	ft
Froude Number	0.33	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	1.52	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01629	ft/ft

CROSS SECTION E45 – 248 CFS

PIPE CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

October 9, 2008

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Diameter (ft)	6.0
FHWA Chart Number	1
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.5
Culvert Length (ft)	5,800.0
Invert Elevation at Downstream end of Culvert (ft)	20.0
Invert Elevation at Upstream end of Culvert (ft)	28.7
Culvert Slope (ft/ft)	0.0015
Starting Flow Rate (cfs)	124.0
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	124.0
Starting Tailwater Depth (ft)	0.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	0.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
124.0	0.0	4.38	4.85	3.9	3.01	3.01	8.73

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CROSS SECTION A180 – 441 CFS

Worksheet for SEMI-SOFT 441 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	3.00	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Discharge	441.00	ft^3/s

Results

Bottom Width	38.00	ft
Flow Area	150.00	ft^2
Wetted Perimeter	62.74	ft
Top Width	62.00	ft
Critical Depth	1.52	ft
Critical Slope	0.01636	ft/ft
Velocity	2.94	ft/s
Velocity Head	0.13	ft
Specific Energy	3.13	ft
Froude Number	0.33	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	1.52	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01636	ft/ft

APPENDIX H – PROPOSED ALTERNATIVE 2 HYDRAULIC ANALYSIS

CROSS SECTION A160 – 231 CFS

Worksheet for SEMI-SOFT 231 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	3.00	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Discharge	231.00	ft^3/s

Results

Bottom Width	16.75	ft
Flow Area	86.25	ft^2
Wetted Perimeter	41.49	ft
Top Width	40.75	ft
Critical Depth	1.58	ft
Critical Slope	0.01690	ft/ft
Velocity	2.68	ft/s
Velocity Head	0.11	ft
Specific Energy	3.11	ft
Froude Number	0.32	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	1.58	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01690	ft/ft

CROSS SECTION B110 – 503 CFS

Worksheet for HARD 503 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.00	ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Discharge	503.00	ft^3/s

Results

Bottom Width	17.49	ft
Flow Area	70.46	ft^2
Wetted Perimeter	30.90	ft
Top Width	29.49	ft
Critical Depth	2.65	ft
Critical Slope	0.00202	ft/ft
Velocity	7.14	ft/s
Velocity Head	0.79	ft
Specific Energy	3.79	ft
Froude Number	0.81	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	2.65	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00202	ft/ft

CROSS SECTION D45 – 497 CFS

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

October 9, 2008

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	8.0
Culvert Rise (ft)	6.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.5
Culvert Length (ft)	300.0
Invert Elevation at Downstream end of Culvert (ft)	20.0
Invert Elevation at Upstream end of Culvert (ft)	21.0
Culvert Slope (ft/ft)	0.0033
Starting Flow Rate (cfs)	248.5
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	248.5
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
248.5	3.0	4.98	5.39	3.21	3.11	3.11	10.0

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CROSS SECTION A190 – 503 CFS

Worksheet for SEMI-SOFT 503 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	3.00	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Discharge	503.00	ft^3/s

Results

Bottom Width	44.18	ft
Flow Area	168.53	ft^2
Wetted Perimeter	68.92	ft
Top Width	68.18	ft
Critical Depth	1.52	ft
Critical Slope	0.01628	ft/ft
Velocity	2.98	ft/s
Velocity Head	0.14	ft
Specific Energy	3.14	ft
Froude Number	0.33	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	1.52	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01628	ft/ft

CROSS SECTION B85 – 418 CFS

Worksheet for HARD 418 CFS

Project Description

Friction Method	Manning Formula
Solve For	Bottom Width

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.00	ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Discharge	418.00	ft^3/s

Results

Bottom Width	14.05	ft
Flow Area	60.15	ft^2
Wetted Perimeter	27.46	ft
Top Width	26.05	ft
Critical Depth	2.64	ft
Critical Slope	0.00206	ft/ft
Velocity	6.95	ft/s
Velocity Head	0.75	ft
Specific Energy	3.75	ft
Froude Number	0.81	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	2.64	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00206	ft/ft

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APPENDIX J – RECOMMENDED ALTERNATIVE HYDRAULIC ANALYSIS

PRIMARY CHANNEL – SWEETWATER AVE TO CACTUS RD – SECTION A160

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	40.00	ft
Discharge	441.00	ft^3/s

Results

Normal Depth	2.93	ft
Flow Area	151.32	ft^2
Wetted Perimeter	64.13	ft
Top Width	63.41	ft
Critical Depth	1.48	ft
Critical Slope	0.01647	ft/ft
Velocity	2.91	ft/s
Velocity Head	0.13	ft
Specific Energy	3.06	ft
Froude Number	0.33	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	2.93	ft
Critical Depth	1.48	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01647	ft/ft

PRIMARY CHANNEL – SWEETWATER AVE TO CACTUS RD – SECTION A160

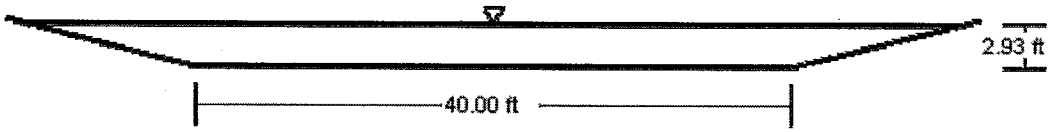
Project Description

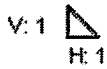
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	2.93	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	40.00	ft
Discharge	441.00	ft^3/s

Cross Section Image





PRIMARY CHANNEL – CACTUS RD TO VARNEY RD – SECTION B80

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	441.00	ft^3/s

Results

Normal Depth	3.00	ft
Flow Area	62.96	ft^2
Wetted Perimeter	28.41	ft
Top Width	26.99	ft
Critical Depth	2.65	ft
Critical Slope	0.00205	ft/ft
Velocity	7.00	ft/s
Velocity Head	0.76	ft
Specific Energy	3.76	ft
Froude Number	0.81	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.00	ft
Critical Depth	2.65	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00205	ft/ft

PRIMARY CHANNEL – CACTUS RD TO VARNEY RD – SECTION B80

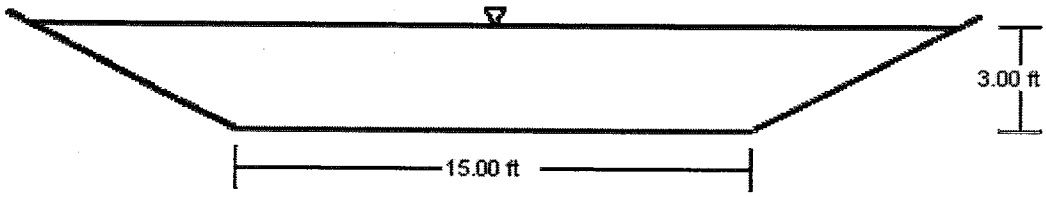
Project Description

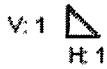
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.00	ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	441.00	ft^3/s

Cross Section Image





PRIMARY CHANNEL – VARNEY RD TO PEORIA AVE – SECTION C45

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Bottom Width	15.00	ft
Discharge	441.00	ft^3/s

Results

Normal Depth	2.62	ft
Flow Area	39.23	ft^2
Wetted Perimeter	20.23	ft
Top Width	15.00	ft
Critical Depth	3.00	ft
Critical Slope	0.00267	ft/ft
Velocity	11.24	ft/s
Velocity Head	1.96	ft
Specific Energy	4.58	ft
Froude Number	1.23	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	2.62	ft
Critical Depth	3.00	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00267	ft/ft

PRIMARY CHANNEL – VARNEY RD TO PEORIA AVE – SECTION C45

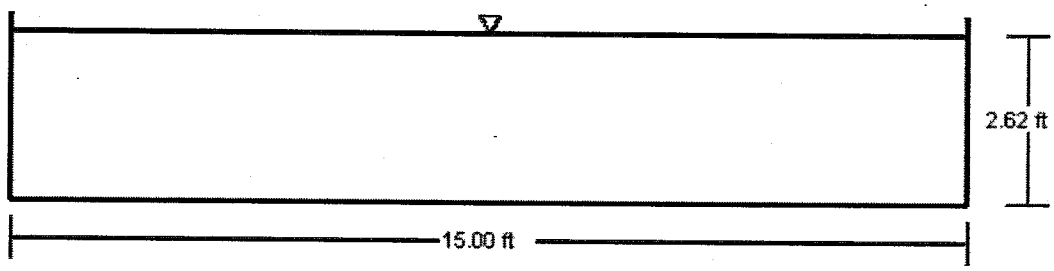
Project Description

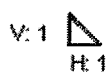
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Normal Depth	2.62	ft
Bottom Width	15.00	ft
Discharge	441.00	ft³/s

Cross Section Image





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PRIMARY CHANNEL – VARNEY RD TO PEORIA AVE – (2)8'x6' CBC 0.4% SLOPE – SECTION D45

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Bottom Width	8.00	ft
Discharge	207.00	ft^3/s

Results

Normal Depth	2.63	ft
Flow Area	21.05	ft^2
Wetted Perimeter	13.26	ft
Top Width	8.00	ft
Critical Depth	2.75	ft
Critical Slope	0.00353	ft/ft
Velocity	9.83	ft/s
Velocity Head	1.50	ft
Specific Energy	4.13	ft
Froude Number	1.07	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	2.63	ft
Critical Depth	2.75	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00353	ft/ft

PRIMARY CHANNEL – VARNEY RD TO PEORIA AVE – (2)8'x6' CBC 0.4% SLOPE – SECTION D45

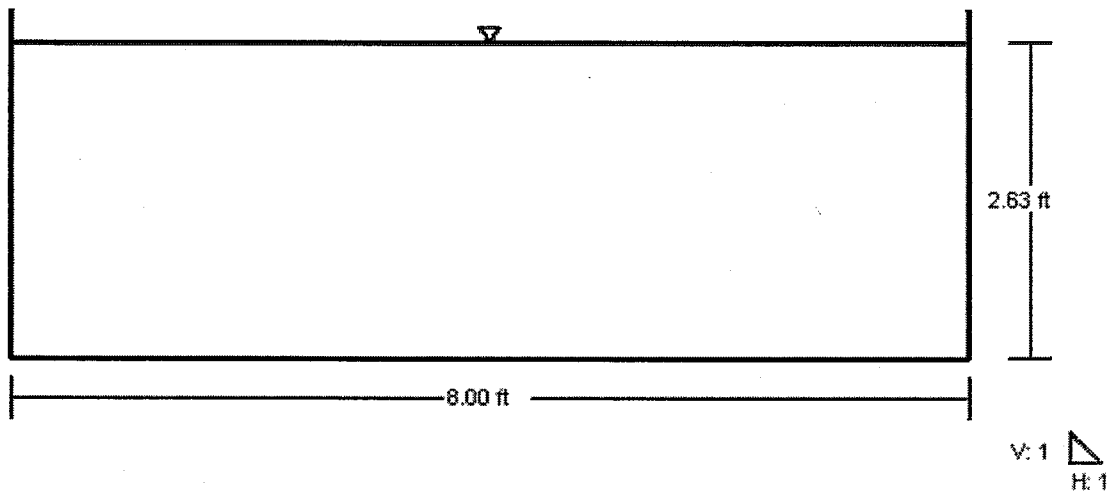
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Normal Depth	2.63	ft
Bottom Width	8.00	ft
Discharge	207.00	ft³/s

Cross Section Image



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PRIMARY CHANNEL – VARNEY RD TO PEORIA AVE – (2)8'x6' CBC 0.13% SLOPE – SECTION D45

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Bottom Width	8.00	ft
Discharge	207.00	ft^3/s

Results

Normal Depth	3.97	ft
Flow Area	31.73	ft^2
Wetted Perimeter	15.93	ft
Top Width	8.00	ft
Critical Depth	2.75	ft
Critical Slope	0.00353	ft/ft
Velocity	6.52	ft/s
Velocity Head	0.66	ft
Specific Energy	4.63	ft
Froude Number	0.58	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.97	ft
Critical Depth	2.75	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00353	ft/f

PRIMARY CHANNEL – VARNEY RD TO PEORIA AVE – (2)8'x6' CBC 0.13% SLOPE – SECTION D45

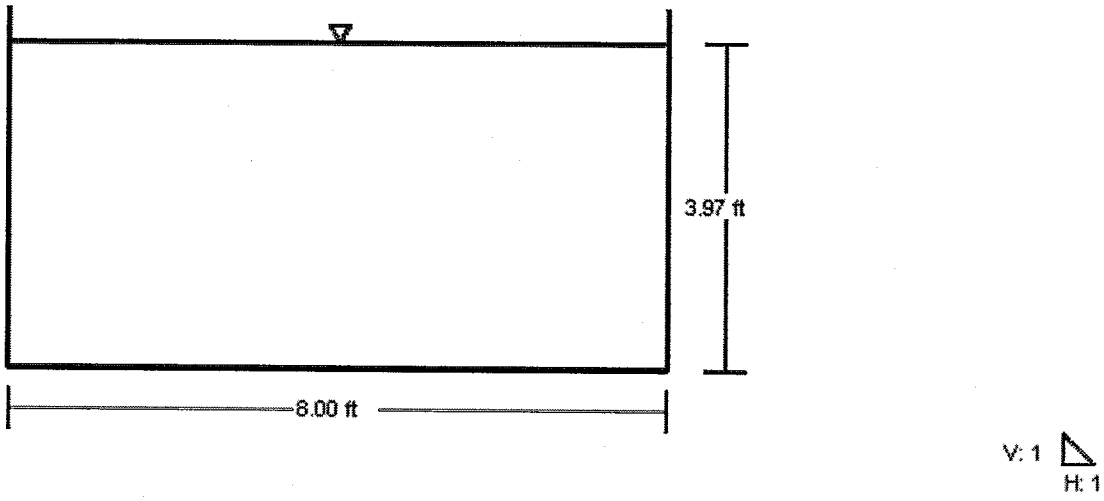
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.97	ft
Bottom Width	8.00	ft
Discharge	207.00	ft³/s

Cross Section Image



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1/20/2009 11:53:05 AM 27 Siemons Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 Page 1 of 1

PRIMARY CHANNEL – (2) 8' x 6' CBC ACROSS PEORIA AVE

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 21, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	8.0
Culvert Rise (ft)	6.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.2
Culvert Length (ft)	158.0
Invert Elevation at Downstream end of Culvert (ft)	1,124.79
Invert Elevation at Upstream end of Culvert (ft)	1,125.31
Culvert Slope (ft/ft)	0.0033
Starting Flow Rate (cfs)	220.5
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	220.5
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
220.5	3.0	4.59	4.58	2.95	2.87	2.95	9.34

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PRIMARY CHANNEL – PEORIA AVE TO CHERYL BASIN – SECTION A240

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	50.00	ft
Discharge	583.00	ft^3/s

Results

Normal Depth	3.06	ft
Flow Area	190.75	ft^2
Wetted Perimeter	75.27	ft
Top Width	74.51	ft
Critical Depth	1.55	ft
Critical Slope	0.01611	ft/ft
Velocity	3.06	ft/s
Velocity Head	0.15	ft
Specific Energy	3.21	ft
Froude Number	0.34	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.06	ft
Critical Depth	1.55	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01611	ft/ft

PRIMARY CHANNEL – PEORIA AVE TO CHERYL BASIN – SECTION A240

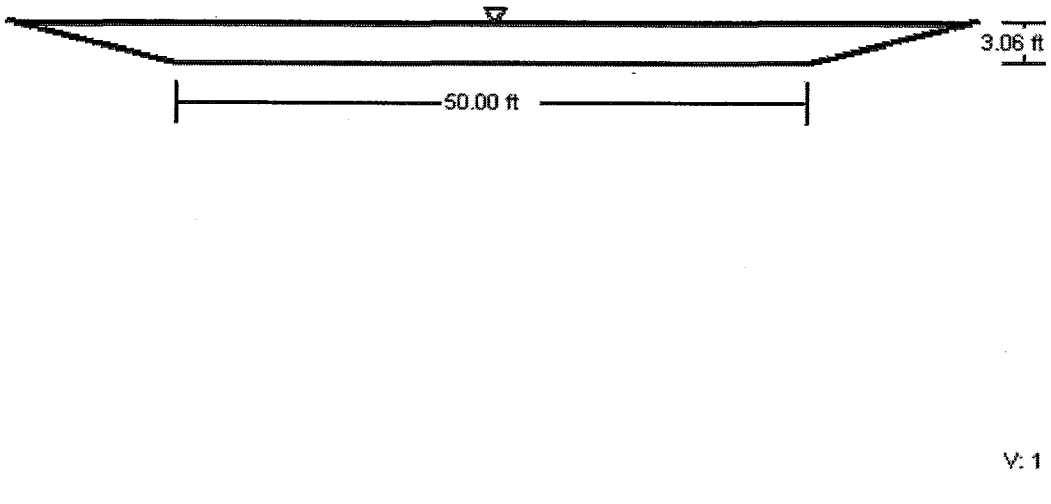
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	3.06	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	50.00	ft
Discharge	583.00	ft^3/s

