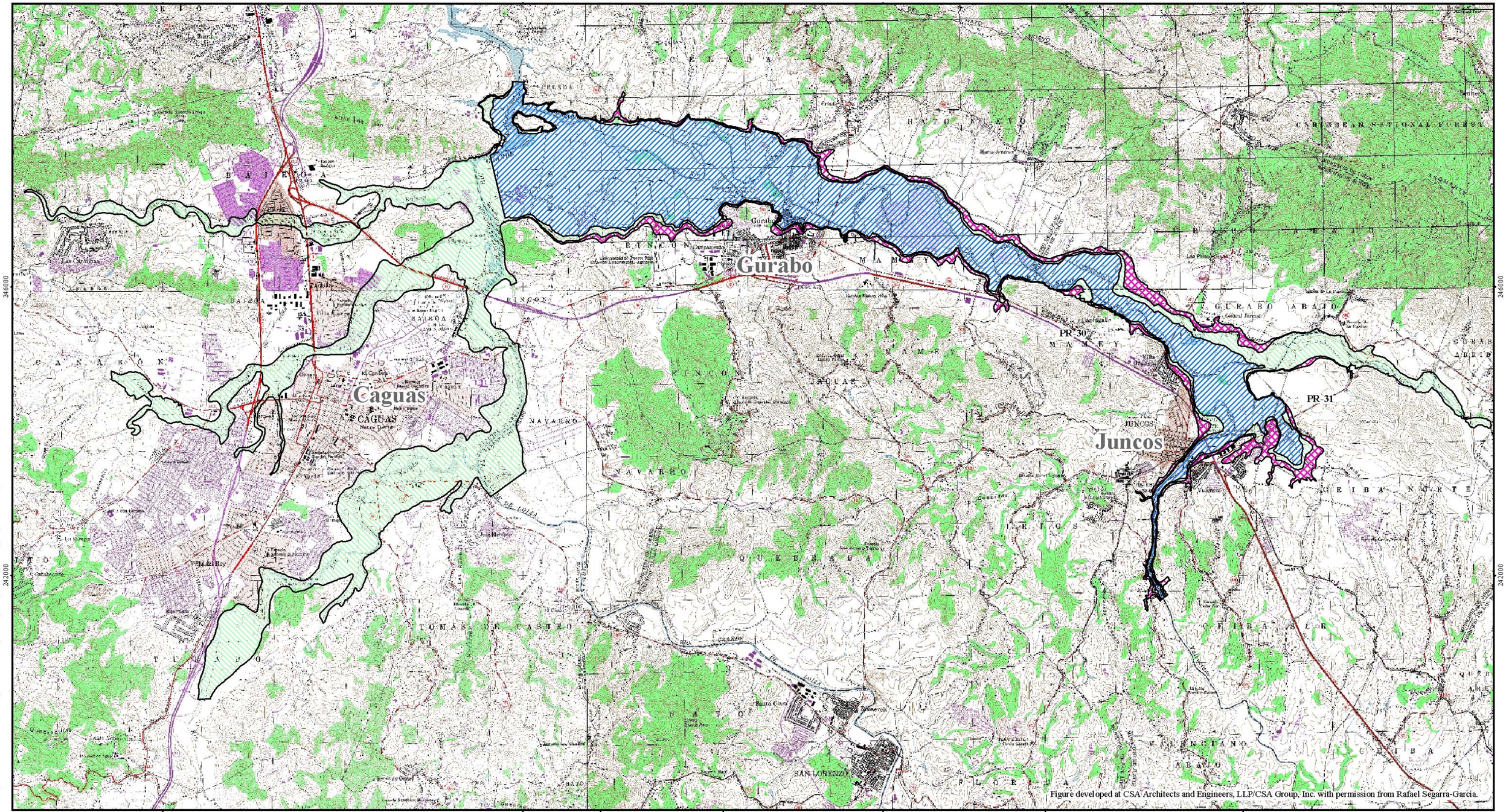


**EXHIBIT 6.**

**RIO VALENCIANO DAM BREACH**
**FLOOD EXTENT BOUNDARIES**
**FOR PMF, 100-YR, AND SUNNY DAY EVENTS**

N

**Legend**

FLOOD EXTENTS

- 100-YR BREACH
- PMF BREACH
- SUNNY DAY BREACH

**SCALE 1:50,000**

1 0.5 0 1 2 Kilometers

1 0.5 0 1 2 Miles

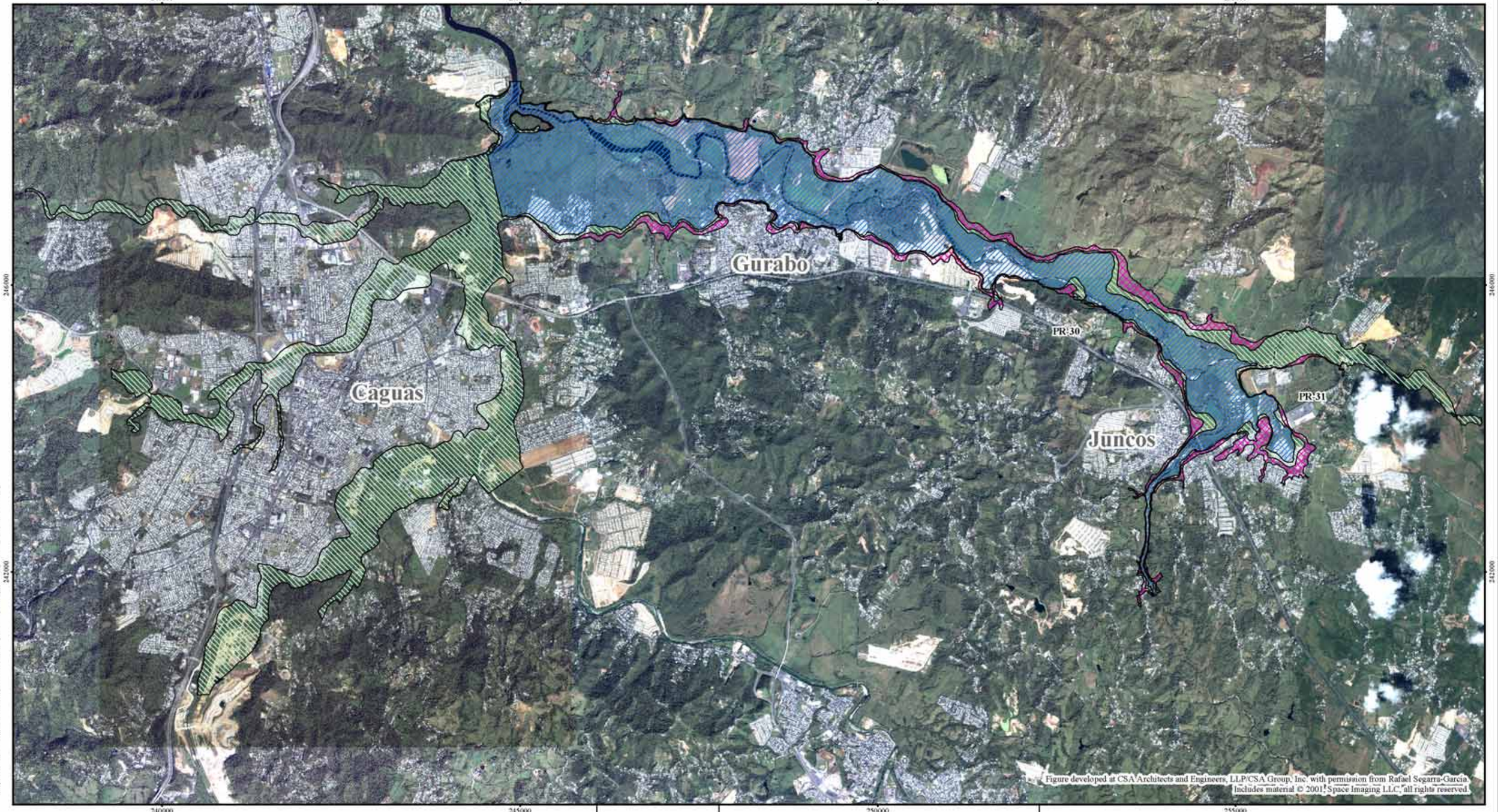


**EXHIBIT 7.**

**RIO VALENCIANO DAM BREACH**
**FLOOD EXTENT BOUNDARIES**
**FOR PMF, 100-YR, AND SUNNY DAY EVENTS**

N

**Legend**

FLOOD EXTENTS

- 100-YR BREACH
- PMF BREACH
- SUNNY DAY BREACH

**SCALE 1:50,000**

1 0.5 0 1 2 Kilometers

1 0.5 0 1 2 Miles

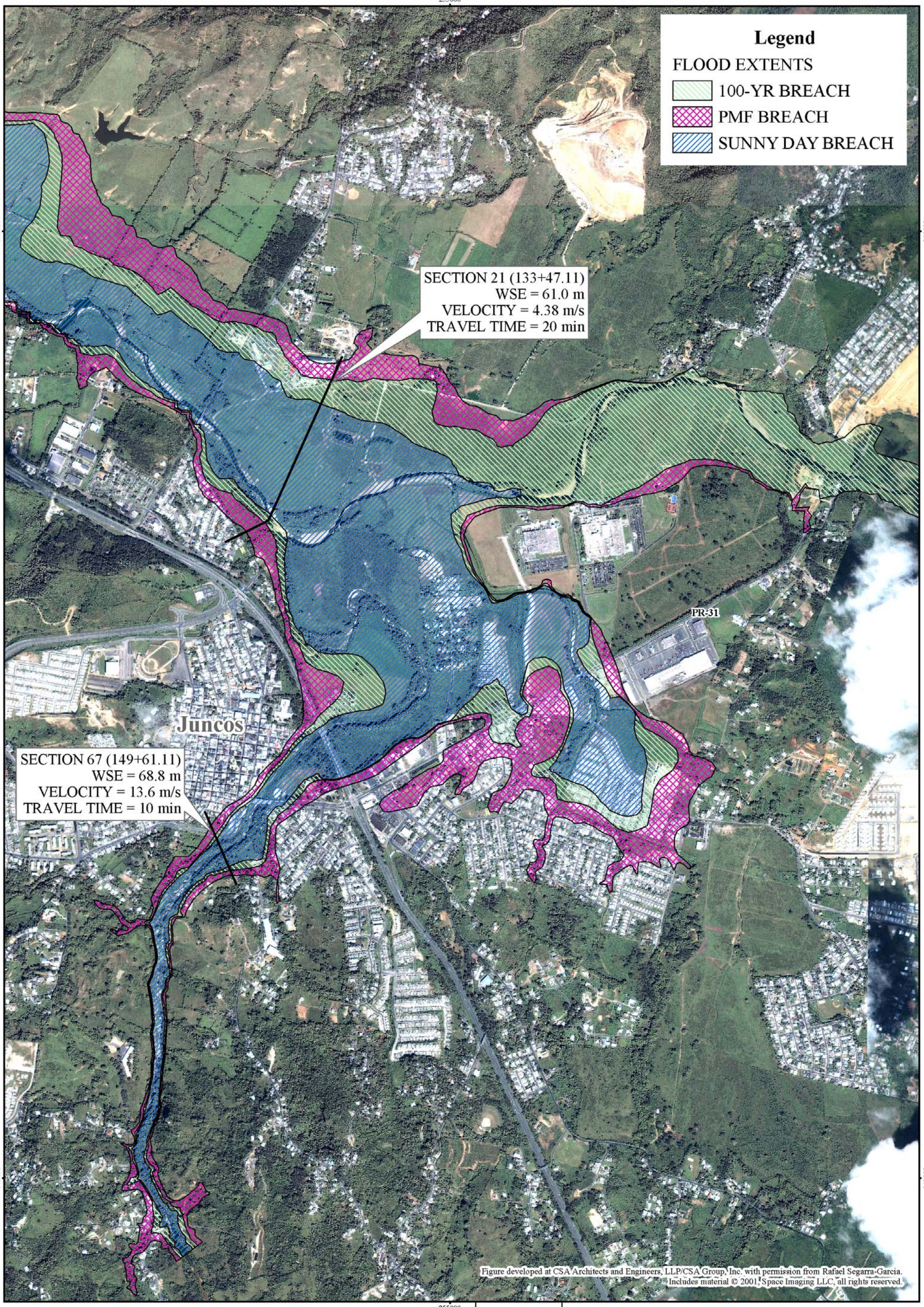


**EXHIBIT 7a.**

**RIO VALENCIANO DAM BREACH**
**FLOOD EXTENT BOUNDARIES**
**FOR PMF, 100-YR, AND SUNNY DAY EVENTS**

N

**SCALE 1:15,000**

0.5 0.25 0 0.5 Kilometers

0 0.3 0.6 Miles

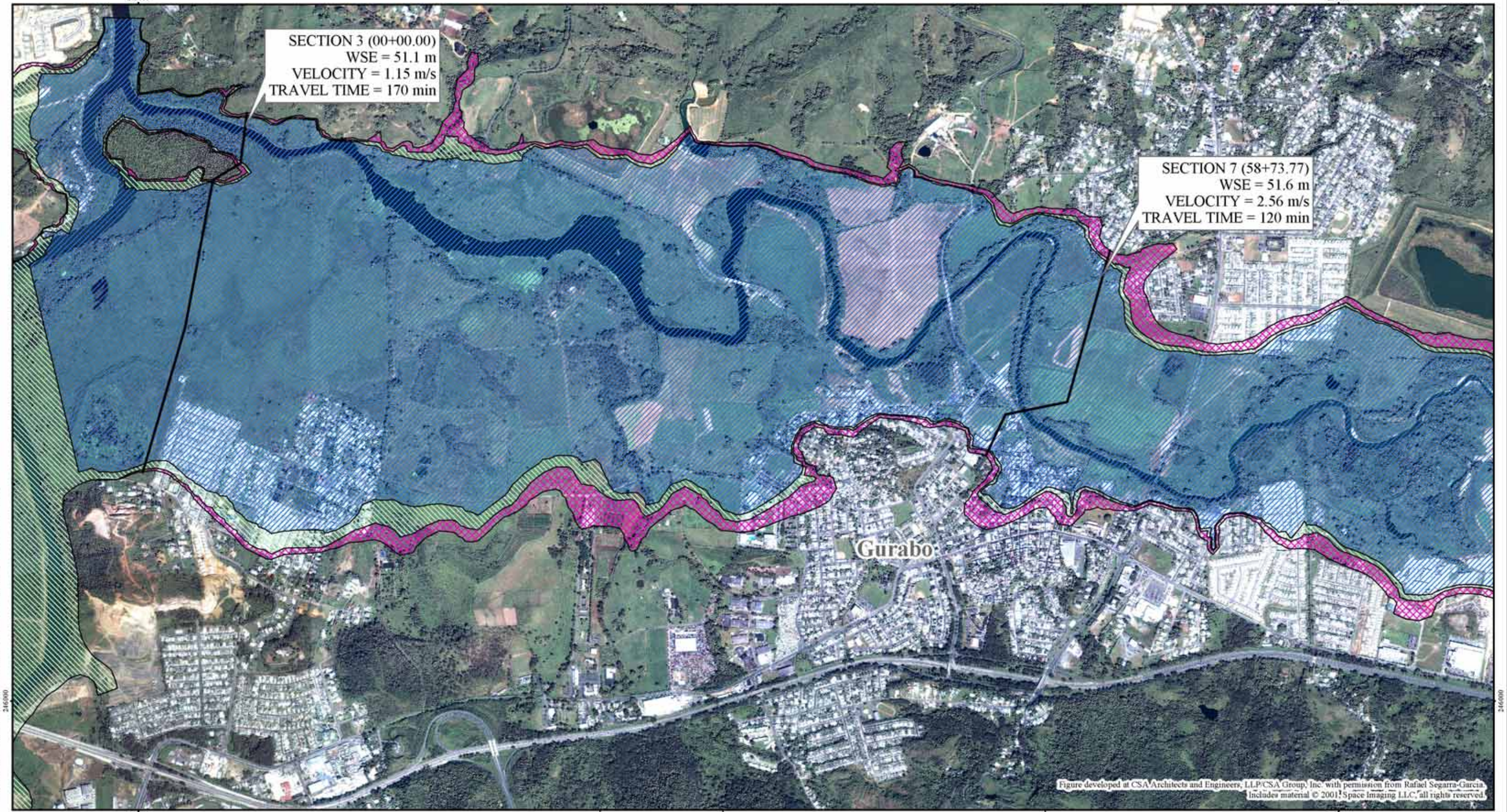


**EXHIBIT 7b.**

**RIO VALENCIANO DAM BREACH**
**FLOOD EXTENT BOUNDARIES**
**FOR PMF, 100-YR, AND SUNNY DAY EVENTS**

N

**Legend**

FLOOD EXTENTS

- 100-YR BREACH
- PMF BREACH
- SUNNY DAY BREACH

**SCALE 1:15,000**

0.5 0.25 0 0.5 Kilometers

0.5 0.25 0 0.5 Miles

# IX. APPENDIXES

# APPENDIX A

## Rainfall Station Data

Juncos 1 SE Annual Series

| Year | Rainfall (in.) | Year | Rainfall (in.) |
|---|---|---|---|
| 1931 | 4.15 | 1971 | 3.80 |
| 1932 | | 1972 | 1.95 |
| 1933 | 2.60 | 1973 | 5.72 |
| 1934 | 1.95 | 1974 | 3.15 |
| 1935 | 2.30 | 1975 | 6.60 |
| 1936 | 5.20 | 1976 | 2.62 |
| 1937 | 3.55 | 1977 | 8.50 |
| 1938 | 4.00 | 1978 | 4.05 |
| 1939 | 2.00 | 1979 | 9.20 |
| 1940 | 2.75 | 1980 | 2.50 |
| 1941 | 2.64 | 1981 | 2.90 |
| 1942 | 2.79 | 1982 | 3.35 |
| 1943 | 6.53 | 1983 | 6.90 |
| 1944 | 4.53 | 1984 | 3.57 |
| 1945 | | 1985 | 8.38 |
| 1946 | 2.57 | 1986 | 5.19 |
| 1947 | 3.94 | 1987 | 14.40 |
| 1948 | 6.09 | 1988 | 6.06 |
| 1949 | 4.62 | 1989 | 5.84 |
| 1950 | 3.93 | 1990 | 2.45 |
| 1951 | 2.00 | 1991 | 2.15 |
| 1952 | 5.79 | 1992 | 6.57 |
| 1953 | 3.80 | 1993 | 3.60 |
| 1954 | 6.70 | 1994 | 3.27 |
| 1955 | 3.26 | 1995 | 4.00 |
| 1956 | 3.91 | 1996 | 12.34 |
| 1957 | 2.25 | 1997 | 6.30 |
| 1958 | 3.70 | 1998 | 11.30 |
| 1959 | 2.86 | 1999 | 2.60 |
| 1960 | 5.88 | 2000 | 20.55 |
| 1961 | 2.30 | 2001 | 6.97 |
| 1962 | 3.80 | 2002 | 4.20 |
| 1963 | 2.15 | 2003 | 5.93 |
| 1964 | 3.69 | 2004 | 6.38 |
| 1965 | 4.20 | 2005 | 4.40 |
| 1966 | 2.23 | 2006 | 5.55 |
| 1967 | 1.65 | | |
| 1968 | 2.18 | | |
| 1969 | 5.32 | | |
| 1970 | 10.90 | | |

# APPENDIX B

Valenciano Curve Number Estimation Data

**Table B.1 Rio Valenciano Dam Watershed Soil Association Distribution for Study Area**

| Soil Type | Percentages, % | Area, mi² |
|---|---|---|
| B | 6.35 | 0.92 |
| C | 35.57 | 5.18 |
| D | 58.08 | 8.45 |

**Table B.2 Soils found in the Rio Valenciano Dam Watershed Study Area**

| Symbol | Name and Description | Hydrologic Soil Group |
|---|---|---|
| Re | Reilly soils | A |
| HmB | Humacao loam/ 2 to 5% slopes | B |
| InE2 | Ingenio silty clay loam/ 20 to 40% slopes/ eroded | B |
| JgE2 | Jagueyes loam/ 20 to 40% slopes/ eroded | B |
| LoC2 | Lirios clay loam/ 3 to 10% slopes/ eroded | B |
| LrE2 | Lirios silty clay loam/ 20 to 40% slopes/ eroded | B |
| LoF2 | Lirios silty clay loam/ 20 to 60% slopes/ eroded | B |
| MlC | Mayo loam/ 3 to 10% slopes | B |
| CdB | Candelero loam/ 2 to 5% slopes | C |
| CdC2 | Candelero loam/ 5 to 12% slopes/ eroded | C |
| Co | Cayagua sandy loam | C |
| CgD2 | Cayagua sandy loam/ 12 to 20% slopes/ eroded | C |
| CgC2 | Cayagua sandy loam/ 5 to 12% slopes/ eroded | C |
| MuE2 | Mucara silty clay loam/ 20 to 40% slopes/ eroded | D |
| PaE2 | Pandura loam/ 12 to 40% slopes/ eroded | D |
| PaF2 | Pandura loam/ 40 to 60% slopes/ eroded | D |
| PaD | Pandura sandy loam/ 12 to 20% slopes | D |
| PaE | Pandura sandy loam/ 20 to 40% slopes | D |
| PaF | Pandura sandy loam/ 40 to 60% slopes | D |
| PdF | Pandura-Very stony land complex/ 40 to 60% slopes | D |
| SNS | Soil not surveyed | D |
| TeE | Teja gravelly sandy loam/ 12 to 40% slopes | D |
| W | Water | D |

**Table B.3 Rio Valenciano Dam Watershed Study Area Land Use Distribution**

| Land Use | Percentages,% | Area, $mi^2$ |
|---|---|---|
| Pasture, grassland, or range - Fair | 61.19 | 8.904 |
| Woods-grass combination - orchard - Fair | 20.24 | 2.945 |
| Urban district, Commercial and business (85% ave imperv area) | 16.29 | 2.370 |
| Woods - Fair | 1.27 | 0.185 |
| Developing urban area, newly graded (no vegetation) | 0.95 | 0.138 |
| Water - Sea, lagoon, lake, wetland, coastal, fresh water marsh | 0.06 | 0.009 |

## Table B.4 SCS Curve Number Table

| | A | B | C | D |
|---|---|---|---|---|
| 1 Fully developed urban area - open space - Poor | 68 | 79 | 86 | 89 |
| 2 Fully developed urban area - open space - Fair | 49 | 69 | 79 | 84 |
| 3 Fully developed urban area - open space - Good | 39 | 61 | 74 | 80 |
| 4 Paved parking lots, roofs, driveways, etc. (excl. ROW) | 98 | 98 | 98 | 98 |
| 5 Paved streets with curbs and storm sewers (excl. ROW) | 98 | 98 | 98 | 98 |
| 6 Paved streets with open ditches (incl. ROW) | 83 | 89 | 92 | 93 |
| 7 Gravel streets | 76 | 85 | 89 | 91 |
| 8 Dirt streets | 72 | 82 | 87 | 89 |
| 9 Western desert urban, natural desert landscape | 63 | 77 | 85 | 88 |
| 10 Western desert urban, artificial desert landscape | 96 | 96 | 96 | 96 |
| 11 Urban district, Commercial and business (85% ave imperv area) | 89 | 92 | 94 | 95 |
| 12 Urban district, Industrial (72% ave imperv area) | 81 | 88 | 91 | 93 |
| 13 Residential district, 1/8 ac. lots or less | 77 | 85 | 90 | 92 |
| 14 Residential district, 1/4 ac. lots | 61 | 75 | 83 | 87 |
| 15 Residential district, 1/3 ac. lots | 57 | 72 | 81 | 86 |
| 16 Residential district, 1/2 ac. lots | 54 | 70 | 80 | 85 |
| 17 Residential district, 1 ac. lots | 51 | 68 | 79 | 84 |
| 18 Residential district, 2 ac. lots | 46 | 65 | 77 | 82 |
| 19 Developing urban area, newly graded (no vegetation) | 77 | 86 | 91 | 94 |
| 20 Pasture, grassland, or range - Poor | 68 | 79 | 86 | 89 |
| 21 Pasture, grassland, or range - Fair | 49 | 69 | 79 | 84 |
| 22 Pasture, grassland, or range - Good | 39 | 61 | 74 | 80 |
| 23 Meadow - continuous grass, no grazing | 30 | 58 | 71 | 78 |
| 24 Brush - brush, weed, and grass - Poor | 48 | 67 | 77 | 83 |
| 25 Brush - brush, weed, and grass - Fair | 35 | 56 | 70 | 77 |
| 26 Brush - brush, weed, and grass - Good | 30 | 48 | 65 | 73 |
| 27 Woods-grass combination - orchard - Poor | 57 | 73 | 82 | 86 |
| 28 Woods-grass combination - orchard - Fair | 43 | 65 | 76 | 82 |
| 29 Woods-grass combination - orchard - Good | 32 | 58 | 72 | 79 |
| 30 Woods - Poor | 45 | 66 | 77 | 83 |
| 31 Woods - Fair | 36 | 60 | 73 | 79 |
| 32 Woods - Good | 30 | 55 | 70 | 77 |
| 33 Farmsteads - buildings, lanes, surrounding lots | 59 | 74 | 82 | 86 |
| 34 Cultivated agr. - fallow - bare soil | 77 | 86 | 91 | 94 |
| 35 Cultivated agr. - fallow - crop residue(CR) - Poor | 76 | 85 | 90 | 93 |
| 36 Cultivated agr. - fallow - crop residue(CR) - Good | 74 | 83 | 88 | 90 |
| 37 Cultivated agr. - row - straight row(SR) - Poor | 72 | 81 | 88 | 91 |
| 38 Cultivated agr. - row - straight row(SR) - Good | 67 | 78 | 85 | 89 |
| 39 Cultivated agr. - row - SR + CR - Poor | 71 | 80 | 87 | 90 |
| 40 Cultivated agr. - row - SR + CR - Good | 64 | 75 | 82 | 85 |
| 41 Cultivated agr. - row - Contoured(C) - Poor | 70 | 79 | 84 | 88 |
| 42 Cultivated agr. - row - Contoured(C) - Good | 65 | 75 | 82 | 86 |
| 43 Cultivated agr. - row - C + CR - Poor | 69 | 78 | 83 | 87 |
| 44 Cultivated agr. - row - C + CR - Good | 64 | 74 | 81 | 85 |
| 45 Cultivated agr. - row - Contoured and terraced (C&T) - Poor | 66 | 74 | 80 | 82 |
| 46 Cultivated agr. - row - Contoured and terraced (C&T) - Good | 62 | 71 | 78 | 81 |

**Table B.4 SCS Curve Number Table (Cont.)**

| | | | | |
|---|---|---|---|---|
| 47 Cultivated agr. - row - C&T + CR - Poor | 65 | 73 | 79 | 81 |
| 48 Cultivated agr. - row - C&T + CR - Good | 61 | 70 | 77 | 80 |
| 49 Cultivated agr. - small grain - SR - Poor | 65 | 76 | 84 | 88 |
| 50 Cultivated agr. - small grain - SR - Good | 63 | 75 | 83 | 87 |
| 51 Cultivated agr. - small grain - SR + CR - Poor | 64 | 75 | 83 | 87 |
| 52 Cultivated agr. - small grain - SR + CR - Good | 60 | 72 | 80 | 84 |
| 53 Cultivated agr. - small grain - C - Poor | 63 | 74 | 82 | 85 |
| 54 Cultivated agr. - small grain - C - Good | 61 | 73 | 81 | 84 |
| 55 Cultivated agr. - small grain - C + CR - Poor | 62 | 73 | 81 | 84 |
| 56 Cultivated agr. - small grain - C + CR - Good | 60 | 72 | 80 | 83 |
| 57 Cultivated agr. - small grain - C&T - Poor | 61 | 72 | 79 | 82 |
| 58 Cultivated agr. - small grain - C&T - Good | 59 | 70 | 78 | 81 |
| 59 Cultivated agr. - small grain - C&T + CR - Poor | 60 | 71 | 78 | 81 |
| 60 Cultivated agr. - small grain - C&T + CR - Good | 58 | 69 | 77 | 80 |
| 61 Cultivated agr. - close-seeded - SR - Poor | 66 | 77 | 85 | 89 |
| 62 Cultivated agr. - close-seeded - SR - Good | 58 | 72 | 81 | 85 |
| 63 Cultivated agr. - legumes/rotation - C - Poor | 64 | 75 | 83 | 85 |
| 64 Cultivated agr. - legumes/rotation - C - Good | 55 | 69 | 78 | 83 |
| 65 Cultivated agr. - meadow - C&T - Poor | 63 | 73 | 80 | 83 |
| 66 Cultivated agr. - meadow - C&T - Good | 51 | 67 | 76 | 80 |
| 67 Arid range - herbaceous(grass,weeds,etc.) - Poor | 0 | 80 | 87 | 93 |
| 68 Arid range - herbaceous(grass,weeds,etc.) - Fair | 0 | 71 | 81 | 89 |
| 69 Arid range - herbaceous(grass,weeds,etc.) - Good | 0 | 62 | 74 | 85 |
| 70 Arid range - Oak-aspen (mountain brush) - Poor | 0 | 66 | 74 | 79 |
| 71 Arid range - Oak-aspen (mountain brush) - Fair | 0 | 48 | 57 | 63 |
| 72 Arid range - Oak-aspen (mountain brush) - Good | 0 | 30 | 41 | 48 |
| 73 Arid range - Pinon-juniper (grass understory) - Poor | 0 | 75 | 85 | 89 |
| 74 Arid range - Pinon-juniper (grass understory) - Fair | 0 | 58 | 73 | 80 |
| 75 Arid range - Pinon-juniper (grass understory) - Good | 0 | 41 | 61 | 71 |
| 76 Arid range - Sagebrush with grass understory - Poor | 0 | 67 | 80 | 85 |
| 77 Arid range - Sagebrush with grass understory - Fair | 0 | 51 | 63 | 70 |
| 78 Arid range - Sagebrush with grass understory - Good | 0 | 35 | 47 | 55 |
| 79 Arid range - Desert shrub - Poor | 63 | 77 | 85 | 88 |
| 80 Arid range - Desert shrub - Fair | 55 | 72 | 81 | 86 |
| 81 Arid range - Desert shrub - Good | 49 | 68 | 79 | 84 |
| 82 Water - Sea, lagoon, lake, wetland, coastal, fresh water marsh | 0 | 0 | 0 | 0 |
| 83 Mangrove | 0 | 0 | 0 | 0 |
| 84 Rice cropland | 0 | 0 | 0 | 0 |
| 85 Rockland and coastal promontories | 0 | 0 | 0 | 0 |
| 86 Saline marsh | 0 | 0 | 0 | 0 |
| 87 Saltworks | 0 | 0 | 0 | 0 |
| 88 Reef | 0 | 0 | 0 | 0 |
| 89 Beach and silicious sand | 0 | 0 | 0 | 0 |
| 90 Non coastal sand | 0 | 0 | 0 | 0 |
| 91 Special facilities (Military) | 0 | 0 | 0 | 0 |
| 92 Unknown use or error | 0 | 0 | 0 | 0 |