Cross Section Image



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PRIMARY CHANNEL – CHERYL BASIN STAGE-STORAGE-DISCHARGE CALCULATION

The outlet structure is composed of three parts:

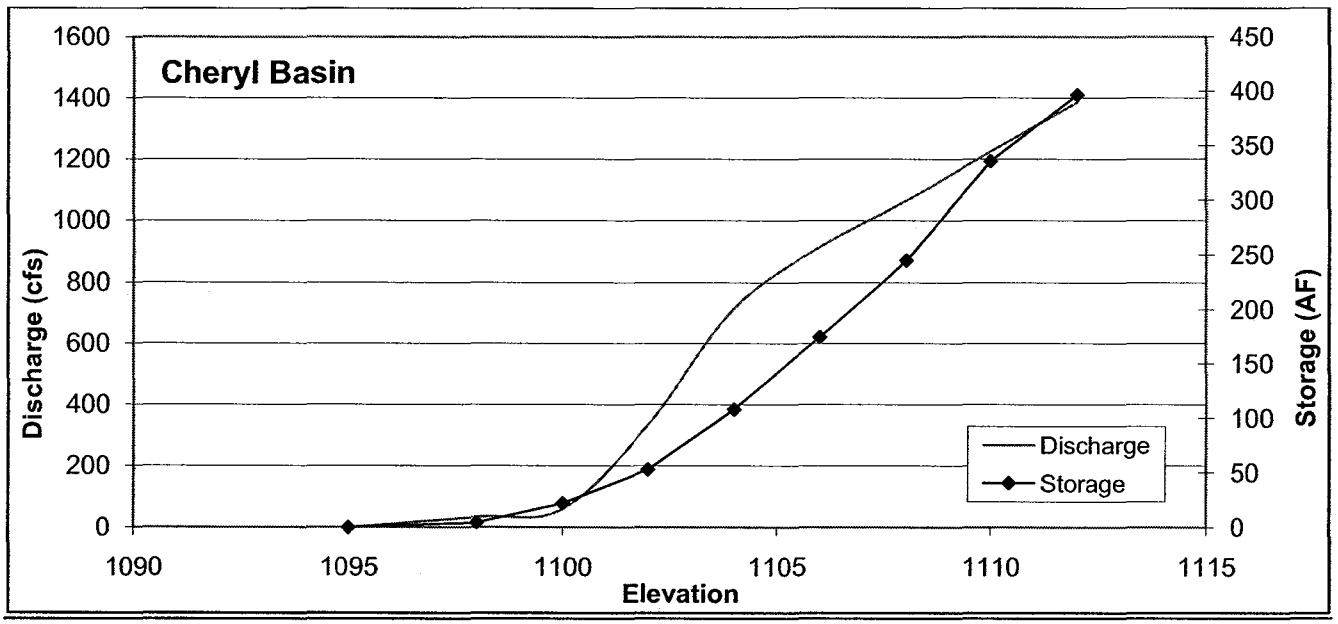
- (1) 36" diameter pipe culvert with an invert of 1095 ft
- (1) 10' x 8' concrete box culvert with an invert of 1096 ft
- (1) concrete-lined weir, 30 ft in length, at an elevation of 1100 ft

The box culvert is isolated from the main basin. Only flow overtopping the weir elevation can pass through the box culvert. Therefore, from elevation 1095 to 1100, the basin outflow is controlled by the 36-inch pipe. Between elevation 1100 and 1102, the basin outflow is controlled by the capacity of the weir. Above elevation 1102, the basin outflow is controlled by the capacity of the box culvert.

Cheryl Basin Stage-Storage-Discharge Table

WSEL (ft)	Discharge (cfs)				Storage Volume (AF)
	36" Pipe	10' x 8' CBC	30-Foot Weir	Total Discharge	
1095	0	0	0	0	0
1098	35	0	0	35	4.6
1100	60	0	0	60	22.1
1102	80	420(1)	255(1)	335	52.9
1104	95	620	n/a(2)	715	108.2
1106	105	810	n/a(2)	915	174.6
1108	115	950	n/a(2)	1065	244.9
1110	125	1100	n/a(2)	1225	335.6
1112	135	1250	n/a(2)	1385	396.5

Notes: (1) Culvert capacity = 420 cfs, however flow overtopping the weir is only 255 cfs. Weir flow is the controlling flow and is added to the combined discharge.
(2) Flow freely overtops the weir and the ground elevation surrounding the pedestrian trail. The combined discharge is governed by the capacity of the box culvert.



CHERYL BASIN OUTFLOW STRUCTURE – (1) 36-INCH CONCRETE PIPE CULVERT

PIPE CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 26, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Diameter (ft)	3.0
FHWA Chart Number	1
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.5
Culvert Length (ft)	170.0
Invert Elevation at Downstream end of Culvert (ft)	1,094.43
Invert Elevation at Upstream end of Culvert (ft)	1,095.04
Culvert Slope (ft/ft)	0.0036
Starting Flow Rate (cfs)	5.0
Incremental Flow Rate (cfs)	10.0
Ending Flow Rate (cfs)	145.0
Starting Tailwater Depth (ft)	0.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	0.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
5.0	0.0	0.95	1.06	0.72	0.7	0.7	3.99
15.0	0.0	1.74	1.92	1.27	1.24	1.24	5.47
25.0	0.0	2.38	2.55	1.72	1.61	1.61	6.45
35.0	0.0	2.99	3.12	2.18	1.92	1.92	7.31
45.0	0.0	3.69	3.73	3.0	2.19	2.19	8.16
55.0	0.0	4.41	3.68	3.0	2.41	3.0	7.78
65.0	0.0	5.37	4.47	3.0	2.59	3.0	9.2
75.0	0.0	6.49	5.29	3.0	2.72	3.0	10.61
85.0	0.0	7.76	6.21	3.0	2.81	3.0	12.03
95.0	0.0	9.19	7.2	3.0	2.87	3.0	13.44
105.0	0.0	10.79	8.29	3.0	2.91	3.0	14.85
115.0	0.0	12.54	9.48	3.0	2.94	3.0	16.27
125.0	0.0	14.45	10.78	3.0	2.96	3.0	17.68
135.0	0.0	16.52	12.18	3.0	2.97	3.0	19.1
145.0	0.0	18.75	13.69	3.0	2.98	3.0	20.51

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CHERYL BASIN OUTFLOW STRUCTURE – (1) 10' x 8' CONCRETE BOX CULVERT

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE
January 26, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	10.0
Culvert Rise (ft)	8.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.2
Culvert Length (ft)	143.0
Invert Elevation at Downstream end of Culvert (ft)	1,095.5
Invert Elevation at Upstream end of Culvert (ft)	1,096.0
Culvert Slope (ft/ft)	0.0035
Starting Flow Rate (cfs)	50.0
Incremental Flow Rate (cfs)	50.0
Ending Flow Rate (cfs)	1,300.0
Starting Tailwater Depth (ft)	0.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	0.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
50.0	0.0	1.41	0.0	0.89	0.92	0.89	5.61
100.0	0.0	2.27	0.0	1.4	1.46	1.4	7.16
150.0	0.0	2.99	0.0	1.83	1.91	1.83	8.21
200.0	0.0	3.64	0.0	2.22	2.32	2.22	9.01
250.0	0.0	4.25	0.0	2.59	2.69	2.59	9.65
300.0	0.0	4.82	0.0	2.94	3.04	2.94	10.2
350.0	0.0	5.35	0.0	3.28	3.36	3.28	10.66
400.0	0.0	5.87	0.0	3.61	3.68	3.61	11.07
450.0	0.0	6.37	0.0	3.93	3.98	3.93	11.44
500.0	0.0	6.85	0.0	4.25	4.27	4.25	11.77
550.0	0.0	7.31	7.27	4.56	4.55	4.56	12.06
600.0	0.0	7.77	7.7	4.86	4.82	4.86	12.33
650.0	0.0	8.21	8.12	5.17	5.08	5.17	12.58
700.0	0.0	8.64	8.52	5.46	5.34	5.46	12.81
750.0	0.0	9.06	8.92	5.76	5.59	5.76	13.03
800.0	0.0	9.61	9.31	6.05	5.84	6.05	13.22
850.0	0.0	10.63	9.69	6.34	6.08	6.34	13.41
900.0	0.0	11.34	10.07	6.63	6.31	6.63	13.58
950.0	0.0	11.9	10.44	6.91	6.55	6.91	13.75
1,000.0	0.0	12.48	10.8	7.19	6.77	7.19	13.9
1,050.0	0.0	13.1	11.15	7.48	7.0	7.48	14.05
1,100.0	0.0	13.74	11.51	7.76	7.22	7.76	14.18
1,150.0	0.0	14.42	11.85	8.0	7.44	8.0	14.38
1,200.0	0.0	15.13	8.93	8.0	7.65	8.0	15.0
1,250.0	0.0	15.87	9.17	8.0	7.86	8.0	15.63
1,300.0	0.0	16.63	0.0	8.0	8.0	8.0	16.25

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PRIMARY CHANNEL – CHERYL BASIN TO NORTHERN PKWY – SECTION A190

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	50.00	ft
Discharge	544.00	ft^3/s

Results

Normal Depth	2.95	ft
Flow Area	182.49	ft^2
Wetted Perimeter	74.35	ft
Top Width	73.62	ft
Critical Depth	1.49	ft
Critical Slope	0.01631	ft/ft
Velocity	2.99	ft/s
Velocity Head	0.14	ft
Specific Energy	3.09	ft
Froude Number	0.34	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	2.95	ft
Critical Depth	1.49	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01631	ft/ft

PRIMARY CHANNEL – CHERYL BASIN TO NORTHERN PKWY – SECTION A190

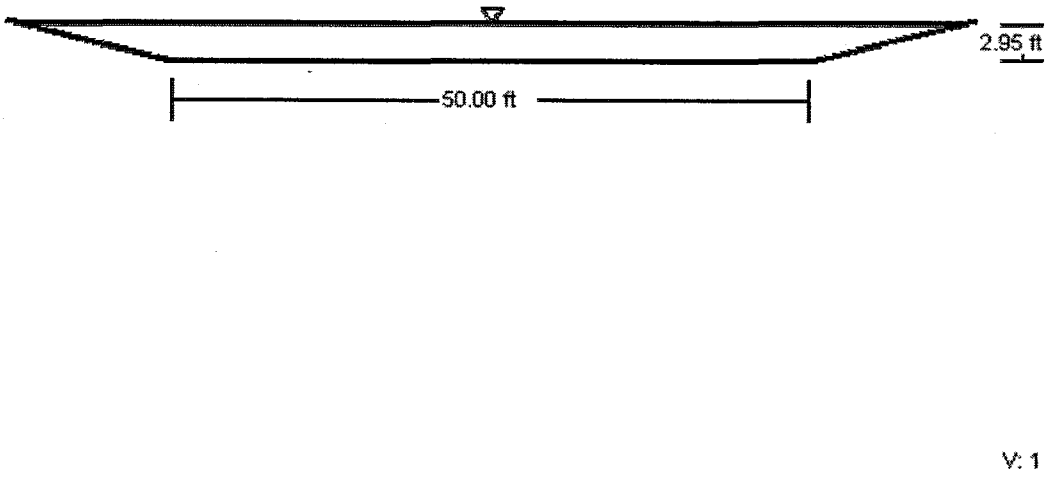
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	2.95	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	50.00	ft
Discharge	544.00	ft^3/s

Cross Section Image



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PRIMARY CHANNEL – (2) 8' x 6' CBC ACROSS OLIVE AVE

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 21, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	8.0
Culvert Rise (ft)	6.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.2
Culvert Length (ft)	162.0
Invert Elevation at Downstream end of Culvert (ft)	1,088.08
Invert Elevation at Upstream end of Culvert (ft)	1,088.61
Culvert Slope (ft/ft)	0.0033
Starting Flow Rate (cfs)	272.0
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	272.0
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
272.0	3.0	5.3	5.26	3.45	3.3	3.45	9.86

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PRIMARY CHANNEL – EAST FROM ROYAL PALM BASIN ALONG SOUTH SIDE OF NORTHERN PKWY – SECTION B110

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	505.00	ft^3/s

Results

Normal Depth	3.24	ft
Flow Area	69.46	ft^2
Wetted Perimeter	29.47	ft
Top Width	27.94	ft
Critical Depth	2.87	ft
Critical Slope	0.00201	ft/ft
Velocity	7.30	ft/s
Velocity Head	0.83	ft
Specific Energy	4.06	ft
Froude Number	0.82	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.24	ft
Critical Depth	2.87	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00201	ft/ft

HRC

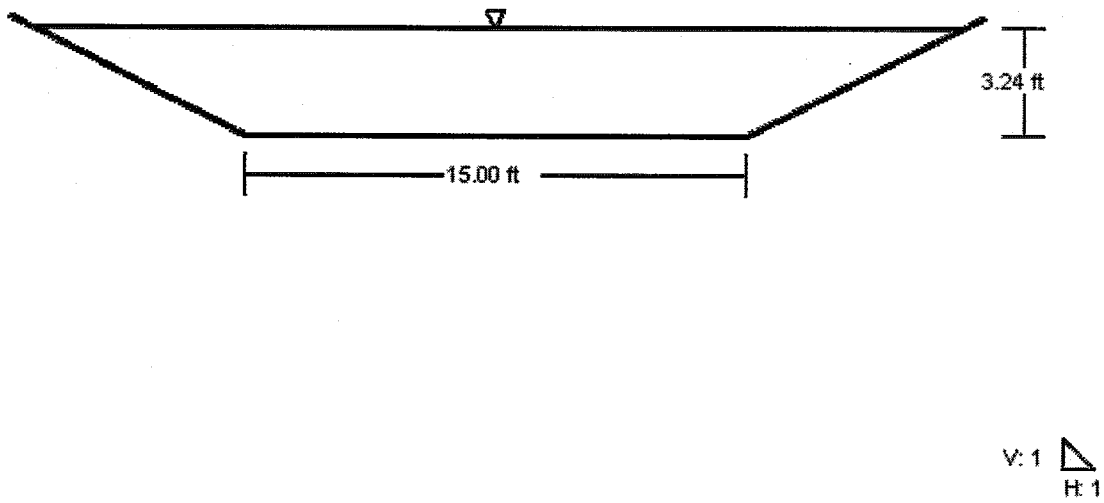
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.24	ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	505.00	ft^3/s

Cross Section Image



HRC

PRIMARY CHANNEL – SOUTH FROM NORTHERN PKWY TO DYSART DRAIN – SECTION B85

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	670.00	ft^3/s

Results

Normal Depth	3.76	ft
Flow Area	84.66	ft^2
Wetted Perimeter	31.81	ft
Top Width	30.04	ft
Critical Depth	3.38	ft
Critical Slope	0.00193	ft/ft
Velocity	7.91	ft/s
Velocity Head	0.97	ft
Specific Energy	4.73	ft
Froude Number	0.83	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.76	ft
Critical Depth	3.38	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00193	ft/ft

HRC

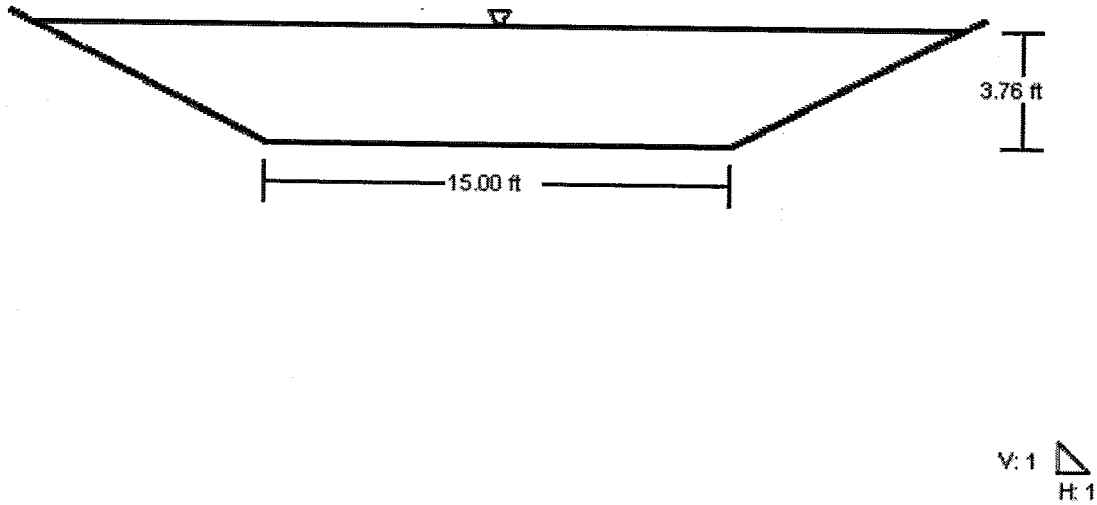
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.76	ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	670.00	ft³/s

Cross Section Image



HRC

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PRIMARY CHANNEL – NORTHERN PKWY TO DYSART DRAIN – SECTIONS B110 AND B85

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	505.00	ft^3/s

Results

Normal Depth	3.24	ft
Flow Area	69.46	ft^2
Wetted Perimeter	29.47	ft
Top Width	27.94	ft
Critical Depth	2.87	ft
Critical Slope	0.00201	ft/ft
Velocity	7.30	ft/s
Velocity Head	0.83	ft
Specific Energy	4.06	ft
Froude Number	0.82	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.24	ft
Critical Depth	2.87	ft
Channel Slope	0.00130	ft/ft
Critical Slope	0.00201	ft/ft

PRIMARY CHANNEL – NORTHERN PKWY TO DYSART DRAIN – SECTIONS B110 AND B85

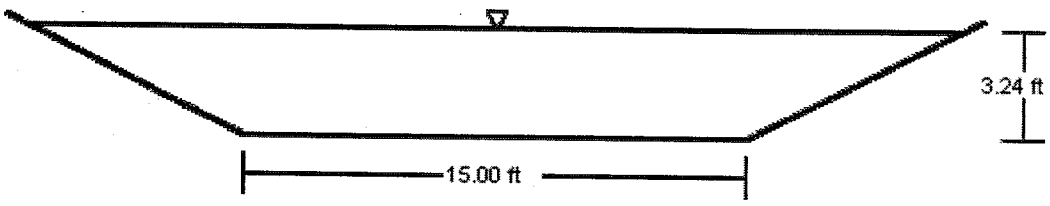
Project Description

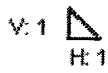
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00130	ft/ft
Normal Depth	3.24	ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	505.00	ft^3/s

Cross Section Image





PRIMARY CHANNEL – ROYAL PALM BASIN STAGE-STORAGE-DISCHARGE CALCULATION

The outlet structure is composed of three parts:

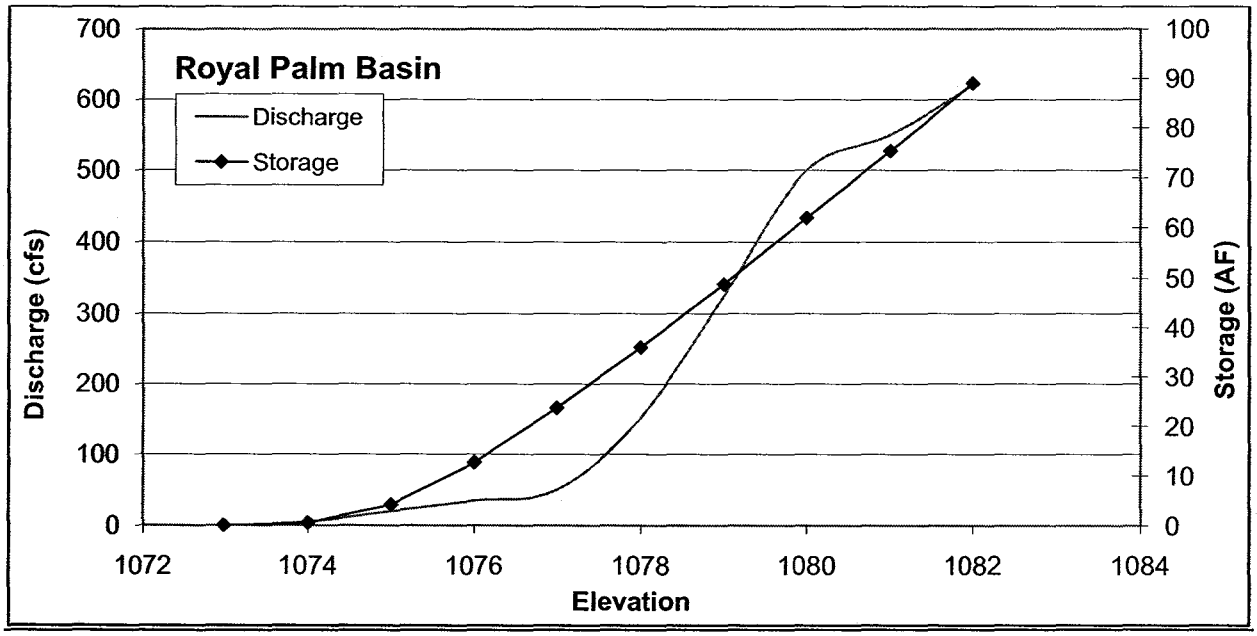
- (1) 36" diameter pipe culvert with an invert of 1073 ft
- (1) concrete-lined weir, 30 ft in length, at an elevation of 1077 ft
- (1) 10' x 6' concrete box culvert under Northern Parkway, with an invert of 1072.91 ft

Flow from the basin passes through the 36-inch pipe and over the spillway, flowing to the box culvert under Northern Parkway. Up to elevation 1077, the basin outflow is controlled by the capacity of the 36-inch pipe. Above elevation 1077, the basin outflow is controlled either by the combined capacity of the 36-inch pipe and the spillway, or by the capacity of the downstream box culvert, whichever is less.

Royal Palm Basin Stage-Storage-Discharge Table

WSEL (ft)	Discharge (cfs)					Storage Volume (AF)
	36" Pipe	30-Foot Weir	Pipe + Weir	10' x 6' CBC	Total Discharge(1)	
1073	0	0	0	1	0	0
1074	5	0	5	30	5	0.5
1075	20	0	20	80	20	4.2
1076	35	0	35	150	35	12.7
1077	50	0	50	225	50	23.7
1078	62	90	152	320	152	36.0
1079	70	255	325	410	325	48.8
1080	80	468	548	500	500(2)	61.9
1081	88	720	808	550	550(2)	75.3
1082	95	1006	1101	620	620(2)	89.0

Notes: (1) Total Discharge is equal to the lesser of either the box culvert capacity or the sum of the pipe plus weir capacity.
(2) The Total Discharge is limited by the box culvert capacity.



ROYAL PALM BASIN OUTFLOW STRUCTURE – (1) 36-INCH CONCRETE PIPE CULVERT

PIPE CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 26, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Diameter (ft)	3.0
FHWA Chart Number	1
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.5
Culvert Length (ft)	13.0
Invert Elevation at Downstream end of Culvert (ft)	1,072.96
Invert Elevation at Upstream end of Culvert (ft)	1,073.0
Culvert Slope (ft/ft)	0.0031
Starting Flow Rate (cfs)	5.0
Incremental Flow Rate (cfs)	5.0
Ending Flow Rate (cfs)	95.0
Starting Tailwater Depth (ft)	0.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	0.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
5.0	0.0	0.95	1.06	0.75	0.7	0.7	3.99
10.0	0.0	1.38	1.53	1.07	1.0	1.0	4.85
15.0	0.0	1.74	1.91	1.33	1.24	1.24	5.47
20.0	0.0	2.07	2.24	1.57	1.44	1.44	5.99
25.0	0.0	2.38	2.55	1.81	1.61	1.61	6.45
30.0	0.0	2.68	2.84	2.05	1.77	1.77	6.89
35.0	0.0	2.99	3.13	2.33	1.92	1.92	7.31
40.0	0.0	3.3	3.41	3.0	2.06	2.06	7.73
45.0	0.0	3.69	3.69	3.0	2.19	3.0	6.37
50.0	0.0	4.0	3.97	3.0	2.3	3.0	7.07
55.0	0.0	4.41	4.26	3.0	2.41	3.0	7.78
60.0	0.0	4.87	4.57	3.0	2.5	3.0	8.49
65.0	0.0	5.37	4.9	3.0	2.59	3.0	9.2
70.0	0.0	5.91	5.25	3.0	2.66	3.0	9.9
75.0	0.0	6.49	3.88	3.0	2.72	3.0	10.61
80.0	0.0	7.1	4.06	3.0	2.77	3.0	11.32
85.0	0.0	7.76	4.23	3.0	2.81	3.0	12.03
90.0	0.0	8.46	4.4	3.0	2.85	3.0	12.73
95.0	0.0	9.19	4.59	3.0	2.87	3.0	13.44

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ROYAL PALM BASIN OUTFLOW STRUCTURE – (1) 10' x 6' CONCRETE BOX CULVERT

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE
January 26, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	10.0
Culvert Rise (ft)	6.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.2
Culvert Length (ft)	370.0
Invert Elevation at Downstream end of Culvert (ft)	1,071.69
Invert Elevation at Upstream end of Culvert (ft)	1,072.91
Culvert Slope (ft/ft)	0.0033
Starting Flow Rate (cfs)	30.0
Incremental Flow Rate (cfs)	30.0
Ending Flow Rate (cfs)	630.0
Starting Tailwater Depth (ft)	0.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	0.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
30.0	0.0	1.0	1.05	0.66	0.65	0.65	4.59
60.0	0.0	1.61	0.0	1.02	1.04	1.02	5.88
90.0	0.0	2.13	0.0	1.33	1.36	1.33	6.78
120.0	0.0	2.59	0.0	1.6	1.65	1.6	7.48
150.0	0.0	3.02	0.0	1.86	1.91	1.86	8.05
180.0	0.0	3.42	0.0	2.11	2.16	2.11	8.54
210.0	0.0	3.8	0.0	2.34	2.39	2.34	8.96
240.0	0.0	4.17	0.0	2.57	2.62	2.57	9.34
270.0	0.0	4.52	0.0	2.79	2.83	2.79	9.68
300.0	0.0	4.86	0.0	3.0	3.04	3.0	9.98
330.0	0.0	5.19	0.0	3.21	3.23	3.21	10.27
360.0	0.0	5.51	0.0	3.42	3.43	3.42	10.52
390.0	0.0	5.83	5.78	3.62	3.62	3.62	10.76
420.0	0.0	6.13	6.07	3.82	3.8	3.82	10.99
450.0	0.0	6.43	6.36	4.02	3.98	4.02	11.2
480.0	0.0	6.73	6.63	4.21	4.15	4.21	11.39
510.0	0.0	7.02	6.9	4.41	4.32	4.41	11.57
540.0	0.0	7.72	7.17	4.6	4.49	4.6	11.75
570.0	0.0	8.3	7.43	4.79	4.66	4.79	11.91
600.0	0.0	8.7	7.69	4.97	4.82	4.97	12.07
630.0	0.0	9.09	7.94	5.16	4.98	5.16	12.21

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PRIMARY CHANNEL – (1) 10' x 10' CBC FROM PRIMARY CHANNEL TO DYSART DRAIN

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

February 6, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	10.0
Culvert Rise (ft)	10.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.2
Culvert Length (ft)	78.0
Invert Elevation at Downstream end of Culvert (ft)	1,061.09
Invert Elevation at Upstream end of Culvert (ft)	1,061.5
Culvert Slope (ft/ft)	0.0053
Starting Flow Rate (cfs)	670.0
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	670.0
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
670.0	3.0	8.3	0.0	4.54	5.19	4.54	14.77

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NORMAL DEPTH CALCULATION INDICATES THAT FLOW DEPTH IN DYSART DRAIN IS 5' FOR A 100-YEAR PEAK FLOW OF 1297 CFS. GIVEN THE DYSART DRAIN BOTTOM ELEVATION OF 1059' AT THE BOX CULVERT OUTLET, THE WSEL IS 1064', WHICH IS 3' ABOVE THE BOX CULVERT OUTLET.

CHERYL BASIN INFLOW CHANNEL – LITCHFIELD RD TO BASIN – SECTION A170

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	30.00	ft
Discharge	363.00	ft^3/s

Results

Normal Depth	3.01	ft
Flow Area	126.46	ft^2
Wetted Perimeter	54.81	ft
Top Width	54.07	ft
Critical Depth	1.54	ft
Critical Slope	0.01648	ft/ft
Velocity	2.87	ft/s
Velocity Head	0.13	ft
Specific Energy	3.14	ft
Froude Number	0.33	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	3.01	ft
Critical Depth	1.54	ft
Channel Slope	0.00150	ft/ft
Critical Slope	0.01648	ft/ft

CHERYL BASIN INFLOW CHANNEL – (3) 48" PIPE CULVERTS ACROSS LITCHFIELD RD

PIPE CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 21, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Diameter (ft)	4.0
FHWA Chart Number	1
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.5
Culvert Length (ft)	152.0
Invert Elevation at Downstream end of Culvert (ft)	1,106.0
Invert Elevation at Upstream end of Culvert (ft)	1,106.5
Culvert Slope (ft/ft)	0.0033
Starting Flow Rate (cfs)	121.0
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	121.0
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
121.0	3.0	6.36	4.95	4.0	3.31	4.0	9.63

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CHERYL BASIN INFLOW CHANNEL – LITCHFIELD RD TO BASIN – SECTION A170

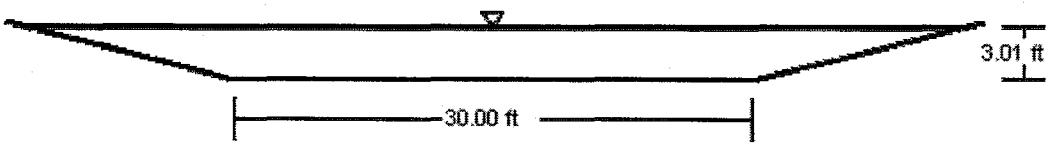
Project Description

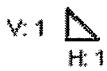
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.035	
Channel Slope	0.00150	ft/ft
Normal Depth	3.01	ft
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	30.00	ft
Discharge	363.00	ft^3/s

Cross Section Image





SECONDARY CHANNEL – (2) 48" PIPE CULVERTS ACROSS OLIVE AVE

PIPE CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 21, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Diameter (ft)	4.0
FHWA Chart Number	1
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.5
Culvert Length (ft)	483.0
Invert Elevation at Downstream end of Culvert (ft)	1,103.55
Invert Elevation at Upstream end of Culvert (ft)	1,105.48
Culvert Slope (ft/ft)	0.004
Starting Flow Rate (cfs)	119.5
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	119.5
Starting Tailwater Depth (ft)	2.4
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	2.4

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
119.5	2.4	6.27	5.72	4.0	3.29	4.0	9.51

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SECONDARY CHANNEL – OLIVE AVE TO NORTHERN PKWY – SECTION C65

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Bottom Width	15.00	ft
Discharge	383.00	ft^3/s

Results

Normal Depth	2.38	ft
Flow Area	35.71	ft^2
Wetted Perimeter	19.76	ft
Top Width	15.00	ft
Critical Depth	2.73	ft
Critical Slope	0.00267	ft/ft
Velocity	10.73	ft/s
Velocity Head	1.79	ft
Specific Energy	4.17	ft
Froude Number	1.23	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	2.38	ft
Critical Depth	2.73	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00267	ft/ft

SECONDARY CHANNEL – OLIVE AVE TO NORTHERN PKWY – SECTION C65

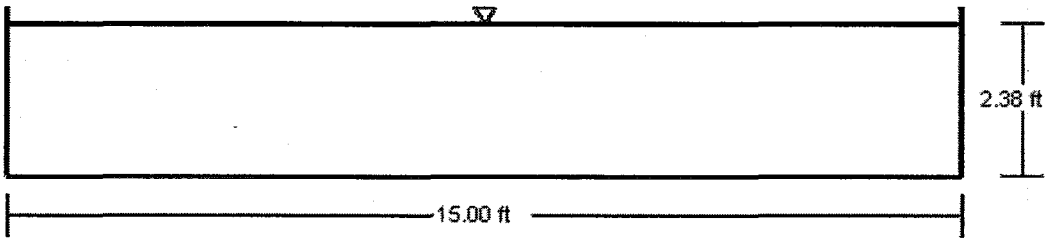
Project Description

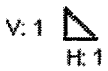
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Normal Depth	2.38	ft
Bottom Width	15.00	ft
Discharge	383.00	ft^3/s