# APPENDIX C

## Simulation Output Files for the Hydrologic Analysis
(Data transformed to HEC-1 format)

```
1****************************************                    ****************************************
*                                      *                    *                                      *
* FLOOD HYDROGRAPH PACKAGE (HEC-1)     *                    *  U.S. ARMY CORPS OF ENGINEERS        *
*        MAY  1991                     *                    *  HYDROLOGIC ENGINEERING CENTER       *
*      VERSION 4.0.1E                  *                    *        609 SECOND STREET             *
*                                      *                    *  DAVIS, CALIFORNIA 95616             *
* RUN DATE   TIME                      *                    *       (916) 551-1748                 *
*                                      *                    *                                      *
****************************************                    ****************************************


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

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

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

HEC-1 INPUT  PAGE 1

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

  1       ID HEC-1 Analysis using WMS
  2       ID Rio Valenciano Dam PMF-24-hr
  3       ID
          *DIAGRAM
  4       IT     5 01JAN94     0    360
  5       IO     0

  6       KK 10BPMP
  7       KO     0     0    0.0     1    22
  8       BA 55.556
  9       PB  20.53
 10        IN     6 01JAN94     0
          * typeII-24hour
 11        PC    0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
 12        PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
 13        PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
 14        PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
 15        PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
 16        PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
 17        PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
 18        PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
 19        PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
 20        PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
 21        PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
 22        PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
 23        PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
 24        PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
 25        PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
 26        PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
 27        PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
 28        PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
 29        PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
 30        PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
 31        PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
 32        PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
 33        PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
```

```
PC 0.9888 0.9899 0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
PC 1.0
LS 0.0 80.0 0.0
UD 4.2703

KK 11BPMP
KO 0 0 0.0 1 22
BA 32.428
PB 14.84
IN 6 01JAN94 0
* typeII-24hour
PC 0.0 0.001 0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
PC 0.0105 0.0116 0.0127 0.0138 0.015 0.0161 0.0173 0.0185 0.0196 0.0208
PC 0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
PC 0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
PC 0.063 0.0646 0.0662 0.0679 0.0696 0.0712 0.073 0.0747 0.0764 0.0782
PC 0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931 0.095 0.097
PC 0.099 0.101 0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
```

HEC-1 INPUT PAGE 2

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

 51      PC  0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
 52      PC 0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
 53      PC 0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
 54      PC 0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
 55      PC 0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
 56      PC 0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
 57      PC  0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
 58      PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
 59      PC  0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
 60      PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
 61      PC 0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
 62      PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
 63      PC 0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
 64      PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
 65      PC 0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
 66      PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
 67      PC   1.0
 68      LS   0.0   80.0    0.0
 69      UD 2.8726

 70      KK    5C  CNAME    5R
 71      KO     0     0   0.0     0    22
 72      HC     2

 73      KK    5R  CNAME    5C
 74      KO     0     0   0.0     0    22
 75      RM    17 1.2954    0.2

 76      KK  8BPMP
 77      KO     0     0   0.0     1    22
 78      BA 3.7004
 79      PB  15.07
 80      IN     6 01JAN94     0
         * typeII-24hour
 81      PC    0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
 82      PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
 83      PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
 84      PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
 85      PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
 86      PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
 87      PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
 88      PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
 89      PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
 90      PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
 91      PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
 92      PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
 93      PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
 94      PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
 95      PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
 96      PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
 97      PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
 98      PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
 99      PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
100      PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
101      PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
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HEC-1 INPUT PAGE 3

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

102       PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
103       PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
104       PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
105       PC   1.0
106       LS   0.0  80.0   0.0
107       UD 1.2445

108       KK  9BPMP
109       KO    0    0   0.0    1   22
110       BA 18.660
111       PB  13.67
112       IN    6 01JAN94    0
        * typeII-24hour
113       PC   0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
114       PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
115       PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
116       PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
117       PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
118       PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
119       PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
120       PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
121       PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
122       PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
123       PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
124       PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
125       PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
126       PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
127       PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
128       PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
129       PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
130       PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
131       PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
132       PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
133       PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
134       PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
135       PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
136       PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
137       PC   1.0
138       LS   0.0  80.0   0.0
139       UD 3.4303

140       KK    8C  CNAME    8R
141       KO    0    0   0.0    0   22
142       HC    3

143       KK    8R  CNAME    8C
144       KO    0    0   0.0    0   22
145       RM    3 0.1707   0.2

146       KK  6BPMP
147       KO    0    0   0.0    1   22
148       BA 0.0823
149       PB  15.61
150       IN    6 01JAN94    0
        * typeII-24hour
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HEC-1 INPUT PAGE 4

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

 151      PC   0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
 152      PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
 153      PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
 154      PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
 155      PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
 156      PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
 157      PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
 158      PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
 159      PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
 160      PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
 161      PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
 162      PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
 163      PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
 164      PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
 165      PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
 166      PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
 167      PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
 168      PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
 169      PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
 170      PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
 171      PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
 172      PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
 173      PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
 174      PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
 175      PC   1.0
 176      LS   0.0   80.0    0.0
 177      UD 0.2774

 178      KK  7BPMP
 179      KO    0     0   0.0     1    22
 180      BA 7.1784
 181      PB  15.07
 182      IN     6 01JAN94     0
        * typeII-24hour
 183      PC   0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
 184      PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
 185      PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
 186      PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
 187      PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
 188      PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
 189      PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
 190      PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
 191      PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
 192      PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
 193      PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
 194      PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
 195      PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
 196      PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
 197      PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
 198      PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
 199      PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
 200      PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
 201      PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
 202      PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
 203      PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
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HEC-1 INPUT PAGE 5

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

204      PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
205      PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
206      PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
207      PC   1.0
208      LS   0.0   80.0    0.0
209      UD 2.9547

210      KK    7C  CNAME    7R
211      KO     0     0   0.0     0    22
212      HC     3

213      KK    7R  CNAME    7C
214      KO     0     0   0.0     0    22
215      RM     5 0.3481    0.2

216      KK  3BPMP
217      KO     0     0   0.0     1    22
218      BA 14.782
219      PB   52.0
220      IN     6 01JAN94     0
         * typeII-24hour
221      PC    0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
222      PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
223      PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
224      PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
225      PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
226      PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
227      PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
228      PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
229      PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
230      PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
231      PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
232      PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
233      PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
234      PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
235      PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
236      PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
237      PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
238      PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
239      PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
240      PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
241      PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
242      PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
243      PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
244      PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
245      PC   1.0
246      LS   0.0   94.0    0.0
247      UD 2.1053

248      KK    9R  CNAME    9C
249      KO     0     0   0.0     0    22
250      RM    15 1.1286    0.2
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HEC-1 INPUT PAGE 6

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

251       KK  1BPMP
252       KO     0     0   0.0     1    22
253       BA 25.736
254       PB  19.53
255       IN     6 01JAN94     0
          * typeII-24hour
256       PC    0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
257       PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
258       PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
259       PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
260       PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
261       PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
262       PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
263       PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
264       PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
265       PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
266       PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
267       PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
268       PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
269       PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
270       PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
271       PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
272       PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
273       PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
274       PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
275       PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
276       PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
277       PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
278       PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
279       PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
280       PC    1.0
281       LS    0.0   80.0    0.0
282       UD 3.4778

283       KK  2BPMP
284       KO     0     0   0.0     1    22
285       BA 7.7205
286       PB  19.32
287       IN     6 01JAN94     0
          * typeII-24hour
288       PC    0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
289       PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
290       PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
291       PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
292       PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
293       PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
294       PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
295       PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
296       PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
297       PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
298       PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
299       PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
300       PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
301       PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
```

HEC-1 INPUT PAGE 7

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

302      PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
303      PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
304      PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
305      PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
306      PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
307      PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
308      PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
309      PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
310      PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
311      PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
312      PC   1.0
313      LS   0.0  80.0   0.0
314      UD 1.3544

315      KK    4C  CNAME    4R
316      KO     0    0   0.0    0   22
317      HC     3

318      KK    4R  CNAME    4C
319      KO     0    0   0.0    0   22
320      RM    43 3.4842   0.2

321      KK  4BPMP
322      KO     0    0   0.0    1   22
323      BA 21.474
324      PB   16.0
325      IN     6 01JAN94    0
       * typeII-24hour
326      PC    0.0  0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
327      PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
328      PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
329      PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
330      PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
331      PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
332      PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
333      PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
334      PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
335      PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
336      PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
337      PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
338      PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
339      PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
340      PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
341      PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
342      PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
343      PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
344      PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
345      PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
346      PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
347      PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
348      PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
349      PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
350      PC   1.0
351      LS   0.0  80.0   0.0
352      UD 3.2763
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HEC-1 INPUT PAGE 8

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

353       KK  5BPMP
354       KO     0     0   0.0     1    22
355       BA 0.2029
356       PB  15.61
357       IN     6 01JAN94     0
        * typeII-24hour
358       PC    0.0 0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
359       PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
360       PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
361       PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
362       PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
363       PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
364       PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
365       PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
366       PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
367       PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
368       PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
369       PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
370       PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
371       PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
372       PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
373       PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
374       PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
375       PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
376       PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
377       PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
378       PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
379       PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
380       PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
381       PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
382       PC    1.0
383       LS   0.0  80.0   0.0
384       UD 0.3759

385       KK    3C  CNAME    3R
386       KO     0     0   0.0     0    22
387       HC     4

388       KK    3R  CNAME    3C
389       KO     0     0   0.0     0    22
390       RM    39 3.1892   0.2

391       KK 12BPMP
392       KO     0     0   0.0     1    22
393       BA 20.360
394       PB  15.61
395       IN     6 01JAN94     0
        * typeII-24hour
396       PC    0.0 0.001  0.002 0.0031 0.0041 0.0051 0.0062 0.0073 0.0083 0.0094
397       PC 0.0105 0.0116 0.0127 0.0138  0.015 0.0161 0.0173 0.0185 0.0196 0.0208
398       PC  0.022 0.0232 0.0244 0.0256 0.0269 0.0281 0.0294 0.0307 0.0319 0.0332
399       PC 0.0345 0.0358 0.0371 0.0384 0.0398 0.0411 0.0425 0.0439 0.0452 0.0466
400       PC  0.048 0.0494 0.0508 0.0523 0.0538 0.0553 0.0568 0.0583 0.0598 0.0614
401       PC  0.063 0.0646 0.0662 0.0679 0.0696 0.0712  0.073 0.0747 0.0764 0.0782
```

HEC-1 INPUT PAGE 9

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

402       PC   0.08 0.0818 0.0836 0.0855 0.0874 0.0892 0.0912 0.0931  0.095  0.097
403       PC  0.099  0.101  0.103 0.1051 0.1072 0.1093 0.1114 0.1135 0.1156 0.1178
404       PC   0.12 0.1223 0.1246 0.1271 0.1296 0.1323  0.135 0.1379 0.1408 0.1439
405       PC  0.147 0.1502 0.1534 0.1566 0.1598  0.163 0.1663 0.1697 0.1733 0.1771
406       PC  0.181 0.1851 0.1895 0.1941 0.1989  0.204 0.2094 0.2152 0.2214  0.228
407       PC  0.235 0.2427 0.2513 0.2609 0.2715  0.283 0.3068 0.3544 0.4308 0.5679
408       PC  0.663  0.682 0.6986  0.713 0.7252  0.735 0.7434 0.7514 0.7588 0.7656
409       PC  0.772  0.778 0.7836  0.789 0.7942  0.799 0.8036  0.808 0.8122 0.8162
410       PC   0.82 0.8237 0.8273 0.8308 0.8342 0.8376 0.8409 0.8442 0.8474 0.8505
411       PC 0.8535 0.8565 0.8594 0.8622 0.8649 0.8676 0.8702 0.8728 0.8753 0.8777
412       PC   0.88 0.8823 0.8845 0.8868  0.889 0.8912 0.8933 0.8955 0.8976 0.8997
413       PC 0.9018 0.9038 0.9058 0.9078 0.9097 0.9117 0.9136 0.9155 0.9174 0.9192
414       PC  0.921 0.9228 0.9245 0.9263  0.928 0.9297 0.9314  0.933 0.9346 0.9362
415       PC 0.9377 0.9393 0.9408 0.9423 0.9437 0.9452 0.9466  0.948 0.9494 0.9507
416       PC  0.952 0.9533 0.9546 0.9559 0.9572 0.9584 0.9597  0.961 0.9622 0.9635
417       PC 0.9648  0.966 0.9672 0.9685 0.9697 0.9709 0.9722 0.9734 0.9746 0.9758
418       PC  0.977 0.9782 0.9794 0.9806 0.9818 0.9829 0.9841 0.9853 0.9864 0.9876
419       PC 0.9888 0.9899  0.991 0.9922 0.9933 0.9944 0.9956 0.9967 0.9978 0.9989
420       PC   1.0
421       LS   0.0   80.0    0.0
422       UD 3.1788

423       KK    2C  CNAME    2R
424       KO     0     0   0.0     0    22
425       HC     2

426       KK    2R  CNAME    2C
427       KO     0     0   0.0     0    22
428       RN    2R
429       ZZ
```

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

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

  6    10BPMP
          .
          .
 38        .     11BPMP
          .        .
          .        .
 70       5C............
          V
          V
 73       5R
          .
          .
 76        .     8BPMP
          .        .
          .        .
108        .        .     9BPMP
          .        .        .
          .        .        .
140       8C.........................
          V
          V
143       8R
          .
          .
146        .     6BPMP
          .        .
          .        .
178        .        .     7BPMP
          .        .        .
          .        .        .
210       7C.........................
          V
          V
213       7R
          .
          .
216        .     3BPMP
          .        V
          .        V
248        .       9R
          .        .
          .        .
251        .        .     1BPMP
          .        .        .
          .        .        .
283        .        .        .     2BPMP
          .        .        .        .
          .        .        .        .
315        .       4C.........................
          .        V
          .        V
318        .       4R
          .        .
          .        .
321        .        .     4BPMP
          .        .        .
          .        .        .
353        .        .        .     5BPMP
          .        .        .        .
          .        .        .        .
385       3C.......................................
          V
          V
388       3R
          .
          .
391        .     12BPMP
```

```
        .       .
        .       .
 423     2C.........
        V
        V
 426     2R

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION
1****************************************                    ************************************
*                                      *                    *                                  *
* FLOOD HYDROGRAPH PACKAGE (HEC-1)     *                    *  U.S. ARMY CORPS OF ENGINEERS    *
*        MAY  1991                     *                    *  HYDROLOGIC ENGINEERING CENTER   *
*      VERSION 4.0.1E                  *                    *       609 SECOND STREET          *
*                                      *                    *  DAVIS, CALIFORNIA 95616         *
* RUN DATE   TIME                      *                    *      (916) 551-1748              *
*                                      *                    *                                  *
****************************************                    ************************************


            HEC-1 Analysis using WMS
            Rio Valenciano Dam PMF-24-hr


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

 IT        HYDROGRAPH TIME DATA
            NMIN         5  MINUTES IN COMPUTATION INTERVAL
            IDATE    1JAN94  STARTING DATE
            ITIME      0000  STARTING TIME
             NQ,       360  NUMBER OF HYDROGRAPH ORDINATES
           NDDATE    2JAN94  ENDING DATE
           NDTIME      0555  ENDING TIME
           ICENT        19  CENTURY MARK

          COMPUTATION INTERVAL   0.08 HOURS
             TOTAL TIME BASE   29.92 HOURS

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


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


       **************
       *            *
 6 KK  *   10BPMP   *
       *            *
       **************

 7 KO      OUTPUT CONTROL VARIABLES
            IPRNT        0  PRINT CONTROL
            IPLOT        0  PLOT CONTROL
            QSCAL        0.  HYDROGRAPH PLOT SCALE
            IPNCH        1  PUNCH COMPUTED HYDROGRAPH
            IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
            ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
            ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
           TIMINT    0.083  TIME INTERVAL IN HOURS
```

10 IN TIME DATA FOR INPUT TIME SERIES
JXMIN 6 TIME INTERVAL IN MINUTES
JXDATE 1JAN94 STARTING DATE
JXTIME 0 STARTING TIME

SUBBASIN RUNOFF DATA

8 BA SUBBASIN CHARACTERISTICS
TAREA, 55.56 SUBBASIN AREA

PRECIPITATION DATA

9 PB STORM 20.53 BASIN TOTAL PRECIPITATION

11 PI INCREMENTAL PRECIPITATION PATTERN

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 |
| 0.05 | 0.08 | 0.11 | 0.08 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

36 LS SCS LOSS RATE
STRTL 0.50 INITIAL ABSTRACTION
CRVNBR 80.00 CURVE NUMBER
RTIMP 0.00 PERCENT IMPERVIOUS AREA

37 UD SCS DIMENSIONLESS UNITGRAPH
TLAG 4.27 LAG

***

UNIT HYDROGRAPH
258 END-OF-PERIOD ORDINATES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 36. | 72. | 108. | 144. | 180. | 256. | 340. | 425. | 509. | 593. |
| 693. | 801. | 909. | 1018. | 1126. | 1251. | 1396. | 1540. | 1684. | 1829. |
| 1988. | 2180. | 2372. | 2565. | 2757. | 2954. | 3183. | 3412. | 3640. | 3869. |
| 4097. | 4291. | 4484. | 4676. | 4869. | 5061. | 5207. | 5339. | 5471. | 5604. |
| 5736. | 5832. | 5904. | 5976. | 6048. | 6120. | 6167. | 6179. | 6191. | 6203. |
| 6215. | 6221. | 6209. | 6197. | 6185. | 6173. | 6156. | 6083. | 6011. | 5939. |
| 5867. | 5795. | 5712. | 5627. | 5543. | 5459. | 5375. | 5282. | 5186. | 5089. |
| 4993. | 4897. | 4787. | 4667. | 4547. | 4426. | 4306. | 4177. | 4032. | 3888. |
| 3744. | 3599. | 3460. | 3340. | 3219. | 3099. | 2979. | 2860. | 2776. | 2692. |
| 2607. | 2523. | 2439. | 2365. | 2293. | 2221. | 2149. | 2076. | 2013. | 1952. |
| 1892. | 1832. | 1772. | 1720. | 1676. | 1632. | 1588. | 1545. | 1501. | 1457. |
| 1413. | 1369. | 1325. | 1282. | 1246. | 1210. | 1174. | 1138. | 1102. | 1066. |
| 1030. | 994. | 958. | 922. | 895. | 871. | 847. | 823. | 799. | 775. |
| 751. | 727. | 703. | 679. | 658. | 639. | 621. | 603. | 585. | 567. |
| 549. | 531. | 513. | 495. | 478. | 464. | 451. | 438. | 425. | 412. |
| 398. | 385. | 372. | 359. | 345. | 335. | 326. | 317. | 308. | 299. |
| 290. | 281. | 272. | 263. | 254. | 246. | 240. | 233. | 226. | 220. |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 213. | 206. | 200. | 193. | 187. | 180. | 175. | 171. | 166. | 161. |
| 156. | 151. | 146. | 142. | 137. | 132. | 128. | 124. | 121. | 117. |
| 114. | 110. | 106. | 103. | 99. | 96. | 92. | 90. | 88. | 85. |
| 83. | 80. | 78. | 76. | 73. | 71. | 68. | 67. | 66. | 64. |
| 63. | 61. | 60. | 58. | 57. | 55. | 54. | 53. | 51. | 50. |
| 48. | 47. | 45. | 44. | 42. | 41. | 40. | 38. | 37. | 35. |
| 34. | 32. | 31. | 30. | 29. | 27. | 26. | 25. | 24. | 23. |
| 21. | 20. | 19. | 18. | 17. | 15. | 14. | 13. | 12. | 10. |
| 9. | 8. | 7. | 6. | 4. | 3. | 2. | 1. | | |

**********

HYDROGRAPH AT STATION 10BPMP

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| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | * | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | * | 1 JAN 1500 | 181 | 0.05 | 0.00 | 0.05 | 68502. |
| 1 JAN 0005 | 2 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1505 | 182 | 0.05 | 0.00 | 0.05 | 69945. |
| 1 JAN 0010 | 3 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1510 | 183 | 0.05 | 0.00 | 0.05 | 71313. |
| 1 JAN 0015 | 4 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1515 | 184 | 0.05 | 0.00 | 0.05 | 72575. |
| 1 JAN 0020 | 5 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1520 | 185 | 0.05 | 0.00 | 0.05 | 73699. |
| 1 JAN 0025 | 6 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1525 | 186 | 0.05 | 0.00 | 0.05 | 74691. |
| 1 JAN 0030 | 7 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1530 | 187 | 0.05 | 0.00 | 0.05 | 75594. |
| 1 JAN 0035 | 8 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1535 | 188 | 0.04 | 0.00 | 0.04 | 76421. |
| 1 JAN 0040 | 9 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1540 | 189 | 0.04 | 0.00 | 0.04 | 77146. |
| 1 JAN 0045 | 10 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1545 | 190 | 0.04 | 0.00 | 0.04 | 77737. |
| 1 JAN 0050 | 11 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1550 | 191 | 0.04 | 0.00 | 0.04 | 78192. |
| 1 JAN 0055 | 12 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1555 | 192 | 0.04 | 0.00 | 0.04 | 78557. |
| 1 JAN 0100 | 13 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1600 | 193 | 0.04 | 0.00 | 0.04 | 78869. |
| 1 JAN 0105 | 14 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1605 | 194 | 0.04 | 0.00 | 0.04 | 79121. |
| 1 JAN 0110 | 15 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1610 | 195 | 0.04 | 0.00 | 0.04 | 79301. |
| 1 JAN 0115 | 16 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1615 | 196 | 0.04 | 0.00 | 0.04 | 79404. |
| 1 JAN 0120 | 17 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1620 | 197 | 0.04 | 0.00 | 0.04 | 79436. |
| 1 JAN 0125 | 18 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1625 | 198 | 0.04 | 0.00 | 0.04 | 79405. |
| 1 JAN 0130 | 19 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1630 | 199 | 0.04 | 0.00 | 0.04 | 79289. |
| 1 JAN 0135 | 20 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1635 | 200 | 0.04 | 0.00 | 0.04 | 79054. |
| 1 JAN 0140 | 21 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1640 | 201 | 0.04 | 0.00 | 0.04 | 78677. |
| 1 JAN 0145 | 22 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1645 | 202 | 0.04 | 0.00 | 0.04 | 78194. |
| 1 JAN 0150 | 23 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1650 | 203 | 0.04 | 0.00 | 0.04 | 77671. |
| 1 JAN 0155 | 24 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1655 | 204 | 0.04 | 0.00 | 0.04 | 77108. |
| 1 JAN 0200 | 25 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1700 | 205 | 0.04 | 0.00 | 0.04 | 76499. |
| 1 JAN 0205 | 26 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1705 | 206 | 0.03 | 0.00 | 0.03 | 75841. |
| 1 JAN 0210 | 27 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1710 | 207 | 0.03 | 0.00 | 0.03 | 75139. |
| 1 JAN 0215 | 28 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1715 | 208 | 0.03 | 0.00 | 0.03 | 74407. |
| 1 JAN 0220 | 29 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1720 | 209 | 0.03 | 0.00 | 0.03 | 73644. |
| 1 JAN 0225 | 30 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1725 | 210 | 0.03 | 0.00 | 0.03 | 72844. |
| 1 JAN 0230 | 31 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1730 | 211 | 0.03 | 0.00 | 0.03 | 72003. |
| 1 JAN 0235 | 32 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1735 | 212 | 0.03 | 0.00 | 0.03 | 71122. |
| 1 JAN 0240 | 33 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1740 | 213 | 0.03 | 0.00 | 0.03 | 70208. |
| 1 JAN 0245 | 34 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1745 | 214 | 0.03 | 0.00 | 0.03 | 69259. |
| 1 JAN 0250 | 35 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1750 | 215 | 0.03 | 0.00 | 0.03 | 68265. |
| 1 JAN 0255 | 36 | 0.02 | 0.02 | 0.00 | 2. | * | 1 JAN 1755 | 216 | 0.03 | 0.00 | 0.03 | 67213. |
| 1 JAN 0300 | 37 | 0.02 | 0.02 | 0.00 | 3. | * | 1 JAN 1800 | 217 | 0.03 | 0.00 | 0.03 | 66105. |
| 1 JAN 0305 | 38 | 0.02 | 0.02 | 0.00 | 3. | * | 1 JAN 1805 | 218 | 0.03 | 0.00 | 0.03 | 64959. |
| 1 JAN 0310 | 39 | 0.02 | 0.02 | 0.00 | 5. | * | 1 JAN 1810 | 219 | 0.03 | 0.00 | 0.03 | 63784. |
| 1 JAN 0315 | 40 | 0.02 | 0.02 | 0.00 | 6. | * | 1 JAN 1815 | 220 | 0.03 | 0.00 | 0.03 | 62569. |
| 1 JAN 0320 | 41 | 0.02 | 0.02 | 0.00 | 8. | * | 1 JAN 1820 | 221 | 0.03 | 0.00 | 0.03 | 61303. |
| 1 JAN 0325 | 42 | 0.02 | 0.02 | 0.00 | 10. | * | 1 JAN 1825 | 222 | 0.03 | 0.00 | 0.03 | 59988. |
| 1 JAN 0330 | 43 | 0.02 | 0.02 | 0.00 | 13. | * | 1 JAN 1830 | 223 | 0.03 | 0.00 | 0.03 | 58649. |
| 1 JAN 0335 | 44 | 0.02 | 0.02 | 0.01 | 16. | * | 1 JAN 1835 | 224 | 0.03 | 0.00 | 0.03 | 57315. |
| 1 JAN 0340 | 45 | 0.02 | 0.02 | 0.01 | 19. | * | 1 JAN 1840 | 225 | 0.03 | 0.00 | 0.03 | 55999. |
| 1 JAN 0345 | 46 | 0.02 | 0.02 | 0.01 | 23. | * | 1 JAN 1845 | 226 | 0.03 | 0.00 | 0.03 | 54715. |
| 1 JAN 0350 | 47 | 0.02 | 0.02 | 0.01 | 28. | * | 1 JAN 1850 | 227 | 0.03 | 0.00 | 0.03 | 53472. |
| 1 JAN 0355 | 48 | 0.02 | 0.02 | 0.01 | 33. | * | 1 JAN 1855 | 228 | 0.03 | 0.00 | 0.03 | 52264. |
| 1 JAN 0400 | 49 | 0.02 | 0.02 | 0.01 | 39. | * | 1 JAN 1900 | 229 | 0.03 | 0.00 | 0.03 | 51076. |
| 1 JAN 0405 | 50 | 0.02 | 0.02 | 0.01 | 45. | * | 1 JAN 1905 | 230 | 0.03 | 0.00 | 0.03 | 49924. |
| 1 JAN 0410 | 51 | 0.02 | 0.02 | 0.01 | 53. | * | 1 JAN 1910 | 231 | 0.03 | 0.00 | 0.03 | 48830. |
| 1 JAN 0415 | 52 | 0.02 | 0.02 | 0.01 | 61. | * | 1 JAN 1915 | 232 | 0.03 | 0.00 | 0.03 | 47808. |
| 1 JAN 0420 | 53 | 0.03 | 0.02 | 0.01 | 70. | * | 1 JAN 1920 | 233 | 0.02 | 0.00 | 0.02 | 46842. |
| 1 JAN 0425 | 54 | 0.03 | 0.02 | 0.01 | 80. | * | 1 JAN 1925 | 234 | 0.02 | 0.00 | 0.02 | 45889. |
| 1 JAN 0430 | 55 | 0.03 | 0.02 | 0.01 | 91. | * | 1 JAN 1930 | 235 | 0.03 | 0.00 | 0.03 | 44955. |
| 1 JAN 0435 | 56 | 0.03 | 0.02 | 0.01 | 104. | * | 1 JAN 1935 | 236 | 0.02 | 0.00 | 0.02 | 44045. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0440 | 57 | 0.03 | 0.02 | 0.01 | 118. | * | 1 JAN 1940 | 237 | 0.02 | 0.00 | 0.02 | 43164. |
| 1 JAN 0445 | 58 | 0.03 | 0.02 | 0.01 | 133. | * | 1 JAN 1945 | 238 | 0.02 | 0.00 | 0.02 | 42309. |
| 1 JAN 0450 | 59 | 0.03 | 0.02 | 0.01 | 149. | * | 1 JAN 1950 | 239 | 0.02 | 0.00 | 0.02 | 41468. |
| 1 JAN 0455 | 60 | 0.03 | 0.02 | 0.01 | 167. | * | 1 JAN 1955 | 240 | 0.02 | 0.00 | 0.02 | 40643. |
| 1 JAN 0500 | 61 | 0.03 | 0.02 | 0.01 | 186. | * | 1 JAN 2000 | 241 | 0.02 | 0.00 | 0.02 | 39839. |
| 1 JAN 0505 | 62 | 0.03 | 0.02 | 0.01 | 207. | * | 1 JAN 2005 | 242 | 0.02 | 0.00 | 0.02 | 39062. |
| 1 JAN 0510 | 63 | 0.03 | 0.02 | 0.01 | 230. | * | 1 JAN 2010 | 243 | 0.02 | 0.00 | 0.02 | 38312. |
| 1 JAN 0515 | 64 | 0.03 | 0.02 | 0.01 | 254. | * | 1 JAN 2015 | 244 | 0.02 | 0.00 | 0.02 | 37580. |
| 1 JAN 0520 | 65 | 0.03 | 0.02 | 0.01 | 280. | * | 1 JAN 2020 | 245 | 0.02 | 0.00 | 0.02 | 36864. |
| 1 JAN 0525 | 66 | 0.03 | 0.02 | 0.01 | 308. | * | 1 JAN 2025 | 246 | 0.02 | 0.00 | 0.02 | 36174. |
| 1 JAN 0530 | 67 | 0.03 | 0.01 | 0.01 | 338. | * | 1 JAN 2030 | 247 | 0.02 | 0.00 | 0.02 | 35517. |
| 1 JAN 0535 | 68 | 0.03 | 0.02 | 0.01 | 370. | * | 1 JAN 2035 | 248 | 0.02 | 0.00 | 0.02 | 34891. |
| 1 JAN 0540 | 69 | 0.03 | 0.01 | 0.01 | 404. | * | 1 JAN 2040 | 249 | 0.02 | 0.00 | 0.02 | 34283. |
| 1 JAN 0545 | 70 | 0.03 | 0.01 | 0.01 | 439. | * | 1 JAN 2045 | 250 | 0.02 | 0.00 | 0.02 | 33682. |
| 1 JAN 0550 | 71 | 0.03 | 0.01 | 0.02 | 477. | * | 1 JAN 2050 | 251 | 0.02 | 0.00 | 0.02 | 33086. |
| 1 JAN 0555 | 72 | 0.03 | 0.01 | 0.02 | 517. | * | 1 JAN 2055 | 252 | 0.02 | 0.00 | 0.02 | 32496. |
| 1 JAN 0600 | 73 | 0.03 | 0.01 | 0.02 | 559. | * | 1 JAN 2100 | 253 | 0.02 | 0.00 | 0.02 | 31911. |
| 1 JAN 0605 | 74 | 0.03 | 0.01 | 0.02 | 603. | * | 1 JAN 2105 | 254 | 0.02 | 0.00 | 0.02 | 31332. |
| 1 JAN 0610 | 75 | 0.03 | 0.01 | 0.02 | 649. | * | 1 JAN 2110 | 255 | 0.02 | 0.00 | 0.02 | 30762. |
| 1 JAN 0615 | 76 | 0.03 | 0.01 | 0.02 | 698. | * | 1 JAN 2115 | 256 | 0.02 | 0.00 | 0.02 | 30202. |
| 1 JAN 0620 | 77 | 0.03 | 0.01 | 0.02 | 748. | * | 1 JAN 2120 | 257 | 0.02 | 0.00 | 0.02 | 29658. |
| 1 JAN 0625 | 78 | 0.03 | 0.01 | 0.02 | 801. | * | 1 JAN 2125 | 258 | 0.02 | 0.00 | 0.02 | 29132. |
| 1 JAN 0630 | 79 | 0.03 | 0.01 | 0.02 | 856. | * | 1 JAN 2130 | 259 | 0.02 | 0.00 | 0.02 | 28619. |
| 1 JAN 0635 | 80 | 0.03 | 0.01 | 0.02 | 913. | * | 1 JAN 2135 | 260 | 0.02 | 0.00 | 0.02 | 28111. |
| 1 JAN 0640 | 81 | 0.03 | 0.01 | 0.02 | 973. | * | 1 JAN 2140 | 261 | 0.02 | 0.00 | 0.02 | 27607. |
| 1 JAN 0645 | 82 | 0.03 | 0.01 | 0.02 | 1034. | * | 1 JAN 2145 | 262 | 0.02 | 0.00 | 0.02 | 27108. |
| 1 JAN 0650 | 83 | 0.03 | 0.01 | 0.02 | 1098. | * | 1 JAN 2150 | 263 | 0.02 | 0.00 | 0.02 | 26612. |
| 1 JAN 0655 | 84 | 0.03 | 0.01 | 0.02 | 1164. | * | 1 JAN 2155 | 264 | 0.02 | 0.00 | 0.02 | 26123. |
| 1 JAN 0700 | 85 | 0.03 | 0.01 | 0.02 | 1233. | * | 1 JAN 2200 | 265 | 0.02 | 0.00 | 0.02 | 25643. |
| 1 JAN 0705 | 86 | 0.03 | 0.01 | 0.02 | 1304. | * | 1 JAN 2205 | 266 | 0.02 | 0.00 | 0.02 | 25176. |
| 1 JAN 0710 | 87 | 0.03 | 0.01 | 0.02 | 1377. | * | 1 JAN 2210 | 267 | 0.02 | 0.00 | 0.02 | 24729. |
| 1 JAN 0715 | 88 | 0.04 | 0.01 | 0.02 | 1452. | * | 1 JAN 2215 | 268 | 0.02 | 0.00 | 0.02 | 24307. |
| 1 JAN 0720 | 89 | 0.04 | 0.01 | 0.02 | 1529. | * | 1 JAN 2220 | 269 | 0.02 | 0.00 | 0.02 | 23908. |
| 1 JAN 0725 | 90 | 0.04 | 0.01 | 0.02 | 1609. | * | 1 JAN 2225 | 270 | 0.02 | 0.00 | 0.02 | 23517. |
| 1 JAN 0730 | 91 | 0.04 | 0.01 | 0.02 | 1691. | * | 1 JAN 2230 | 271 | 0.02 | 0.00 | 0.02 | 23130. |
| 1 JAN 0735 | 92 | 0.04 | 0.01 | 0.02 | 1775. | * | 1 JAN 2235 | 272 | 0.02 | 0.00 | 0.02 | 22749. |
| 1 JAN 0740 | 93 | 0.04 | 0.01 | 0.02 | 1861. | * | 1 JAN 2240 | 273 | 0.02 | 0.00 | 0.02 | 22372. |
| 1 JAN 0745 | 94 | 0.04 | 0.01 | 0.02 | 1949. | * | 1 JAN 2245 | 274 | 0.02 | 0.00 | 0.02 | 22000. |
| 1 JAN 0750 | 95 | 0.04 | 0.01 | 0.02 | 2040. | * | 1 JAN 2250 | 275 | 0.02 | 0.00 | 0.02 | 21634. |
| 1 JAN 0755 | 96 | 0.04 | 0.01 | 0.03 | 2132. | * | 1 JAN 2255 | 276 | 0.02 | 0.00 | 0.02 | 21276. |
| 1 JAN 0800 | 97 | 0.04 | 0.01 | 0.03 | 2227. | * | 1 JAN 2300 | 277 | 0.02 | 0.00 | 0.02 | 20928. |
| 1 JAN 0805 | 98 | 0.04 | 0.01 | 0.03 | 2323. | * | 1 JAN 2305 | 278 | 0.02 | 0.00 | 0.02 | 20593. |
| 1 JAN 0810 | 99 | 0.04 | 0.01 | 0.03 | 2422. | * | 1 JAN 2310 | 279 | 0.02 | 0.00 | 0.02 | 20272. |
| 1 JAN 0815 | 100 | 0.04 | 0.01 | 0.03 | 2523. | * | 1 JAN 2315 | 280 | 0.02 | 0.00 | 0.02 | 19959. |
| 1 JAN 0820 | 101 | 0.04 | 0.01 | 0.03 | 2626. | * | 1 JAN 2320 | 281 | 0.02 | 0.00 | 0.02 | 19651. |
| 1 JAN 0825 | 102 | 0.04 | 0.01 | 0.03 | 2731. | * | 1 JAN 2325 | 282 | 0.02 | 0.00 | 0.02 | 19346. |
| 1 JAN 0830 | 103 | 0.05 | 0.01 | 0.03 | 2838. | * | 1 JAN 2330 | 283 | 0.02 | 0.00 | 0.02 | 19046. |
| 1 JAN 0835 | 104 | 0.05 | 0.01 | 0.03 | 2947. | * | 1 JAN 2335 | 284 | 0.02 | 0.00 | 0.02 | 18749. |
| 1 JAN 0840 | 105 | 0.05 | 0.01 | 0.04 | 3058. | * | 1 JAN 2340 | 285 | 0.02 | 0.00 | 0.02 | 18456. |
| 1 JAN 0845 | 106 | 0.05 | 0.01 | 0.04 | 3171. | * | 1 JAN 2345 | 286 | 0.02 | 0.00 | 0.02 | 18170. |
| 1 JAN 0850 | 107 | 0.05 | 0.01 | 0.04 | 3287. | * | 1 JAN 2350 | 287 | 0.02 | 0.00 | 0.02 | 17891. |
| 1 JAN 0855 | 108 | 0.05 | 0.01 | 0.04 | 3405. | * | 1 JAN 2355 | 288 | 0.02 | 0.00 | 0.02 | 17623. |
| 1 JAN 0900 | 109 | 0.05 | 0.01 | 0.04 | 3525. | * | 2 JAN 0000 | 289 | 0.02 | 0.00 | 0.02 | 17367. |
| 1 JAN 0905 | 110 | 0.05 | 0.01 | 0.04 | 3647. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 17119. |
| 1 JAN 0910 | 111 | 0.05 | 0.01 | 0.04 | 3772. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 16874. |
| 1 JAN 0915 | 112 | 0.05 | 0.01 | 0.04 | 3899. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 16632. |
| 1 JAN 0920 | 113 | 0.05 | 0.01 | 0.04 | 4028. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 16394. |
| 1 JAN 0925 | 114 | 0.05 | 0.01 | 0.04 | 4160. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 16157. |
| 1 JAN 0930 | 115 | 0.05 | 0.01 | 0.04 | 4294. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 15923. |
| 1 JAN 0935 | 116 | 0.06 | 0.01 | 0.04 | 4431. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 15693. |
| 1 JAN 0940 | 117 | 0.06 | 0.01 | 0.05 | 4570. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 15466. |
| 1 JAN 0945 | 118 | 0.06 | 0.01 | 0.05 | 4712. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 15247. |
| 1 JAN 0950 | 119 | 0.06 | 0.01 | 0.05 | 4856. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 15037. |
| 1 JAN 0955 | 120 | 0.07 | 0.01 | 0.05 | 5004. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 14834. |
| 1 JAN 1000 | 121 | 0.07 | 0.01 | 0.05 | 5154. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 14633. |
| 1 JAN 1005 | 122 | 0.07 | 0.01 | 0.06 | 5308. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 14434. |
| 1 JAN 1010 | 123 | 0.07 | 0.01 | 0.06 | 5464. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 14236. |
| 1 JAN 1015 | 124 | 0.08 | 0.01 | 0.06 | 5625. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 14039. |
| 1 JAN 1020 | 125 | 0.08 | 0.01 | 0.07 | 5789. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 13843. |
| 1 JAN 1025 | 126 | 0.08 | 0.01 | 0.07 | 5958. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 13647. |
| 1 JAN 1030 | 127 | 0.09 | 0.01 | 0.07 | 6131. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 13453. |
| 1 JAN 1035 | 128 | 0.09 | 0.01 | 0.08 | 6308. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 13261. |
| 1 JAN 1040 | 129 | 0.10 | 0.02 | 0.08 | 6491. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 13072. |
| 1 JAN 1045 | 130 | 0.10 | 0.02 | 0.09 | 6679. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 12887. |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN | 1050 | 131 | 0.11 | 0.02 | 0.09 | 6873. | * | 2 JAN | 0150 | 311 | 0.00 | 0.00 | 0.00 | 12704. |
| 1 JAN | 1055 | 132 | 0.11 | 0.02 | 0.10 | 7074. | * | 2 JAN | 0155 | 312 | 0.00 | 0.00 | 0.00 | 12519. |
| 1 JAN | 1100 | 133 | 0.12 | 0.02 | 0.10 | 7281. | * | 2 JAN | 0200 | 313 | 0.00 | 0.00 | 0.00 | 12333. |
| 1 JAN | 1105 | 134 | 0.13 | 0.02 | 0.11 | 7495. | * | 2 JAN | 0205 | 314 | 0.00 | 0.00 | 0.00 | 12146. |
| 1 JAN | 1110 | 135 | 0.14 | 0.02 | 0.13 | 7717. | * | 2 JAN | 0210 | 315 | 0.00 | 0.00 | 0.00 | 11957. |
| 1 JAN | 1115 | 136 | 0.16 | 0.02 | 0.14 | 7948. | * | 2 JAN | 0215 | 316 | 0.00 | 0.00 | 0.00 | 11767. |
| 1 JAN | 1120 | 137 | 0.17 | 0.02 | 0.15 | 8189. | * | 2 JAN | 0220 | 317 | 0.00 | 0.00 | 0.00 | 11576. |
| 1 JAN | 1125 | 138 | 0.18 | 0.02 | 0.16 | 8440. | * | 2 JAN | 0225 | 318 | 0.00 | 0.00 | 0.00 | 11384. |
| 1 JAN | 1130 | 139 | 0.20 | 0.02 | 0.18 | 8702. | * | 2 JAN | 0230 | 319 | 0.00 | 0.00 | 0.00 | 11192. |
| 1 JAN | 1135 | 140 | 0.41 | 0.04 | 0.37 | 8983. | * | 2 JAN | 0235 | 320 | 0.00 | 0.00 | 0.00 | 11002. |
| 1 JAN | 1140 | 141 | 0.73 | 0.06 | 0.67 | 9295. | * | 2 JAN | 0240 | 321 | 0.00 | 0.00 | 0.00 | 10812. |
| 1 JAN | 1145 | 142 | 1.11 | 0.08 | 1.03 | 9652. | * | 2 JAN | 0245 | 322 | 0.00 | 0.00 | 0.00 | 10621. |
| 1 JAN | 1150 | 143 | 1.72 | 0.09 | 1.63 | 10075. | * | 2 JAN | 0250 | 323 | 0.00 | 0.00 | 0.00 | 10428. |
| 1 JAN | 1155 | 144 | 2.20 | 0.08 | 2.12 | 10584. | * | 2 JAN | 0255 | 324 | 0.00 | 0.00 | 0.00 | 10234. |
| 1 JAN | 1200 | 145 | 1.63 | 0.05 | 1.58 | 11167. | * | 2 JAN | 0300 | 325 | 0.00 | 0.00 | 0.00 | 10038. |
| 1 JAN | 1205 | 146 | 0.33 | 0.01 | 0.32 | 11793. | * | 2 JAN | 0305 | 326 | 0.00 | 0.00 | 0.00 | 9841. |
| 1 JAN | 1210 | 147 | 0.29 | 0.01 | 0.29 | 12478. | * | 2 JAN | 0310 | 327 | 0.00 | 0.00 | 0.00 | 9644. |
| 1 JAN | 1215 | 148 | 0.26 | 0.01 | 0.26 | 13248. | * | 2 JAN | 0315 | 328 | 0.00 | 0.00 | 0.00 | 9447. |
| 1 JAN | 1220 | 149 | 0.23 | 0.01 | 0.23 | 14127. | * | 2 JAN | 0320 | 329 | 0.00 | 0.00 | 0.00 | 9251. |
| 1 JAN | 1225 | 150 | 0.20 | 0.00 | 0.20 | 15101. | * | 2 JAN | 0325 | 330 | 0.00 | 0.00 | 0.00 | 9056. |
| 1 JAN | 1230 | 151 | 0.17 | 0.00 | 0.16 | 16121. | * | 2 JAN | 0330 | 331 | 0.00 | 0.00 | 0.00 | 8863. |
| 1 JAN | 1235 | 152 | 0.14 | 0.00 | 0.14 | 17182. | * | 2 JAN | 0335 | 332 | 0.00 | 0.00 | 0.00 | 8670. |
| 1 JAN | 1240 | 153 | 0.14 | 0.00 | 0.14 | 18296. | * | 2 JAN | 0340 | 333 | 0.00 | 0.00 | 0.00 | 8478. |
| 1 JAN | 1245 | 154 | 0.13 | 0.00 | 0.13 | 19474. | * | 2 JAN | 0345 | 334 | 0.00 | 0.00 | 0.00 | 8286. |
| 1 JAN | 1250 | 155 | 0.12 | 0.00 | 0.12 | 20714. | * | 2 JAN | 0350 | 335 | 0.00 | 0.00 | 0.00 | 8094. |
| 1 JAN | 1255 | 156 | 0.11 | 0.00 | 0.11 | 22000. | * | 2 JAN | 0355 | 336 | 0.00 | 0.00 | 0.00 | 7903. |
| 1 JAN | 1300 | 157 | 0.11 | 0.00 | 0.11 | 23330. | * | 2 JAN | 0400 | 337 | 0.00 | 0.00 | 0.00 | 7714. |
| 1 JAN | 1305 | 158 | 0.10 | 0.00 | 0.10 | 24722. | * | 2 JAN | 0405 | 338 | 0.00 | 0.00 | 0.00 | 7526. |
| 1 JAN | 1310 | 159 | 0.10 | 0.00 | 0.10 | 26194. | * | 2 JAN | 0410 | 339 | 0.00 | 0.00 | 0.00 | 7341. |
| 1 JAN | 1315 | 160 | 0.09 | 0.00 | 0.09 | 27747. | * | 2 JAN | 0415 | 340 | 0.00 | 0.00 | 0.00 | 7159. |
| 1 JAN | 1320 | 161 | 0.09 | 0.00 | 0.09 | 29359. | * | 2 JAN | 0420 | 341 | 0.00 | 0.00 | 0.00 | 6980. |
| 1 JAN | 1325 | 162 | 0.09 | 0.00 | 0.09 | 31020. | * | 2 JAN | 0425 | 342 | 0.00 | 0.00 | 0.00 | 6804. |
| 1 JAN | 1330 | 163 | 0.08 | 0.00 | 0.08 | 32749. | * | 2 JAN | 0430 | 343 | 0.00 | 0.00 | 0.00 | 6629. |
| 1 JAN | 1335 | 164 | 0.08 | 0.00 | 0.08 | 34570. | * | 2 JAN | 0435 | 344 | 0.00 | 0.00 | 0.00 | 6456. |
| 1 JAN | 1340 | 165 | 0.08 | 0.00 | 0.07 | 36492. | * | 2 JAN | 0440 | 345 | 0.00 | 0.00 | 0.00 | 6285. |
| 1 JAN | 1345 | 166 | 0.07 | 0.00 | 0.07 | 38482. | * | 2 JAN | 0445 | 346 | 0.00 | 0.00 | 0.00 | 6115. |
| 1 JAN | 1350 | 167 | 0.07 | 0.00 | 0.07 | 40506. | * | 2 JAN | 0450 | 347 | 0.00 | 0.00 | 0.00 | 5948. |
| 1 JAN | 1355 | 168 | 0.07 | 0.00 | 0.07 | 42574. | * | 2 JAN | 0455 | 348 | 0.00 | 0.00 | 0.00 | 5784. |
| 1 JAN | 1400 | 169 | 0.07 | 0.00 | 0.06 | 44706. | * | 2 JAN | 0500 | 349 | 0.00 | 0.00 | 0.00 | 5623. |
| 1 JAN | 1405 | 170 | 0.06 | 0.00 | 0.06 | 46908. | * | 2 JAN | 0505 | 350 | 0.00 | 0.00 | 0.00 | 5465. |
| 1 JAN | 1410 | 171 | 0.06 | 0.00 | 0.06 | 49150. | * | 2 JAN | 0510 | 351 | 0.00 | 0.00 | 0.00 | 5312. |
| 1 JAN | 1415 | 172 | 0.06 | 0.00 | 0.06 | 51377. | * | 2 JAN | 0515 | 352 | 0.00 | 0.00 | 0.00 | 5163. |
| 1 JAN | 1420 | 173 | 0.06 | 0.00 | 0.06 | 53572. | * | 2 JAN | 0520 | 353 | 0.00 | 0.00 | 0.00 | 5017. |
| 1 JAN | 1425 | 174 | 0.06 | 0.00 | 0.06 | 55710. | * | 2 JAN | 0525 | 354 | 0.00 | 0.00 | 0.00 | 4873. |
| 1 JAN | 1430 | 175 | 0.06 | 0.00 | 0.06 | 57771. | * | 2 JAN | 0530 | 355 | 0.00 | 0.00 | 0.00 | 4732. |
| 1 JAN | 1435 | 176 | 0.06 | 0.00 | 0.06 | 59760. | * | 2 JAN | 0535 | 356 | 0.00 | 0.00 | 0.00 | 4593. |
| 1 JAN | 1440 | 177 | 0.06 | 0.00 | 0.06 | 61702. | * | 2 JAN | 0540 | 357 | 0.00 | 0.00 | 0.00 | 4457. |
| 1 JAN | 1445 | 178 | 0.06 | 0.00 | 0.05 | 63576. | * | 2 JAN | 0545 | 358 | 0.00 | 0.00 | 0.00 | 4323. |
| 1 JAN | 1450 | 179 | 0.05 | 0.00 | 0.05 | 65348. | * | 2 JAN | 0550 | 359 | 0.00 | 0.00 | 0.00 | 4192. |
| 1 JAN | 1455 | 180 | 0.05 | 0.00 | 0.05 | 66986. | * | 2 JAN | 0555 | 360 | 0.00 | 0.00 | 0.00 | 4064. |

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TOTAL RAINFALL = 20.53, TOTAL LOSS = 2.72, TOTAL EXCESS = 17.81

| PEAK FLOW | TIME | MAXIMUM AVERAGE FLOW | | | |
|---|---|---|---|---|---|
| | | 6-HR | 24-HR | 72-HR | 29.92-HR |
| + (CFS) | (HR) | | | | |
| | (CFS) | | | | |
| + 79436. | 16.33 | 64478. | 26172. | 21010. | 21010. |
| | (INCHES) | 10.791 | 17.520 | 17.532 | 17.532 |
| | (AC-FT) | 31973. | 51911. | 51946. | 51946. |

CUMULATIVE AREA = 55.56 SQ MI

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     **************
     *            *
38 KK   *   11BPMP *
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*      *
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39 KO      OUTPUT CONTROL VARIABLES
           IPRNT        0  PRINT CONTROL
           IPLOT        0  PLOT CONTROL
           QSCAL       0.  HYDROGRAPH PLOT SCALE
           IPNCH        1  PUNCH COMPUTED HYDROGRAPH
           IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
           ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
           ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
           TIMINT   0.083  TIME INTERVAL IN HOURS


42 IN      TIME DATA FOR INPUT TIME SERIES
           JXMIN        6  TIME INTERVAL IN MINUTES
           JXDATE   1JAN94  STARTING DATE
           JXTIME       0  STARTING TIME

        SUBBASIN RUNOFF DATA

40 BA      SUBBASIN CHARACTERISTICS
           TAREA,    32.43  SUBBASIN AREA

        PRECIPITATION DATA

41 PB          STORM    14.84  BASIN TOTAL PRECIPITATION

43 PI      INCREMENTAL PRECIPITATION PATTERN
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.01  0.01
           0.01  0.01  0.01  0.01  0.01  0.01  0.01  0.01  0.02  0.04
           0.05  0.08  0.11  0.08  0.02  0.01  0.01  0.01  0.01  0.01
           0.01  0.01  0.01  0.01  0.01  0.01  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
           0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00

68 LS      SCS LOSS RATE
           STRTL     0.50  INITIAL ABSTRACTION
           CRVNBR   80.00  CURVE NUMBER
           RTIMP     0.00  PERCENT IMPERVIOUS AREA

69 UD      SCS DIMENSIONLESS UNITGRAPH
           TLAG      2.87  LAG

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                   UNIT HYDROGRAPH
                174 END-OF-PERIOD ORDINATES
     46.    92.   138.   215.   323.   431.   538.   677.   815.   953.
   1115.  1300.  1484.  1669.  1915.  2161.  2407.  2677.  2969.  3261.
   3552.  3798.  4044.  4290.  4496.  4665.  4834.  5001.  5093.  5186.
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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5278. | 5330. | 5345. | 5360. | 5375. | 5359. | 5344. | 5329. | 5272. | 5180. |
| 5088. | 4995. | 4888. | 4780. | 4672. | 4557. | 4434. | 4311. | 4186. | 4033. |
| 3879. | 3725. | 3555. | 3371. | 3186. | 3003. | 2849. | 2696. | 2542. | 2414. |
| 2306. | 2198. | 2092. | 1999. | 1907. | 1815. | 1731. | 1654. | 1577. | 1502. |
| 1446. | 1390. | 1334. | 1277. | 1221. | 1165. | 1110. | 1064. | 1018. | 971. |
| 925. | 879. | 833. | 788. | 757. | 727. | 696. | 665. | 634. | 604. |
| 573. | 550. | 527. | 504. | 481. | 458. | 435. | 413. | 396. | 379. |
| 362. | 345. | 328. | 311. | 295. | 283. | 272. | 260. | 249. | 237. |
| 225. | 214. | 206. | 197. | 189. | 180. | 172. | 164. | 155. | 149. |
| 143. | 137. | 131. | 125. | 118. | 112. | 108. | 103. | 99. | 94. |
| 89. | 85. | 80. | 77. | 74. | 71. | 68. | 65. | 62. | 59. |
| 57. | 55. | 53. | 52. | 50. | 48. | 46. | 44. | 42. | 40. |
| 39. | 37. | 35. | 33. | 31. | 29. | 28. | 26. | 24. | 23. |
| 21. | 20. | 18. | 17. | 15. | 14. | 12. | 11. | 9. | 7. |
| 6. | 4. | 3. | 1. | | | | | | |

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HYDROGRAPH AT STATION 11BPMP