Cross Section Image





SECONDARY CHANNEL – (2) 8' x 6' CBC ACROSS NORTHERN PKWY

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 21, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	8.0
Culvert Rise (ft)	6.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.2
Culvert Length (ft)	334.0
Invert Elevation at Downstream end of Culvert (ft)	1,091.98
Invert Elevation at Upstream end of Culvert (ft)	1,093.32
Culvert Slope (ft/ft)	0.004
Starting Flow Rate (cfs)	258.0
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	258.0
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
258.0	3.0	5.11	0.0	3.08	3.19	3.08	10.47

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SECONDARY CHANNEL – NORTHERN PKWY TO DYSART DRAIN – SECTION B80

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	516.00	ft^3/s

Results

Normal Depth	2.40	ft
Flow Area	47.46	ft^2
Wetted Perimeter	25.72	ft
Top Width	24.59	ft
Critical Depth	2.90	ft
Critical Slope	0.00200	ft/ft
Velocity	10.87	ft/s
Velocity Head	1.84	ft
Specific Energy	4.23	ft
Froude Number	1.38	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	2.40	ft
Critical Depth	2.90	ft
Channel Slope	0.00400	ft/ft
Critical Slope	0.00200	ft/ft

SECONDARY CHANNEL – NORTHERN PKWY TO DYSART DRAIN – SECTION B80

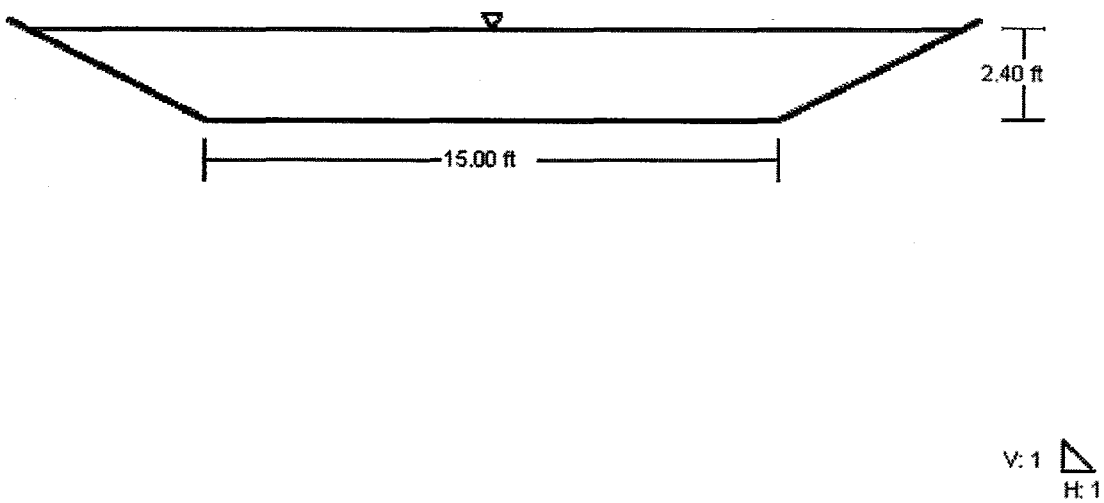
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.013	
Channel Slope	0.00400	ft/ft
Normal Depth	2.40	ft
Left Side Slope	2.00	ft/ft (H:V)
Right Side Slope	2.00	ft/ft (H:V)
Bottom Width	15.00	ft
Discharge	516.00	ft^3/s

Cross Section Image



Bentley Systems, Inc. Haestad Methods Solution Center
Bentley FlowMaster [08.01.071.00]
1/20/2009 2:16:30 PM 27 Siemons Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 Page 1 of 1

SECONDARY CHANNEL – (2) 10' x 4' CBC FROM CHANNEL TO DYSART DRAIN

BOX CULVERT ANALYSIS
COMPUTATION OF CULVERT PERFORMANCE CURVE

January 21, 2009

PROGRAM INPUT DATA

DESCRIPTION	VALUE
Culvert Span (ft)	10.0
Culvert Rise (ft)	4.0
FHWA Chart Number	8
FHWA Scale Number (Type of Culvert Entrance)	1
Manning's Roughness Coefficient (n-value)	0.013
Entrance Loss Coefficient of Culvert Opening	0.2
Culvert Length (ft)	153.0
Invert Elevation at Downstream end of Culvert (ft)	1,082.5
Invert Elevation at Upstream end of Culvert (ft)	1,083.11
Culvert Slope (ft/ft)	0.004
Starting Flow Rate (cfs)	258.0
Incremental Flow Rate (cfs)	0.0
Ending Flow Rate (cfs)	258.0
Starting Tailwater Depth (ft)	3.0
Incremental Tailwater Depth (ft)	0.0
Ending Tailwater Depth (ft)	3.0

COMPUTATION RESULTS

Flow Rate (cfs)	Tailwater Depth (ft)	Headwater (ft) Inlet Control	Headwater (ft) Outlet Control	Normal Depth (ft)	Critical Depth (ft)	Depth at Outlet (ft)	Outlet Velocity (fps)
258.0	3.0	4.45	0.0	2.53	2.75	2.53	10.2

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APPENDIX K – PROPOSED ALTERNATIVES COST ESTIMATES

Cost Evaluation for Proposed Alternative 1	
Item	Cost
Proposed AT&SF Alternative 1 - Construction, Engineering and Administration	$21,208,047
Proposed AT&SF Alternative 1 - Right-of-Way	$8,991,163
Total AT&SF Alternative 1	$30,199,210
Credit for Overlapping Drainage Structures (incl. contingencies)	-$2,448,499
Credit for Overlapping Right-of-Way	-$4,316,299
Total Credit	-$6,764,798
Total Combined AT&SF and Northern Parkway Drainage Costs	**$23,434,412**

Cost Evaluation for Proposed Alternative 2	
Item	Cost
Proposed AT&SF Alternative 2 - Construction, Engineering and Administration	$21,685,682
Proposed AT&SF Alternative 2 - Right-of-Way	$10,851,511
Total AT&SF Alternative 2	$32,537,193
Credit for Overlapping Drainage Structures (incl. contingencies)	-$4,315,266
Credit for Overlapping Right-of-Way	-$4,672,130
Total Credit	-$8,987,396
Total Combined AT&SF and Northern Parkway Drainage Costs	**$23,549,797**

Cost Evaluation for Recommended Alternative	
Item	Cost
Recommended Alternative - Construction, Engineering and Administration	$20,083,633
Recommended Alternative - Right-of-Way	$11,164,532
Total AT&SF Alternative 2	$31,248,165
Credit for Overlapping Drainage Structures (incl. contingencies)	-$4,315,266
Credit for Overlapping Right-of-Way	-$4,672,130
Total Credit	-$8,987,396
Total Combined AT&SF and Northern Parkway Drainage Costs	**$22,260,769**

AT&SF CHANNEL AND BASIN CAR FCD 2007C016 ASSIGNMENT 2 RECOMMENDED ALTERNATIVE APPROXIMATE COST CALCULATIONS			
SECTION A - UNLINED CHANNEL		11,010	$2,406,302
Topwidth	Cost per Linear Foot	Length (ft)	Cost
160	$191	2,500	$477,778
170	$201	950	$191,214
190	$225	6,510	$1,466,799
240	$258	1,050	$270,511
SECTION B - LINED TRAPEZOIDAL CHANNEL		7,748	$3,832,440
Topwidth	Cost per Linear Foot	Length (ft)	Cost
80	$490	4,065	$1,993,092
85	$494	2,343	$1,156,357
110	$510	1,340	$682,991
SECTION C - LINED RECTANGULAR CHANNEL		4,177	$2,162,906
Topwidth	Cost per Linear Foot	Length (ft)	Cost
45	$509	1,335	$679,540
65	$522	2,842	$1,483,366
SECTION D - CONCRETE BOX CULVERT		1,920	$1,932,000
Number and Size	Cost per Linear Foot	Length (ft)	Cost
(2) 8' x 6' CBC	$1,006	1,920	$1,932,000
SECTION F - BASIN WITH AMENITIES		1	$4,273,707
Size (Ac.)	Cost per Basin	No. of Basins	Cost
40	$4,273,707	1	$4,273,707
SECTION F - BASIN WITHOUT AMENITIES		1	$1,097,067
Size (Ac.)	Cost per Basin	No. of Basins	Cost
17	$1,097,067	1	$1,097,067
MAJOR RAILROAD / ROADWAY CROSSINGS		10	$1,869,670
Size	Cost per Crossing	No. Crossings	Cost
(3) 8' x 6' CBC x 110 ft length	$151,084	8	$1,208,676
(3) 8' x 6' CBC x 270 ft length	$330,497	2	$660,994
SUB-TOTAL CONSTRUCTION			$17,574,092
CONTINGENCIES			$5,272,227
Type	% of Structure and ROW Cost		Cost
Utility Relocation and Miscellaneous Costs	10%		$1,757,409
Engineering Design	10%		$1,757,409
Construction Administration / Management	10%		$1,757,409
SUB-TOTAL CONSTRUCTION, ENGR., AND ADMIN.			$22,846,319
RIGHT-OF-WAY ACQUISITION		127	$11,093,575
Type	Cost per Acre	Acreage	Cost
North of Peoria Avenue	$150,000	16	$2,400,000
South of Peoria Avenue	$78,250	111	$8,693,575
SUB-TOTAL RIGHT-OF-WAY ACQUISITION			$11,093,575
TOTAL ALTERNATIVE COST			$33,939,894

AT&SF CHANNEL AND BASIN CAR
FCD 2007C016 ASSIGNMENT 2
RECOMMENDED ALTERNATIVE APPROXIMATE QUANTITIES

		Total ROW Acreages =	127.1	16.0	111.1
SECTION A - UNLINED CHANNEL	11,010	2,050,400	47.1	9.2	37.9
Topwidth	Length (ft)	ROW Area (sq. ft.)	ROW Area (Acres)	% ROW N. of Peoria Ave.	% ROW S. of Peoria Ave.
160	2,500	400,000	9.2	100%	0%
170	950	161,500	3.7	0%	100%
190	6,510	1,236,900	28.4	0%	100%
240	1,050	252,000	5.8	0%	100%
SECTION B - LINED TRAPEZOIDAL CHANNEL	7,748	671,755	15.4	3.4	12.0
Topwidth	Length (ft)	ROW Area (sq. ft.)	ROW Area (Acres)	% ROW N. of Peoria Ave.	% ROW S. of Peoria Ave.
80	4,065	325,200	7.5	46%	54%
85	2,343	199,155	4.6	0%	100%
110	1,340	147,400	3.4	0%	100%
SECTION C - LINED RECTANGULAR CHANNEL	4,177	244,805	5.6	1.4	4.2
Topwidth	Length (ft)	ROW Area (sq. ft.)	ROW Area (Acres)	% ROW N. of Peoria Ave.	% ROW S. of Peoria Ave.
45	1,335	60,075	1.4	100%	0%
65	2,842	184,730	4.2	0%	100%
SECTION D - CONCRETE BOX CULVERT	1,920	86,400	2.0	2.0	0.0
Topwidth - Number and Size	Length (ft)	ROW Area (sq. ft.)	ROW Area (Acres)	% ROW N. of Peoria Ave.	% ROW S. of Peoria Ave.
45 - (2) 8' x 6' CBC	1,920	86,400	2.0	100%	0%
SECTION F - BASIN WITH AMENITIES	1		40.0	0.0	40.0
Size (Ac.)	No. of Basins		ROW Area (Acres)	% ROW N. of Peoria Ave.	% ROW S. of Peoria Ave.
40	1		40.0	0%	100%
SECTION F - BASIN WITHOUT AMENITIES	1		17.0	0.0	17.0
Size (Ac.)	No. of Basins		ROW Area (Acres)	% ROW N. of Peoria Ave.	% ROW S. of Peoria Ave.
17	1		17.0	0%	100%
MAJOR RAILROAD / ROADWAY CROSSINGS	10				
Size	No. of Crossings				
(2) 8' x 6' CBC x 160 ft length	8				
(2) 8' x 6' CBC x 350 ft length	2				

AT&SF CHANNEL AND BASIN CAR
FCD 2007C016 ASSIGNMENT 2
RECOMMENDED ALTERNATIVE UNIT COST CALCULATIONS

2/6/2009

					Earthwork				Concrete				Landscape			
	Topwidth W	Bottom Width B			Volume per Linear Foot (cu.ft.)	Volume per Linear Foot (cu.yd.)	Unit Cost ($/cu. yd.)	Cost per Linear Foot	Volume per Linear Foot (cu.ft.)	Volume per Linear Foot (cu.yd.)	Unit Cost ($/cu. yd.)	Cost per Linear Foot	Area per Linear Foot (sq.ft.)	Unit Cost ($/sq.ft.)	Cost per Linear Foot	Total Cost Per Linear Foot
SECTION A - UNLINED CHANNEL																
Flow Depth = 3 ft	160	40			456	17	$8	$135	0	0	$500	$0	160	$0.35	$56	$191
Channel Depth = 4 ft	190	50			536	20	$8	$159	0	0	$500	$0	190	$0.35	$67	$225
Channel Depth = 4 ft	240	50			586	22	$8	$174	0	0	$500	$0	240	$0.35	$84	$258
Total Depth = 6 ft	170	30			416	15	$8	$123	1	0	$500	$19	170	$0.35	$60	$201
Side Slopes = 4:1																
SECTION B - LINED TRAPEZOIDAL CHANNEL																
Flow Depth = 3 ft	80	15			203	8	$8	$60	22	0.81	$500	$407	65	$0.35	$23	$490
Flow Depth = 3 ft	85	15			208	8	$8	$62	22	0.81	$500	$407	70	$0.35	$25	$494
Channel Depth = 4 ft	110	15			233	9	$8	$69	22	0.81	$500	$407	95	$0.35	$33	$510
Total Depth = 6 ft																
Side Slopes = 2:1																
SECTION C - LINED RECTANGULAR CHANNEL																
S = 0.0015 ft/ft	45	15			120	4	$8	$36	25	1	$500	$463	30	$0.35	$11	$509
Manning's n = 0.013	65	15			140	5	$8	$41	25	1	$500	$463	50	$0.35	$18	$522
Flow Depth = 3 ft																
Channel Depth = 4 ft																
Total Depth = 6 ft																
Side Slopes = Vertical																
SECTION D - CONCRETE BOX CULVERTS																
(2) 8' x 6' CBC	45				432	16	$8	$128		1.725	$500	$863	45	$0.35	$16	$1,006

				Earthwork				Amenities	Landscape			
	Area (Ac.)	Basin Max. Depth	Basin Avg. Depth	Volume (cu. ft.)	Volume (cu. yd.)	Unit Cost ($/cu. yd.)	Cost	Cost per Basin	Area (Ac.)	Unit Cost ($/sq.ft.)	Cost	Total Cost Per Basin
SECTION F - BASIN WITH AMENITIES												
	40	14	7	12,196,800	451,733	$8	$3,613,867	$50,000	40	$0.35	$609,840	$4,273,707
SECTION F - BASIN WITHOUT AMENITIES												
	17	10	5	3,702,600	137,133	$8	$1,097,067	$0	0	$0.35	$0	$1,097,067

					Earthwork				Concrete							
	Span per Barrel (ft)	Height (ft)	Wall Thickness (in)	Length (ft)	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost per Crossing		Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost per Crossing				Total Cost per Crossing
MAJOR RAILROAD / ROADWAY CROSSINGS																
(2) 8' x 6' CBC x 160 ft. length	8	6	9	160	44,160	1636	$8	$13,084		276	$500	$138,000				$151,084
(2) 8' x 6' CBC x 350 ft. length	8	6	9	350	96,600	3578	$8	$28,622		604	$500	$301,875				$330,497

APPENDIX L – PRELIMINARY PLAN COST ESTIMATE

AT&SF CHANNEL AND BASIN CAR FCD 2007C016 ASSIGNMENT 2 PRELIMINARY PLAN COST SUMMARY BY PHASE			
PHASE 1A CONSTRUCTION			$6,579,200
PHASE 1B CONSTRUCTION			$1,436,564
PHASE 2 CONSTRUCTION			$9,639,557
PHASE 3 CONSTRUCTION			$4,727,040
PHASE 4 CONSTRUCTION			$600,724
SUB-TOTAL CONSTRUCTION			**$22,983,084**
Type	% of Construction		Cost
Utility Relocation and Miscellaneous Costs	10%		$2,298,309
Engineering Design	10%		$2,298,309
Construction Administration / Management	10%		$2,298,309
CONTINGENCIES			**$6,894,927**
SUB-TOTAL CONSTRUCTION, ENGR., AND ADMIN.			**$29,878,011**
Type	Cost per Acre	Acreage	Cost
North of Peoria Avenue	$150,000	17	$2,569,301
South of Peoria Avenue	$78,250	110	$8,595,231
SUB-TOTAL RIGHT-OF-WAY ACQUISITION		**127**	**$11,164,532**
TOTAL AT&SF PRELIMINARY PLAN COST			**$41,042,543**