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| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | * | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | * | 1 JAN 1500 | 181 | 0.04 | 0.00 | 0.04 | 43363. |
| 1 JAN 0005 | 2 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1505 | 182 | 0.04 | 0.00 | 0.04 | 43119. |
| 1 JAN 0010 | 3 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1510 | 183 | 0.04 | 0.00 | 0.04 | 42753. |
| 1 JAN 0015 | 4 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1515 | 184 | 0.04 | 0.00 | 0.03 | 42310. |
| 1 JAN 0020 | 5 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1520 | 185 | 0.03 | 0.00 | 0.03 | 41820. |
| 1 JAN 0025 | 6 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1525 | 186 | 0.03 | 0.00 | 0.03 | 41275. |
| 1 JAN 0030 | 7 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1530 | 187 | 0.03 | 0.00 | 0.03 | 40682. |
| 1 JAN 0035 | 8 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1535 | 188 | 0.03 | 0.00 | 0.03 | 40051. |
| 1 JAN 0040 | 9 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1540 | 189 | 0.03 | 0.00 | 0.03 | 39375. |
| 1 JAN 0045 | 10 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1545 | 190 | 0.03 | 0.00 | 0.03 | 38649. |
| 1 JAN 0050 | 11 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1550 | 191 | 0.03 | 0.00 | 0.03 | 37879. |
| 1 JAN 0055 | 12 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1555 | 192 | 0.03 | 0.00 | 0.03 | 37058. |
| 1 JAN 0100 | 13 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1600 | 193 | 0.03 | 0.00 | 0.03 | 36172. |
| 1 JAN 0105 | 14 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1605 | 194 | 0.03 | 0.00 | 0.03 | 35228. |
| 1 JAN 0110 | 15 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1610 | 195 | 0.03 | 0.00 | 0.03 | 34245. |
| 1 JAN 0115 | 16 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1615 | 196 | 0.03 | 0.00 | 0.03 | 33217. |
| 1 JAN 0120 | 17 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1620 | 197 | 0.03 | 0.00 | 0.03 | 32153. |
| 1 JAN 0125 | 18 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1625 | 198 | 0.03 | 0.00 | 0.03 | 31085. |
| 1 JAN 0130 | 19 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1630 | 199 | 0.03 | 0.00 | 0.03 | 30042. |
| 1 JAN 0135 | 20 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1635 | 200 | 0.03 | 0.00 | 0.03 | 29046. |
| 1 JAN 0140 | 21 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1640 | 201 | 0.03 | 0.00 | 0.03 | 28096. |
| 1 JAN 0145 | 22 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1645 | 202 | 0.03 | 0.00 | 0.03 | 27184. |
| 1 JAN 0150 | 23 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1650 | 203 | 0.03 | 0.00 | 0.03 | 26331. |
| 1 JAN 0155 | 24 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1655 | 204 | 0.03 | 0.00 | 0.03 | 25539. |
| 1 JAN 0200 | 25 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1700 | 205 | 0.03 | 0.00 | 0.03 | 24782. |
| 1 JAN 0205 | 26 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1705 | 206 | 0.02 | 0.00 | 0.02 | 24049. |
| 1 JAN 0210 | 27 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1710 | 207 | 0.02 | 0.00 | 0.02 | 23346. |
| 1 JAN 0215 | 28 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1715 | 208 | 0.02 | 0.00 | 0.02 | 22671. |
| 1 JAN 0220 | 29 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1720 | 209 | 0.02 | 0.00 | 0.02 | 22015. |
| 1 JAN 0225 | 30 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1725 | 210 | 0.02 | 0.00 | 0.02 | 21386. |
| 1 JAN 0230 | 31 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1730 | 211 | 0.02 | 0.00 | 0.02 | 20788. |
| 1 JAN 0235 | 32 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1735 | 212 | 0.02 | 0.00 | 0.02 | 20214. |
| 1 JAN 0240 | 33 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1740 | 213 | 0.02 | 0.00 | 0.02 | 19668. |
| 1 JAN 0245 | 34 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1745 | 214 | 0.02 | 0.00 | 0.02 | 19155. |
| 1 JAN 0250 | 35 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1750 | 215 | 0.02 | 0.00 | 0.02 | 18667. |
| 1 JAN 0255 | 36 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1755 | 216 | 0.02 | 0.00 | 0.02 | 18185. |
| 1 JAN 0300 | 37 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1800 | 217 | 0.02 | 0.00 | 0.02 | 17711. |
| 1 JAN 0305 | 38 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1805 | 218 | 0.02 | 0.00 | 0.02 | 17247. |
| 1 JAN 0310 | 39 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1810 | 219 | 0.02 | 0.00 | 0.02 | 16793. |
| 1 JAN 0315 | 40 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1815 | 220 | 0.02 | 0.00 | 0.02 | 16355. |
| 1 JAN 0320 | 41 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1820 | 221 | 0.02 | 0.00 | 0.02 | 15935. |
| 1 JAN 0325 | 42 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1825 | 222 | 0.02 | 0.00 | 0.02 | 15528. |
| 1 JAN 0330 | 43 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1830 | 223 | 0.02 | 0.00 | 0.02 | 15126. |
| 1 JAN 0335 | 44 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1835 | 224 | 0.02 | 0.00 | 0.02 | 14732. |
| 1 JAN 0340 | 45 | 0.02 | 0.02 | 0.00 | 2. | * | 1 JAN 1840 | 225 | 0.02 | 0.00 | 0.02 | 14347. |
| 1 JAN 0345 | 46 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1845 | 226 | 0.02 | 0.00 | 0.02 | 13977. |
| 1 JAN 0350 | 47 | 0.02 | 0.01 | 0.00 | 3. | * | 1 JAN 1850 | 227 | 0.02 | 0.00 | 0.02 | 13626. |
| 1 JAN 0355 | 48 | 0.02 | 0.01 | 0.00 | 4. | * | 1 JAN 1855 | 228 | 0.02 | 0.00 | 0.02 | 13300. |
| 1 JAN 0400 | 49 | 0.02 | 0.01 | 0.00 | 6. | * | 1 JAN 1900 | 229 | 0.02 | 0.00 | 0.02 | 12991. |
| 1 JAN 0405 | 50 | 0.02 | 0.01 | 0.00 | 8. | * | 1 JAN 1905 | 230 | 0.02 | 0.00 | 0.02 | 12688. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0410 | 51 | 0.02 | 0.01 | 0.00 | 10. | * | 1 JAN 1910 | 231 | 0.02 | 0.00 | 0.02 | 12390. |
| 1 JAN 0415 | 52 | 0.02 | 0.01 | 0.00 | 12. | * | 1 JAN 1915 | 232 | 0.02 | 0.00 | 0.02 | 12100. |
| 1 JAN 0420 | 53 | 0.02 | 0.02 | 0.00 | 15. | * | 1 JAN 1920 | 233 | 0.02 | 0.00 | 0.02 | 11818. |
| 1 JAN 0425 | 54 | 0.02 | 0.01 | 0.00 | 19. | * | 1 JAN 1925 | 234 | 0.02 | 0.00 | 0.02 | 11548. |
| 1 JAN 0430 | 55 | 0.02 | 0.01 | 0.00 | 23. | * | 1 JAN 1930 | 235 | 0.02 | 0.00 | 0.02 | 11292. |
| 1 JAN 0435 | 56 | 0.02 | 0.01 | 0.00 | 27. | * | 1 JAN 1935 | 236 | 0.02 | 0.00 | 0.02 | 11045. |
| 1 JAN 0440 | 57 | 0.02 | 0.01 | 0.00 | 33. | * | 1 JAN 1940 | 237 | 0.02 | 0.00 | 0.02 | 10803. |
| 1 JAN 0445 | 58 | 0.02 | 0.01 | 0.00 | 39. | * | 1 JAN 1945 | 238 | 0.02 | 0.00 | 0.02 | 10565. |
| 1 JAN 0450 | 59 | 0.02 | 0.01 | 0.00 | 46. | * | 1 JAN 1950 | 239 | 0.02 | 0.00 | 0.02 | 10333. |
| 1 JAN 0455 | 60 | 0.02 | 0.01 | 0.01 | 54. | * | 1 JAN 1955 | 240 | 0.02 | 0.00 | 0.02 | 10108. |
| 1 JAN 0500 | 61 | 0.02 | 0.01 | 0.01 | 62. | * | 1 JAN 2000 | 241 | 0.02 | 0.00 | 0.02 | 9892. |
| 1 JAN 0505 | 62 | 0.02 | 0.01 | 0.01 | 72. | * | 1 JAN 2005 | 242 | 0.02 | 0.00 | 0.02 | 9686. |
| 1 JAN 0510 | 63 | 0.02 | 0.01 | 0.01 | 83. | * | 1 JAN 2010 | 243 | 0.02 | 0.00 | 0.02 | 9489. |
| 1 JAN 0515 | 64 | 0.02 | 0.01 | 0.01 | 95. | * | 1 JAN 2015 | 244 | 0.02 | 0.00 | 0.02 | 9295. |
| 1 JAN 0520 | 65 | 0.02 | 0.01 | 0.01 | 107. | * | 1 JAN 2020 | 245 | 0.02 | 0.00 | 0.02 | 9105. |
| 1 JAN 0525 | 66 | 0.02 | 0.01 | 0.01 | 121. | * | 1 JAN 2025 | 246 | 0.02 | 0.00 | 0.02 | 8919. |
| 1 JAN 0530 | 67 | 0.02 | 0.01 | 0.01 | 137. | * | 1 JAN 2030 | 247 | 0.01 | 0.00 | 0.01 | 8739. |
| 1 JAN 0535 | 68 | 0.02 | 0.01 | 0.01 | 153. | * | 1 JAN 2035 | 248 | 0.02 | 0.00 | 0.02 | 8568. |
| 1 JAN 0540 | 69 | 0.02 | 0.01 | 0.01 | 170. | * | 1 JAN 2040 | 249 | 0.02 | 0.00 | 0.02 | 8405. |
| 1 JAN 0545 | 70 | 0.02 | 0.01 | 0.01 | 189. | * | 1 JAN 2045 | 250 | 0.02 | 0.00 | 0.01 | 8249. |
| 1 JAN 0550 | 71 | 0.02 | 0.01 | 0.01 | 209. | * | 1 JAN 2050 | 251 | 0.02 | 0.00 | 0.01 | 8096. |
| 1 JAN 0555 | 72 | 0.02 | 0.01 | 0.01 | 230. | * | 1 JAN 2055 | 252 | 0.02 | 0.00 | 0.02 | 7945. |
| 1 JAN 0600 | 73 | 0.02 | 0.01 | 0.01 | 252. | * | 1 JAN 2100 | 253 | 0.02 | 0.00 | 0.02 | 7798. |
| 1 JAN 0605 | 74 | 0.02 | 0.01 | 0.01 | 276. | * | 1 JAN 2105 | 254 | 0.01 | 0.00 | 0.01 | 7655. |
| 1 JAN 0610 | 75 | 0.02 | 0.01 | 0.01 | 301. | * | 1 JAN 2110 | 255 | 0.01 | 0.00 | 0.01 | 7516. |
| 1 JAN 0615 | 76 | 0.02 | 0.01 | 0.01 | 327. | * | 1 JAN 2115 | 256 | 0.02 | 0.00 | 0.02 | 7384. |
| 1 JAN 0620 | 77 | 0.02 | 0.01 | 0.01 | 355. | * | 1 JAN 2120 | 257 | 0.02 | 0.00 | 0.02 | 7256. |
| 1 JAN 0625 | 78 | 0.02 | 0.01 | 0.01 | 383. | * | 1 JAN 2125 | 258 | 0.01 | 0.00 | 0.01 | 7130. |
| 1 JAN 0630 | 79 | 0.02 | 0.01 | 0.01 | 413. | * | 1 JAN 2130 | 259 | 0.01 | 0.00 | 0.01 | 7006. |
| 1 JAN 0635 | 80 | 0.02 | 0.01 | 0.01 | 444. | * | 1 JAN 2135 | 260 | 0.02 | 0.00 | 0.02 | 6885. |
| 1 JAN 0640 | 81 | 0.02 | 0.01 | 0.01 | 477. | * | 1 JAN 2140 | 261 | 0.02 | 0.00 | 0.01 | 6767. |
| 1 JAN 0645 | 82 | 0.02 | 0.01 | 0.01 | 510. | * | 1 JAN 2145 | 262 | 0.01 | 0.00 | 0.01 | 6653. |
| 1 JAN 0650 | 83 | 0.02 | 0.01 | 0.01 | 545. | * | 1 JAN 2150 | 263 | 0.01 | 0.00 | 0.01 | 6544. |
| 1 JAN 0655 | 84 | 0.02 | 0.01 | 0.01 | 581. | * | 1 JAN 2155 | 264 | 0.01 | 0.00 | 0.01 | 6439. |
| 1 JAN 0700 | 85 | 0.02 | 0.01 | 0.01 | 618. | * | 1 JAN 2200 | 265 | 0.01 | 0.00 | 0.01 | 6336. |
| 1 JAN 0705 | 86 | 0.02 | 0.01 | 0.01 | 657. | * | 1 JAN 2205 | 266 | 0.01 | 0.00 | 0.01 | 6235. |
| 1 JAN 0710 | 87 | 0.02 | 0.01 | 0.01 | 696. | * | 1 JAN 2210 | 267 | 0.01 | 0.00 | 0.01 | 6136. |
| 1 JAN 0715 | 88 | 0.03 | 0.01 | 0.01 | 737. | * | 1 JAN 2215 | 268 | 0.01 | 0.00 | 0.01 | 6040. |
| 1 JAN 0720 | 89 | 0.03 | 0.01 | 0.01 | 778. | * | 1 JAN 2220 | 269 | 0.01 | 0.00 | 0.01 | 5948. |
| 1 JAN 0725 | 90 | 0.03 | 0.01 | 0.01 | 821. | * | 1 JAN 2225 | 270 | 0.01 | 0.00 | 0.01 | 5859. |
| 1 JAN 0730 | 91 | 0.03 | 0.01 | 0.01 | 865. | * | 1 JAN 2230 | 271 | 0.01 | 0.00 | 0.01 | 5773. |
| 1 JAN 0735 | 92 | 0.03 | 0.01 | 0.01 | 910. | * | 1 JAN 2235 | 272 | 0.01 | 0.00 | 0.01 | 5689. |
| 1 JAN 0740 | 93 | 0.03 | 0.01 | 0.01 | 955. | * | 1 JAN 2240 | 273 | 0.01 | 0.00 | 0.01 | 5608. |
| 1 JAN 0745 | 94 | 0.03 | 0.01 | 0.01 | 1002. | * | 1 JAN 2245 | 274 | 0.01 | 0.00 | 0.01 | 5528. |
| 1 JAN 0750 | 95 | 0.03 | 0.01 | 0.01 | 1049. | * | 1 JAN 2250 | 275 | 0.01 | 0.00 | 0.01 | 5451. |
| 1 JAN 0755 | 96 | 0.03 | 0.01 | 0.02 | 1098. | * | 1 JAN 2255 | 276 | 0.01 | 0.00 | 0.01 | 5378. |
| 1 JAN 0800 | 97 | 0.03 | 0.01 | 0.02 | 1147. | * | 1 JAN 2300 | 277 | 0.01 | 0.00 | 0.01 | 5308. |
| 1 JAN 0805 | 98 | 0.03 | 0.01 | 0.02 | 1197. | * | 1 JAN 2305 | 278 | 0.01 | 0.00 | 0.01 | 5241. |
| 1 JAN 0810 | 99 | 0.03 | 0.01 | 0.02 | 1248. | * | 1 JAN 2310 | 279 | 0.01 | 0.00 | 0.01 | 5176. |
| 1 JAN 0815 | 100 | 0.03 | 0.01 | 0.02 | 1300. | * | 1 JAN 2315 | 280 | 0.01 | 0.00 | 0.01 | 5112. |
| 1 JAN 0820 | 101 | 0.03 | 0.01 | 0.02 | 1352. | * | 1 JAN 2320 | 281 | 0.01 | 0.00 | 0.01 | 5051. |
| 1 JAN 0825 | 102 | 0.03 | 0.01 | 0.02 | 1406. | * | 1 JAN 2325 | 282 | 0.01 | 0.00 | 0.01 | 4992. |
| 1 JAN 0830 | 103 | 0.03 | 0.01 | 0.02 | 1460. | * | 1 JAN 2330 | 283 | 0.01 | 0.00 | 0.01 | 4935. |
| 1 JAN 0835 | 104 | 0.03 | 0.01 | 0.02 | 1515. | * | 1 JAN 2335 | 284 | 0.01 | 0.00 | 0.01 | 4882. |
| 1 JAN 0840 | 105 | 0.04 | 0.01 | 0.02 | 1572. | * | 1 JAN 2340 | 285 | 0.01 | 0.00 | 0.01 | 4831. |
| 1 JAN 0845 | 106 | 0.04 | 0.01 | 0.02 | 1629. | * | 1 JAN 2345 | 286 | 0.01 | 0.00 | 0.01 | 4781. |
| 1 JAN 0850 | 107 | 0.04 | 0.01 | 0.02 | 1688. | * | 1 JAN 2350 | 287 | 0.01 | 0.00 | 0.01 | 4733. |
| 1 JAN 0855 | 108 | 0.04 | 0.01 | 0.02 | 1747. | * | 1 JAN 2355 | 288 | 0.01 | 0.00 | 0.01 | 4686. |
| 1 JAN 0900 | 109 | 0.04 | 0.01 | 0.02 | 1808. | * | 2 JAN 0000 | 289 | 0.01 | 0.00 | 0.01 | 4640. |
| 1 JAN 0905 | 110 | 0.04 | 0.01 | 0.03 | 1870. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 4594. |
| 1 JAN 0910 | 111 | 0.04 | 0.01 | 0.03 | 1934. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 4549. |
| 1 JAN 0915 | 112 | 0.04 | 0.01 | 0.03 | 1999. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 4505. |
| 1 JAN 0920 | 113 | 0.04 | 0.01 | 0.03 | 2065. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 4460. |
| 1 JAN 0925 | 114 | 0.04 | 0.01 | 0.03 | 2133. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 4415. |
| 1 JAN 0930 | 115 | 0.04 | 0.01 | 0.03 | 2203. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 4369. |
| 1 JAN 0935 | 116 | 0.04 | 0.01 | 0.03 | 2275. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 4322. |
| 1 JAN 0940 | 117 | 0.04 | 0.01 | 0.03 | 2348. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 4275. |
| 1 JAN 0945 | 118 | 0.04 | 0.01 | 0.03 | 2423. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 4226. |
| 1 JAN 0950 | 119 | 0.05 | 0.01 | 0.03 | 2501. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 4177. |
| 1 JAN 0955 | 120 | 0.05 | 0.01 | 0.03 | 2580. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 4126. |
| 1 JAN 1000 | 121 | 0.05 | 0.01 | 0.03 | 2663. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 4074. |
| 1 JAN 1005 | 122 | 0.05 | 0.01 | 0.04 | 2747. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 4021. |
| 1 JAN 1010 | 123 | 0.05 | 0.01 | 0.04 | 2835. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 3966. |
| 1 JAN 1015 | 124 | 0.06 | 0.02 | 0.04 | 2925. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 3908. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 1020 | 125 | 0.06 | 0.02 | 0.04 | 3018. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 3847. |
| 1 JAN 1025 | 126 | 0.06 | 0.02 | 0.04 | 3115. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 3784. |
| 1 JAN 1030 | 127 | 0.06 | 0.02 | 0.05 | 3214. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 3718. |
| 1 JAN 1035 | 128 | 0.07 | 0.02 | 0.05 | 3318. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 3649. |
| 1 JAN 1040 | 129 | 0.07 | 0.02 | 0.05 | 3425. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 3576. |
| 1 JAN 1045 | 130 | 0.07 | 0.02 | 0.06 | 3536. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 3500. |
| 1 JAN 1050 | 131 | 0.08 | 0.02 | 0.06 | 3652. | * | 2 JAN 0150 | 311 | 0.00 | 0.00 | 0.00 | 3422. |
| 1 JAN 1055 | 132 | 0.08 | 0.02 | 0.06 | 3772. | * | 2 JAN 0155 | 312 | 0.00 | 0.00 | 0.00 | 3340. |
| 1 JAN 1100 | 133 | 0.09 | 0.02 | 0.07 | 3898. | * | 2 JAN 0200 | 313 | 0.00 | 0.00 | 0.00 | 3256. |
| 1 JAN 1105 | 134 | 0.10 | 0.02 | 0.08 | 4029. | * | 2 JAN 0205 | 314 | 0.00 | 0.00 | 0.00 | 3171. |
| 1 JAN 1110 | 135 | 0.10 | 0.02 | 0.08 | 4167. | * | 2 JAN 0210 | 315 | 0.00 | 0.00 | 0.00 | 3083. |
| 1 JAN 1115 | 136 | 0.11 | 0.02 | 0.09 | 4313. | * | 2 JAN 0215 | 316 | 0.00 | 0.00 | 0.00 | 2995. |
| 1 JAN 1120 | 137 | 0.12 | 0.02 | 0.10 | 4466. | * | 2 JAN 0220 | 317 | 0.00 | 0.00 | 0.00 | 2906. |
| 1 JAN 1125 | 138 | 0.13 | 0.02 | 0.11 | 4629. | * | 2 JAN 0225 | 318 | 0.00 | 0.00 | 0.00 | 2818. |
| 1 JAN 1130 | 139 | 0.14 | 0.02 | 0.12 | 4803. | * | 2 JAN 0230 | 319 | 0.00 | 0.00 | 0.00 | 2732. |
| 1 JAN 1135 | 140 | 0.29 | 0.05 | 0.25 | 4993. | * | 2 JAN 0235 | 320 | 0.00 | 0.00 | 0.00 | 2646. |
| 1 JAN 1140 | 141 | 0.53 | 0.07 | 0.46 | 5211. | * | 2 JAN 0240 | 321 | 0.00 | 0.00 | 0.00 | 2560. |
| 1 JAN 1145 | 142 | 0.80 | 0.09 | 0.71 | 5470. | * | 2 JAN 0245 | 322 | 0.00 | 0.00 | 0.00 | 2475. |
| 1 JAN 1150 | 143 | 1.25 | 0.11 | 1.14 | 5793. | * | 2 JAN 0250 | 323 | 0.00 | 0.00 | 0.00 | 2390. |
| 1 JAN 1155 | 144 | 1.59 | 0.10 | 1.49 | 6208. | * | 2 JAN 0255 | 324 | 0.00 | 0.00 | 0.00 | 2306. |
| 1 JAN 1200 | 145 | 1.18 | 0.06 | 1.12 | 6713. | * | 2 JAN 0300 | 325 | 0.00 | 0.00 | 0.00 | 2223. |
| 1 JAN 1205 | 146 | 0.23 | 0.01 | 0.22 | 7288. | * | 2 JAN 0305 | 326 | 0.00 | 0.00 | 0.00 | 2140. |
| 1 JAN 1210 | 147 | 0.21 | 0.01 | 0.20 | 7959. | * | 2 JAN 0310 | 327 | 0.00 | 0.00 | 0.00 | 2058. |
| 1 JAN 1215 | 148 | 0.19 | 0.01 | 0.18 | 8733. | * | 2 JAN 0315 | 328 | 0.00 | 0.00 | 0.00 | 1977. |
| 1 JAN 1220 | 149 | 0.17 | 0.01 | 0.16 | 9577. | * | 2 JAN 0320 | 329 | 0.00 | 0.00 | 0.00 | 1898. |
| 1 JAN 1225 | 150 | 0.14 | 0.01 | 0.14 | 10480. | * | 2 JAN 0325 | 330 | 0.00 | 0.00 | 0.00 | 1821. |
| 1 JAN 1230 | 151 | 0.12 | 0.00 | 0.12 | 11456. | * | 2 JAN 0330 | 331 | 0.00 | 0.00 | 0.00 | 1745. |
| 1 JAN 1235 | 152 | 0.10 | 0.00 | 0.10 | 12505. | * | 2 JAN 0335 | 332 | 0.00 | 0.00 | 0.00 | 1671. |
| 1 JAN 1240 | 153 | 0.10 | 0.00 | 0.10 | 13612. | * | 2 JAN 0340 | 333 | 0.00 | 0.00 | 0.00 | 1599. |
| 1 JAN 1245 | 154 | 0.09 | 0.00 | 0.09 | 14802. | * | 2 JAN 0345 | 334 | 0.00 | 0.00 | 0.00 | 1529. |
| 1 JAN 1250 | 155 | 0.09 | 0.00 | 0.09 | 16082. | * | 2 JAN 0350 | 335 | 0.00 | 0.00 | 0.00 | 1461. |
| 1 JAN 1255 | 156 | 0.08 | 0.00 | 0.08 | 17439. | * | 2 JAN 0355 | 336 | 0.00 | 0.00 | 0.00 | 1395. |
| 1 JAN 1300 | 157 | 0.08 | 0.00 | 0.08 | 18877. | * | 2 JAN 0400 | 337 | 0.00 | 0.00 | 0.00 | 1331. |
| 1 JAN 1305 | 158 | 0.07 | 0.00 | 0.07 | 20422. | * | 2 JAN 0405 | 338 | 0.00 | 0.00 | 0.00 | 1268. |
| 1 JAN 1310 | 159 | 0.07 | 0.00 | 0.07 | 22058. | * | 2 JAN 0410 | 339 | 0.00 | 0.00 | 0.00 | 1209. |
| 1 JAN 1315 | 160 | 0.07 | 0.00 | 0.07 | 23743. | * | 2 JAN 0415 | 340 | 0.00 | 0.00 | 0.00 | 1151. |
| 1 JAN 1320 | 161 | 0.07 | 0.00 | 0.06 | 25485. | * | 2 JAN 0420 | 341 | 0.00 | 0.00 | 0.00 | 1096. |
| 1 JAN 1325 | 162 | 0.06 | 0.00 | 0.06 | 27268. | * | 2 JAN 0425 | 342 | 0.00 | 0.00 | 0.00 | 1043. |
| 1 JAN 1330 | 163 | 0.06 | 0.00 | 0.06 | 29047. | * | 2 JAN 0430 | 343 | 0.00 | 0.00 | 0.00 | 993. |
| 1 JAN 1335 | 164 | 0.06 | 0.00 | 0.06 | 30775. | * | 2 JAN 0435 | 344 | 0.00 | 0.00 | 0.00 | 946. |
| 1 JAN 1340 | 165 | 0.05 | 0.00 | 0.05 | 32416. | * | 2 JAN 0440 | 345 | 0.00 | 0.00 | 0.00 | 902. |
| 1 JAN 1345 | 166 | 0.05 | 0.00 | 0.05 | 33968. | * | 2 JAN 0445 | 346 | 0.00 | 0.00 | 0.00 | 859. |
| 1 JAN 1350 | 167 | 0.05 | 0.00 | 0.05 | 35439. | * | 2 JAN 0450 | 347 | 0.00 | 0.00 | 0.00 | 819. |
| 1 JAN 1355 | 168 | 0.05 | 0.00 | 0.05 | 36790. | * | 2 JAN 0455 | 348 | 0.00 | 0.00 | 0.00 | 782. |
| 1 JAN 1400 | 169 | 0.05 | 0.00 | 0.05 | 38003. | * | 2 JAN 0500 | 349 | 0.00 | 0.00 | 0.00 | 746. |
| 1 JAN 1405 | 170 | 0.05 | 0.00 | 0.04 | 39106. | * | 2 JAN 0505 | 350 | 0.00 | 0.00 | 0.00 | 711. |
| 1 JAN 1410 | 171 | 0.04 | 0.00 | 0.04 | 40094. | * | 2 JAN 0510 | 351 | 0.00 | 0.00 | 0.00 | 679. |
| 1 JAN 1415 | 172 | 0.04 | 0.00 | 0.04 | 40931. | * | 2 JAN 0515 | 352 | 0.00 | 0.00 | 0.00 | 648. |
| 1 JAN 1420 | 173 | 0.04 | 0.00 | 0.04 | 41627. | * | 2 JAN 0520 | 353 | 0.00 | 0.00 | 0.00 | 618. |
| 1 JAN 1425 | 174 | 0.04 | 0.00 | 0.04 | 42224. | * | 2 JAN 0525 | 354 | 0.00 | 0.00 | 0.00 | 590. |
| 1 JAN 1430 | 175 | 0.04 | 0.00 | 0.04 | 42690. | * | 2 JAN 0530 | 355 | 0.00 | 0.00 | 0.00 | 563. |
| 1 JAN 1435 | 176 | 0.04 | 0.00 | 0.04 | 43022. | * | 2 JAN 0535 | 356 | 0.00 | 0.00 | 0.00 | 537. |
| 1 JAN 1440 | 177 | 0.04 | 0.00 | 0.04 | 43264. | * | 2 JAN 0540 | 357 | 0.00 | 0.00 | 0.00 | 512. |
| 1 JAN 1445 | 178 | 0.04 | 0.00 | 0.04 | 43432. | * | 2 JAN 0545 | 358 | 0.00 | 0.00 | 0.00 | 489. |
| 1 JAN 1450 | 179 | 0.04 | 0.00 | 0.04 | 43506. | * | 2 JAN 0550 | 359 | 0.00 | 0.00 | 0.00 | 467. |
| 1 JAN 1455 | 180 | 0.04 | 0.00 | 0.04 | 43482. | * | 2 JAN 0555 | 360 | 0.00 | 0.00 | 0.00 | 445. |

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TOTAL RAINFALL = 14.84, TOTAL LOSS = 2.63, TOTAL EXCESS = 12.21

| PEAK FLOW | TIME | MAXIMUM AVERAGE FLOW | | | |
|---|---|---|---|---|---|
| | | 6-HR | 24-HR | 72-HR | 29.92-HR |
| + (CFS) | (HR) | | | | |
| | (CFS) | | | | |
| + 43506. | 14.83 | 29736. | 10610. | 8517. | 8517. |
| | (INCHES) | 8.526 | 12.168 | 12.175 | 12.175 |
| | (AC-FT) | 14745. | 21045. | 21057. | 21057. |

CUMULATIVE AREA = 32.43 SQ MI

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

     **************
     *            *
70 KK  *    5C *     CNAME    5R
     *            *
     **************

71 KO      OUTPUT CONTROL VARIABLES
           IPRNT        0  PRINT CONTROL
           IPLOT        0  PLOT CONTROL
           QSCAL       0.  HYDROGRAPH PLOT SCALE
           IPNCH        0  PUNCH COMPUTED HYDROGRAPH
           IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
           ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
           ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
           TIMINT   0.083  TIME INTERVAL IN HOURS

72 HC      HYDROGRAPH COMBINATION
           ICOMP        2  NUMBER OF HYDROGRAPHS TO COMBINE

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                        HYDROGRAPH AT STATION     5C
                          SUM OF  2 HYDROGRAPHS