AT&SF CHANNEL AND BASIN CAR FCD 2007C016 ASSIGNMENT 2 PREIMINARY PLAN COST SUMMARY BY PHASE, INCLUDING CREDIT FOR BASIN EXCAVATION			
PHASE 1A CONSTRUCTION			$6,579,200
Less credit for Royal Palm Basin Excavation			-$1,678,480
			$4,900,720
PHASE 1B CONSTRUCTION			**$1,436,564**
PHASE 2 CONSTRUCTION			$9,639,557
Less Credit for Cheryl Basin Excavation			-$4,843,096
			$4,796,461
PHASE 3 CONSTRUCTION			**$4,727,040**
PHASE 4 CONSTRUCTION			**$600,724**
SUB-TOTAL CONSTRUCTION			**$16,461,509**
Type	% of Construction		Cost
Utility Relocation and Miscellaneous Costs	10%		$1,646,151
Engineering Design	10%		$1,646,151
Construction Administration / Management	10%		$1,646,151
CONTINGENCIES			**$4,938,453**
SUB-TOTAL CONSTRUCTION, ENGR., AND ADMIN.			**$21,399,962**
Type	Cost per Acre	Acreage	Cost
North of Peoria Avenue	$150,000	17	$2,569,301
South of Peoria Avenue	$78,250	110	$8,595,231
SUB-TOTAL RIGHT-OF-WAY ACQUISITION		**127**	**$11,164,532**
TOTAL AT&SF INCLUDING CREDIT FOR BASIN EXCAVATION			**$32,564,494**

AT&SF RAILROAD CHANNEL AND BASIN
PHASE 1A COST CALCULATIONS

	Topwidth W	Bottom Width B	Capacity (cfs)	Velocity (fps)	Earthwork Length (ft)	Earthwork Volume (cu.yd.)	Earthwork Unit Cost ($/cu. yd.)	Earthwork Cost	Concrete Volume per Linear Foot (cu.ft.)	Concrete Volume per Linear Foot (cu.yd.)	Concrete Volume (cu. yd)	Concrete Unit Cost ($/cu. yd.)	Concrete Cost	Landscape Area per Linear Foot (sq.ft.)	Landscape Area (sq. ft.)	Landscape Unit Cost ($/sq.ft.)	Landscape Cost	Fence Length	Fence Unit cost ($/ft)	Fence Cost	Total Cost
SECTION B - LINED TRAPEZOIDAL CHANNEL																					
N/A																					
SECTION B - LINED TRAPEZOIDAL CHANNEL																					
Main Channel along 133rd Ave, Dysart Drain to Northern Pkwy: Total Depth = 9 ft, Sideslopes = 2:1 (B110)	110	15			1,600	19,788	$8	$158,304	37	1.36	2183	$500	$1,091,343	20	32,000	$0.35	$11,200	3,200	$6	$19,200	$1,280,047
Main Channel along Northern Pkwy, 133rd Ave to 135th Ave: Total Depth = 9 ft, Sideslopes = 2:1 (B85)	85	15			2,100	31,961	$8	$255,688	37	1.36	2865	$500	$1,432,387	20	42,000	$0.35	$14,700	4,200	$6	$25,200	$1,727,975
Secondary Channel, along 143rd Ave, Dysart Drain to Northern Pkwy: Total Depth = 4 ft, Sideslopes = 2:1 (B80)	80	15			2,220	11,205	$8	$89,640	22	0.81	1803	$500	$901,390	20	44,400	$0.35	$15,540	4,440	$6	$26,640	$1,033,210
SECTION C - CONCRETE RECTANGULAR CHANNEL																					
N/A																					
SECTION D - CONCRETE BOX CULVERTS																					
N/A																					

	Area (Ac.)	Basin Max. Depth	Basin Avg. Depth			Earthwork Volume (cu. yd.)	Earthwork Unit Cost ($/cu. yd.)	Earthwork Cost	Amenities Cost per Basin	Landscape Area (Ac.)	Landscape Area (sq. ft.)	Landscape Unit Cost ($/sq.ft.)	Landscape Cost	Fence Length	Fence Unit cost ($/ft)	Fence cost	Total Cost
SECTION F - BASIN																	
Royal Palm Basin	17	10	7			209,810	$8	$1,678,480	$0	0.9	39204	$0.35	$13,721	3,500	$6	$21,000	$1,713,201

	Span per Barrel (ft)	Height (ft)	Wall Thickness (in)	Length (ft)			Earthwork Volume per Crossing (cu.ft.)	Earthwork Volume per Crossing (cu.yd.)	Earthwork Unit Cost ($/cu. yd.)	Earthwork Cost	Concrete Volume per Crossing (cu.ft.)	Concrete Volume per Crossing (cu.yd.)		Concrete Unit Cost ($/cu. yd.)	Concrete Cost					Riprap Volume (cu. yd)	Riprap Unit Cost ($/cu.yd.)	Riprap Cost	Total Cost
MAJOR RAILROAD/ROADWAY CROSSINGS & STRUCTURES																							
Main Channel Outlet to Dysart Drain: (1) 10' x 10' CBC, L = 78'	10	10	12	78			11,232	416	$8	$3,328	3,120	116		$500	$57,778					$0	$60	$0	$61,106
Main Channel at Northern Pkwy: (1) 10' x 6' CBC, L = 78'	10	6	12	370			35,520	1,316	$8	$10,524	11,840	439		$500	$219,259					$0	$60	$0	$229,784
Secondary Channel Outlet to Dysart Drain: (2) 10' x 4' CBC, L = 153'	10	4	12	153			21,114	782	$8	$6,256	4,284	159		$500	$158,667					$0	$60	$0	$164,923
Secondary Channel at Northern Pkwy: (2) 8' x 6' CBC, L = 334'	8	6	12	334			48,096	1,781	$8	$14,251	9,352	346		$500	$346,370					$0	$60	$0	$360,621
5.5' Drop Structure, Main and Secondary Channel	15		12	30							450	17		$500	$8,333					$0	$60	$0	$8,333

CONSTRUCTION COST	**$6,579,200**
ROW (ACRE)	**29.2**

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February 9, 2009

AT&SF RAILROAD CHANNEL AND BASIN
PHASE 1B COST CALCULATIONS

					Earthwork				Concrete					Landscape				Fence			
	Topwidth W	Bottom Width B	Capacity (cfs)	Velocity (fps)	Length (ft)	Volume (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Linear Foot (cu.ft.)	Volume per Linear Foot (cu.yd.)	Volume (cu. yd)	Unit Cost ($/cu. yd.)	Cost	Area per Linear Foot (sq.ft.)	Area (sq. ft)	Unit Cost ($/sq.ft.)	Cost	Length	Unit cost ($/ft)	Cost	Total Cost
SECTION A - UNLINED CHANNEL																					
N/A																					
SECTION B - LINED TRAPEZOIDAL CHANNEL																					
N/A																					
SECTION C - CONCRETE RECTANGULAR CHANNEL																					
From Olive Ave to Northern PKWY	65	15			2,550	6422	$8	$51,378	25	0.926	2,361	$500	$1,180,556	20	51000	$0.35	$17,850	5,100	$6	$30,600	$1,280,383
SECTION D - CONCRETE BOX CULVERTS																					
N/A																					

				Earthwork				Amenities	Landscape				Fence			
	Area (Ac.)	Basin Max. Depth	Basin Avg. Depth		Volume (cu. yd.)	Unit Cost ($/cu. yd.)	Cost	Cost per Basin	Area (Ac.)		Unit Cost ($/sq.ft.)	Cost	Length	Unit cost ($/ft)	Cost	Total Cost Per Basin
SECTION F - BASIN																
N/A																

					Earthwork				Concrete				Riprap				
	Span per Barrel (ft)	Height (ft)	Wall Thickness (in)	Length (ft)	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume (cu. yd)	Unit Cost ($/cu.yd.)	Cost		Total Cost
MAJOR RAILROAD / ROADWAY CROSSINGS & OTHER STRUCTURES																	
(2) 48" RGRCP x 483 ft. length, crossing at Olive Ave			8	483	21,570	799	$8	$6,391	8089	300	$500	$149,790	0	$60	$0		$156,181

CONSTRUCTION COST	**$1,436,564**
ROW (ACRE)	**3.8**

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AT&SF RAILROAD CHANNEL AND BASIN
PHASE 2 COST CALCULATIONS

					Earthwork				Concrete					Landscape				Fence			
	Topwidth W	Bottom Width B	Capacity (cfs)	Velocity (fps)	Length (ft)	Volume (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Linear Foot (cu.ft.)	Volume per Linear Foot (cu.yd.)	Volume (cu. yd)	Unit Cost ($/cu. yd.)	Cost	Area per Linear Foot (sq.ft.)	Area (sq. ft)	Unit Cost ($/sq.ft.)	Cost	Length (ft)	Unit Cost ($/ft)	Cost	Total Cost
SECTION A - UNLINED CHANNEL																					
From Cheryl Basin to Royal Palm Basin, D=4 ft, SS=4:1	190	50			6,500	208,423	$8	$1,667,384	0	0	0	$500	$0	100	650,000	$0.35	$227,500	0	$6	$0	$1,894,884
From Peoria Ave to Cheryl Basin, D=4 ft, SS=4:1	240	50			900	31,463	$8	$251,704	0	0	0	$500	$0	100	90,000	$0.35	$31,500	0	$6	$0	$283,204
Cheryl Basin Inlet Channel, D= 4 ft, SS=2:1	170	30			900	19,332	$8	$154,656	0	0	0	$500	$0	100	90,000	$0.35	$31,500	0	$6	$0	$186,156
SECTION B - LINED TRAPEZOIDAL CHANNEL																					
N/A																					
SECTION C - CONCRETE RECTANGULAR CHANNEL																					
N/A																					
SECTION D - CONCRETE BOX CULVERTS																					
N/A																					

				Earthwork				Amenities	Landscape				Fence			
	Area (Ac.)	Basin Max. Depth	Basin Avg. Depth		Volume (cu. yd.)	Unit Cost ($/cu. yd.)	Cost	Cost per Basin	Area (Ac.)	Area (sq. ft.)	Unit Cost ($/sq.ft.)	Cost	Length (ft)	Unit Cost ($/ft)	Cost	Total Cost Per Basin
SECTION F - BASIN																
Cheryl Basin	40	20	16		605,387	$8	$4,843,096	$50,000	40		$1.00	$1,742,400	0	$6	$0	$6,635,496
Access Road and Parking									Paving =	50,000	$3.00	$150,000				$150,000

					Earthwork				Concrete				Riprap			
	Span per Barrel (ft)	Height (ft)	Wall Thickness (in)	Length (ft)	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume (cu. yd)	Unit Cost ($/cu.yd.)	Cost	Total Cost
MAJOR RAILROAD / ROADWAY CROSSINGS & OTHER STRUCTURES																
10' x 8' CBC x 144 ft. length, pedestrian crossing under railroad	10	8	12	144	17,280	640	$8	$5,120	5760	213	$500	$106,667	200	$60	$12,000	$123,787
(2) 8' x 6' CBC x 162 ft length, road crossing under Olive Ave	8	6	12	162	24,624	912	$8	$7,296	9072	336	$500	$168,000	40	$60	$2,400	$177,696
36" RGRCP x 170 ft length, outlet structure under railroad			8	170	2,506	93	$8	$742	1068	40	$500	$19,770	15	$60	$900	$21,413
(3) 48" RGRCP x 151 ft length, road crossing under Litchfield Road			8	151	10,115	375	$8	$2,997	3793	140	$500	$70,243	20	$60	$1,200	$74,440
(3) 2' Drop Structure,	66		8	8					352	13	$500	$19,556	468	$60	$28,080	$47,636
(2) 4' Drop Structure	66		8	16					704	26	$501	$26,126	312	$60	$18,720	$44,846
CONSTRUCTION COST																**$9,639,557**
ROW (ACRE)																**76.8**

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AT&SF RAILROAD CHANNEL AND BASIN
PHASE 3 COST CALCULATIONS

					Earthwork				Concrete					Landscape				Fence			
	Topwidth W	Bottom Width B	Capacity (cfs)	Velocity (fps)	Length (ft)	Volume (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Linear Foot (cu.ft.)	Volume per Linear Foot (cu.yd.)	Volume (cu. yd)	Unit Cost ($/cu. yd.)	Cost	Area per Linear Foot (sq.ft.)	Area (sq. ft)	Unit Cost ($/sq.ft.)	Cost	Length (ft)	Unit Cost ($/ft)	Cost	Total Cost
SECTION A - UNLINED CHANNEL																					
N/A																					
SECTION B - LINED TRAPEZOIDAL CHANNEL																					
From Cactus Road to Varney Road, D=4 ft, SS=2:1	80	15			1,850	18,105	$8	$144,840	22	0.81	1,502	$500	$751,158	0	0	$0.35	$0	3,700	$6	$22,200	$918,198
SECTION C - CONCRETE RECTANGULAR CHANNEL																					
From Varney Road to Desert Cove Road, D = 4 ft	45	15			1,350	5,100	$8	$40,800	25	0.926	1,250	$500	$625,000	0	0	$0.35	$0	2,700	$6	$16,200	$682,000
SECTION D - CONCRETE BOX CULVERTS																					
(2) 8' x 6' CBC, 2875 ft length	45				2,875	16,185	$8	$129,481	56	2.07	5,963	$500	$2,981,481	0	0	$0.35	$0	0	$6	$0	$3,110,963

				Earthwork				Amenities	Landscape				Fence			
	Area (Ac.)	Basin Max. Depth	Basin Avg. Depth		Volume (cu. yd.)	Unit Cost ($/cu. yd.)	Cost	Cost per Basin	Area (Ac.)		Unit Cost ($/sq.ft.)	Cost	Length (ft)	Unit Cost ($/ft)	Cost	Total Cost Per Basin
SECTION F - BASIN																
N/A						$8	$0		0		$0.35	$0				$0

					Earthwork				Concrete				Riprap				
	Span per Barrel (ft)	Height (ft)	Wall Thickness (in)	Length (ft)	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume (cu. yd)	Unit Cost ($/cu.yd.)	Cost		Total Cost
MAJOR RAILROAD / ROADWAY CROSSINGS & OTHER STRUCTURES																	
(1) 2' Drop Structure,	66		8	8					352	13	$500	$6,519	$156	$60	$9,360		$15,879

CONSTRUCTION COST	**$4,727,040**
ROW (ACRE)	**7.8**

AT&SF RAILROAD CHANNEL AND BASIN
PHASE 4 COST CALCULATIONS

					Earthwork				Concrete					Landscape				Fence			
	Topwidth W	Bottom Width B	Capacity (cfs)	Velocity (fps)	Length (ft)	Volume (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Linear Foot (cu.ft.)	Volume per Linear Foot (cu.yd.)	Volume (cu. yd)	Unit Cost ($/cu. yd.)	Cost	Area per Linear Foot (sq.ft.)	Area (sq. ft)	Unit Cost ($/sq.ft.)	Cost	Length (ft)	Unit Cost ($/ft)	Cost	Total Cost
SECTION A - UNLINED CHANNEL																					
From Sweetwater Road to Cactus Road, D=4 ft, SS=4:1	160	50			2,550	41,714	$8	$333,712	0	0	0	$500	$0	80	204,000	$0.35	$71,400	0	$6	$0	$405,112
SECTION B - LINED TRAPEZOIDAL CHANNEL																					
N/A																					
SECTION C - CONCRETE RECTANGULAR CHANNEL																					
N/A																					
SECTION D - CONCRETE BOX CULVERTS																					
N/A																					

				Earthwork				Amenities	Landscape			Fence			
	Area (Ac.)	Basin Max. Depth	Basin Avg. Depth		Volume (cu. yd.)	Unit Cost ($/cu. yd.)	Cost	Cost per Basin	Area (Ac.)		Unit Cost ($/sq.ft.)	Cost	Length (ft)	Unit Cost ($/ft)	Cost	Total Cost Per Basin
SECTION F - BASIN																
N/A						$8	$0				$0.35	$0				$0