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| DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0. | 1 JAN 0730 | 91 | 2556. | 1 JAN 1500 | 181 | 111865. | 1 JAN 2230 | 271 | 28904. |
| 1 JAN 0005 | 2 | 0. | 1 JAN 0735 | 92 | 2684. | 1 JAN 1505 | 182 | 113064. | 1 JAN 2235 | 272 | 28438. |
| 1 JAN 0010 | 3 | 0. | 1 JAN 0740 | 93 | 2816. | 1 JAN 1510 | 183 | 114065. | 1 JAN 2240 | 273 | 27980. |
| 1 JAN 0015 | 4 | 0. | 1 JAN 0745 | 94 | 2951. | 1 JAN 1515 | 184 | 114885. | 1 JAN 2245 | 274 | 27528. |
| 1 JAN 0020 | 5 | 0. | 1 JAN 0750 | 95 | 3089. | 1 JAN 1520 | 185 | 115519. | 1 JAN 2250 | 275 | 27086. |
| 1 JAN 0025 | 6 | 0. | 1 JAN 0755 | 96 | 3230. | 1 JAN 1525 | 186 | 115966. | 1 JAN 2255 | 276 | 26654. |
| 1 JAN 0030 | 7 | 0. | 1 JAN 0800 | 97 | 3374. | 1 JAN 1530 | 187 | 116276. | 1 JAN 2300 | 277 | 26236. |
| 1 JAN 0035 | 8 | 0. | 1 JAN 0805 | 98 | 3521. | 1 JAN 1535 | 188 | 116472. | 1 JAN 2305 | 278 | 25834. |
| 1 JAN 0040 | 9 | 0. | 1 JAN 0810 | 99 | 3670. | 1 JAN 1540 | 189 | 116521. | 1 JAN 2310 | 279 | 25448. |
| 1 JAN 0045 | 10 | 0. | 1 JAN 0815 | 100 | 3823. | 1 JAN 1545 | 190 | 116387. | 1 JAN 2315 | 280 | 25072. |
| 1 JAN 0050 | 11 | 0. | 1 JAN 0820 | 101 | 3978. | 1 JAN 1550 | 191 | 116071. | 1 JAN 2320 | 281 | 24702. |
| 1 JAN 0055 | 12 | 0. | 1 JAN 0825 | 102 | 4136. | 1 JAN 1555 | 192 | 115614. | 1 JAN 2325 | 282 | 24338. |
| 1 JAN 0100 | 13 | 0. | 1 JAN 0830 | 103 | 4298. | 1 JAN 1600 | 193 | 115041. | 1 JAN 2330 | 283 | 23981. |
| 1 JAN 0105 | 14 | 0. | 1 JAN 0835 | 104 | 4462. | 1 JAN 1605 | 194 | 114350. | 1 JAN 2335 | 284 | 23631. |
| 1 JAN 0110 | 15 | 0. | 1 JAN 0840 | 105 | 4630. | 1 JAN 1610 | 195 | 113546. | 1 JAN 2340 | 285 | 23287. |
| 1 JAN 0115 | 16 | 0. | 1 JAN 0845 | 106 | 4801. | 1 JAN 1615 | 196 | 112620. | 1 JAN 2345 | 286 | 22951. |
| 1 JAN 0120 | 17 | 0. | 1 JAN 0850 | 107 | 4975. | 1 JAN 1620 | 197 | 111589. | 1 JAN 2350 | 287 | 22624. |
| 1 JAN 0125 | 18 | 0. | 1 JAN 0855 | 108 | 5152. | 1 JAN 1625 | 198 | 110490. | 1 JAN 2355 | 288 | 22309. |
| 1 JAN 0130 | 19 | 0. | 1 JAN 0900 | 109 | 5333. | 1 JAN 1630 | 199 | 109331. | 2 JAN 0000 | 289 | 22006. |
| 1 JAN 0135 | 20 | 0. | 1 JAN 0905 | 110 | 5518. | 1 JAN 1635 | 200 | 108100. | 2 JAN 0005 | 290 | 21713. |
| 1 JAN 0140 | 21 | 0. | 1 JAN 0910 | 111 | 5706. | 1 JAN 1640 | 201 | 106773. | 2 JAN 0010 | 291 | 21424. |
| 1 JAN 0145 | 22 | 0. | 1 JAN 0915 | 112 | 5898. | 1 JAN 1645 | 202 | 105378. | 2 JAN 0015 | 292 | 21137. |
| 1 JAN 0150 | 23 | 0. | 1 JAN 0920 | 113 | 6094. | 1 JAN 1650 | 203 | 104002. | 2 JAN 0020 | 293 | 20853. |
| 1 JAN 0155 | 24 | 0. | 1 JAN 0925 | 114 | 6293. | 1 JAN 1655 | 204 | 102647. | 2 JAN 0025 | 294 | 20572. |
| 1 JAN 0200 | 25 | 0. | 1 JAN 0930 | 115 | 6497. | 1 JAN 1700 | 205 | 101281. | 2 JAN 0030 | 295 | 20292. |
| 1 JAN 0205 | 26 | 0. | 1 JAN 0935 | 116 | 6705. | 1 JAN 1705 | 206 | 99890. | 2 JAN 0035 | 296 | 20015. |
| 1 JAN 0210 | 27 | 0. | 1 JAN 0940 | 117 | 6918. | 1 JAN 1710 | 207 | 98485. | 2 JAN 0040 | 297 | 19741. |
| 1 JAN 0215 | 28 | 0. | 1 JAN 0945 | 118 | 7135. | 1 JAN 1715 | 208 | 97078. | 2 JAN 0045 | 298 | 19474. |
| 1 JAN 0220 | 29 | 0. | 1 JAN 0950 | 119 | 7357. | 1 JAN 1720 | 209 | 95659. | 2 JAN 0050 | 299 | 19214. |
| 1 JAN 0225 | 30 | 0. | 1 JAN 0955 | 120 | 7584. | 1 JAN 1725 | 210 | 94231. | 2 JAN 0055 | 300 | 18960. |
| 1 JAN 0230 | 31 | 0. | 1 JAN 1000 | 121 | 7817. | 1 JAN 1730 | 211 | 92791. | 2 JAN 0100 | 301 | 18708. |
| 1 JAN 0235 | 32 | 0. | 1 JAN 1005 | 122 | 8055. | 1 JAN 1735 | 212 | 91336. | 2 JAN 0105 | 302 | 18455. |
| 1 JAN 0240 | 33 | 0. | 1 JAN 1010 | 123 | 8299. | 1 JAN 1740 | 213 | 89876. | 2 JAN 0110 | 303 | 18202. |
| 1 JAN 0245 | 34 | 1. | 1 JAN 1015 | 124 | 8550. | 1 JAN 1745 | 214 | 88414. | 2 JAN 0115 | 304 | 17947. |
| 1 JAN 0250 | 35 | 1. | 1 JAN 1020 | 125 | 8807. | 1 JAN 1750 | 215 | 86931. | 2 JAN 0120 | 305 | 17690. |
| 1 JAN 0255 | 36 | 2. | 1 JAN 1025 | 126 | 9072. | 1 JAN 1755 | 216 | 85398. | 2 JAN 0125 | 306 | 17431. |
| 1 JAN 0300 | 37 | 3. | 1 JAN 1030 | 127 | 9345. | 1 JAN 1800 | 217 | 83816. | 2 JAN 0130 | 307 | 17171. |
| 1 JAN 0305 | 38 | 3. | 1 JAN 1035 | 128 | 9626. | 1 JAN 1805 | 218 | 82206. | 2 JAN 0135 | 308 | 16909. |
| 1 JAN 0310 | 39 | 5. | 1 JAN 1040 | 129 | 9916. | 1 JAN 1810 | 219 | 80577. | 2 JAN 0140 | 309 | 16648. |
| 1 JAN 0315 | 40 | 6. | 1 JAN 1045 | 130 | 10215. | 1 JAN 1815 | 220 | 78924. | 2 JAN 0145 | 310 | 16388. |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0320 | 41 | 8. | * | 1 JAN 1050 | 131 | 10525. | * | 1 JAN 1820 | 221 | 77238. | * | 2 JAN 0150 | 311 | 16125. |
| 1 JAN 0325 | 42 | 11. | * | 1 JAN 1055 | 132 | 10846. | * | 1 JAN 1825 | 222 | 75515. | * | 2 JAN 0155 | 312 | 15859. |
| 1 JAN 0330 | 43 | 13. | * | 1 JAN 1100 | 133 | 11178. | * | 1 JAN 1830 | 223 | 73775. | * | 2 JAN 0200 | 313 | 15589. |
| 1 JAN 0335 | 44 | 17. | * | 1 JAN 1105 | 134 | 11524. | * | 1 JAN 1835 | 224 | 72047. | * | 2 JAN 0205 | 314 | 15316. |
| 1 JAN 0340 | 45 | 21. | * | 1 JAN 1110 | 135 | 11884. | * | 1 JAN 1840 | 225 | 70346. | * | 2 JAN 0210 | 315 | 15040. |
| 1 JAN 0345 | 46 | 25. | * | 1 JAN 1115 | 136 | 12261. | * | 1 JAN 1845 | 226 | 68692. | * | 2 JAN 0215 | 316 | 14762. |
| 1 JAN 0350 | 47 | 31. | * | 1 JAN 1120 | 137 | 12655. | * | 1 JAN 1850 | 227 | 67098. | * | 2 JAN 0220 | 317 | 14482. |
| 1 JAN 0355 | 48 | 37. | * | 1 JAN 1125 | 138 | 13069. | * | 1 JAN 1855 | 228 | 65563. | * | 2 JAN 0225 | 318 | 14202. |
| 1 JAN 0400 | 49 | 44. | * | 1 JAN 1130 | 139 | 13504. | * | 1 JAN 1900 | 229 | 64067. | * | 2 JAN 0230 | 319 | 13924. |
| 1 JAN 0405 | 50 | 53. | * | 1 JAN 1135 | 140 | 13976. | * | 1 JAN 1905 | 230 | 62612. | * | 2 JAN 0235 | 320 | 13648. |
| 1 JAN 0410 | 51 | 62. | * | 1 JAN 1140 | 141 | 14507. | * | 1 JAN 1910 | 231 | 61220. | * | 2 JAN 0240 | 321 | 13372. |
| 1 JAN 0415 | 52 | 73. | * | 1 JAN 1145 | 142 | 15122. | * | 1 JAN 1915 | 232 | 59908. | * | 2 JAN 0245 | 322 | 13096. |
| 1 JAN 0420 | 53 | 85. | * | 1 JAN 1150 | 143 | 15868. | * | 1 JAN 1920 | 233 | 58659. | * | 2 JAN 0250 | 323 | 12819. |
| 1 JAN 0425 | 54 | 99. | * | 1 JAN 1155 | 144 | 16792. | * | 1 JAN 1925 | 234 | 57437. | * | 2 JAN 0255 | 324 | 12540. |
| 1 JAN 0430 | 55 | 114. | * | 1 JAN 1200 | 145 | 17880. | * | 1 JAN 1930 | 235 | 56247. | * | 2 JAN 0300 | 325 | 12261. |
| 1 JAN 0435 | 56 | 131. | * | 1 JAN 1205 | 146 | 19080. | * | 1 JAN 1935 | 236 | 55090. | * | 2 JAN 0305 | 326 | 11981. |
| 1 JAN 0440 | 57 | 150. | * | 1 JAN 1210 | 147 | 20437. | * | 1 JAN 1940 | 237 | 53967. | * | 2 JAN 0310 | 327 | 11702. |
| 1 JAN 0445 | 58 | 172. | * | 1 JAN 1215 | 148 | 21981. | * | 1 JAN 1945 | 238 | 52875. | * | 2 JAN 0315 | 328 | 11425. |
| 1 JAN 0450 | 59 | 195. | * | 1 JAN 1220 | 149 | 23704. | * | 1 JAN 1950 | 239 | 51801. | * | 2 JAN 0320 | 329 | 11149. |
| 1 JAN 0455 | 60 | 221. | * | 1 JAN 1225 | 150 | 25581. | * | 1 JAN 1955 | 240 | 50750. | * | 2 JAN 0325 | 330 | 10877. |
| 1 JAN 0500 | 61 | 249. | * | 1 JAN 1230 | 151 | 27577. | * | 1 JAN 2000 | 241 | 49730. | * | 2 JAN 0330 | 331 | 10608. |
| 1 JAN 0505 | 62 | 279. | * | 1 JAN 1235 | 152 | 29687. | * | 1 JAN 2005 | 242 | 48749. | * | 2 JAN 0335 | 332 | 10342. |
| 1 JAN 0510 | 63 | 313. | * | 1 JAN 1240 | 153 | 31908. | * | 1 JAN 2010 | 243 | 47802. | * | 2 JAN 0340 | 333 | 10078. |
| 1 JAN 0515 | 64 | 349. | * | 1 JAN 1245 | 154 | 34275. | * | 1 JAN 2015 | 244 | 46875. | * | 2 JAN 0345 | 334 | 9815. |
| 1 JAN 0520 | 65 | 388. | * | 1 JAN 1250 | 155 | 36796. | * | 1 JAN 2020 | 245 | 45969. | * | 2 JAN 0350 | 335 | 9555. |
| 1 JAN 0525 | 66 | 430. | * | 1 JAN 1255 | 156 | 39438. | * | 1 JAN 2025 | 246 | 45093. | * | 2 JAN 0355 | 336 | 9298. |
| 1 JAN 0530 | 67 | 475. | * | 1 JAN 1300 | 157 | 42207. | * | 1 JAN 2030 | 247 | 44256. | * | 2 JAN 0400 | 337 | 9045. |
| 1 JAN 0535 | 68 | 523. | * | 1 JAN 1305 | 158 | 45144. | * | 1 JAN 2035 | 248 | 43459. | * | 2 JAN 0405 | 338 | 8795. |
| 1 JAN 0540 | 69 | 574. | * | 1 JAN 1310 | 159 | 48251. | * | 1 JAN 2040 | 249 | 42688. | * | 2 JAN 0410 | 339 | 8550. |
| 1 JAN 0545 | 70 | 628. | * | 1 JAN 1315 | 160 | 51489. | * | 1 JAN 2045 | 250 | 41931. | * | 2 JAN 0415 | 340 | 8310. |
| 1 JAN 0550 | 71 | 686. | * | 1 JAN 1320 | 161 | 54843. | * | 1 JAN 2050 | 251 | 41182. | * | 2 JAN 0420 | 341 | 8076. |
| 1 JAN 0555 | 72 | 747. | * | 1 JAN 1325 | 162 | 58288. | * | 1 JAN 2055 | 252 | 40441. | * | 2 JAN 0425 | 342 | 7847. |
| 1 JAN 0600 | 73 | 811. | * | 1 JAN 1330 | 163 | 61796. | * | 1 JAN 2100 | 253 | 39709. | * | 2 JAN 0430 | 343 | 7623. |
| 1 JAN 0605 | 74 | 879. | * | 1 JAN 1335 | 164 | 65345. | * | 1 JAN 2105 | 254 | 38987. | * | 2 JAN 0435 | 344 | 7402. |
| 1 JAN 0610 | 75 | 950. | * | 1 JAN 1340 | 165 | 68908. | * | 1 JAN 2110 | 255 | 38278. | * | 2 JAN 0440 | 345 | 7186. |
| 1 JAN 0615 | 76 | 1025. | * | 1 JAN 1345 | 166 | 72449. | * | 1 JAN 2115 | 256 | 37586. | * | 2 JAN 0445 | 346 | 6974. |
| 1 JAN 0620 | 77 | 1103. | * | 1 JAN 1350 | 167 | 75945. | * | 1 JAN 2120 | 257 | 36914. | * | 2 JAN 0450 | 347 | 6767. |
| 1 JAN 0625 | 78 | 1184. | * | 1 JAN 1355 | 168 | 79364. | * | 1 JAN 2125 | 258 | 36262. | * | 2 JAN 0455 | 348 | 6565. |
| 1 JAN 0630 | 79 | 1269. | * | 1 JAN 1400 | 169 | 82708. | * | 1 JAN 2130 | 259 | 35625. | * | 2 JAN 0500 | 349 | 6368. |
| 1 JAN 0635 | 80 | 1357. | * | 1 JAN 1405 | 170 | 86014. | * | 1 JAN 2135 | 260 | 34996. | * | 2 JAN 0505 | 350 | 6177. |
| 1 JAN 0640 | 81 | 1449. | * | 1 JAN 1410 | 171 | 89244. | * | 1 JAN 2140 | 261 | 34374. | * | 2 JAN 0510 | 351 | 5991. |
| 1 JAN 0645 | 82 | 1545. | * | 1 JAN 1415 | 172 | 92307. | * | 1 JAN 2145 | 262 | 33761. | * | 2 JAN 0515 | 352 | 5811. |
| 1 JAN 0650 | 83 | 1643. | * | 1 JAN 1420 | 173 | 95199. | * | 1 JAN 2150 | 263 | 33156. | * | 2 JAN 0520 | 353 | 5635. |
| 1 JAN 0655 | 84 | 1746. | * | 1 JAN 1425 | 174 | 97934. | * | 1 JAN 2155 | 264 | 32562. | * | 2 JAN 0525 | 354 | 5463. |
| 1 JAN 0700 | 85 | 1851. | * | 1 JAN 1430 | 175 | 100461. | * | 1 JAN 2200 | 265 | 31979. | * | 2 JAN 0530 | 355 | 5295. |
| 1 JAN 0705 | 86 | 1960. | * | 1 JAN 1435 | 176 | 102782. | * | 1 JAN 2205 | 266 | 31410. | * | 2 JAN 0535 | 356 | 5130. |
| 1 JAN 0710 | 87 | 2073. | * | 1 JAN 1440 | 177 | 104966. | * | 1 JAN 2210 | 267 | 30865. | * | 2 JAN 0540 | 357 | 4969. |
| 1 JAN 0715 | 88 | 2189. | * | 1 JAN 1445 | 178 | 107008. | * | 1 JAN 2215 | 268 | 30347. | * | 2 JAN 0545 | 358 | 4813. |
| 1 JAN 0720 | 89 | 2308. | * | 1 JAN 1450 | 179 | 108854. | * | 1 JAN 2220 | 269 | 29855. | * | 2 JAN 0550 | 359 | 4659. |
| 1 JAN 0725 | 90 | 2430. | * | 1 JAN 1455 | 180 | 110469. | * | 1 JAN 2225 | 270 | 29375. | * | 2 JAN 0555 | 360 | 4509. |
| | | | * | | | | * | | | | * | | | |

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PEAK FLOW   TIME            MAXIMUM AVERAGE FLOW
                    6-HR    24-HR    72-HR   29.92-HR
+ (CFS)    (HR)
              (CFS)
+ 116521.  15.67       92775.   36782.   29527.   29527.
           (INCHES)    9.804    15.547   15.557   15.557
           (AC-FT)     46004.   72956.   73003.   73003.

           CUMULATIVE AREA =  87.98 SQ MI
```

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

```
     **************
     *            *
73 KK  *    5R    *     CNAME     5C
     *            *
     **************
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```
74 KO     OUTPUT CONTROL VARIABLES
          IPRNT      0 PRINT CONTROL
          IPLOT      0 PLOT CONTROL
          QSCAL     0. HYDROGRAPH PLOT SCALE
          IPNCH      0 PUNCH COMPUTED HYDROGRAPH
          IOUT      22 SAVE HYDROGRAPH ON THIS UNIT
          ISAV1      1 FIRST ORDINATE PUNCHED OR SAVED
          ISAV2    360 LAST ORDINATE PUNCHED OR SAVED
         TIMINT  0.083 TIME INTERVAL IN HOURS


      HYDROGRAPH ROUTING DATA

75 RM     MUSKINGUM ROUTING
          NSTPS     17 NUMBER OF SUBREACHES
          AMSKK   1.30 MUSKINGUM K
            X     0.20 MUSKINGUM X

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

HYDROGRAPH AT STATION 5R

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| DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0. | 1 JAN 0730 | 91 | 998. | 1 JAN 1500 | 181 | 70441. | 1 JAN 2230 | 271 | 38028. |
| 1 JAN 0005 | 2 | 0. | 1 JAN 0735 | 92 | 1074. | 1 JAN 1505 | 182 | 73873. | 1 JAN 2235 | 272 | 37347. |
| 1 JAN 0010 | 3 | 0. | 1 JAN 0740 | 93 | 1154. | 1 JAN 1510 | 183 | 77267. | 1 JAN 2240 | 273 | 36679. |
| 1 JAN 0015 | 4 | 0. | 1 JAN 0745 | 94 | 1237. | 1 JAN 1515 | 184 | 80603. | 1 JAN 2245 | 274 | 36025. |
| 1 JAN 0020 | 5 | 0. | 1 JAN 0750 | 95 | 1324. | 1 JAN 1520 | 185 | 83862. | 1 JAN 2250 | 275 | 35384. |
| 1 JAN 0025 | 6 | 0. | 1 JAN 0755 | 96 | 1414. | 1 JAN 1525 | 186 | 87025. | 1 JAN 2255 | 276 | 34754. |
| 1 JAN 0030 | 7 | 0. | 1 JAN 0800 | 97 | 1507. | 1 JAN 1530 | 187 | 90071. | 1 JAN 2300 | 277 | 34136. |
| 1 JAN 0035 | 8 | 0. | 1 JAN 0805 | 98 | 1604. | 1 JAN 1535 | 188 | 92985. | 1 JAN 2305 | 278 | 33530. |
| 1 JAN 0040 | 9 | 0. | 1 JAN 0810 | 99 | 1704. | 1 JAN 1540 | 189 | 95751. | 1 JAN 2310 | 279 | 32936. |
| 1 JAN 0045 | 10 | 0. | 1 JAN 0815 | 100 | 1808. | 1 JAN 1545 | 190 | 98358. | 1 JAN 2315 | 280 | 32356. |
| 1 JAN 0050 | 11 | 0. | 1 JAN 0820 | 101 | 1915. | 1 JAN 1550 | 191 | 100797. | 1 JAN 2320 | 281 | 31791. |
| 1 JAN 0055 | 12 | 0. | 1 JAN 0825 | 102 | 2025. | 1 JAN 1555 | 192 | 103063. | 1 JAN 2325 | 282 | 31243. |
| 1 JAN 0100 | 13 | 0. | 1 JAN 0830 | 103 | 2139. | 1 JAN 1600 | 193 | 105148. | 1 JAN 2330 | 283 | 30711. |
| 1 JAN 0105 | 14 | 0. | 1 JAN 0835 | 104 | 2256. | 1 JAN 1605 | 194 | 107047. | 1 JAN 2335 | 284 | 30195. |
| 1 JAN 0110 | 15 | 0. | 1 JAN 0840 | 105 | 2377. | 1 JAN 1610 | 195 | 108756. | 1 JAN 2340 | 285 | 29694. |
| 1 JAN 0115 | 16 | 0. | 1 JAN 0845 | 106 | 2500. | 1 JAN 1615 | 196 | 110273. | 1 JAN 2345 | 286 | 29206. |
| 1 JAN 0120 | 17 | 0. | 1 JAN 0850 | 107 | 2627. | 1 JAN 1620 | 197 | 111596. | 1 JAN 2350 | 287 | 28731. |
| 1 JAN 0125 | 18 | 0. | 1 JAN 0855 | 108 | 2757. | 1 JAN 1625 | 198 | 112729. | 1 JAN 2355 | 288 | 28266. |
| 1 JAN 0130 | 19 | 0. | 1 JAN 0900 | 109 | 2890. | 1 JAN 1630 | 199 | 113677. | 2 JAN 0000 | 289 | 27813. |
| 1 JAN 0135 | 20 | 0. | 1 JAN 0905 | 110 | 3026. | 1 JAN 1635 | 200 | 114445. | 2 JAN 0005 | 290 | 27369. |
| 1 JAN 0140 | 21 | 0. | 1 JAN 0910 | 111 | 3165. | 1 JAN 1640 | 201 | 115041. | 2 JAN 0010 | 291 | 26937. |
| 1 JAN 0145 | 22 | 0. | 1 JAN 0915 | 112 | 3308. | 1 JAN 1645 | 202 | 115470. | 2 JAN 0015 | 292 | 26515. |
| 1 JAN 0150 | 23 | 0. | 1 JAN 0920 | 113 | 3453. | 1 JAN 1650 | 203 | 115739. | 2 JAN 0020 | 293 | 26105. |
| 1 JAN 0155 | 24 | 0. | 1 JAN 0925 | 114 | 3601. | 1 JAN 1655 | 204 | 115851. | 2 JAN 0025 | 294 | 25706. |
| 1 JAN 0200 | 25 | 0. | 1 JAN 0930 | 115 | 3752. | 1 JAN 1700 | 205 | 115810. | 2 JAN 0030 | 295 | 25317. |
| 1 JAN 0205 | 26 | 0. | 1 JAN 0935 | 116 | 3906. | 1 JAN 1705 | 206 | 115621. | 2 JAN 0035 | 296 | 24938. |
| 1 JAN 0210 | 27 | 0. | 1 JAN 0940 | 117 | 4063. | 1 JAN 1710 | 207 | 115289. | 2 JAN 0040 | 297 | 24568. |
| 1 JAN 0215 | 28 | 0. | 1 JAN 0945 | 118 | 4222. | 1 JAN 1715 | 208 | 114822. | 2 JAN 0045 | 298 | 24206. |
| 1 JAN 0220 | 29 | 0. | 1 JAN 0950 | 119 | 4385. | 1 JAN 1720 | 209 | 114227. | 2 JAN 0050 | 299 | 23852. |
| 1 JAN 0225 | 30 | 0. | 1 JAN 0955 | 120 | 4552. | 1 JAN 1725 | 210 | 113514. | 2 JAN 0055 | 300 | 23507. |
| 1 JAN 0230 | 31 | 0. | 1 JAN 1000 | 121 | 4721. | 1 JAN 1730 | 211 | 112690. | 2 JAN 0100 | 301 | 23169. |
| 1 JAN 0235 | 32 | 0. | 1 JAN 1005 | 122 | 4894. | 1 JAN 1735 | 212 | 111767. | 2 JAN 0105 | 302 | 22840. |
| 1 JAN 0240 | 33 | 0. | 1 JAN 1010 | 123 | 5070. | 1 JAN 1740 | 213 | 110752. | 2 JAN 0110 | 303 | 22520. |
| 1 JAN 0245 | 34 | 0. | 1 JAN 1015 | 124 | 5249. | 1 JAN 1745 | 214 | 109655. | 2 JAN 0115 | 304 | 22207. |
| 1 JAN 0250 | 35 | 0. | 1 JAN 1020 | 125 | 5432. | 1 JAN 1750 | 215 | 108488. | 2 JAN 0120 | 305 | 21902. |
| 1 JAN 0255 | 36 | 0. | 1 JAN 1025 | 126 | 5619. | 1 JAN 1755 | 216 | 107261. | 2 JAN 0125 | 306 | 21604. |
| 1 JAN 0300 | 37 | 0. | 1 JAN 1030 | 127 | 5809. | 1 JAN 1800 | 217 | 105985. | 2 JAN 0130 | 307 | 21310. |
| 1 JAN 0305 | 38 | 0. | 1 JAN 1035 | 128 | 6003. | 1 JAN 1805 | 218 | 104673. | 2 JAN 0135 | 308 | 21022. |
| 1 JAN 0310 | 39 | 0. | 1 JAN 1040 | 129 | 6201. | 1 JAN 1810 | 219 | 103333. | 2 JAN 0140 | 309 | 20738. |
| 1 JAN 0315 | 40 | 0. | 1 JAN 1045 | 130 | 6403. | 1 JAN 1815 | 220 | 101972. | 2 JAN 0145 | 310 | 20457. |
| 1 JAN 0320 | 41 | 0. | 1 JAN 1050 | 131 | 6610. | 1 JAN 1820 | 221 | 100595. | 2 JAN 0150 | 311 | 20181. |
| 1 JAN 0325 | 42 | 0. | 1 JAN 1055 | 132 | 6821. | 1 JAN 1825 | 222 | 99205. | 2 JAN 0155 | 312 | 19908. |
| 1 JAN 0330 | 43 | 0. | 1 JAN 1100 | 133 | 7036. | 1 JAN 1830 | 223 | 97802. | 2 JAN 0200 | 313 | 19639. |
| 1 JAN 0335 | 44 | 0. | 1 JAN 1105 | 134 | 7257. | 1 JAN 1835 | 224 | 96389. | 2 JAN 0205 | 314 | 19374. |
| 1 JAN 0340 | 45 | 0. | 1 JAN 1110 | 135 | 7482. | 1 JAN 1840 | 225 | 94965. | 2 JAN 0210 | 315 | 19112. |
| 1 JAN 0345 | 46 | 0. | 1 JAN 1115 | 136 | 7713. | 1 JAN 1845 | 226 | 93529. | 2 JAN 0215 | 316 | 18853. |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0350 | 47 | 0. | * | 1 JAN 1120 | 137 | 7949. | * | 1 JAN 1850 | 227 | 92080. | * | 2 JAN 0220 | 317 | 18595. |
| 1 JAN 0355 | 48 | 1. | * | 1 JAN 1125 | 138 | 8192. | * | 1 JAN 1855 | 228 | 90615. | * | 2 JAN 0225 | 318 | 18339. |
| 1 JAN 0400 | 49 | 1. | * | 1 JAN 1130 | 139 | 8441. | * | 1 JAN 1900 | 229 | 89133. | * | 2 JAN 0230 | 319 | 18082. |
| 1 JAN 0405 | 50 | 2. | * | 1 JAN 1135 | 140 | 8696. | * | 1 JAN 1905 | 230 | 87629. | * | 2 JAN 0235 | 320 | 17825. |
| 1 JAN 0410 | 51 | 2. | * | 1 JAN 1140 | 141 | 8959. | * | 1 JAN 1910 | 231 | 86101. | * | 2 JAN 0240 | 321 | 17567. |
| 1 JAN 0415 | 52 | 3. | * | 1 JAN 1145 | 142 | 9230. | * | 1 JAN 1915 | 232 | 84546. | * | 2 JAN 0245 | 322 | 17308. |
| 1 JAN 0420 | 53 | 4. | * | 1 JAN 1150 | 143 | 9508. | * | 1 JAN 1920 | 233 | 82963. | * | 2 JAN 0250 | 323 | 17048. |
| 1 JAN 0425 | 54 | 5. | * | 1 JAN 1155 | 144 | 9796. | * | 1 JAN 1925 | 234 | 81352. | * | 2 JAN 0255 | 324 | 16787. |
| 1 JAN 0430 | 55 | 7. | * | 1 JAN 1200 | 145 | 10093. | * | 1 JAN 1930 | 235 | 79717. | * | 2 JAN 0300 | 325 | 16524. |
| 1 JAN 0435 | 56 | 9. | * | 1 JAN 1205 | 146 | 10400. | * | 1 JAN 1935 | 236 | 78061. | * | 2 JAN 0305 | 326 | 16260. |
| 1 JAN 0440 | 57 | 11. | * | 1 JAN 1210 | 147 | 10719. | * | 1 JAN 1940 | 237 | 76390. | * | 2 JAN 0310 | 327 | 15993. |
| 1 JAN 0445 | 58 | 14. | * | 1 JAN 1215 | 148 | 11049. | * | 1 JAN 1945 | 238 | 74714. | * | 2 JAN 0315 | 328 | 15725. |
| 1 JAN 0450 | 59 | 17. | * | 1 JAN 1220 | 149 | 11394. | * | 1 JAN 1950 | 239 | 73042. | * | 2 JAN 0320 | 329 | 15454. |
| 1 JAN 0455 | 60 | 21. | * | 1 JAN 1225 | 150 | 11753. | * | 1 JAN 1955 | 240 | 71385. | * | 2 JAN 0325 | 330 | 15181. |
| 1 JAN 0500 | 61 | 26. | * | 1 JAN 1230 | 151 | 12131. | * | 1 JAN 2000 | 241 | 69753. | * | 2 JAN 0330 | 331 | 14907. |
| 1 JAN 0505 | 62 | 31. | * | 1 JAN 1235 | 152 | 12531. | * | 1 JAN 2005 | 242 | 68155. | * | 2 JAN 0335 | 332 | 14631. |
| 1 JAN 0510 | 63 | 37. | * | 1 JAN 1240 | 153 | 12960. | * | 1 JAN 2010 | 243 | 66598. | * | 2 JAN 0340 | 333 | 14354. |
| 1 JAN 0515 | 64 | 45. | * | 1 JAN 1245 | 154 | 13427. | * | 1 JAN 2015 | 244 | 65086. | * | 2 JAN 0345 | 334 | 14077. |
| 1 JAN 0520 | 65 | 53. | * | 1 JAN 1250 | 155 | 13946. | * | 1 JAN 2020 | 245 | 63624. | * | 2 JAN 0350 | 335 | 13800. |
| 1 JAN 0525 | 66 | 62. | * | 1 JAN 1255 | 156 | 14532. | * | 1 JAN 2025 | 246 | 62213. | * | 2 JAN 0355 | 336 | 13523. |
| 1 JAN 0530 | 67 | 73. | * | 1 JAN 1300 | 157 | 15202. | * | 1 JAN 2030 | 247 | 60852. | * | 2 JAN 0400 | 337 | 13245. |
| 1 JAN 0535 | 68 | 84. | * | 1 JAN 1305 | 158 | 15974. | * | 1 JAN 2035 | 248 | 59540. | * | 2 JAN 0405 | 338 | 12968. |
| 1 JAN 0540 | 69 | 98. | * | 1 JAN 1310 | 159 | 16862. | * | 1 JAN 2040 | 249 | 58273. | * | 2 JAN 0410 | 339 | 12690. |
| 1 JAN 0545 | 70 | 113. | * | 1 JAN 1315 | 160 | 17882. | * | 1 JAN 2045 | 250 | 57048. | * | 2 JAN 0415 | 340 | 12412. |
| 1 JAN 0550 | 71 | 130. | * | 1 JAN 1320 | 161 | 19041. | * | 1 JAN 2050 | 251 | 55861. | * | 2 JAN 0420 | 341 | 12135. |
| 1 JAN 0555 | 72 | 148. | * | 1 JAN 1325 | 162 | 20346. | * | 1 JAN 2055 | 252 | 54709. | * | 2 JAN 0425 | 342 | 11858. |
| 1 JAN 0600 | 73 | 169. | * | 1 JAN 1330 | 163 | 21800. | * | 1 JAN 2100 | 253 | 53589. | * | 2 JAN 0430 | 343 | 11582. |
| 1 JAN 0605 | 74 | 191. | * | 1 JAN 1335 | 164 | 23404. | * | 1 JAN 2105 | 254 | 52500. | * | 2 JAN 0435 | 344 | 11308. |
| 1 JAN 0610 | 75 | 216. | * | 1 JAN 1340 | 165 | 25153. | * | 1 JAN 2110 | 255 | 51440. | * | 2 JAN 0440 | 345 | 11035. |
| 1 JAN 0615 | 76 | 244. | * | 1 JAN 1345 | 166 | 27045. | * | 1 JAN 2115 | 256 | 50410. | * | 2 JAN 0445 | 346 | 10765. |
| 1 JAN 0620 | 77 | 273. | * | 1 JAN 1350 | 167 | 29076. | * | 1 JAN 2120 | 257 | 49409. | * | 2 JAN 0450 | 347 | 10497. |
| 1 JAN 0625 | 78 | 306. | * | 1 JAN 1355 | 168 | 31245. | * | 1 JAN 2125 | 258 | 48437. | * | 2 JAN 0455 | 348 | 10232. |
| 1 JAN 0630 | 79 | 341. | * | 1 JAN 1400 | 169 | 33549. | * | 1 JAN 2130 | 259 | 47494. | * | 2 JAN 0500 | 349 | 9969. |
| 1 JAN 0635 | 80 | 378. | * | 1 JAN 1405 | 170 | 35991. | * | 1 JAN 2135 | 260 | 46581. | * | 2 JAN 0505 | 350 | 9709. |
| 1 JAN 0640 | 81 | 419. | * | 1 JAN 1410 | 171 | 38570. | * | 1 JAN 2140 | 261 | 45696. | * | 2 JAN 0510 | 351 | 9451. |
| 1 JAN 0645 | 82 | 463. | * | 1 JAN 1415 | 172 | 41286. | * | 1 JAN 2145 | 262 | 44838. | * | 2 JAN 0515 | 352 | 9198. |
| 1 JAN 0650 | 83 | 509. | * | 1 JAN 1420 | 173 | 44139. | * | 1 JAN 2150 | 263 | 44008. | * | 2 JAN 0520 | 353 | 8948. |
| 1 JAN 0655 | 84 | 559. | * | 1 JAN 1425 | 174 | 47122. | * | 1 JAN 2155 | 264 | 43200. | * | 2 JAN 0525 | 354 | 8702. |
| 1 JAN 0700 | 85 | 612. | * | 1 JAN 1430 | 175 | 50227. | * | 1 JAN 2200 | 265 | 42414. | * | 2 JAN 0530 | 355 | 8461. |
| 1 JAN 0705 | 86 | 668. | * | 1 JAN 1435 | 176 | 53440. | * | 1 JAN 2205 | 266 | 41646. | * | 2 JAN 0535 | 356 | 8224. |
| 1 JAN 0710 | 87 | 727. | * | 1 JAN 1440 | 177 | 56744. | * | 1 JAN 2210 | 267 | 40894. | * | 2 JAN 0540 | 357 | 7992. |
| 1 JAN 0715 | 88 | 790. | * | 1 JAN 1445 | 178 | 60119. | * | 1 JAN 2215 | 268 | 40157. | * | 2 JAN 0545 | 358 | 7764. |
| 1 JAN 0720 | 89 | 856. | * | 1 JAN 1450 | 179 | 63542. | * | 1 JAN 2220 | 269 | 39433. | * | 2 JAN 0550 | 359 | 7541. |
| 1 JAN 0725 | 90 | 925. | * | 1 JAN 1455 | 180 | 66990. | * | 1 JAN 2225 | 270 | 38723. | * | 2 JAN 0555 | 360 | 7323. |
| | | | * | | | | * | | | | * | | | |

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PEAK FLOW   TIME              MAXIMUM AVERAGE FLOW
                    6-HR     24-HR     72-HR   29.92-HR
+ (CFS)     (HR)
              (CFS)
+ 115851.   16.92       92499.    36485.    29272.    29272.
              (INCHES)  9.775    15.422    15.423    15.423
              (AC-FT)  45867.    72368.    72374.    72374.

              CUMULATIVE AREA =  87.98 SQ MI



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


      **************
      *            *
76 KK *    8BPMP   *
      *            *
      **************

77 KO       OUTPUT CONTROL VARIABLES
            IPRNT      0 PRINT CONTROL
            IPLOT      0 PLOT CONTROL
            QSCAL      0. HYDROGRAPH PLOT SCALE
            IPNCH      1 PUNCH COMPUTED HYDROGRAPH
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        IOUT      22 SAVE HYDROGRAPH ON THIS UNIT
        ISAV1      1 FIRST ORDINATE PUNCHED OR SAVED
        ISAV2    360 LAST ORDINATE PUNCHED OR SAVED
       TIMINT  0.083 TIME INTERVAL IN HOURS


80 IN   TIME DATA FOR INPUT TIME SERIES
        JXMIN      6 TIME INTERVAL IN MINUTES
        JXDATE   1JAN94 STARTING DATE
        JXTIME     0 STARTING TIME

      SUBBASIN RUNOFF DATA

78 BA   SUBBASIN CHARACTERISTICS
        TAREA,   3.70 SUBBASIN AREA

      PRECIPITATION DATA

79 PB       STORM   15.07 BASIN TOTAL PRECIPITATION

81 PI   INCREMENTAL PRECIPITATION PATTERN
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.01  0.01
        0.01  0.01  0.01  0.01  0.01  0.01  0.01  0.01  0.02  0.04
        0.05  0.08  0.11  0.08  0.02  0.01  0.01  0.01  0.01  0.01
        0.01  0.01  0.01  0.01  0.01  0.01  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
        0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00

106 LS  SCS LOSS RATE
        STRTL    0.50 INITIAL ABSTRACTION
        CRVNBR  80.00 CURVE NUMBER
        RTIMP    0.00 PERCENT IMPERVIOUS AREA

107 UD  SCS DIMENSIONLESS UNITGRAPH
        TLAG     1.24 LAG

                    ***

                UNIT HYDROGRAPH
            77 END-OF-PERIOD ORDINATES
   27.    70.   133.   213.   304.   412.   550.   702.   873.  1024.
 1159.  1258.  1328.  1377.  1386.  1385.  1375.  1321.  1262.  1199.
 1128.  1049.   959.   853.   751.   661.   591.   530.   476.   428.
  385.   352.   319.   286.   259.   232.   205.   187.   169.   151.
  137.   123.   110.    99.    89.    79.    72.    65.    58.    53.
   48.    43.    38.    35.    31.    28.    25.    23.    20.    18.
   17.    15.    14.    13.    12.    11.    10.     9.     7.     6.
    6.     5.     4.     3.     2.     1.     0.
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HYDROGRAPH AT STATION 8BPMP

| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | 1 JAN 1500 | 181 | 0.04 | 0.00 | 0.04 | 2729. |
| 1 JAN 0005 | 2 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1505 | 182 | 0.04 | 0.00 | 0.04 | 2586. |
| 1 JAN 0010 | 3 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1510 | 183 | 0.04 | 0.00 | 0.04 | 2452. |
| 1 JAN 0015 | 4 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1515 | 184 | 0.04 | 0.00 | 0.03 | 2328. |
| 1 JAN 0020 | 5 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1520 | 185 | 0.03 | 0.00 | 0.03 | 2214. |
| 1 JAN 0025 | 6 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1525 | 186 | 0.03 | 0.00 | 0.03 | 2108. |
| 1 JAN 0030 | 7 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1530 | 187 | 0.03 | 0.00 | 0.03 | 2011. |
| 1 JAN 0035 | 8 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1535 | 188 | 0.03 | 0.00 | 0.03 | 1921. |
| 1 JAN 0040 | 9 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1540 | 189 | 0.03 | 0.00 | 0.03 | 1838. |
| 1 JAN 0045 | 10 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1545 | 190 | 0.03 | 0.00 | 0.03 | 1762. |
| 1 JAN 0050 | 11 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1550 | 191 | 0.03 | 0.00 | 0.03 | 1692. |
| 1 JAN 0055 | 12 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1555 | 192 | 0.03 | 0.00 | 0.03 | 1627. |
| 1 JAN 0100 | 13 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1600 | 193 | 0.03 | 0.00 | 0.03 | 1567. |
| 1 JAN 0105 | 14 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1605 | 194 | 0.03 | 0.00 | 0.03 | 1510. |
| 1 JAN 0110 | 15 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1610 | 195 | 0.03 | 0.00 | 0.03 | 1457. |
| 1 JAN 0115 | 16 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1615 | 196 | 0.03 | 0.00 | 0.03 | 1407. |
| 1 JAN 0120 | 17 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1620 | 197 | 0.03 | 0.00 | 0.03 | 1361. |
| 1 JAN 0125 | 18 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1625 | 198 | 0.03 | 0.00 | 0.03 | 1317. |
| 1 JAN 0130 | 19 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1630 | 199 | 0.03 | 0.00 | 0.03 | 1275. |
| 1 JAN 0135 | 20 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1635 | 200 | 0.03 | 0.00 | 0.03 | 1236. |
| 1 JAN 0140 | 21 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1640 | 201 | 0.03 | 0.00 | 0.03 | 1199. |
| 1 JAN 0145 | 22 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1645 | 202 | 0.03 | 0.00 | 0.03 | 1164. |
| 1 JAN 0150 | 23 | 0.01 | 0.01 | 0.00 | 0. | 1 JAN 1650 | 203 | 0.03 | 0.00 | 0.03 | 1132. |
| 1 JAN 0155 | 24 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1655 | 204 | 0.03 | 0.00 | 0.03 | 1102. |
| 1 JAN 0200 | 25 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1700 | 205 | 0.03 | 0.00 | 0.03 | 1073. |
| 1 JAN 0205 | 26 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1705 | 206 | 0.03 | 0.00 | 0.02 | 1047. |
| 1 JAN 0210 | 27 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1710 | 207 | 0.03 | 0.00 | 0.02 | 1022. |
| 1 JAN 0215 | 28 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1715 | 208 | 0.03 | 0.00 | 0.02 | 998. |
| 1 JAN 0220 | 29 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1720 | 209 | 0.02 | 0.00 | 0.02 | 976. |
| 1 JAN 0225 | 30 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1725 | 210 | 0.02 | 0.00 | 0.02 | 954. |
| 1 JAN 0230 | 31 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1730 | 211 | 0.03 | 0.00 | 0.02 | 933. |
| 1 JAN 0235 | 32 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1735 | 212 | 0.02 | 0.00 | 0.02 | 913. |
| 1 JAN 0240 | 33 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1740 | 213 | 0.02 | 0.00 | 0.02 | 894. |
| 1 JAN 0245 | 34 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1745 | 214 | 0.02 | 0.00 | 0.02 | 875. |
| 1 JAN 0250 | 35 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1750 | 215 | 0.02 | 0.00 | 0.02 | 858. |
| 1 JAN 0255 | 36 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1755 | 216 | 0.02 | 0.00 | 0.02 | 841. |
| 1 JAN 0300 | 37 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1800 | 217 | 0.02 | 0.00 | 0.02 | 825. |
| 1 JAN 0305 | 38 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1805 | 218 | 0.02 | 0.00 | 0.02 | 809. |
| 1 JAN 0310 | 39 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1810 | 219 | 0.02 | 0.00 | 0.02 | 795. |
| 1 JAN 0315 | 40 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1815 | 220 | 0.02 | 0.00 | 0.02 | 781. |
| 1 JAN 0320 | 41 | 0.02 | 0.02 | 0.00 | 0. | 1 JAN 1820 | 221 | 0.02 | 0.00 | 0.02 | 770. |
| 1 JAN 0325 | 42 | 0.02 | 0.02 | 0.00 | 1. | 1 JAN 1825 | 222 | 0.02 | 0.00 | 0.02 | 759. |
| 1 JAN 0330 | 43 | 0.02 | 0.01 | 0.00 | 1. | 1 JAN 1830 | 223 | 0.02 | 0.00 | 0.02 | 749. |
| 1 JAN 0335 | 44 | 0.02 | 0.02 | 0.00 | 1. | 1 JAN 1835 | 224 | 0.02 | 0.00 | 0.02 | 740. |
| 1 JAN 0340 | 45 | 0.02 | 0.02 | 0.00 | 2. | 1 JAN 1840 | 225 | 0.02 | 0.00 | 0.02 | 730. |
| 1 JAN 0345 | 46 | 0.02 | 0.01 | 0.00 | 3. | 1 JAN 1845 | 226 | 0.02 | 0.00 | 0.02 | 721. |
| 1 JAN 0350 | 47 | 0.02 | 0.01 | 0.00 | 4. | 1 JAN 1850 | 227 | 0.02 | 0.00 | 0.02 | 712. |
| 1 JAN 0355 | 48 | 0.02 | 0.02 | 0.00 | 5. | 1 JAN 1855 | 228 | 0.02 | 0.00 | 0.02 | 703. |
| 1 JAN 0400 | 49 | 0.02 | 0.01 | 0.00 | 7. | 1 JAN 1900 | 229 | 0.02 | 0.00 | 0.02 | 695. |
| 1 JAN 0405 | 50 | 0.02 | 0.01 | 0.00 | 9. | 1 JAN 1905 | 230 | 0.02 | 0.00 | 0.02 | 687. |
| 1 JAN 0410 | 51 | 0.02 | 0.01 | 0.00 | 11. | 1 JAN 1910 | 231 | 0.02 | 0.00 | 0.02 | 678. |
| 1 JAN 0415 | 52 | 0.02 | 0.01 | 0.00 | 13. | 1 JAN 1915 | 232 | 0.02 | 0.00 | 0.02 | 670. |
| 1 JAN 0420 | 53 | 0.02 | 0.02 | 0.00 | 16. | 1 JAN 1920 | 233 | 0.02 | 0.00 | 0.02 | 662. |
| 1 JAN 0425 | 54 | 0.02 | 0.01 | 0.00 | 19. | 1 JAN 1925 | 234 | 0.02 | 0.00 | 0.02 | 654. |
| 1 JAN 0430 | 55 | 0.02 | 0.01 | 0.00 | 23. | 1 JAN 1930 | 235 | 0.02 | 0.00 | 0.02 | 646. |
| 1 JAN 0435 | 56 | 0.02 | 0.01 | 0.00 | 26. | 1 JAN 1935 | 236 | 0.02 | 0.00 | 0.02 | 639. |
| 1 JAN 0440 | 57 | 0.02 | 0.01 | 0.00 | 30. | 1 JAN 1940 | 237 | 0.02 | 0.00 | 0.02 | 631. |
| 1 JAN 0445 | 58 | 0.02 | 0.01 | 0.00 | 34. | 1 JAN 1945 | 238 | 0.02 | 0.00 | 0.02 | 623. |
| 1 JAN 0450 | 59 | 0.02 | 0.01 | 0.00 | 38. | 1 JAN 1950 | 239 | 0.02 | 0.00 | 0.02 | 615. |
| 1 JAN 0455 | 60 | 0.02 | 0.01 | 0.01 | 43. | 1 JAN 1955 | 240 | 0.02 | 0.00 | 0.02 | 608. |
| 1 JAN 0500 | 61 | 0.02 | 0.01 | 0.01 | 48. | 1 JAN 2000 | 241 | 0.02 | 0.00 | 0.02 | 600. |
| 1 JAN 0505 | 62 | 0.02 | 0.01 | 0.01 | 53. | 1 JAN 2005 | 242 | 0.02 | 0.00 | 0.02 | 593. |
| 1 JAN 0510 | 63 | 0.02 | 0.01 | 0.01 | 58. | 1 JAN 2010 | 243 | 0.02 | 0.00 | 0.02 | 585. |
| 1 JAN 0515 | 64 | 0.02 | 0.01 | 0.01 | 63. | 1 JAN 2015 | 244 | 0.02 | 0.00 | 0.02 | 578. |
| 1 JAN 0520 | 65 | 0.02 | 0.01 | 0.01 | 68. | 1 JAN 2020 | 245 | 0.02 | 0.00 | 0.02 | 571. |
| 1 JAN 0525 | 66 | 0.02 | 0.01 | 0.01 | 74. | 1 JAN 2025 | 246 | 0.02 | 0.00 | 0.02 | 563. |
| 1 JAN 0530 | 67 | 0.02 | 0.01 | 0.01 | 79. | 1 JAN 2030 | 247 | 0.02 | 0.00 | 0.01 | 556. |
| 1 JAN 0535 | 68 | 0.02 | 0.01 | 0.01 | 85. | 1 JAN 2035 | 248 | 0.02 | 0.00 | 0.02 | 549. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0540 | 69 | 0.02 | 0.01 | 0.01 | 91. | * | 1 JAN 2040 | 249 | 0.02 | 0.00 | 0.02 | 542. |
| 1 JAN 0545 | 70 | 0.02 | 0.01 | 0.01 | 97. | * | 1 JAN 2045 | 250 | 0.02 | 0.00 | 0.02 | 535. |
| 1 JAN 0550 | 71 | 0.02 | 0.01 | 0.01 | 103. | * | 1 JAN 2050 | 251 | 0.02 | 0.00 | 0.02 | 529. |
| 1 JAN 0555 | 72 | 0.02 | 0.01 | 0.01 | 110. | * | 1 JAN 2055 | 252 | 0.02 | 0.00 | 0.02 | 522. |
| 1 JAN 0600 | 73 | 0.02 | 0.01 | 0.01 | 116. | * | 1 JAN 2100 | 253 | 0.02 | 0.00 | 0.02 | 516. |
| 1 JAN 0605 | 74 | 0.02 | 0.01 | 0.01 | 123. | * | 1 JAN 2105 | 254 | 0.02 | 0.00 | 0.01 | 510. |
| 1 JAN 0610 | 75 | 0.02 | 0.01 | 0.01 | 129. | * | 1 JAN 2110 | 255 | 0.02 | 0.00 | 0.01 | 505. |
| 1 JAN 0615 | 76 | 0.02 | 0.01 | 0.01 | 136. | * | 1 JAN 2115 | 256 | 0.02 | 0.00 | 0.02 | 500. |
| 1 JAN 0620 | 77 | 0.02 | 0.01 | 0.01 | 143. | * | 1 JAN 2120 | 257 | 0.02 | 0.00 | 0.02 | 495. |
| 1 JAN 0625 | 78 | 0.02 | 0.01 | 0.01 | 150. | * | 1 JAN 2125 | 258 | 0.02 | 0.00 | 0.01 | 490. |
| 1 JAN 0630 | 79 | 0.02 | 0.01 | 0.01 | 157. | * | 1 JAN 2130 | 259 | 0.02 | 0.00 | 0.01 | 485. |
| 1 JAN 0635 | 80 | 0.03 | 0.01 | 0.01 | 164. | * | 1 JAN 2135 | 260 | 0.02 | 0.00 | 0.02 | 481. |
| 1 JAN 0640 | 81 | 0.02 | 0.01 | 0.01 | 171. | * | 1 JAN 2140 | 261 | 0.02 | 0.00 | 0.01 | 477. |
| 1 JAN 0645 | 82 | 0.02 | 0.01 | 0.01 | 178. | * | 1 JAN 2145 | 262 | 0.02 | 0.00 | 0.01 | 474. |
| 1 JAN 0650 | 83 | 0.02 | 0.01 | 0.01 | 185. | * | 1 JAN 2150 | 263 | 0.02 | 0.00 | 0.01 | 470. |
| 1 JAN 0655 | 84 | 0.03 | 0.01 | 0.01 | 192. | * | 1 JAN 2155 | 264 | 0.02 | 0.00 | 0.01 | 467. |
| 1 JAN 0700 | 85 | 0.03 | 0.01 | 0.01 | 200. | * | 1 JAN 2200 | 265 | 0.02 | 0.00 | 0.01 | 464. |
| 1 JAN 0705 | 86 | 0.03 | 0.01 | 0.01 | 207. | * | 1 JAN 2205 | 266 | 0.02 | 0.00 | 0.01 | 461. |
| 1 JAN 0710 | 87 | 0.03 | 0.01 | 0.01 | 215. | * | 1 JAN 2210 | 267 | 0.02 | 0.00 | 0.01 | 458. |
| 1 JAN 0715 | 88 | 0.03 | 0.01 | 0.01 | 222. | * | 1 JAN 2215 | 268 | 0.02 | 0.00 | 0.01 | 456. |
| 1 JAN 0720 | 89 | 0.03 | 0.01 | 0.01 | 230. | * | 1 JAN 2220 | 269 | 0.02 | 0.00 | 0.01 | 454. |
| 1 JAN 0725 | 90 | 0.03 | 0.01 | 0.01 | 238. | * | 1 JAN 2225 | 270 | 0.01 | 0.00 | 0.01 | 451. |
| 1 JAN 0730 | 91 | 0.03 | 0.01 | 0.01 | 245. | * | 1 JAN 2230 | 271 | 0.01 | 0.00 | 0.01 | 449. |
| 1 JAN 0735 | 92 | 0.03 | 0.01 | 0.01 | 253. | * | 1 JAN 2235 | 272 | 0.02 | 0.00 | 0.01 | 447. |
| 1 JAN 0740 | 93 | 0.03 | 0.01 | 0.01 | 261. | * | 1 JAN 2240 | 273 | 0.02 | 0.00 | 0.01 | 445. |
| 1 JAN 0745 | 94 | 0.03 | 0.01 | 0.01 | 269. | * | 1 JAN 2245 | 274 | 0.01 | 0.00 | 0.01 | 443. |
| 1 JAN 0750 | 95 | 0.03 | 0.01 | 0.01 | 276. | * | 1 JAN 2250 | 275 | 0.01 | 0.00 | 0.01 | 441. |
| 1 JAN 0755 | 96 | 0.03 | 0.01 | 0.02 | 284. | * | 1 JAN 2255 | 276 | 0.02 | 0.00 | 0.01 | 439. |
| 1 JAN 0800 | 97 | 0.03 | 0.01 | 0.02 | 292. | * | 1 JAN 2300 | 277 | 0.02 | 0.00 | 0.01 | 437. |
| 1 JAN 0805 | 98 | 0.03 | 0.01 | 0.02 | 300. | * | 1 JAN 2305 | 278 | 0.01 | 0.00 | 0.01 | 435. |
| 1 JAN 0810 | 99 | 0.03 | 0.01 | 0.02 | 308. | * | 1 JAN 2310 | 279 | 0.01 | 0.00 | 0.01 | 433. |
| 1 JAN 0815 | 100 | 0.03 | 0.01 | 0.02 | 317. | * | 1 JAN 2315 | 280 | 0.01 | 0.00 | 0.01 | 431. |
| 1 JAN 0820 | 101 | 0.03 | 0.01 | 0.02 | 325. | * | 1 JAN 2320 | 281 | 0.01 | 0.00 | 0.01 | 429. |
| 1 JAN 0825 | 102 | 0.03 | 0.01 | 0.02 | 333. | * | 1 JAN 2325 | 282 | 0.01 | 0.00 | 0.01 | 428. |
| 1 JAN 0830 | 103 | 0.03 | 0.01 | 0.02 | 342. | * | 1 JAN 2330 | 283 | 0.01 | 0.00 | 0.01 | 426. |
| 1 JAN 0835 | 104 | 0.03 | 0.01 | 0.02 | 351. | * | 1 JAN 2335 | 284 | 0.02 | 0.00 | 0.01 | 424. |
| 1 JAN 0840 | 105 | 0.04 | 0.01 | 0.02 | 360. | * | 1 JAN 2340 | 285 | 0.01 | 0.00 | 0.01 | 423. |
| 1 JAN 0845 | 106 | 0.04 | 0.01 | 0.02 | 370. | * | 1 JAN 2345 | 286 | 0.01 | 0.00 | 0.01 | 421. |
| 1 JAN 0850 | 107 | 0.04 | 0.01 | 0.02 | 380. | * | 1 JAN 2350 | 287 | 0.01 | 0.00 | 0.01 | 420. |
| 1 JAN 0855 | 108 | 0.04 | 0.01 | 0.02 | 390. | * | 1 JAN 2355 | 288 | 0.01 | 0.00 | 0.01 | 418. |
| 1 JAN 0900 | 109 | 0.04 | 0.01 | 0.03 | 402. | * | 2 JAN 0000 | 289 | 0.01 | 0.00 | 0.01 | 416. |
| 1 JAN 0905 | 110 | 0.04 | 0.01 | 0.03 | 414. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 414. |
| 1 JAN 0910 | 111 | 0.04 | 0.01 | 0.03 | 427. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 412. |
| 1 JAN 0915 | 112 | 0.04 | 0.01 | 0.03 | 441. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 409. |
| 1 JAN 0920 | 113 | 0.04 | 0.01 | 0.03 | 455. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 404. |
| 1 JAN 0925 | 114 | 0.04 | 0.01 | 0.03 | 470. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 399. |
| 1 JAN 0930 | 115 | 0.04 | 0.01 | 0.03 | 486. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 392. |
| 1 JAN 0935 | 116 | 0.04 | 0.01 | 0.03 | 502. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 383. |
| 1 JAN 0940 | 117 | 0.04 | 0.01 | 0.03 | 518. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 372. |
| 1 JAN 0945 | 118 | 0.04 | 0.01 | 0.03 | 535. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 359. |
| 1 JAN 0950 | 119 | 0.05 | 0.01 | 0.03 | 552. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 344. |
| 1 JAN 0955 | 120 | 0.05 | 0.01 | 0.03 | 570. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 327. |
| 1 JAN 1000 | 121 | 0.05 | 0.01 | 0.04 | 587. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 309. |
| 1 JAN 1005 | 122 | 0.05 | 0.01 | 0.04 | 605. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 289. |
| 1 JAN 1010 | 123 | 0.05 | 0.01 | 0.04 | 624. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 270. |
| 1 JAN 1015 | 124 | 0.06 | 0.02 | 0.04 | 642. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 250. |
| 1 JAN 1020 | 125 | 0.06 | 0.02 | 0.04 | 662. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 231. |
| 1 JAN 1025 | 126 | 0.06 | 0.02 | 0.05 | 683. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 211. |
| 1 JAN 1030 | 127 | 0.06 | 0.02 | 0.05 | 704. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 193. |
| 1 JAN 1035 | 128 | 0.07 | 0.02 | 0.05 | 727. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 175. |
| 1 JAN 1040 | 129 | 0.07 | 0.02 | 0.06 | 752. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 158. |
| 1 JAN 1045 | 130 | 0.08 | 0.02 | 0.06 | 779. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 142. |
| 1 JAN 1050 | 131 | 0.08 | 0.02 | 0.06 | 807. | * | 2 JAN 0150 | 311 | 0.00 | 0.00 | 0.00 | 128. |
| 1 JAN 1055 | 132 | 0.08 | 0.02 | 0.07 | 838. | * | 2 JAN 0155 | 312 | 0.00 | 0.00 | 0.00 | 114. |
| 1 JAN 1100 | 133 | 0.09 | 0.02 | 0.07 | 872. | * | 2 JAN 0200 | 313 | 0.00 | 0.00 | 0.00 | 102. |
| 1 JAN 1105 | 134 | 0.10 | 0.02 | 0.08 | 909. | * | 2 JAN 0205 | 314 | 0.00 | 0.00 | 0.00 | 92. |
| 1 JAN 1110 | 135 | 0.11 | 0.02 | 0.09 | 949. | * | 2 JAN 0210 | 315 | 0.00 | 0.00 | 0.00 | 82. |
| 1 JAN 1115 | 136 | 0.12 | 0.02 | 0.09 | 993. | * | 2 JAN 0215 | 316 | 0.00 | 0.00 | 0.00 | 74. |
| 1 JAN 1120 | 137 | 0.13 | 0.02 | 0.10 | 1042. | * | 2 JAN 0220 | 317 | 0.00 | 0.00 | 0.00 | 67. |
| 1 JAN 1125 | 138 | 0.14 | 0.02 | 0.11 | 1095. | * | 2 JAN 0225 | 318 | 0.00 | 0.00 | 0.00 | 60. |
| 1 JAN 1130 | 139 | 0.14 | 0.02 | 0.12 | 1154. | * | 2 JAN 0230 | 319 | 0.00 | 0.00 | 0.00 | 54. |
| 1 JAN 1135 | 140 | 0.30 | 0.05 | 0.25 | 1223. | * | 2 JAN 0235 | 320 | 0.00 | 0.00 | 0.00 | 49. |
| 1 JAN 1140 | 141 | 0.54 | 0.07 | 0.47 | 1310. | * | 2 JAN 0240 | 321 | 0.00 | 0.00 | 0.00 | 44. |
| 1 JAN 1145 | 142 | 0.81 | 0.09 | 0.72 | 1427. | * | 2 JAN 0245 | 322 | 0.00 | 0.00 | 0.00 | 39. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 1150 | 143 | 1.26 | 0.11 | 1.16 | 1599. | * | 2 JAN 0250 | 323 | 0.00 | 0.00 | 0.00 | 35. |
| 1 JAN 1155 | 144 | 1.62 | 0.10 | 1.51 | 1850. | * | 2 JAN 0255 | 324 | 0.00 | 0.00 | 0.00 | 32. |
| 1 JAN 1200 | 145 | 1.19 | 0.06 | 1.14 | 2193. | * | 2 JAN 0300 | 325 | 0.00 | 0.00 | 0.00 | 28. |
| 1 JAN 1205 | 146 | 0.24 | 0.01 | 0.23 | 2622. | * | 2 JAN 0305 | 326 | 0.00 | 0.00 | 0.00 | 26. |
| 1 JAN 1210 | 147 | 0.21 | 0.01 | 0.21 | 3136. | * | 2 JAN 0310 | 327 | 0.00 | 0.00 | 0.00 | 23. |
| 1 JAN 1215 | 148 | 0.19 | 0.01 | 0.18 | 3732. | * | 2 JAN 0315 | 328 | 0.00 | 0.00 | 0.00 | 21. |
| 1 JAN 1220 | 149 | 0.17 | 0.01 | 0.16 | 4414. | * | 2 JAN 0320 | 329 | 0.00 | 0.00 | 0.00 | 19. |
| 1 JAN 1225 | 150 | 0.15 | 0.01 | 0.14 | 5175. | * | 2 JAN 0325 | 330 | 0.00 | 0.00 | 0.00 | 17. |
| 1 JAN 1230 | 151 | 0.12 | 0.00 | 0.12 | 5986. | * | 2 JAN 0330 | 331 | 0.00 | 0.00 | 0.00 | 15. |
| 1 JAN 1235 | 152 | 0.11 | 0.00 | 0.10 | 6794. | * | 2 JAN 0335 | 332 | 0.00 | 0.00 | 0.00 | 13. |
| 1 JAN 1240 | 153 | 0.10 | 0.00 | 0.10 | 7543. | * | 2 JAN 0340 | 333 | 0.00 | 0.00 | 0.00 | 12. |
| 1 JAN 1245 | 154 | 0.10 | 0.00 | 0.09 | 8182. | * | 2 JAN 0345 | 334 | 0.00 | 0.00 | 0.00 | 11. |
| 1 JAN 1250 | 155 | 0.09 | 0.00 | 0.09 | 8691. | * | 2 JAN 0350 | 335 | 0.00 | 0.00 | 0.00 | 10. |
| 1 JAN 1255 | 156 | 0.08 | 0.00 | 0.08 | 9062. | * | 2 JAN 0355 | 336 | 0.00 | 0.00 | 0.00 | 9. |
| 1 JAN 1300 | 157 | 0.08 | 0.00 | 0.08 | 9303. | * | 2 JAN 0400 | 337 | 0.00 | 0.00 | 0.00 | 8. |
| 1 JAN 1305 | 158 | 0.08 | 0.00 | 0.07 | 9418. | * | 2 JAN 0405 | 338 | 0.00 | 0.00 | 0.00 | 7. |
| 1 JAN 1310 | 159 | 0.07 | 0.00 | 0.07 | 9419. | * | 2 JAN 0410 | 339 | 0.00 | 0.00 | 0.00 | 6. |
| 1 JAN 1315 | 160 | 0.07 | 0.00 | 0.07 | 9325. | * | 2 JAN 0415 | 340 | 0.00 | 0.00 | 0.00 | 5. |
| 1 JAN 1320 | 161 | 0.07 | 0.00 | 0.06 | 9128. | * | 2 JAN 0420 | 341 | 0.00 | 0.00 | 0.00 | 5. |
| 1 JAN 1325 | 162 | 0.06 | 0.00 | 0.06 | 8849. | * | 2 JAN 0425 | 342 | 0.00 | 0.00 | 0.00 | 4. |
| 1 JAN 1330 | 163 | 0.06 | 0.00 | 0.06 | 8520. | * | 2 JAN 0430 | 343 | 0.00 | 0.00 | 0.00 | 4. |
| 1 JAN 1335 | 164 | 0.06 | 0.00 | 0.06 | 8138. | * | 2 JAN 0435 | 344 | 0.00 | 0.00 | 0.00 | 3. |
| 1 JAN 1340 | 165 | 0.06 | 0.00 | 0.05 | 7706. | * | 2 JAN 0440 | 345 | 0.00 | 0.00 | 0.00 | 3. |
| 1 JAN 1345 | 166 | 0.05 | 0.00 | 0.05 | 7231. | * | 2 JAN 0445 | 346 | 0.00 | 0.00 | 0.00 | 3. |
| 1 JAN 1350 | 167 | 0.05 | 0.00 | 0.05 | 6731. | * | 2 JAN 0450 | 347 | 0.00 | 0.00 | 0.00 | 2. |
| 1 JAN 1355 | 168 | 0.05 | 0.00 | 0.05 | 6240. | * | 2 JAN 0455 | 348 | 0.00 | 0.00 | 0.00 | 2. |
| 1 JAN 1400 | 169 | 0.05 | 0.00 | 0.05 | 5790. | * | 2 JAN 0500 | 349 | 0.00 | 0.00 | 0.00 | 2. |
| 1 JAN 1405 | 170 | 0.05 | 0.00 | 0.05 | 5391. | * | 2 JAN 0505 | 350 | 0.00 | 0.00 | 0.00 | 2. |
| 1 JAN 1410 | 171 | 0.05 | 0.00 | 0.04 | 5035. | * | 2 JAN 0510 | 351 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 1415 | 172 | 0.04 | 0.00 | 0.04 | 4709. | * | 2 JAN 0515 | 352 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 1420 | 173 | 0.04 | 0.00 | 0.04 | 4412. | * | 2 JAN 0520 | 353 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 1425 | 174 | 0.04 | 0.00 | 0.04 | 4142. | * | 2 JAN 0525 | 354 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 1430 | 175 | 0.04 | 0.00 | 0.04 | 3896. | * | 2 JAN 0530 | 355 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 1435 | 176 | 0.04 | 0.00 | 0.04 | 3668. | * | 2 JAN 0535 | 356 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 1440 | 177 | 0.04 | 0.00 | 0.04 | 3452. | * | 2 JAN 0540 | 357 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1445 | 178 | 0.04 | 0.00 | 0.04 | 3250. | * | 2 JAN 0545 | 358 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1450 | 179 | 0.04 | 0.00 | 0.04 | 3061. | * | 2 JAN 0550 | 359 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1455 | 180 | 0.04 | 0.00 | 0.04 | 2887. | * | 2 JAN 0555 | 360 | 0.00 | 0.00 | 0.00 | 0. |
| | | | | * | | | | | | | | |