					Earthwork				Concrete				Riprap				
	Span per Barrel (ft)	Height (ft)	Wall Thickness (in)	Length (ft)	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume per Crossing (cu.ft.)	Volume per Crossing (cu.yd.)	Unit Cost ($/cu. yd.)	Cost	Volume (cu. yd)	Unit Cost ($/cu.yd.)	Cost		Total Cost
MAJOR RAILROAD / ROADWAY CROSSINGS & OTHER STRUCTURES																	
(2) 8' x 6' CBC x 162 ft length, crossing under Peoria Ave	8	6	12	158	15,800	585	$8	$9,363	4,424	164	$500	$163,852					$173,215
(2) 2' Drop Structure,	66		8	8					352	13	$500	$13,037	156	$60	$9,360		$22,397

CONSTRUCTION COST	**$600,724**
ROW (ACRE)	**9.4**

SUMMARY OF OFF-SITE DRAINAGE COST ESTIMATE FOR NORTHERN PARKWAY - OLD SARIVAL ROAD EAST TO WEST BANK OF AGUA FRIA RIVER

Description	From	Station	To	Station	Unit	Quantity	Unit Cost	Total
Old Sarival Road	Old Sarival Road	8326	west of 48" Outfall	10770			$391,880	$391,880
Reems Road	west of 48" Outfall	10770	Falcon Dunes Inlet Channel	16000			$667,895	$667,895
Bullard Road	Falcon Dunes Inlet Channel	16000	AT&SF Channel	21250			$1,383,450	$1,383,450
Litchfield	AT&SF Channel	21250	west of 10'x4' CBC Crossing	27520			$757,840	$757,840
Dysart	west of 10'x4' CBC Crossing	27520	west of 2-48" RCP	32500			$1,067,210	$1,067,210
El Mirage	west of 2-48" RCP	32500	drainage outfall Sta 333+00	33300			$130,380	$130,380
SubTotal							$4,398,655	$4,398,655
Traffic Control							5.0%	$219,933
Mobilization							5.0%	$219,933
Misc. Items (Survey, QC)							5.0%	$219,933
Subtotal								**$5,058,453**
Unidentified Items							25.0%	$1,264,613
Subtotal								**$6,323,067**
Construction Administrtaion / Contingencies							14.0%	$885,229
Total Construction Cost								**$7,208,296**
Engineering and Design							8%	$576,664
Total Project Cost								**$7,784,960**
Right-of-Way Costs:								
AT & SF Channel					AC	7.3	$250,000	$1,830,808
AT & SF Basin					AC	9.9	$250,000	$2,485,491
Dysart Road Channel					AC	1.4	$250,000	$355,831
Total R/W Cost						**18.7**		**$4,672,130**
TOTAL Construction and R/W								**$12,457,090**

Note: All unit prices and contingent items are established from the cost estimates presented are taken from the "Northern Parkway Draft Design Concept Report Volume I," dated January 25, 2008. Refernce was made to the Volume II Concept Plans for an interpretation of On-Site vs. Off-Site costs. Off-Site costs are based upon channels and major storm drain trunk lines and do not inlcude pavement drainage systems.

OFF-SITE DRAINAGE COST ESTIMATE
NORTHERN PARKWAY
OLD SARIVAL ROAD (1/2 MI. EAST AND WEST)

Item Description	Raw Quantity	Raw Unit	Conversion	Quantity	Unit	Unit Cost	Subtotal
Excavation for Channel (4:1 SS, 6ft bottom, 3' deep)	1200	LF	2	2400	CY	$0	$0
Storm Drain, 48" dia. RCP	2360	LF		2360	LF	$150	$354,000
Concrete Headwall, Large, Double Inlet or Outlet	2	LF		2	LF	$11,940	$23,880
Manhole, Storm Drain, MAG 520 (48" or smaller)	4	LF		4	LF	$3,500	$14,000
							$0
TOTAL OFF-SITE DRAINAGE COST							$391,880

OFF-SITE DRAINAGE COST ESTIMATE
NORTHERN PARKWAY
REEMS ROAD (1/2 MI. EAST AND WEST)

Item Description	Raw Quantity	Raw Unit	Conversion	Quantity	Unit	Unit Cost	Subtotal
Excavation for Channel (2:1 SS, 12ft bottom, 3' deep)	2530	LF	2	5060	LF	$0	$0
Excavation for Channel (2:1 SS, 12ft bottom, 3.5' deep)	1860	LF	2.46	4575.6	LF	$0	$0
Excavation for Channel (2:1 SS, 12ft bottom, 6' deep)	490	LF	5.33	2611.7	LF	$0	$0
Excavation for Channel (6:1 SFS, 4:1 BS 12ft bottom, 3' deep)	1760	LF	3	5280	LF	$0	$0
Channel Bank Lining, Concrete (2:1 SS, 3' ht)	2530	LF	2.46	6223.8	LF	$25	$155,595
Channel Bank Lining, Concrete (2:1 SS, 3.5' ht)	1860	LF	2.73	5077.8	LF	$25	$126,945
Channel Bank Lining, Concrete (2:1 SS, 6' ht)	490	LF	3.98	1950.2	LF	$25	$48,755
Concrete, Class S (fc=3000 psi)	561	CY		561	CY	$600	$336,600
TOTAL OFF-SITE DRAINAGE COST							$667,895

OFF-SITE DRAINAGE COST ESTIMATE
NORTHERN PARKWAY
BULLARD ROAD (1/2 MI. EAST AND WEST) & ATSF CHANNEL

Item Description	Raw Quantity	Raw Unit	Conversion	Quantity	Unit	Unit Cost	Subtotal
Excavation for Channel (6:1 SFS, 4:1 BS 12ft bottom, 3' deep)	4920	LF	3	14760	CY		
Excavation for Channel (6:1 SS, 40-ft bottom, 5' deep)	2300	LF	12.96	29808	CY		
Excavation for Channel Transition	578	CY		578	CY		
Excavation for Retention Basin	431407	CY		431407	CY		
Channel Bank Lining Weir & Apron, Concrete (88'x550'x6"thick)	5378	SY		5378	SY	$25	$134,450
Concrete, Class S (fc=3000 psi)	2035	CY		2035	CY	$600	$1,221,000
Drywell, Double Chamber	1	EA		1	EA	$12,000	$12,000
Drywell, Single Chamber	2	EA		2	EA	$8,000	$16,000
TOTAL OFF-SITE DRAINAGE COST							$1,383,450

OFF-SITE DRAINAGE COST ESTIMATE
NORTHERN PARKWAY
LITCHFIELD RD (1/2 MI. EAST AND WEST) & ATSF CHANNEL (INCL. LITCHFIELD STORM DRAIN)

Item Description	Raw Quantity	Raw Unit	Conversion	Quantity	Unit	Unit Cost	Subtotal
Excavation for Channel (2:1 SFS, 12ft bottom, 3' deep)	1175	LF	2	2350	CY		
Excavation for Channel (2:1 SS, 12-ft bottom, 4' deep)	1220	LF	2.96	3611.2	CY		
Excavation for Channel (6:1 FS, 4:1 BS, 12-ft bottom, 3' deep)	2745	LF	3	8235	CY		
Excavation for Retention Basin	39728	CY		39728	CY		
Channel Bank Lining, Concrete (2:1 SS, 3' ht)	1175	LF	2.48	2914	SY	$25	$72,850
Channel Bank Lining, Concrete (2:1 SS, 4' ht)	1120	LF	2.98	1120	SY	$25	$28,000
Storm Drain, 42" dia. RCP	2758	LF		2758	LF	$95	$262,010
Storm Drain, 48" dia. RCP	2209	LF		2209	LF	$150	$331,350
Concrete Headwall, Large, Double, Inlet or Outlet	2	EA		2	EA	$11,940	$23,880
Bleedoff Structure (modified MAG 535)	1	EA		1	EA	$3,500	$3,500
Manhole, Storm Drain, MAG 520 (48" smaller)	9	EA		9	EA	$3,500	$31,500
Riprap, Dumped, Angular, D50=12"	95	CY		95	CY	$50	$4,750
TOTAL OFF-SITE DRAINAGE COST							$757,840

OFF-SITE DRAINAGE COST ESTIMATE
NORTHERN PARKWAY
DYSART ROAD AND DYSART ROAD CHANNEL

Item Description	Raw Quantity	Raw Unit	Conversion	Quantity	Unit	Unit Cost	Subtotal
Excavation for Channel (2:1 SFS, 14ft bottom, 5' deep)	2190	LF	4.44	9723.6	CY		
Excavation for Channel (6:1 FS, 4:1 BS, 12-ft bottom, 3' deep)	80	LF	3	240	CY		
Excavation for Channel (6:1 SS, 24-ft bottom, 4' deep)	2074	LF	7.11	14746.14	CY		
Excavation for Channel Transition	1442	CY		1442	CY		
Channel Bank Lining, Concrete (2:1 SS, 5' ht)	2190	LF	3.48	7621.2	SY	$25	$190,530
Channel Bank Lining, Concrete (4:1 SS, 3' ht)	80	LF	4.58	366.4	SY	$25	$9,160
Channel Bank Lining Transition, Concrete	1442	SY		1442	SY	$25	$36,050
Concrete, Class S (FC=3000 psi)	1238	LF		1238	LF	$600	$742,800
Storm Drain, 48" dia. RCP	75	LF		75	LF	$150	$11,250
Storm Drain, 72" dia. RCP	255	LF		255	LF	$240	$61,200
Concrete Headwall, MAG Std Det 501-4	1	EA		1	EA	$1,200	$1,200
Concrete Headwall, Large, Triple, Inlet or Outlet	1	EA		1	EA	$13,620	$13,620
Riprap, Dumped, Angular, D50=12"	28	CY		28	Cy	$50	$1,400
TOTAL OFF-SITE DRAINAGE COST							$1,067,210

OFF-SITE DRAINAGE COST ESTIMATE
NORTHERN PARKWAY
EL MIRAGE

Item Description	Raw Quantity	Raw Unit	Conversion	Quantity	Unit	Unit Cost	Subtotal
Excavation for Channel (2:1 SS, 6-ft bottom, 4' deep)	615	LF	2.07	1273.05	CY		
Channel Bank Lining, Concrete (2:1 SS, 4' ht)	585	LF	2.98	1743.3	CY		
Storm Drain , 48" dia. RCP	640	LF		640	LF	$150	$96,000
Concrete Headwall, Large, Double, Inlet or Outlet	2	EA		2	EA	$11,940	$23,880
Riprap, Dumped, Angular, D50=12"	210	CY		210	CY	$50	$10,500
TOTAL OFF-SITE DRAINAGE COST							$130,380

APPENDIX M – MEETING MINUTES AND AGENDAS

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MEETING MINUTES — March 26, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

PERSONS PRESENT:
Greg Rodzenko, City of Glendale
Jayme Chapin, City of Glendale
Bob Darr, City of Glendale
Burke Lokey, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC

PURPOSE: Project Scoping Meeting

DISCUSSION:

1. Scope Adjustment
   a. Landscape portion of Scope – Greg desires to provide minimum required landscaping, and then give sensitivity analysis re. hydraulic analysis, to allow developers to choose more if desired.
   b. HEC-1 model will be run with NOAA 14
   c. Existing irrigation facilities – provide replacement, siphons, etc. to continue service across the proposed channel
   d. Survey – need to add to scope for survey, to address point of conflict of alignment with utilities, irrigation
   e. Preliminary Alternatives are overall ideas to discuss at meeting and narrow down to 4 Proposed Alternatives
   f. Proposed Alternatives will require "dimensioned schematic" with illustrative cross-sections and associated land takes
   g. Prepare ~30% plans for the final selected alternative

2. Alternatives
   a. Continue north leg of channel straight south to Dysart Drain, with smaller W-E leg to capture local flow and direct to main channel.
   b. Multiple bore through RR with channel on east side of RR
   c. Multiple basins – FCD maintaining basins unless multi-use through Glendale Park & Rec
   d. Multi-use opportunities for basin and channel path – may not be applicable due to lack of residential areas or connection to Agua Fria route
   e. Preference is to keep individual land owners out of process until preferred alternative has been selected.

3. Northern Parkway Project
   a. Roger Miles with URS is contact on design/analysis
   b. Connection to Dysart Drain, basins
   c. MCDOT will do final design work on the Northern Parkway project. Glendale is doing the study and preliminary plans, and will turn over to MCDOT for final.

4. Wolf Property – west of RR, north of Northern Ave
   a. Greg Smith with CMX is PM for analysis for Wolf project
   b. Floodplain located on property / benefits of moving channel off property to different alignement

5. General Notes on Project
   a. RR crossing of channel will be needed due to addition of RR spur
   b. Cultural, biological, 404 resources were covered under the Loop 303 ADMP
   c. Camelback Basin CAR has already done hydro update of Loop 303 models per new developments, but not revised to NOAA 14 precip. Update also part of Loop 303 Hydro update project.
   d. Future land use in area is industrial, will not likely be many people to use multi-use path, parks
   e. Utilities: existing gas line and kerosene pipeline to Luke AFB, irrigation crossings, fiber optic/communications to Luke AFB

6. Schedule
   a. Recommended alternative by first of the year to tie to the Northern Parkway schedule; to identify any major issues/conflicts

cc. attendees

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MEETING MINUTES — June 5, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

PERSONS PRESENT: Burke Lokey, FCDMC; Paul Hoskin, HRC; Russ MacDonald, HRC; Kristyn Van Meter, HRC; Peng Zhang, HRC; Ben Bowles, HRC

PURPOSE: Progress Meeting

DISCUSSION:

1. Data Collection – Ben reported on data collection to-date
   a. Have APS powerline locations, however other utilities have been unresponsive. Kinder-Morgan has a petroleum line running though area.
   b. Northern Parkway reports downloaded from MCDOT are old version. Burke brought current version for us to use.

2. Landscape – Russ reported on landscape items to-date
   a. Landscape themes in the area have been researched. Predominant theme for the project will likely be the Railroad theme.
   b. Several trail systems in the area.
   c. Concerns regarding fitting the trail along the railroad near the treatment plant, and what kind of safety concerns.
   d. Overall, Burke will be looking to see if it is worthwhile to put a trail in, and if yes, what kind of land/cost/footprint will be necessary to make it feasible.

3. Railroad – Burke added info re. the railroad
   a. The Railroad may desire to add another track. Get information from LaTonya Finch.
   b. The existing line will be for high-use industrial, will need a buffer and/or fence along its length to separate when near trail/channel.
   c. Woolf is wanting to extend the southern leg of the railroad to the west to feed the development north of Northern.

4. Hydrology – Peng reported on hydrology research to-date
   a. Have reviewed the Camelback Basins CAR models from Aspen Engineering. The model which shows the projects in place shows a large reduction in flow to the floodplains along the railroad.
   b. The model shows flows crossing Waddell Road from the north. The District is beginning a project along the north side of Waddelll Road which may eliminate this flow from the north. Burke will send HRC a copy of that project's scope.

5. Stakeholders kick-off meeting scheduled for Wednesday, June 11th at FCD – Burke reported on expectations of meeting
   a. Project Management people to be at the meeting will want to stress the importance of the location of utilities as it lends to constructability of the chosen alternative.
   b. Bring a copy of the project schedule to the meeting.
   c. Will introduce team, establish lines of communication, update status of project, and go over schedule.
   d. Bring a 24x36 version of the Existing Facilities exhibit.

6. Exhibits and Data Collection Summary
   a. Add major powerlines to Existing Facilities exhibit, and other major utilities as we receive the info.
   b. Add Phoenix Aviation, water treatment plant, Woolf property and other large landholders to the Opportunities and Constraints Map.
   c. Add Northern Parkway channels/drainage to the Opportunities and Constraints Map.

7. Project Management
   a. Burke needs an invoice estimate for the work for May and June.
   b. Either send one invoice for both May and June, or separate them.
   c. Invoice for June will need to be to FCD within a couple days of the end of June, due to end of fiscal year.
   d. Paul suggested HRC meet with URS re. their work on Northern Parkway project to introduce what we are doing.
   e. HRC plans a draft submittal of the Data Collection Summary for Thursday, June 12th.

cc. attendees

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MEETING MINUTES — June 11, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

PERSONS PRESENT:
Burke Lokey, FCDMC
Doug Williams, FCDMC
Mike Duncan, FCDMC
Jennifer Pokorski, FCDMC
Paul Hoskin, HRC
Mike Sabatini, MCDOT
Greg Jones, FCDMC
John Loxley, FCDMC
Jayme Chapin, City of Glendale
Kristyn Van Meter, HRC

PURPOSE: Kick-Off Meeting

DISCUSSION:

1. Northern Parkway design is moving forward. Public meeting should be in early Fall, with end of calendar year for starting design. Puts start of construction about 1 ½ years out.
2. Preliminary dates set for:
   a. July 28th = preliminary alternatives submittal to FCD
   b. August 25th = stakeholders meeting
3. Greg, Doug, and Burke all agree that the Data Collection review phase should be extended by one week to make sure HRC has all necessary data.
4. HRC will meet with the District to review the Data Collection summary on 6/17 Tuesday.
5. John has preliminary recommendations regarding the Landscape Character and will get to HRC at the meeting on 6/17.
6. City of Surprise is doing intersection improvements at Waddell Rd and Dysart Rd.
7. The Railroad has intention to add another track.
8. Utility locations will be important to selected alignment. Add utility locations to Opportunities and Constraints Map.
9. Copies of reports will be:
   a. FCDMC, to Burke = 3 hardcopies, 1 pdf on CD
   b. Glendale, to Jayme = 2 hardcopies, 1 pdf on CD
   c. MCDOT, to Mike = 1 pdf on CD
   d. El Mirage and Surprise = 1 hardcopy ea.