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TOTAL RAINFALL = 15.07, TOTAL LOSS = 2.63, TOTAL EXCESS = 12.44

| PEAK FLOW | TIME | MAXIMUM AVERAGE FLOW | | | |
|---|---|---|---|---|---|
| | | 6-HR | 24-HR | 72-HR | 29.92-HR |
| + (CFS) | (HR) | | | | |
| | (CFS) | | | | |
| + 9419. | 13.17 | 3793. | 1237. | 993. | 993. |
| | (INCHES) | 9.529 | 12.433 | 12.436 | 12.436 |
| | (AC-FT) | 1881. | 2454. | 2454. | 2454. |

CUMULATIVE AREA = 3.70 SQ MI

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

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     **************
     *            *
108 KK   *   9BPMP  *
     *            *
     **************
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109 KO OUTPUT CONTROL VARIABLES

| | | |
|---|---|---|
| IPRNT | 0 | PRINT CONTROL |
| IPLOT | 0 | PLOT CONTROL |
| QSCAL | 0. | HYDROGRAPH PLOT SCALE |
| IPNCH | 1 | PUNCH COMPUTED HYDROGRAPH |
| IOUT | 22 | SAVE HYDROGRAPH ON THIS UNIT |
| ISAV1 | 1 | FIRST ORDINATE PUNCHED OR SAVED |
| ISAV2 | 360 | LAST ORDINATE PUNCHED OR SAVED |
| TIMINT | 0.083 | TIME INTERVAL IN HOURS |

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112 IN      TIME DATA FOR INPUT TIME SERIES
            JXMIN      6 TIME INTERVAL IN MINUTES
            JXDATE   1JAN94 STARTING DATE
            JXTIME     0 STARTING TIME

        SUBBASIN RUNOFF DATA

110 BA      SUBBASIN CHARACTERISTICS
            TAREA,    18.66 SUBBASIN AREA

        PRECIPITATION DATA

111 PB          STORM    13.67 BASIN TOTAL PRECIPITATION

113 PI      INCREMENTAL PRECIPITATION PATTERN
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.01  0.01
            0.01  0.01  0.01  0.01  0.01  0.01  0.01  0.01  0.02  0.04
            0.05  0.08  0.11  0.08  0.02  0.01  0.01  0.01  0.01  0.01
            0.01  0.01  0.01  0.01  0.01  0.01  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00
            0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00

138 LS      SCS LOSS RATE
            STRTL     0.50 INITIAL ABSTRACTION
            CRVNBR   80.00 CURVE NUMBER
            RTIMP     0.00 PERCENT IMPERVIOUS AREA

139 UD      SCS DIMENSIONLESS UNITGRAPH
            TLAG      3.43 LAG

                          ***

                     UNIT HYDROGRAPH
                 208 END-OF-PERIOD ORDINATES
     19.   37.   56.   75.  114.  158.  201.  245.  297.  353.
    409.  465.  531.  606.  680.  755.  838.  938. 1038. 1137.
   1240. 1359. 1477. 1595. 1714. 1813. 1913. 2013. 2112. 2186.
   2255. 2323. 2392. 2439. 2477. 2514. 2552. 2573. 2580. 2586.
   2592. 2594. 2588. 2582. 2575. 2564. 2526. 2489. 2452. 2414.
   2371. 2327. 2283. 2240. 2191. 2141. 2091. 2041. 1983. 1921.
   1859. 1796. 1728. 1653. 1578. 1503. 1433. 1370. 1308. 1246.
   1187. 1143. 1100. 1056. 1012.  975.  938.  900.  863.  831.
    799.  768.  737.  712.  689.  666.  643.  621.  598.  575.
    552.  531.  512.  494.  475.  456.  438.  419.  400.  382.
    369.  357.  344.  332.  319.  307.  294.  282.  271.  262.
    253.  243.  234.  225.  215.  206.  198.  191.  184.  177.
    170.  163.  156.  150.  143.  138.  133.  129.  124.  119.
    115.  110.  105.  102.   98.   95.   91.   88.   84.   81.
     78.   74.   72.   69.   67.   64.   62.   59.   57.   54.
     53.   51.   49.   47.   45.   43.   41.   40.   38.   37.
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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 36. | 34. | 33. | 32. | 31. | 29. | 28. | 28. | 27. | 26. |
| 25. | 25. | 24. | 23. | 22. | 22. | 21. | 20. | 19. | 19. |
| 18. | 17. | 16. | 16. | 15. | 14. | 13. | 13. | 12. | 11. |
| 11. | 10. | 10. | 9. | 8. | 8. | 7. | 6. | 6. | 5. |
| 5. | 4. | 3. | 3. | 2. | 1. | 1. | 0. | | |

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HYDROGRAPH AT STATION 9BPMP

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| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | * | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | * | 1 JAN 1500 | 181 | 0.03 | 0.00 | 0.03 | 19409. |
| 1 JAN 0005 | 2 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1505 | 182 | 0.03 | 0.00 | 0.03 | 19551. |
| 1 JAN 0010 | 3 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1510 | 183 | 0.03 | 0.00 | 0.03 | 19662. |
| 1 JAN 0015 | 4 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1515 | 184 | 0.03 | 0.00 | 0.03 | 19752. |
| 1 JAN 0020 | 5 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1520 | 185 | 0.03 | 0.00 | 0.03 | 19815. |
| 1 JAN 0025 | 6 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1525 | 186 | 0.03 | 0.00 | 0.03 | 19848. |
| 1 JAN 0030 | 7 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1530 | 187 | 0.03 | 0.00 | 0.03 | 19852. |
| 1 JAN 0035 | 8 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1535 | 188 | 0.03 | 0.00 | 0.03 | 19825. |
| 1 JAN 0040 | 9 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1540 | 189 | 0.03 | 0.00 | 0.03 | 19758. |
| 1 JAN 0045 | 10 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1545 | 190 | 0.03 | 0.00 | 0.03 | 19642. |
| 1 JAN 0050 | 11 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1550 | 191 | 0.03 | 0.00 | 0.03 | 19491. |
| 1 JAN 0055 | 12 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1555 | 192 | 0.03 | 0.00 | 0.03 | 19325. |
| 1 JAN 0100 | 13 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1600 | 193 | 0.03 | 0.00 | 0.03 | 19143. |
| 1 JAN 0105 | 14 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1605 | 194 | 0.03 | 0.00 | 0.03 | 18942. |
| 1 JAN 0110 | 15 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1610 | 195 | 0.03 | 0.00 | 0.02 | 18724. |
| 1 JAN 0115 | 16 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1615 | 196 | 0.03 | 0.00 | 0.02 | 18494. |
| 1 JAN 0120 | 17 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1620 | 197 | 0.03 | 0.00 | 0.02 | 18251. |
| 1 JAN 0125 | 18 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1625 | 198 | 0.03 | 0.00 | 0.02 | 17993. |
| 1 JAN 0130 | 19 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1630 | 199 | 0.03 | 0.00 | 0.02 | 17718. |
| 1 JAN 0135 | 20 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1635 | 200 | 0.02 | 0.00 | 0.02 | 17430. |
| 1 JAN 0140 | 21 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1640 | 201 | 0.02 | 0.00 | 0.02 | 17125. |
| 1 JAN 0145 | 22 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1645 | 202 | 0.02 | 0.00 | 0.02 | 16799. |
| 1 JAN 0150 | 23 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1650 | 203 | 0.02 | 0.00 | 0.02 | 16453. |
| 1 JAN 0155 | 24 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1655 | 204 | 0.02 | 0.00 | 0.02 | 16093. |
| 1 JAN 0200 | 25 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1700 | 205 | 0.02 | 0.00 | 0.02 | 15718. |
| 1 JAN 0205 | 26 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1705 | 206 | 0.02 | 0.00 | 0.02 | 15326. |
| 1 JAN 0210 | 27 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1710 | 207 | 0.02 | 0.00 | 0.02 | 14919. |
| 1 JAN 0215 | 28 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1715 | 208 | 0.02 | 0.00 | 0.02 | 14507. |
| 1 JAN 0220 | 29 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1720 | 209 | 0.02 | 0.00 | 0.02 | 14101. |
| 1 JAN 0225 | 30 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1725 | 210 | 0.02 | 0.00 | 0.02 | 13705. |
| 1 JAN 0230 | 31 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1730 | 211 | 0.02 | 0.00 | 0.02 | 13324. |
| 1 JAN 0235 | 32 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1735 | 212 | 0.02 | 0.00 | 0.02 | 12957. |
| 1 JAN 0240 | 33 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1740 | 213 | 0.02 | 0.00 | 0.02 | 12601. |
| 1 JAN 0245 | 34 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1745 | 214 | 0.02 | 0.00 | 0.02 | 12264. |
| 1 JAN 0250 | 35 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1750 | 215 | 0.02 | 0.00 | 0.02 | 11950. |
| 1 JAN 0255 | 36 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1755 | 216 | 0.02 | 0.00 | 0.02 | 11654. |
| 1 JAN 0300 | 37 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1800 | 217 | 0.02 | 0.00 | 0.02 | 11364. |
| 1 JAN 0305 | 38 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1805 | 218 | 0.02 | 0.00 | 0.02 | 11082. |
| 1 JAN 0310 | 39 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1810 | 219 | 0.02 | 0.00 | 0.02 | 10811. |
| 1 JAN 0315 | 40 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1815 | 220 | 0.02 | 0.00 | 0.02 | 10549. |
| 1 JAN 0320 | 41 | 0.02 | 0.01 | 0.00 | 0. | * | 1 JAN 1820 | 221 | 0.02 | 0.00 | 0.02 | 10292. |
| 1 JAN 0325 | 42 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1825 | 222 | 0.02 | 0.00 | 0.02 | 10043. |
| 1 JAN 0330 | 43 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1830 | 223 | 0.02 | 0.00 | 0.02 | 9804. |
| 1 JAN 0335 | 44 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1835 | 224 | 0.02 | 0.00 | 0.02 | 9575. |
| 1 JAN 0340 | 45 | 0.02 | 0.01 | 0.00 | 0. | * | 1 JAN 1840 | 225 | 0.02 | 0.00 | 0.02 | 9353. |
| 1 JAN 0345 | 46 | 0.02 | 0.01 | 0.00 | 0. | * | 1 JAN 1845 | 226 | 0.02 | 0.00 | 0.02 | 9140. |
| 1 JAN 0350 | 47 | 0.02 | 0.01 | 0.00 | 0. | * | 1 JAN 1850 | 227 | 0.02 | 0.00 | 0.02 | 8938. |
| 1 JAN 0355 | 48 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1855 | 228 | 0.02 | 0.00 | 0.02 | 8747. |
| 1 JAN 0400 | 49 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1900 | 229 | 0.02 | 0.00 | 0.02 | 8561. |
| 1 JAN 0405 | 50 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1905 | 230 | 0.02 | 0.00 | 0.02 | 8376. |
| 1 JAN 0410 | 51 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1910 | 231 | 0.02 | 0.00 | 0.02 | 8195. |
| 1 JAN 0415 | 52 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1915 | 232 | 0.02 | 0.00 | 0.02 | 8015. |
| 1 JAN 0420 | 53 | 0.02 | 0.01 | 0.00 | 3. | * | 1 JAN 1920 | 233 | 0.02 | 0.00 | 0.02 | 7839. |
| 1 JAN 0425 | 54 | 0.02 | 0.01 | 0.00 | 3. | * | 1 JAN 1925 | 234 | 0.02 | 0.00 | 0.02 | 7667. |
| 1 JAN 0430 | 55 | 0.02 | 0.01 | 0.00 | 4. | * | 1 JAN 1930 | 235 | 0.02 | 0.00 | 0.02 | 7501. |
| 1 JAN 0435 | 56 | 0.02 | 0.01 | 0.00 | 5. | * | 1 JAN 1935 | 236 | 0.02 | 0.00 | 0.02 | 7341. |
| 1 JAN 0440 | 57 | 0.02 | 0.01 | 0.00 | 6. | * | 1 JAN 1940 | 237 | 0.02 | 0.00 | 0.02 | 7184. |
| 1 JAN 0445 | 58 | 0.02 | 0.01 | 0.00 | 8. | * | 1 JAN 1945 | 238 | 0.02 | 0.00 | 0.02 | 7029. |
| 1 JAN 0450 | 59 | 0.02 | 0.01 | 0.00 | 9. | * | 1 JAN 1950 | 239 | 0.02 | 0.00 | 0.02 | 6876. |
| 1 JAN 0455 | 60 | 0.02 | 0.01 | 0.00 | 11. | * | 1 JAN 1955 | 240 | 0.01 | 0.00 | 0.01 | 6725. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0500 | 61 | 0.02 | 0.01 | 0.00 | 13. | * | 1 JAN 2000 | 241 | 0.01 | 0.00 | 0.01 | 6577. |
| 1 JAN 0505 | 62 | 0.02 | 0.01 | 0.00 | 15. | * | 1 JAN 2005 | 242 | 0.01 | 0.00 | 0.01 | 6434. |
| 1 JAN 0510 | 63 | 0.02 | 0.01 | 0.00 | 18. | * | 1 JAN 2010 | 243 | 0.01 | 0.00 | 0.01 | 6298. |
| 1 JAN 0515 | 64 | 0.02 | 0.01 | 0.00 | 21. | * | 1 JAN 2015 | 244 | 0.01 | 0.00 | 0.01 | 6170. |
| 1 JAN 0520 | 65 | 0.02 | 0.01 | 0.01 | 24. | * | 1 JAN 2020 | 245 | 0.01 | 0.00 | 0.01 | 6050. |
| 1 JAN 0525 | 66 | 0.02 | 0.01 | 0.01 | 28. | * | 1 JAN 2025 | 246 | 0.01 | 0.00 | 0.01 | 5931. |
| 1 JAN 0530 | 67 | 0.02 | 0.01 | 0.01 | 32. | * | 1 JAN 2030 | 247 | 0.01 | 0.00 | 0.01 | 5814. |
| 1 JAN 0535 | 68 | 0.02 | 0.01 | 0.01 | 36. | * | 1 JAN 2035 | 248 | 0.01 | 0.00 | 0.01 | 5698. |
| 1 JAN 0540 | 69 | 0.02 | 0.01 | 0.01 | 41. | * | 1 JAN 2040 | 249 | 0.01 | 0.00 | 0.01 | 5585. |
| 1 JAN 0545 | 70 | 0.02 | 0.01 | 0.01 | 46. | * | 1 JAN 2045 | 250 | 0.01 | 0.00 | 0.01 | 5474. |
| 1 JAN 0550 | 71 | 0.02 | 0.01 | 0.01 | 52. | * | 1 JAN 2050 | 251 | 0.01 | 0.00 | 0.01 | 5367. |
| 1 JAN 0555 | 72 | 0.02 | 0.01 | 0.01 | 58. | * | 1 JAN 2055 | 252 | 0.01 | 0.00 | 0.01 | 5264. |
| 1 JAN 0600 | 73 | 0.02 | 0.01 | 0.01 | 65. | * | 1 JAN 2100 | 253 | 0.01 | 0.00 | 0.01 | 5166. |
| 1 JAN 0605 | 74 | 0.02 | 0.01 | 0.01 | 72. | * | 1 JAN 2105 | 254 | 0.01 | 0.00 | 0.01 | 5069. |
| 1 JAN 0610 | 75 | 0.02 | 0.01 | 0.01 | 80. | * | 1 JAN 2110 | 255 | 0.01 | 0.00 | 0.01 | 4974. |
| 1 JAN 0615 | 76 | 0.02 | 0.01 | 0.01 | 88. | * | 1 JAN 2115 | 256 | 0.01 | 0.00 | 0.01 | 4881. |
| 1 JAN 0620 | 77 | 0.02 | 0.01 | 0.01 | 97. | * | 1 JAN 2120 | 257 | 0.01 | 0.00 | 0.01 | 4788. |
| 1 JAN 0625 | 78 | 0.02 | 0.01 | 0.01 | 106. | * | 1 JAN 2125 | 258 | 0.01 | 0.00 | 0.01 | 4698. |
| 1 JAN 0630 | 79 | 0.02 | 0.01 | 0.01 | 116. | * | 1 JAN 2130 | 259 | 0.01 | 0.00 | 0.01 | 4610. |
| 1 JAN 0635 | 80 | 0.02 | 0.01 | 0.01 | 126. | * | 1 JAN 2135 | 260 | 0.01 | 0.00 | 0.01 | 4526. |
| 1 JAN 0640 | 81 | 0.02 | 0.01 | 0.01 | 137. | * | 1 JAN 2140 | 261 | 0.01 | 0.00 | 0.01 | 4446. |
| 1 JAN 0645 | 82 | 0.02 | 0.01 | 0.01 | 148. | * | 1 JAN 2145 | 262 | 0.01 | 0.00 | 0.01 | 4368. |
| 1 JAN 0650 | 83 | 0.02 | 0.01 | 0.01 | 161. | * | 1 JAN 2150 | 263 | 0.01 | 0.00 | 0.01 | 4291. |
| 1 JAN 0655 | 84 | 0.02 | 0.01 | 0.01 | 173. | * | 1 JAN 2155 | 264 | 0.01 | 0.00 | 0.01 | 4215. |
| 1 JAN 0700 | 85 | 0.02 | 0.01 | 0.01 | 186. | * | 1 JAN 2200 | 265 | 0.01 | 0.00 | 0.01 | 4140. |
| 1 JAN 0705 | 86 | 0.02 | 0.01 | 0.01 | 200. | * | 1 JAN 2205 | 266 | 0.01 | 0.00 | 0.01 | 4067. |
| 1 JAN 0710 | 87 | 0.02 | 0.01 | 0.01 | 215. | * | 1 JAN 2210 | 267 | 0.01 | 0.00 | 0.01 | 3996. |
| 1 JAN 0715 | 88 | 0.02 | 0.01 | 0.01 | 230. | * | 1 JAN 2215 | 268 | 0.01 | 0.00 | 0.01 | 3928. |
| 1 JAN 0720 | 89 | 0.02 | 0.01 | 0.01 | 245. | * | 1 JAN 2220 | 269 | 0.01 | 0.00 | 0.01 | 3863. |
| 1 JAN 0725 | 90 | 0.02 | 0.01 | 0.01 | 261. | * | 1 JAN 2225 | 270 | 0.01 | 0.00 | 0.01 | 3802. |
| 1 JAN 0730 | 91 | 0.02 | 0.01 | 0.01 | 278. | * | 1 JAN 2230 | 271 | 0.01 | 0.00 | 0.01 | 3741. |
| 1 JAN 0735 | 92 | 0.02 | 0.01 | 0.01 | 295. | * | 1 JAN 2235 | 272 | 0.01 | 0.00 | 0.01 | 3682. |
| 1 JAN 0740 | 93 | 0.02 | 0.01 | 0.01 | 313. | * | 1 JAN 2240 | 273 | 0.01 | 0.00 | 0.01 | 3623. |
| 1 JAN 0745 | 94 | 0.02 | 0.01 | 0.01 | 331. | * | 1 JAN 2245 | 274 | 0.01 | 0.00 | 0.01 | 3566. |
| 1 JAN 0750 | 95 | 0.02 | 0.01 | 0.01 | 350. | * | 1 JAN 2250 | 275 | 0.01 | 0.00 | 0.01 | 3510. |
| 1 JAN 0755 | 96 | 0.03 | 0.01 | 0.01 | 370. | * | 1 JAN 2255 | 276 | 0.01 | 0.00 | 0.01 | 3456. |
| 1 JAN 0800 | 97 | 0.03 | 0.01 | 0.01 | 390. | * | 1 JAN 2300 | 277 | 0.01 | 0.00 | 0.01 | 3404. |
| 1 JAN 0805 | 98 | 0.03 | 0.01 | 0.01 | 410. | * | 1 JAN 2305 | 278 | 0.01 | 0.00 | 0.01 | 3354. |
| 1 JAN 0810 | 99 | 0.03 | 0.01 | 0.01 | 431. | * | 1 JAN 2310 | 279 | 0.01 | 0.00 | 0.01 | 3306. |
| 1 JAN 0815 | 100 | 0.03 | 0.01 | 0.02 | 453. | * | 1 JAN 2315 | 280 | 0.01 | 0.00 | 0.01 | 3258. |
| 1 JAN 0820 | 101 | 0.03 | 0.01 | 0.02 | 475. | * | 1 JAN 2320 | 281 | 0.01 | 0.00 | 0.01 | 3212. |
| 1 JAN 0825 | 102 | 0.03 | 0.01 | 0.02 | 498. | * | 1 JAN 2325 | 282 | 0.01 | 0.00 | 0.01 | 3166. |
| 1 JAN 0830 | 103 | 0.03 | 0.01 | 0.02 | 521. | * | 1 JAN 2330 | 283 | 0.01 | 0.00 | 0.01 | 3122. |
| 1 JAN 0835 | 104 | 0.03 | 0.01 | 0.02 | 545. | * | 1 JAN 2335 | 284 | 0.01 | 0.00 | 0.01 | 3078. |
| 1 JAN 0840 | 105 | 0.03 | 0.01 | 0.02 | 569. | * | 1 JAN 2340 | 285 | 0.01 | 0.00 | 0.01 | 3037. |
| 1 JAN 0845 | 106 | 0.03 | 0.01 | 0.02 | 594. | * | 1 JAN 2345 | 286 | 0.01 | 0.00 | 0.01 | 2997. |
| 1 JAN 0850 | 107 | 0.03 | 0.01 | 0.02 | 619. | * | 1 JAN 2350 | 287 | 0.01 | 0.00 | 0.01 | 2959. |
| 1 JAN 0855 | 108 | 0.04 | 0.01 | 0.02 | 645. | * | 1 JAN 2355 | 288 | 0.01 | 0.00 | 0.01 | 2922. |
| 1 JAN 0900 | 109 | 0.04 | 0.01 | 0.02 | 672. | * | 2 JAN 0000 | 289 | 0.01 | 0.00 | 0.01 | 2885. |
| 1 JAN 0905 | 110 | 0.04 | 0.01 | 0.02 | 699. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 2849. |
| 1 JAN 0910 | 111 | 0.04 | 0.01 | 0.02 | 727. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 2813. |
| 1 JAN 0915 | 112 | 0.04 | 0.01 | 0.02 | 756. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 2778. |
| 1 JAN 0920 | 113 | 0.04 | 0.01 | 0.02 | 785. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 2744. |
| 1 JAN 0925 | 114 | 0.04 | 0.01 | 0.02 | 815. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 2711. |
| 1 JAN 0930 | 115 | 0.04 | 0.01 | 0.02 | 846. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 2679. |
| 1 JAN 0935 | 116 | 0.04 | 0.01 | 0.02 | 877. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 2647. |
| 1 JAN 0940 | 117 | 0.04 | 0.01 | 0.03 | 909. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 2615. |
| 1 JAN 0945 | 118 | 0.04 | 0.01 | 0.03 | 942. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 2583. |
| 1 JAN 0950 | 119 | 0.04 | 0.01 | 0.03 | 976. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 2551. |
| 1 JAN 0955 | 120 | 0.04 | 0.01 | 0.03 | 1011. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 2519. |
| 1 JAN 1000 | 121 | 0.04 | 0.01 | 0.03 | 1047. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 2487. |
| 1 JAN 1005 | 122 | 0.05 | 0.01 | 0.03 | 1083. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 2456. |
| 1 JAN 1010 | 123 | 0.05 | 0.01 | 0.03 | 1121. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 2425. |
| 1 JAN 1015 | 124 | 0.05 | 0.02 | 0.04 | 1160. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 2394. |
| 1 JAN 1020 | 125 | 0.05 | 0.02 | 0.04 | 1200. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 2362. |
| 1 JAN 1025 | 126 | 0.06 | 0.02 | 0.04 | 1241. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 2330. |
| 1 JAN 1030 | 127 | 0.06 | 0.02 | 0.04 | 1284. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 2298. |
| 1 JAN 1035 | 128 | 0.06 | 0.02 | 0.04 | 1329. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 2264. |
| 1 JAN 1040 | 129 | 0.07 | 0.02 | 0.05 | 1375. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 2231. |
| 1 JAN 1045 | 130 | 0.07 | 0.02 | 0.05 | 1422. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 2197. |
| 1 JAN 1050 | 131 | 0.07 | 0.02 | 0.05 | 1471. | * | 2 JAN 0150 | 311 | 0.00 | 0.00 | 0.00 | 2162. |
| 1 JAN 1055 | 132 | 0.08 | 0.02 | 0.06 | 1523. | * | 2 JAN 0155 | 312 | 0.00 | 0.00 | 0.00 | 2127. |
| 1 JAN 1100 | 133 | 0.08 | 0.02 | 0.06 | 1576. | * | 2 JAN 0200 | 313 | 0.00 | 0.00 | 0.00 | 2090. |
| 1 JAN 1105 | 134 | 0.09 | 0.02 | 0.07 | 1632. | * | 2 JAN 0205 | 314 | 0.00 | 0.00 | 0.00 | 2053. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN | 1110 | 135 | 0.10 | 0.02 | 0.07 | 1690. | * | 2 JAN | 0210 | 315 | 0.00 | 0.00 | 0.00 | 2015. |
| 1 JAN | 1115 | 136 | 0.10 | 0.02 | 0.08 | 1750. | * | 2 JAN | 0215 | 316 | 0.00 | 0.00 | 0.00 | 1976. |
| 1 JAN | 1120 | 137 | 0.11 | 0.02 | 0.09 | 1814. | * | 2 JAN | 0220 | 317 | 0.00 | 0.00 | 0.00 | 1936. |
| 1 JAN | 1125 | 138 | 0.12 | 0.02 | 0.10 | 1882. | * | 2 JAN | 0225 | 318 | 0.00 | 0.00 | 0.00 | 1895. |
| 1 JAN | 1130 | 139 | 0.13 | 0.02 | 0.11 | 1953. | * | 2 JAN | 0230 | 319 | 0.00 | 0.00 | 0.00 | 1853. |
| 1 JAN | 1135 | 140 | 0.27 | 0.05 | 0.22 | 2030. | * | 2 JAN | 0235 | 320 | 0.00 | 0.00 | 0.00 | 1811. |
| 1 JAN | 1140 | 141 | 0.49 | 0.07 | 0.41 | 2117. | * | 2 JAN | 0240 | 321 | 0.00 | 0.00 | 0.00 | 1769. |
| 1 JAN | 1145 | 142 | 0.74 | 0.09 | 0.64 | 2219. | * | 2 JAN | 0245 | 322 | 0.00 | 0.00 | 0.00 | 1726. |
| 1 JAN | 1150 | 143 | 1.15 | 0.11 | 1.03 | 2343. | * | 2 JAN | 0250 | 323 | 0.00 | 0.00 | 0.00 | 1682. |
| 1 JAN | 1155 | 144 | 1.47 | 0.11 | 1.36 | 2498. | * | 2 JAN | 0255 | 324 | 0.00 | 0.00 | 0.00 | 1639. |
| 1 JAN | 1200 | 145 | 1.08 | 0.06 | 1.02 | 2683. | * | 2 JAN | 0300 | 325 | 0.00 | 0.00 | 0.00 | 1595. |
| 1 JAN | 1205 | 146 | 0.22 | 0.01 | 0.21 | 2887. | * | 2 JAN | 0305 | 326 | 0.00 | 0.00 | 0.00 | 1551. |
| 1 JAN | 1210 | 147 | 0.19 | 0.01 | 0.19 | 3120. | * | 2 JAN | 0310 | 327 | 0.00 | 0.00 | 0.00 | 1507. |
| 1 JAN | 1215 | 148 | 0.17 | 0.01 | 0.17 | 3391. | * | 2 JAN | 0315 | 328 | 0.00 | 0.00 | 0.00 | 1464. |
| 1 JAN | 1220 | 149 | 0.15 | 0.01 | 0.15 | 3696. | * | 2 JAN | 0320 | 329 | 0.00 | 0.00 | 0.00 | 1420. |
| 1 JAN | 1225 | 150 | 0.13 | 0.01 | 0.13 | 4020. | * | 2 JAN | 0325 | 330 | 0.00 | 0.00 | 0.00 | 1377. |
| 1 JAN | 1230 | 151 | 0.11 | 0.00 | 0.11 | 4361. | * | 2 JAN | 0330 | 331 | 0.00 | 0.00 | 0.00 | 1334. |
| 1 JAN | 1235 | 152 | 0.10 | 0.00 | 0.09 | 4726. | * | 2 JAN | 0335 | 332 | 0.00 | 0.00 | 0.00 | 1292. |
| 1 JAN | 1240 | 153 | 0.09 | 0.00 | 0.09 | 5115. | * | 2 JAN | 0340 | 333 | 0.00 | 0.00 | 0.00 | 1250. |
| 1 JAN | 1245 | 154 | 0.09 | 0.00 | 0.08 | 5523. | * | 2 JAN | 0345 | 334 | 0.00 | 0.00 | 0.00 | 1208. |
| 1 JAN | 1250 | 155 | 0.08 | 0.00 | 0.08 | 5953. | * | 2 JAN | 0350 | 335 | 0.00 | 0.00 | 0.00 | 1167. |
| 1 JAN | 1255 | 156 | 0.08 | 0.00 | 0.07 | 6411. | * | 2 JAN | 0355 | 336 | 0.00 | 0.00 | 0.00 | 1126. |
| 1 JAN | 1300 | 157 | 0.07 | 0.00 | 0.07 | 6899. | * | 2 JAN | 0400 | 337 | 0.00 | 0.00 | 0.00 | 1086. |
| 1 JAN | 1305 | 158 | 0.07 | 0.00 | 0.07 | 7412. | * | 2 JAN | 0405 | 338 | 0.00 | 0.00 | 0.00 | 1047. |
| 1 JAN | 1310 | 159 | 0.06 | 0.00 | 0.06 | 7949. | * | 2 JAN | 0410 | 339 | 0.00 | 0.00 | 0.00 | 1009. |
| 1 JAN | 1315 | 160 | 0.06 | 0.00 | 0.06 | 8517. | * | 2 JAN | 0415 | 340 | 0.00 | 0.00 | 0.00 | 971. |
| 1 JAN | 1320 | 161 | 0.06 | 0.00 | 0.06 | 9121. | * | 2 JAN | 0420 | 341 | 0.00 | 0.00 | 0.00 | 934. |
| 1 JAN | 1325 | 162 | 0.06 | 0.00 | 0.06 | 9751. | * | 2 JAN | 0425 | 342 | 0.00 | 0.00 | 0.00 | 897. |
| 1 JAN | 1330 | 163 | 0.05 | 0.00 | 0.05 | 10397. | * | 2 JAN | 0430 | 343 | 0.00 | 0.00 | 0.00 | 862. |
| 1 JAN | 1335 | 164 | 0.05 | 0.00 | 0.05 | 11065. | * | 2 JAN | 0435 | 344 | 0.00 | 0.00 | 0.00 | 827. |
| 1 JAN | 1340 | 165 | 0.05 | 0.00 | 0.05 | 11755. | * | 2 JAN | 0440 | 345 | 0.00 | 0.00 | 0.00 | 793. |
| 1 JAN | 1345 | 166 | 0.05 | 0.00 | 0.05 | 12454. | * | 2 JAN | 0445 | 346 | 0.00 | 0.00 | 0.00 | 760. |
| 1 JAN | 1350 | 167 | 0.05 | 0.00 | 0.05 | 13144. | * | 2 JAN | 0450 | 347 | 0.00 | 0.00 | 0.00 | 727. |
| 1 JAN | 1355 | 168 | 0.05 | 0.00 | 0.04 | 13816. | * | 2 JAN | 0455 | 348 | 0.00 | 0.00 | 0.00 | 696. |
| 1 JAN | 1400 | 169 | 0.04 | 0.00 | 0.04 | 14460. | * | 2 JAN | 0500 | 349 | 0.00 | 0.00 | 0.00 | 666. |
| 1 JAN | 1405 | 170 | 0.04 | 0.00 | 0.04 | 15075. | * | 2 JAN | 0505 | 350 | 0.00 | 0.00 | 0.00 | 637. |
| 1 JAN | 1410 | 171 | 0.04 | 0.00 | 0.04 | 15669. | * | 2 JAN | 0510 | 351 | 0.00 | 0.00 | 0.00 | 609. |
| 1 JAN | 1415 | 172 | 0.04 | 0.00 | 0.04 | 16229. | * | 2 JAN | 0515 | 352 | 0.00 | 0.00 | 0.00 | 583. |
| 1 JAN | 1420 | 173 | 0.04 | 0.00 | 0.04 | 16743. | * | 2 JAN | 0520 | 353 | 0.00 | 0.00 | 0.00 | 559. |
| 1 JAN | 1425 | 174 | 0.04 | 0.00 | 0.04 | 17210. | * | 2 JAN | 0525 | 354 | 0.00 | 0.00 | 0.00 | 536. |
| 1 JAN | 1430 | 175 | 0.04 | 0.00 | 0.04 | 17649. | * | 2 JAN | 0530 | 355 | 0.00 | 0.00 | 0.00 | 514. |
| 1 JAN | 1435 | 176 | 0.04 | 0.00 | 0.04 | 18051. | * | 2 JAN | 0535 | 356 | 0.00 | 0.00 | 0.00 | 493. |
| 1 JAN | 1440 | 177 | 0.04 | 0.00 | 0.04 | 18406. | * | 2 JAN | 0540 | 357 | 0.00 | 0.00 | 0.00 | 474. |
| 1 JAN | 1445 | 178 | 0.04 | 0.00 | 0.04 | 18712. | * | 2 JAN | 0545 | 358 | 0.00 | 0.00 | 0.00 | 455. |
| 1 JAN | 1450 | 179 | 0.04 | 0.00 | 0.03 | 18983. | * | 2 JAN | 0550 | 359 | 0.00 | 0.00 | 0.00 | 437. |
| 1 JAN | 1455 | 180 | 0.04 | 0.00 | 0.03 | 19219. | * | 2 JAN | 0555 | 360 | 0.00 | 0.00 | 0.00 | 420. |
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TOTAL RAINFALL = 13.67, TOTAL LOSS = 2.60, TOTAL EXCESS = 11.07