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MEETING MINUTES — June 17, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

PERSONS PRESENT: Burke Lokey, FCDMC; John Loxley, FCDMC; John Holmes, FCDMC; Paul Hoskin, HRC; Kristyn Van Meter, HRC

PURPOSE: Data Collection Summary report review

DISCUSSION:

Hydrology:

1. Add the Dysart Drain study – Wood/Patel
2. Show existing conditions point discharges on Figure 3 at key points along RR
3. Burke has the older 1993 WLB Dysart Drain Improvement Project report
4. Need to reference the Projects in Place and w/o projects in place Camelback CAR HEC-1 models, not the Loop 303
5. Use existing conditions HEC-1 model from Camelback CAR
6. Waddell channel to the north – once Jen Pokorski's job gets started, we will find out what influence their layout will have on our alternatives

Landscape:

1. Landscape references from John L.
    a. Aesthetic and Multi-Use Design Guidelines paper
    b. Mission, Values, and Goals paper
    c. 3 handbooks we already have
    d. Policy for the Aesthetic Treatment and Landscaping of Flood Control Projects
    e. AT&SF CAR Context Sensitive Design Recommendations letter
2. John prepared the "AT&SF CAR Landscape Inventory and Analysis Report" – gave HRC 2 copies
3. Use info from his report to add to landscape section in data collection summary report – summarize FCD recommendations
4. Stakeholders input re. planned parks and rec / trails will be necessary
    a. Trails and parks master plans for the cities
    b. Info will go under Chapter 4 in the Data Collection Summary
5. John will send a pdf of landscape report so HRC can reference excerpts
6. John L has markups on the Landscape section of the report
7. Compatibility class 6 is recommendation for project. Recommendations are based on MAG future land use, and would change if the land use changes

8. Preliminary Alternatives – idea to present a few alignments, with different landscape options, i.e. alignment 1 options a and b, alignment 2 options a and b, where a and b represent no multi-use vs. trail/multi-use landscaping.

Action Items / Meetings:

1. Burke and John L will coordinate with the Municipalities to determine their interest or plans for multi-use opportunities in the area.
2. Paul will be on vacation returning July 8th. Burke will be on vacation returning July 14th. Plan on an alternatives brainstorming and review session during week of July 14th
3. Kristyn will shift the project schedule chart to reflect a longer data collection period, shorter FCD review on preliminary alternatives, send revised schedule to Burke
4. Meeting with John L. and Russ to review landscape issues and references

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AT&SF CHANNEL AND BASIN CAR

Meeting Agenda
July 25, 2008 1:00PM

I. Introductions

II. Overview of Existing Facilities and Landscape Character

III. Opportunities and Constraints

IV. Landscape Opportunities and Constraints

V. Typical Channel Sections

VI. Preliminary Alternatives Development

VII. Open Discussion

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MEETING MINUTES — July 25, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

PERSONS PRESENT:
Burke Lokey, FCDMC
Mike Duncan, FCDMC
Jen Pokorski, FCDMC
Greg Jones, FCDMC
Paul Hoskin, HRC
Russ MacDonald, HRC Sub-Consultant
Kristyn Van Meter, HRC

PURPOSE: Preliminary Alternatives Brainstorming

DISCUSSION:

- HRC presented the drainage, planning, and trail opportunities and constraints of the project.
    1. Wastewater Treatment Plant – where are the sewer lines entering the plant? Should be sizable, add to Opportunities and Constraints Map.
    2. How big is the railroad right-of-way on the east side of the railroad next to the Wastewater Treatment Plant? Is this a good option for locating the channel or the trail?
    3. Check railroad future plans for expansion.
    4. What is the total area of the existing floodplain?
    5. According to Greg, there is not a means for conveyance of flow to enter the Wastewater Treatment Plant from the north – need to check.
    6. Structure west of Railroad, at Sweetwater – is this an electrical substation or a well site?
    7. Wood/Patel is doing the intersection improvements at Dysart and Waddell Roads intersection. Is there an opportunity to tie-in to their improvements?
    8. Check the ARS re. standards for development within the noise contours and crash zones.
    9. Add the crash zones to the Opportunities and Constraints Map.
    10. Check MAG Multi-Modal plan for connections south of Peoria Ave.
    11. Per Greg, there is a proposed 24-inch natural gas line entering the salt mine company from the west – what is the alignment?
    12. Add existing parks to the Opportunities and Constraints Map.
    13. Do we have all of the Woolf property layout information?
    14. Do we have the CLOMR/LOMR for Surprise Pointe? Has it reduced the floodplain along the west side of the railroad or the floodplain immediately to the east of the railroad?

- HRC presented four proposed cross-section sketches, ranging from a box culvert with trail on top, to a wide natural landscape channel.
    1. Use a minimum of 20 feet for a maintenance road in the channel sections – i.e. 16-foot clear with landscaping.
    2. Check flow velocities – 3 feet per second cutoff for unlined channel – how would this affect the overall width of the cross-sections?
    3. Add a cross-section for underground pipe.

- HRC presented 7 Preliminary Alternative diagrams and a Baseline Alternative (Loop 303 ADMPU recommended plan).
    1. What is the approx. size of the basin in the Baseline Alternative?
    2. Possible alternative – crossing Cactus with a culvert capable of doubling as a pedestrian underpass.
    3. Baseline Alternative – confirm location of the basin and that the discharges represent the 'with basin in place' condition.
    4. Big question as to how the Waddell Channel and ATSF Channel will tie-in at the north end – what are the options re. flow through Surprise Pointe?
    5. Mike suggested the idea for two smaller basins. Could be a sub-idea to the alignments alternatives.
    6. May want to consider using 5-foot or 6-foot pipes instead of CBC – may be a cost savings.

- Action Items / Data Collection
    1. Put the pdf of the alternatives and the preliminary cross-section sketches on the FTP site for Burke to download and distribute to Jen and Mike for their comments/ideas.
    2. Jeff Davidson is the CIP coordinator for the City of Surprise.

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AT&SF CHANNEL AND BASIN CAR

Meeting Agenda
August 28, 2008 3:30PM

I. Introductions – 5 min.

II. Purpose of Study – 5 min.

III. Overview of Existing Facilities and Landscape Character – 20 min.
   a. Opportunities and Constraints
   b. Landscape Opportunities and Constraints
   c. Character Photography

IV. Presentation of Preliminary Alternatives – 30 min.
   a. Typical Channel Sections
   b. Preliminary Alternatives

V. Break – 10 min.

VI. Ranking Form for relative importance of project characteristics – 10 min.

VII. Discussion re. Alternatives – 30 min.
   a. Questions
   b. New concepts

VIII. Voting Form to rank alternatives – 10 min.

IX. Next Steps / Process – 10 min.
   a. Recommended Alternative Selection 11/7/2008
   b. Project Completion 2/5/2009
   c. Additional Discussion

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MEETING MINUTES — August 28, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

PERSONS PRESENT:
Mike Sabatini, MCDOT
Alex Arriaga, MCDOT
Al Kattan, MCDOT
Jayme Chapin, Glendale
Bob Darr, Glendale
Jerry Horacek, El Mirage
Jeff Davidson, Surprise
Burke Lokey, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC
Russ MacDonald, HRC

PURPOSE: Stakeholders Meeting re. Preliminary Alternatives

DISCUSSION:

- HRC Presentation
  1. Introduction
  2. Purpose of Study
  3. Overview of Existing Facilities and Landscape Character
  4. Presentation of Preliminary Alternatives
  5. Discussion re. Alternatives
  6. Next Steps/Process

- Discussion re. Alternatives
  1. A six-foot minimum box culvert height is desirable for maintenance purposes. Also, single-barrel culverts are preferred over multi-barrel culverts due to maintenance.
  2. Retention basins near the end of the Luke AFB runway are not preferable since they attract birds.
  3. In order to have marketable parcels for industrial development, should keep the channel and improvements within ¼ mile of the major roads.
  4. Bob Darr shows preference to the baseline alternative and alternatives 2 and 3.
  5. Security issues may arise from placing the trail along the railroad, and through or along the Surprise Water Reclamation Facility.
  6. El Mirage will not allow any additional flow or channels into their City limits.
  7. Alternatives 8 and 9 were created during the meeting. Alt 8 was sketched onto the map overlay. Alt 9 is a combination of Alts 4, 5, and 2.
- Action Items
  1. HRC will create sketches of Alternatives 8 and 9 and email to attendees.
  2. Attendees will rank the alternatives and provide ranking and/or comments to Burke Lokey or HRC by Friday, September 5th.

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Flood Control District of Maricopa County

AT&SF Channel and Basin CAR
Meeting Sign-In Sheet

Date: August 28, 2008

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Burke Lokey	FCD	602.506.0867	burkelokey@mail.maricopa.gov
ALEX ARRIAGA	MCDOT	602-506-6292	arriagaa@ " "
Jayme Chapin	Glendale	623 930-3197	jchapin@glendaleaz.com
Bob DARR	Glendale	623 930 2942	rdarr@glendaleaz.com
Jerry Horacek	El Mirage	623-876-2974	jhoracek@cityofelmirage.org
Mike Sabatini	MCDOT	602-506-8628	mikesabatini@mail.maricopa.gov
Al KATTAN	MCDOT	602-506-4618	alkattan@mail.maricopa.gov
JEFF DAVIDSON	Surprise	623.222.3400	Jeff.Davidson@Surprisaz.com

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MEETING MINUTES — September 10, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

MEETING LOCATION: Flood Control District of Maricopa County
PERSONS PRESENT: Burke Lokey, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC

PURPOSE: Preliminary Alternatives review and Proposed Alternatives selection

DISCUSSION:

1. Proposed Alternative 1 = Preliminary Alternative 9, with three options for outfall connections south of the Northern Parkway.
2. Proposed Alternative 2 = Preliminary Alternative 1, with the basin located south of Peoria Ave.
3. The need for a basin and its location will be refinements of each alternative.
4. Factors in the location of the basin are:
    a. Does it lie on City of Phoenix land, which may be cheaper and easier to obtain.
    b. Is it outside of the 75-db noise contour, and therefore open to multi-use.
    c. Is it an off-line or on-line basin.
5. The two proposed alternatives will be emailed to Burke, then to the stakeholders early next week.
6. A meeting will be held Thursday, September 11th at the City of Glendale to review the alternatives with the Glendale stakeholders.
7. There is the potential that the City of Glendale will not desire multi-use opportunities in the portion of the channel that runs through the City.
8. An additional assignment may be added toward the end of the current assignment for updating HDR's current White Tanks hydro update work. The update would reflect newly-proposed or built structures in the watershed.

cc. attendees

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MEETING MINUTES — September 11, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

MEETING LOCATION: City of Glendale
PERSONS PRESENT: Burke Lokey, FCDMC; Greg Rodzenko, City of Glendale; Paul Hoskin, HRC; Jayme Chapin, City of Glendale

PURPOSE: Preliminary Alternatives Review

DISCUSSION:

Seven Preliminary Alternatives were presented at the Stakeholder Review Meeting. Two alternatives were added at that meeting and copies have since been provided to all participants.

After consideration of the alternatives and stakeholders input, two proposed alternatives appear to be preferred. These alternatives are defined as:

Alternative 1: Preliminary Alternative 9, with three options for outfall connections south of the Northern Parkway.

Alternative 2: Baseline Alternative modified to include structural solutions through the Surprise Water Reclamation Facility, and a detention basin located just south of Peoria Avenue.

The City of Glendale is in general agreement with the Proposed Alternatives. The following were further discussed:

1. The City does not believe there is a need to extend the channel north of Peoria Avenue. The Surprise Point Development and the Surprise Water Reclamation Facility have already handled their floodplain issues.

2. Glendale proposes a multi-use basin south of Peoria Avenue.

3. Hydrology for the proposed conditions needs to be evaluated in order to confirm the need for a detention basin. Design capacity for Dysart Channel needs to be confirmed with relevant members of the District staff.

4. The channel alignment south of Peoria Avenue could occur along the mid-section line between Litchfield Road and Dysart Road, or along Litchfield Road.

5. The District still believes that a trail along the Northern Parkway is desirable.

6. The District does not believe that the trail should be a large landscaped system if the City of Surprise is not a participant.

7. Hoskin•Ryan should check the relative cost of the land for a basin that falls either north or south of the 75db noise contour.

8. The District believes it is desirable to put large land takes within public lands such as the City of Phoenix holdings.

9. One outfall alignment option follows the Northern Parkway to the Agua Fria River. Should check into the 404 permit application made on behalf of MCDOT for the Northern Parkway.

10. The use of a collection channel along the north side of the Northern Parkway may not be an option because the right-of-way has already been established through extensive studies and the City of El Mirage is unwilling to allow a channel within City limits.

11. The addition of another mile or more of channel parallel to the Northern Parkway may not make economical sense. A trail-only connection could be made to the open space area shown on Glendale's master plan.

cc. attendees

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Flood Control District of Maricopa County

AT&SF Channel and Basin CAR
Meeting Sign-In Sheet

Date: September 11, 2008

Name	Company	Tel.#	Email
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Jayme Chapin	C.O.G.	623 930-3197	jchapin@glendaleaz.com

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MEETING MINUTES — October 2, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

MEETING LOCATION: Flood Control District of Maricopa County
PERSONS PRESENT: Burke Lokey, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC

PURPOSE: Proposed Alternatives

DISCUSSION:

1. The next Stakeholder's Meeting will be moved from November 7th to Wednesday, November 12th.

2. Northern Parkway
   a. The interface with Northern Parkway is very important with regard to hydraulics. HRC will need to check how the two systems will interact.
   b. Phasing of the Northern Parkway will influence the phasing of the ATSF Channel.

3. Dysart Drain
   a. What is the existing flow in the channel? Can it take more flow?
   b. Can we increase the flow where the channel will enter?
   c. HRC will check to make sure they have the Dysart Drain plans.

4. Hydrology
   a. Can more flow be diverted to the east, north of the RR bend, in order to increase flow into the proposed basin at Peoria Ave, therefore increasing the peak flow reduction out of the basin?
   b. The URS report/HEC-1 shows an inflow of 186 cfs from the west that goes south of Olive and into the Falcon Dunes Golf Course just north of Northern Parkway. Does this have an impact?

5. Multi Use
   a. Issues with placing a trail along Litchfield Road:
      i. Property owners south of the WRF are private owners.
      ii. FCD will not participate in the funding if it is not a part of the channel improvements – would be financial responsibility of the City.
      iii. Future expansion of Litchfield Road might take up the existing available open area – if the channel were built there, it would have to be removed and replaced.
   b. Russ may want to meet with John Loxley to discuss the proposed alternatives before submittal of the Proposed Alt report.

6. USACE 404
    a. Burke met with MCDOT, Glendale, and Sallie McGuire at the Corps re. the 404 for the Northern Parkway.
    b. HRC will need to address in the final recommended plan report whether 404 is an issue or not.

7. Proposed Alternatives
    a. HRC plans to submit a draft of the Proposed Alternatives Report on Friday, October 10th.
    b. The report should include a section re. Stakeholder input on the preliminary alternatives and how it was addressed or considered.
    c. For Proposed Alt 2, keep the southern portion of the channel west of the half-section line – all on City of Phoenix property. Any future road along half-section line would be on private land.
    d. After the proposed alternatives have been established, the team will meet with the private land holders to discuss – including Woolf, BNSF RR, TKR (Todd Dickey).

8. Burke will check with Gaye Rutan in Lands Dept. regarding the cost difference for land in the City of Phoenix.

cc. attendees

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MEETING MINUTES — October 31, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

MEETING LOCATION: Flood Control District of Maricopa County
PERSONS PRESENT: Burke Lokey, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC
Peng Zhang, HRC

PURPOSE: Proposed Alternatives Review

DISCUSSION:

Report and Alternatives:

1. Alternative 2 – may need to add a basin north of Northern Pkwy to reduce the peak flow rate getting to Dysart Drain.
2. Review what the off-site drainage system costs for Northern Pkwy are vs. how much can be saved with the ATSF channel and basin replacing part of the system.
3. Show the Northern Pkwy drainage features on the right-of-way detail exhibits in the report.
4. Create exhibits that show Northern Parkway and Proposed Alternatives 1 and 2 for the stakeholders meeting.
5. Stick with alternatives as they are now, however any variations on the two alternatives would be useful for discussion during the stakeholders meeting; for example, aligning the channel to Litchfield Road instead of going through the Surprise WRF.
6. Submit the revised report to Burke on Monday, November 10th.
7. HEC-1 Schematics
    a. highlight the nodes called out in the peak flow tables
    b. refer back to the schematics in the text
    c. include only the cover page and the output tables in the report.

Stakeholders Meeting

8. To be scheduled for the week of 11/17
9. Items to prepare for meeting:
    a. Boards with alternatives
    b. Paper copies of the boards
    c. Handout with the alternatives, the ownership maps, costs, descriptions
    d. Northern Parkway exhibits
10. Burke will write the introduction text for the meeting handouts.
11. Burke will work up a detailed meeting agenda.

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MEETING MINUTES — November 17, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

MEETING LOCATION: Hoskin-Ryan Consultants
PERSONS PRESENT: Burke Lokey, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC
Russ MacDonald, HRC

PURPOSE: Proposed Alternatives Stakeholder Meeting Preparation

DISCUSSION:

Proposed Alternatives Phase:

1. Need to set up separate stakeholders meeting with the private land owners. Should do this before the main stakeholders meeting. Todd Dickey at TKR (?) for the property northwest of ATSF and Olive Ave, and the Woolf property owners.
2. Should have detailed info for the costs tabulated for Northern Parkway drainage and the "credit" available for the stakeholders meeting.
3. For stakeholders meeting, come up with ways to reduce the cost.
4. Need to check how deep the 72" pipes would be in Alternative 1.
5. Burke will prepare the detailed agenda and email to HRC for review.
6. Boards for Stakeholders Meeting:
    a. Alternative 1
        i. use the multi-use map figure as the base
        ii. update with the opportunities and constraints, including Glendale open space and bike trail
        iii. add jurisdictions
    b. Alternative 2 – same comments as Alternative 1 map
    c. Northern Parkway – planned alignment and the proposed alternatives
    d. Cross-section sketches
    e. Basin and multi-use features sketches
    f. Overlays on the alternatives boards to capture suggestions/changes
7. Do we want to present an alternatives ranking matrix at the meeting? Maybe on a whiteboard?
8. Do we want to have any exhibits, right-of-way details, etc., on the screen?
9. It was suggested to hold the stakeholders meeting at HRC
10. Kristyn will email Burke the alternatives cost spreadsheet

Recommended Alternatives Phase:

11. For the recommended alternative, need to add the costs for the trail where it is not coincident with the channel improvements.
12. The HEC-1 models should not be revised per the Northern Parkway plans/drainage until the 15% plan / recommended alternative phase.

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MEETING MINUTES — November 25, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

MEETING LOCATION: Flood Control District of Maricopa County
PERSONS PRESENT: Tod Dickey, VMI
Greg Smith, CMX
Burke Lokey, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC

PURPOSE: Proposed Alternatives Stakeholder Meeting with Private Land Owners

DISCUSSION:

1. Stakeholders meeting with Cities and MCDOT will occur on Thursday, December 4th at 9am at HRC.

2. Approval of the Northern Parkway IGA will happen as early as next week, with work commencing in January.

3. Paul Gilbert represents the owner of the property at the southwest corner of Litchfield Road and Peoria Avenue.

4. The alternatives development process and a description of the constraints were presented by Paul Hoskin.

5. Comments from Greg, representative for the Woolf Property:
   a. CMX prefers Alternative 2, with modifications to the channel cross-section for the secondary channel between Olive and Northern Avenues.
   b. It is desirable to change the secondary channel cross-section to the lined rectangular channel with minimal or no landscaping in order to minimize the land take.
   c. CMX would like to integrate their planned access road with the channel cross-section somehow, possibly to also serve as the maintenance road. The planned road section is the City of Glendale Industrial Collector section.
   d. Leyton Woolf is the managing partner of Woolf Family Enterprises.
   e. Woolf is currently in negotiations with Glendale re. passing the Woolf Industrial Collector road under the proposed Northern Parkway.

6. Burke's response to shared use of the road is that the District may not allow the shared use, however Glendale might allow it if they take over the maintenance responsibility.

7. Comments from Tod, owner of the property northwest of Olive Ave and the Railroad:
    a. The trail in both alternatives runs through the Luke APZ zones, where it is unlikely people will want to recreate, and where the Base will not want pedestrians.
    b. He suggested extending the secondary channel for Alternative 2 north past the railroad at Olive Avenue, and potentially north to the railroad bend midpoint between Olive and Peoria Avenues.
    c. Extending it north would be beneficial for the adjacent property owners, as a regional drainage facility to outlet to during future development.
    d. There is an existing culvert under the railroad at Olive and 143rd Avenues, and an existing box culvert under Olive Avenue. His property drains to that corner.
    e. The property owner east of the railroad, north of Olive Ave has rights to take irrigation/drainage under the railroad. Tod will send the project team a copy of the deed with that information.

8. Burke agrees that the secondary channel should be extended to north of the railroad at Olive and 143rd Avenues.

9. If Alternative 2 is selected and the secondary channel is constructed by the District, the portion south of Northern Parkway would likely be built first to coincide with the Parkway construction.

10. It may be helpful at the municipality/ADOT stakeholders meeting to have a map with a blowup of the Alternative 2 secondary channel, showing property ownership and right-of-way; i.e. between north of Olive Ave to Northern Ave.

11. Meeting minutes will be sent to all meeting attendees.

ATSF CAR
Preferred Alternative Selection Meeting
December 4, 2008

DESIRED OUTCOMES
We will leave the meeting with a specific and detailed recommendation of a preferred alternative for the ATSF Channel. The recommended preferred alternative may be one of the two proposed, or it may be a hybrid combining elements from both or some new modifications.

The specific recommendation will include the following:

- An alignment from Waddell to the Dysart Drain
- Channel configuration and ROW footprint requirements by reach
- Basin locations and ROW footprints
- Multi-use opportunities (trails, parks, and other uses)
- Identification of the real or perceived benefits of the recommended preferred alternative to each stakeholder (to be used for development of IGAs as project is developed)

The consultant will use the outcome from this meeting to develop conceptual (15%) plans, ROW requirements, and cost estimates for the preferred alternative. The recommendation and development of the 15% plans will be documented in the final Alternatives Analysis report.

STAKEHOLDERS

- FCDMC (Burke Lokey-PM, Mike Duncan, Debbi Shortal-facilitator)
- City of Glendale (Greg Rodzenko, Jayme Chapin)
- MCDOT (Al Kattan, Alex Arriaga)
- City of El Mirage (Lance Calvert, Jerry Horacek)
- Luke AFB (Robert Dusky)
- City of Surprise (Jeff Davidson)

DECISION PROCESS
The preferred decision process is group consensus defined as active agreement by all stakeholders. If it becomes obvious that consensus will not occur, the fallback process is that the Project Manager will make an informed decision based on input from the group. The issues and objections of those dissenting with the final recommendation will be documented in the Alternatives Analysis report.

ATSF CHANNEL CAR
Preferred Alternative Selection
December 4, 2008
9:00 – 12:00 am

Invitees: Jayme Chapin, Greg Rodzenko – Glendale; Al Kattan, Alex Arriago – MCDOT; Lance Calvert, Jerry Horacek – El Mirage; Jeff Davidson – Surprise; Robert Dubsky – Luke AFB; Mike Duncan, Burke Lokey, Debbi Shortal - FCD

Purpose of Meeting:

Identify a preferred alternative for the proposed ATSF Channel from the 2 proposed alternatives or develop a hybrid acceptable to the group based on these.

At the end of this meeting, we will produce a recommendation for the preferred flood mitigation alternative for the ATSF Channel.

Topic	Desired Outcomes	Who & Time
Meeting Overview • Meeting Purpose • Desired Outcomes • Purpose/objectives of the CAR with respect to selection of alternatives • Ground Rules	Understanding of meeting purpose and agenda, agreement on desired outcomes and process	DLS; 10 minutes
Proposed Alternatives Development • Process Review • Alternative 1 - Modified Baseline • Alternative 2 • Identified variations	Clarification and understanding of alternative development process and proposed alternatives	PH, All; 20 minutes
Consensus Building • Discuss Proposed Alternatives • Identify necessary changes to develop an acceptable alternative • List/Quantify Benefits to Stakeholders	Consensus Selection of preferred alternative and Listing of Associated Stakeholder Benefits	DLS, All; 90 minutes
Alternative Recommendation • Select Preferred Alternative • Develop List of Benefits	Recommendation of best alignment / configuration and list of project benefits (future IGAs)	All; 30 minutes
Next Steps & Schedule • List action items & responsible person • Discuss schedule	Agree on next steps List of action items	BL, All; 10 Minutes

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MEETING MINUTES — December 4, 2008

PROJECT NAME: AT&SF Railroad Channel and Basin
PROJECT NO: HRC 07-027-02, FCD 2007C016 (2)

PERSONS PRESENT:
Jayme Chapin, Glendale
Jeff Davidson, Surprise
Jerry Horacek, El Mirage
Lance Calvert, El Mirage
Bob Dubsky, Luke AFB
Burke Lokey, FCDMC
Mike Duncan, FCDMC
Debbi Shortal, FCDMC
Paul Hoskin, HRC
Kristyn Van Meter, HRC
Russ MacDonald, HRC

PURPOSE: Stakeholders Meeting for Proposed Alternative Review and Recommended Alternative Selection

DISCUSSION:

Meeting Overview

1. Debbi gave an overview of the purpose and desired outcomes of the meeting.
2. Burke gave an overview of the purpose and objectives of the ATSF CAR.

Proposed Alternatives Development

1. Paul described the alternatives previously selected as the Preliminary Alternatives, and the criteria for review/selection of the two Proposed Alternatives.
2. Constraints at the Water Reclamation Facility (WRF), Railroad bend, and Dysart Drain connection were discussed.
3. Russ described the multi-use facilities in the Proposed Alternatives.
4. Paul described the hydrology and hydraulics in the Proposed Alternatives.
5. The channel cross-section type presented in the Proposed Alternatives can be changed in the Recommended Alternative, depending on land usage.

Consensus Building

Comments and Questions:

1. Multi-use limitations within the 75db vs. 80db limits should be checked. Bob mentioned that he thought the entire proposed basin could be used for public gatherings.
2. Bob asked about placing a bike lane along Northern Avenue within the Clear Zone – not allowed if separate bike lane.
3. Discussion re. if the secondary channel in Alternative 2 is part of the regional drainage solution, or would it be the responsibility of the property owners?
4. ATSF Channel will provide regional outfall. If all portions of the channel are constructed, would there be cost-sharing through major landowners/developers if the project benefits them?
5. There is potential to shift the south end of Alternative 2 channel alignment near Dysart Road.
6. Available right-of-way through the Surprise WRF will need to be confirmed.

7. There is a possibility to tie the trail into the existing and planned trail along Dysart Road, north of Peoria Ave.
8. What are the timing and schedule for this project vs. other projects in the area?
9. Design for the Northern Parkway/Litchfield Road interchange may change, therefore cannot count on the Alternative 2 secondary basin location currently shown.
10. To avoid El Mirage jurisdiction, the channel crossing of Northern Parkway in Alternative 2 should continue straight south across the parkway. The drainage structures should remain on the south side of the parkway, however the trail can be on the north side.
11. There will still be off-site drainage to the Woolf Property, even with Reems Channel and Basin constructed.

Alternative 1 Constraints

1. Trail through the APZ Clear Zone
2. (2) 72" pipes required to drain basin. These flow counter to natural grade, which loses approximately 12 feet in one mile.
3. Impacts existing structures
4. Trail and channel potentially cross multiple rail spurs.
5. Requires a new pedestrian crossing of Northern Parkway.
6. Overflow spillway required from basin.

Alternative 1 Benefits

1. Does not require a secondary channel
2. Less impact to railroad

Alternative 2 Benefits

1. No trail through the APZ Clear Zone
2. Clear of the 80db limits
3. Follows the natural drainage patterns and grade
4. More efficient system, hydrologically
5. Better constructability
6. Industrial property owners favor Alternative 2
7. Trail crosses the Northern Parkway using the proposed grade-separated interchange at Dysart Road
8. Potentially easier land acquisition due to required right-of-way lying on City of Phoenix land
9. Provides an outfall to properties east of the railroad.
10. Provides a drainage outfall for Northern Parkway with the new 10-acres basin.

Benefits common to both alternatives

1. Eliminates the need for the basin south of Northern Parkway (part of Northern Parkway drainage system).
2. Emergency services can access the railroad through the Basin
3. Benefits the Surprise WRF infrastructure
4. Basin has potential to be enlarged to Peoria Ave, to enlarge park space
5. Provides bleed-off for Surprise developments

6. Benefits property owners east of the railroad
7. Resolves WRF floodplain issues

Alternative Recommendation

1. El Mirage supports Proposed Alternative 2, given that the drainage structures do not fall within the City of El Mirage city limits.
2. Luke AFB supports Proposed Alternative 2, given that the multi-use characteristics within the 75db/80db limits are checked/confirmed vs. the State Statutes and Regional Compatibility Plan.
3. Glendale supports Proposed Alternative 2.
4. Surprise supports Proposed Alternative 2, given the available right-of-way through the WRF is confirmed vs. the proposed design.

Next Steps and Schedule

1. No timeline has been set for construction of the ATSF project due to how it will phase with the timing of the Northern Parkway.
2. Coordination will be required with MCDOT re. interface with Northern Parkway and approval of Alternative 2.
3. ATSF Channel and Basin 15% plans are scheduled for submittal to the District in late January, 2009.
4. The question was raised whether there would need to be a formal change to the accepted regional drainage master plan that the District has for the area.
5. Mike pointed out that Alternative 2 will also need a small collector channel along the northern side of the railroad from Litchfield Road east, to collect and convey overland flow to the basin.

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Flood Control District of Maricopa County

AT&SF Channel and Basin CAR
Meeting Sign-In Sheet

Date: December 4, 2008

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Jayme Chapin	City of Glendale	623-930-3197	jchapin@glendaleaz.com
JEFF Davidson	CDS	623.222.3440	JEFF.DAVIDSON@SURPRISEAZ.COM
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RUSS MACDONALD	MACDONALD R.L.A.	480.607.5757	MACDONALDDESIGNE@COX.NET

ATSF Channel and Basin CAR
Preferred Alternative Review Meeting w/ MCDOT
Dec 22, 2008

Al Kattan, Alex Arriaga, Burke Lokey

Reviewed the Preferred Alternative alignment and configuration for the ATSF Channel CAR (CAR). MCDOT primarily interested in segments connected to the proposed Northern Parkway (NP). Discussed the recommended alternative components.

MCDOT requested the following to be completed as soon as possible so that the results can be included in the CAR final report and 15% conceptual plans.

1. Include a narrative analysis of potential flooding impacts assuming interim (partial) build of project components. Ie, analyze potential flooding impacts to properties upstream of proposed improvements or NP before entire system is complete. Include potential for zoning and development approvals by partner agencies to change existing conditions and put new development in harms way.
2. Assume CAR project will be phased such that the following components are built either prior to or with NP: the main outfall into Dysart Drain from the small basin north of and adjacent to NP, and the secondary channel from Olive to Dysart Drain. The remainder of the system can be packaged as a second phase.
3. Look at 2 alternatives for main outfall of CAR (ROW, constructability, and cost). First (preferred) takes combined outfall from small basin at vicinity of NP / Northern in conduit w/i proposed ROW along north side of NP to Dysart. The conduit would cross NP and continue south within the existing ROW to outfall into Dysart Drain. The second alternate would be a conduit continuing south from the small basin along the mid-section line to outfall to the Dysart Drain. NP drainage from Dysart west would be piped back to this outfall in the proposed NP ROW.

As part of the CAR final alternatives report, the hydrology and hydraulics needs to be tightened up, and the comparison of alternatives should be expanded and elaborated. Also, the breakout of costs for the preferred alternative must clearly distinguish between those costs that are only required for the NP or the CAR, versus those costs that are necessarily part of the combined system. Where components of either system must be enhanced in order to work as a combined system, that incremental cost should also be identified.