| PEAK FLOW | TIME | MAXIMUM AVERAGE FLOW | | | |
|---|---|---|---|---|---|
| | | 6-HR | 24-HR | 72-HR | 29.92-HR |
| + (CFS) | (HR) | | | | |
| | (CFS) | | | | |
| + 19852. | 15.50 | 14767. | 5517. | 4427. | 4427. |
| | (INCHES) | 7.358 | 10.995 | 10.998 | 10.998 |
| | (AC-FT) | 7323. | 10942. | 10945. | 10945. |

CUMULATIVE AREA = 18.66 SQ MI

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

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     *            *
140 KK   *   8C *    CNAME    8R
     *            *
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141 KO OUTPUT CONTROL VARIABLES

*Dam Break Analysis,, Valenciano Water Supply Reservoir, Juncos, Puerto Rico*
*CSA Group, Inc., Hato Rey, Puerto Rico*

```
IPRNT      0 PRINT CONTROL
IPLOT      0 PLOT CONTROL
QSCAL      0. HYDROGRAPH PLOT SCALE
IPNCH      0 PUNCH COMPUTED HYDROGRAPH
IOUT      22 SAVE HYDROGRAPH ON THIS UNIT
ISAV1      1 FIRST ORDINATE PUNCHED OR SAVED
ISAV2    360 LAST ORDINATE PUNCHED OR SAVED
TIMINT   0.083 TIME INTERVAL IN HOURS


142 HC     HYDROGRAPH COMBINATION
           ICOMP      3 NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION 8C
SUM OF 3 HYDROGRAPHS

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| DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0. | 1 JAN 0730 | 91 | 1521. | 1 JAN 1500 | 181 | 92578. | 1 JAN 2230 | 271 | 42218. | | | |
| 1 JAN 0005 | 2 | 0. | 1 JAN 0735 | 92 | 1622. | 1 JAN 1505 | 182 | 96010. | 1 JAN 2235 | 272 | 41475. | | | |
| 1 JAN 0010 | 3 | 0. | 1 JAN 0740 | 93 | 1728. | 1 JAN 1510 | 183 | 99381. | 1 JAN 2240 | 273 | 40747. | | | |
| 1 JAN 0015 | 4 | 0. | 1 JAN 0745 | 94 | 1837. | 1 JAN 1515 | 184 | 102683. | 1 JAN 2245 | 274 | 40034. | | | |
| 1 JAN 0020 | 5 | 0. | 1 JAN 0750 | 95 | 1950. | 1 JAN 1520 | 185 | 105892. | 1 JAN 2250 | 275 | 39334. | | | |
| 1 JAN 0025 | 6 | 0. | 1 JAN 0755 | 96 | 2068. | 1 JAN 1525 | 186 | 108981. | 1 JAN 2255 | 276 | 38649. | | | |
| 1 JAN 0030 | 7 | 0. | 1 JAN 0800 | 97 | 2189. | 1 JAN 1530 | 187 | 111934. | 1 JAN 2300 | 277 | 37977. | | | |
| 1 JAN 0035 | 8 | 0. | 1 JAN 0805 | 98 | 2314. | 1 JAN 1535 | 188 | 114731. | 1 JAN 2305 | 278 | 37319. | | | |
| 1 JAN 0040 | 9 | 0. | 1 JAN 0810 | 99 | 2444. | 1 JAN 1540 | 189 | 117347. | 1 JAN 2310 | 279 | 36675. | | | |
| 1 JAN 0045 | 10 | 0. | 1 JAN 0815 | 100 | 2577. | 1 JAN 1545 | 190 | 119762. | 1 JAN 2315 | 280 | 36046. | | | |
| 1 JAN 0050 | 11 | 0. | 1 JAN 0820 | 101 | 2715. | 1 JAN 1550 | 191 | 121981. | 1 JAN 2320 | 281 | 35432. | | | |
| 1 JAN 0055 | 12 | 0. | 1 JAN 0825 | 102 | 2856. | 1 JAN 1555 | 192 | 124015. | 1 JAN 2325 | 282 | 34836. | | | |
| 1 JAN 0100 | 13 | 0. | 1 JAN 0830 | 103 | 3002. | 1 JAN 1600 | 193 | 125857. | 1 JAN 2330 | 283 | 34258. | | | |
| 1 JAN 0105 | 14 | 0. | 1 JAN 0835 | 104 | 3152. | 1 JAN 1605 | 194 | 127499. | 1 JAN 2335 | 284 | 33697. | | | |
| 1 JAN 0110 | 15 | 0. | 1 JAN 0840 | 105 | 3305. | 1 JAN 1610 | 195 | 128938. | 1 JAN 2340 | 285 | 33154. | | | |
| 1 JAN 0115 | 16 | 0. | 1 JAN 0845 | 106 | 3464. | 1 JAN 1615 | 196 | 130175. | 1 JAN 2345 | 286 | 32625. | | | |
| 1 JAN 0120 | 17 | 0. | 1 JAN 0850 | 107 | 3626. | 1 JAN 1620 | 197 | 131209. | 1 JAN 2350 | 287 | 32109. | | | |
| 1 JAN 0125 | 18 | 0. | 1 JAN 0855 | 108 | 3793. | 1 JAN 1625 | 198 | 132039. | 1 JAN 2355 | 288 | 31606. | | | |
| 1 JAN 0130 | 19 | 0. | 1 JAN 0900 | 109 | 3964. | 1 JAN 1630 | 199 | 132670. | 2 JAN 0000 | 289 | 31114. | | | |
| 1 JAN 0135 | 20 | 0. | 1 JAN 0905 | 110 | 4140. | 1 JAN 1635 | 200 | 133111. | 2 JAN 0005 | 290 | 30632. | | | |
| 1 JAN 0140 | 21 | 0. | 1 JAN 0910 | 111 | 4320. | 1 JAN 1640 | 201 | 133365. | 2 JAN 0010 | 291 | 30162. | | | |
| 1 JAN 0145 | 22 | 0. | 1 JAN 0915 | 112 | 4504. | 1 JAN 1645 | 202 | 133434. | 2 JAN 0015 | 292 | 29702. | | | |
| 1 JAN 0150 | 23 | 0. | 1 JAN 0920 | 113 | 4693. | 1 JAN 1650 | 203 | 133324. | 2 JAN 0020 | 293 | 29254. | | | |
| 1 JAN 0155 | 24 | 0. | 1 JAN 0925 | 114 | 4886. | 1 JAN 1655 | 204 | 133045. | 2 JAN 0025 | 294 | 28816. | | | |
| 1 JAN 0200 | 25 | 0. | 1 JAN 0930 | 115 | 5083. | 1 JAN 1700 | 205 | 132601. | 2 JAN 0030 | 295 | 28388. | | | |
| 1 JAN 0205 | 26 | 0. | 1 JAN 0935 | 116 | 5284. | 1 JAN 1705 | 206 | 131993. | 2 JAN 0035 | 296 | 27968. | | | |
| 1 JAN 0210 | 27 | 0. | 1 JAN 0940 | 117 | 5490. | 1 JAN 1710 | 207 | 131230. | 2 JAN 0040 | 297 | 27555. | | | |
| 1 JAN 0215 | 28 | 0. | 1 JAN 0945 | 118 | 5700. | 1 JAN 1715 | 208 | 130327. | 2 JAN 0045 | 298 | 27148. | | | |
| 1 JAN 0220 | 29 | 0. | 1 JAN 0950 | 119 | 5914. | 1 JAN 1720 | 209 | 129304. | 2 JAN 0050 | 299 | 26747. | | | |
| 1 JAN 0225 | 30 | 0. | 1 JAN 0955 | 120 | 6132. | 1 JAN 1725 | 210 | 128173. | 2 JAN 0055 | 300 | 26352. | | | |
| 1 JAN 0230 | 31 | 0. | 1 JAN 1000 | 121 | 6355. | 1 JAN 1730 | 211 | 126948. | 2 JAN 0100 | 301 | 25965. | | | |
| 1 JAN 0235 | 32 | 0. | 1 JAN 1005 | 122 | 6582. | 1 JAN 1735 | 212 | 125636. | 2 JAN 0105 | 302 | 25586. | | | |
| 1 JAN 0240 | 33 | 0. | 1 JAN 1010 | 123 | 6814. | 1 JAN 1740 | 213 | 124246. | 2 JAN 0110 | 303 | 25215. | | | |
| 1 JAN 0245 | 34 | 0. | 1 JAN 1015 | 124 | 7051. | 1 JAN 1745 | 214 | 122794. | 2 JAN 0115 | 304 | 24851. | | | |
| 1 JAN 0250 | 35 | 0. | 1 JAN 1020 | 125 | 7294. | 1 JAN 1750 | 215 | 121296. | 2 JAN 0120 | 305 | 24495. | | | |
| 1 JAN 0255 | 36 | 0. | 1 JAN 1025 | 126 | 7543. | 1 JAN 1755 | 216 | 119755. | 2 JAN 0125 | 306 | 24145. | | | |
| 1 JAN 0300 | 37 | 0. | 1 JAN 1030 | 127 | 7798. | 1 JAN 1800 | 217 | 118174. | 2 JAN 0130 | 307 | 23801. | | | |
| 1 JAN 0305 | 38 | 0. | 1 JAN 1035 | 128 | 8059. | 1 JAN 1805 | 218 | 116564. | 2 JAN 0135 | 308 | 23461. | | | |
| 1 JAN 0310 | 39 | 0. | 1 JAN 1040 | 129 | 8328. | 1 JAN 1810 | 219 | 114938. | 2 JAN 0140 | 309 | 23127. | | | |
| 1 JAN 0315 | 40 | 0. | 1 JAN 1045 | 130 | 8604. | 1 JAN 1815 | 220 | 113302. | 2 JAN 0145 | 310 | 22796. | | | |
| 1 JAN 0320 | 41 | 0. | 1 JAN 1050 | 131 | 8889. | 1 JAN 1820 | 221 | 111657. | 2 JAN 0150 | 311 | 22470. | | | |
| 1 JAN 0325 | 42 | 1. | 1 JAN 1055 | 132 | 9182. | 1 JAN 1825 | 222 | 110007. | 2 JAN 0155 | 312 | 22149. | | | |
| 1 JAN 0330 | 43 | 1. | 1 JAN 1100 | 133 | 9485. | 1 JAN 1830 | 223 | 108356. | 2 JAN 0200 | 313 | 21832. | | | |
| 1 JAN 0335 | 44 | 1. | 1 JAN 1105 | 134 | 9797. | 1 JAN 1835 | 224 | 106704. | 2 JAN 0205 | 314 | 21519. | | | |
| 1 JAN 0340 | 45 | 2. | 1 JAN 1110 | 135 | 10121. | 1 JAN 1840 | 225 | 105048. | 2 JAN 0210 | 315 | 21210. | | | |
| 1 JAN 0345 | 46 | 3. | 1 JAN 1115 | 136 | 10456. | 1 JAN 1845 | 226 | 103390. | 2 JAN 0215 | 316 | 20903. | | | |
| 1 JAN 0350 | 47 | 5. | 1 JAN 1120 | 137 | 10805. | 1 JAN 1850 | 227 | 101730. | 2 JAN 0220 | 317 | 20598. | | | |
| 1 JAN 0355 | 48 | 7. | 1 JAN 1125 | 138 | 11168. | 1 JAN 1855 | 228 | 100066. | 2 JAN 0225 | 318 | 20294. | | | |
| 1 JAN 0400 | 49 | 9. | 1 JAN 1130 | 139 | 11547. | 1 JAN 1900 | 229 | 98389. | 2 JAN 0230 | 319 | 19989. | | | |
| 1 JAN 0405 | 50 | 11. | 1 JAN 1135 | 140 | 11949. | 1 JAN 1905 | 230 | 96693. | 2 JAN 0235 | 320 | 19685. | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0410 | 51 | 15. | * | 1 JAN 1140 | 141 | 12386. | * | 1 JAN 1910 | 231 | 94974. | * | 2 JAN 0240 | 321 | 19379. |
| 1 JAN 0415 | 52 | 18. | * | 1 JAN 1145 | 142 | 12876. | * | 1 JAN 1915 | 232 | 93231. | * | 2 JAN 0245 | 322 | 19073. |
| 1 JAN 0420 | 53 | 23. | * | 1 JAN 1150 | 143 | 13450. | * | 1 JAN 1920 | 233 | 91464. | * | 2 JAN 0250 | 323 | 18766. |
| 1 JAN 0425 | 54 | 28. | * | 1 JAN 1155 | 144 | 14144. | * | 1 JAN 1925 | 234 | 89674. | * | 2 JAN 0255 | 324 | 18457. |
| 1 JAN 0430 | 55 | 34. | * | 1 JAN 1200 | 145 | 14969. | * | 1 JAN 1930 | 235 | 87864. | * | 2 JAN 0300 | 325 | 18148. |
| 1 JAN 0435 | 56 | 40. | * | 1 JAN 1205 | 146 | 15910. | * | 1 JAN 1935 | 236 | 86040. | * | 2 JAN 0305 | 326 | 17837. |
| 1 JAN 0440 | 57 | 48. | * | 1 JAN 1210 | 147 | 16975. | * | 1 JAN 1940 | 237 | 84205. | * | 2 JAN 0310 | 327 | 17524. |
| 1 JAN 0445 | 58 | 56. | * | 1 JAN 1215 | 148 | 18173. | * | 1 JAN 1945 | 238 | 82366. | * | 2 JAN 0315 | 328 | 17209. |
| 1 JAN 0450 | 59 | 65. | * | 1 JAN 1220 | 149 | 19503. | * | 1 JAN 1950 | 239 | 80533. | * | 2 JAN 0320 | 329 | 16893. |
| 1 JAN 0455 | 60 | 75. | * | 1 JAN 1225 | 150 | 20947. | * | 1 JAN 1955 | 240 | 78718. | * | 2 JAN 0325 | 330 | 16575. |
| 1 JAN 0500 | 61 | 87. | * | 1 JAN 1230 | 151 | 22478. | * | 1 JAN 2000 | 241 | 76930. | * | 2 JAN 0330 | 331 | 16256. |
| 1 JAN 0505 | 62 | 99. | * | 1 JAN 1235 | 152 | 24051. | * | 1 JAN 2005 | 242 | 75182. | * | 2 JAN 0335 | 332 | 15936. |
| 1 JAN 0510 | 63 | 113. | * | 1 JAN 1240 | 153 | 25618. | * | 1 JAN 2010 | 243 | 73481. | * | 2 JAN 0340 | 333 | 15616. |
| 1 JAN 0515 | 64 | 128. | * | 1 JAN 1245 | 154 | 27133. | * | 1 JAN 2015 | 244 | 71835. | * | 2 JAN 0345 | 334 | 15296. |
| 1 JAN 0520 | 65 | 145. | * | 1 JAN 1250 | 155 | 28590. | * | 1 JAN 2020 | 245 | 70245. | * | 2 JAN 0350 | 335 | 14976. |
| 1 JAN 0525 | 66 | 164. | * | 1 JAN 1255 | 156 | 30005. | * | 1 JAN 2025 | 246 | 68707. | * | 2 JAN 0355 | 336 | 14658. |
| 1 JAN 0530 | 67 | 184. | * | 1 JAN 1300 | 157 | 31405. | * | 1 JAN 2030 | 247 | 67222. | * | 2 JAN 0400 | 337 | 14339. |
| 1 JAN 0535 | 68 | 206. | * | 1 JAN 1305 | 158 | 32804. | * | 1 JAN 2035 | 248 | 65787. | * | 2 JAN 0405 | 338 | 14022. |
| 1 JAN 0540 | 69 | 230. | * | 1 JAN 1310 | 159 | 34231. | * | 1 JAN 2040 | 249 | 64400. | * | 2 JAN 0410 | 339 | 13705. |
| 1 JAN 0545 | 70 | 256. | * | 1 JAN 1315 | 160 | 35724. | * | 1 JAN 2045 | 250 | 63058. | * | 2 JAN 0415 | 340 | 13389. |
| 1 JAN 0550 | 71 | 285. | * | 1 JAN 1320 | 161 | 37290. | * | 1 JAN 2050 | 251 | 61757. | * | 2 JAN 0420 | 341 | 13073. |
| 1 JAN 0555 | 72 | 316. | * | 1 JAN 1325 | 162 | 38946. | * | 1 JAN 2055 | 252 | 60496. | * | 2 JAN 0425 | 342 | 12760. |
| 1 JAN 0600 | 73 | 350. | * | 1 JAN 1330 | 163 | 40718. | * | 1 JAN 2100 | 253 | 59271. | * | 2 JAN 0430 | 343 | 12448. |
| 1 JAN 0605 | 74 | 386. | * | 1 JAN 1335 | 164 | 42607. | * | 1 JAN 2105 | 254 | 58080. | * | 2 JAN 0435 | 344 | 12138. |
| 1 JAN 0610 | 75 | 425. | * | 1 JAN 1340 | 165 | 44613. | * | 1 JAN 2110 | 255 | 56920. | * | 2 JAN 0440 | 345 | 11831. |
| 1 JAN 0615 | 76 | 467. | * | 1 JAN 1345 | 166 | 46729. | * | 1 JAN 2115 | 256 | 55790. | * | 2 JAN 0445 | 346 | 11528. |
| 1 JAN 0620 | 77 | 513. | * | 1 JAN 1350 | 167 | 48952. | * | 1 JAN 2120 | 257 | 54692. | * | 2 JAN 0450 | 347 | 11227. |
| 1 JAN 0625 | 78 | 561. | * | 1 JAN 1355 | 168 | 51301. | * | 1 JAN 2125 | 258 | 53625. | * | 2 JAN 0455 | 348 | 10930. |
| 1 JAN 0630 | 79 | 613. | * | 1 JAN 1400 | 169 | 53800. | * | 1 JAN 2130 | 259 | 52590. | * | 2 JAN 0500 | 349 | 10636. |
| 1 JAN 0635 | 80 | 668. | * | 1 JAN 1405 | 170 | 56457. | * | 1 JAN 2135 | 260 | 51588. | * | 2 JAN 0505 | 350 | 10347. |
| 1 JAN 0640 | 81 | 727. | * | 1 JAN 1410 | 171 | 59273. | * | 1 JAN 2140 | 261 | 50619. | * | 2 JAN 0510 | 351 | 10062. |
| 1 JAN 0645 | 82 | 789. | * | 1 JAN 1415 | 172 | 62225. | * | 1 JAN 2145 | 262 | 49680. | * | 2 JAN 0515 | 352 | 9782. |
| 1 JAN 0650 | 83 | 855. | * | 1 JAN 1420 | 173 | 65294. | * | 1 JAN 2150 | 263 | 48768. | * | 2 JAN 0520 | 353 | 9508. |
| 1 JAN 0655 | 84 | 925. | * | 1 JAN 1425 | 174 | 68475. | * | 1 JAN 2155 | 264 | 47882. | * | 2 JAN 0525 | 354 | 9239. |
| 1 JAN 0700 | 85 | 998. | * | 1 JAN 1430 | 175 | 71772. | * | 1 JAN 2200 | 265 | 47019. | * | 2 JAN 0530 | 355 | 8976. |
| 1 JAN 0705 | 86 | 1075. | * | 1 JAN 1435 | 176 | 75160. | * | 1 JAN 2205 | 266 | 46175. | * | 2 JAN 0535 | 356 | 8718. |
| 1 JAN 0710 | 87 | 1157. | * | 1 JAN 1440 | 177 | 78602. | * | 1 JAN 2210 | 267 | 45349. | * | 2 JAN 0540 | 357 | 8466. |
| 1 JAN 0715 | 88 | 1242. | * | 1 JAN 1445 | 178 | 82080. | * | 1 JAN 2215 | 268 | 44541. | * | 2 JAN 0545 | 358 | 8219. |
| 1 JAN 0720 | 89 | 1331. | * | 1 JAN 1450 | 179 | 85586. | * | 1 JAN 2220 | 269 | 43750. | * | 2 JAN 0550 | 359 | 7978. |
| 1 JAN 0725 | 90 | 1424. | * | 1 JAN 1455 | 180 | 89095. | * | 1 JAN 2225 | 270 | 42976. | * | 2 JAN 0555 | 360 | 7743. |
| | | | * | | | | * | | | | * | | | |

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| PEAK FLOW | TIME | MAXIMUM AVERAGE FLOW | | | |
|---|---|---|---|---|---|
| | | 6-HR | 24-HR | 72-HR | 29.92-HR |
| + (CFS) | (HR) | | | | |
| | (CFS) | | | | |
| + 133434. | 16.75 | 107040. | 43235. | 34692. | 34692. |
| | (INCHES) | 9.019 | 14.572 | 14.575 | 14.575 |
| | (AC-FT) | 53078. | 85756. | 85773. | 85773. |

CUMULATIVE AREA = 110.34 SQ MI

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     *            *
143 KK   *    8R *    CNAME    8C
     *            *
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144 KO OUTPUT CONTROL VARIABLES

| | | |
|---|---|---|
| IPRNT | 0 | PRINT CONTROL |
| IPLOT | 0 | PLOT CONTROL |
| QSCAL | 0. | HYDROGRAPH PLOT SCALE |
| IPNCH | 0 | PUNCH COMPUTED HYDROGRAPH |
| IOUT | 22 | SAVE HYDROGRAPH ON THIS UNIT |
| ISAV1 | 1 | FIRST ORDINATE PUNCHED OR SAVED |
| ISAV2 | 360 | LAST ORDINATE PUNCHED OR SAVED |
| TIMINT | 0.083 | TIME INTERVAL IN HOURS |

HYDROGRAPH ROUTING DATA

145 RM MUSKINGUM ROUTING
NSTPS 3 NUMBER OF SUBREACHES
AMSKK 0.17 MUSKINGUM K
X 0.20 MUSKINGUM X

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HYDROGRAPH AT STATION 8R

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| DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0. | 1 JAN 0730 | 91 | 1328. | 1 JAN 1500 | 181 | 85418. | 1 JAN 2230 | 271 | 43795. |
| 1 JAN 0005 | 2 | 0. | 1 JAN 0735 | 92 | 1421. | 1 JAN 1505 | 182 | 88915. | 1 JAN 2235 | 272 | 43020. |
| 1 JAN 0010 | 3 | 0. | 1 JAN 0740 | 93 | 1518. | 1 JAN 1510 | 183 | 92390. | 1 JAN 2240 | 273 | 42261. |
| 1 JAN 0015 | 4 | 0. | 1 JAN 0745 | 94 | 1619. | 1 JAN 1515 | 184 | 95820. | 1 JAN 2245 | 274 | 41517. |
| 1 JAN 0020 | 5 | 0. | 1 JAN 0750 | 95 | 1724. | 1 JAN 1520 | 185 | 99190. | 1 JAN 2250 | 275 | 40788. |
| 1 JAN 0025 | 6 | 0. | 1 JAN 0755 | 96 | 1833. | 1 JAN 1525 | 186 | 102487. | 1 JAN 2255 | 276 | 40074. |
| 1 JAN 0030 | 7 | 0. | 1 JAN 0800 | 97 | 1946. | 1 JAN 1530 | 187 | 105690. | 1 JAN 2300 | 277 | 39374. |
| 1 JAN 0035 | 8 | 0. | 1 JAN 0805 | 98 | 2064. | 1 JAN 1535 | 188 | 108778. | 1 JAN 2305 | 278 | 38687. |
| 1 JAN 0040 | 9 | 0. | 1 JAN 0810 | 99 | 2185. | 1 JAN 1540 | 189 | 111729. | 1 JAN 2310 | 279 | 38015. |
| 1 JAN 0045 | 10 | 0. | 1 JAN 0815 | 100 | 2310. | 1 JAN 1545 | 190 | 114524. | 1 JAN 2315 | 280 | 37356. |
| 1 JAN 0050 | 11 | 0. | 1 JAN 0820 | 101 | 2439. | 1 JAN 1550 | 191 | 117142. | 1 JAN 2320 | 281 | 36712. |
| 1 JAN 0055 | 12 | 0. | 1 JAN 0825 | 102 | 2572. | 1 JAN 1555 | 192 | 119568. | 1 JAN 2325 | 282 | 36083. |
| 1 JAN 0100 | 13 | 0. | 1 JAN 0830 | 103 | 2710. | 1 JAN 1600 | 193 | 121799. | 1 JAN 2330 | 283 | 35469. |
| 1 JAN 0105 | 14 | 0. | 1 JAN 0835 | 104 | 2851. | 1 JAN 1605 | 194 | 123840. | 1 JAN 2335 | 284 | 34872. |
| 1 JAN 0110 | 15 | 0. | 1 JAN 0840 | 105 | 2996. | 1 JAN 1610 | 195 | 125689. | 1 JAN 2340 | 285 | 34293. |
| 1 JAN 0115 | 16 | 0. | 1 JAN 0845 | 106 | 3146. | 1 JAN 1615 | 196 | 127339. | 1 JAN 2345 | 286 | 33731. |
| 1 JAN 0120 | 17 | 0. | 1 JAN 0850 | 107 | 3300. | 1 JAN 1620 | 197 | 128788. | 1 JAN 2350 | 287 | 33186. |
| 1 JAN 0125 | 18 | 0. | 1 JAN 0855 | 108 | 3458. | 1 JAN 1625 | 198 | 130034. | 1 JAN 2355 | 288 | 32656. |
| 1 JAN 0130 | 19 | 0. | 1 JAN 0900 | 109 | 3620. | 1 JAN 1630 | 199 | 131078. | 2 JAN 0000 | 289 | 32139. |
| 1 JAN 0135 | 20 | 0. | 1 JAN 0905 | 110 | 3787. | 1 JAN 1635 | 200 | 131920. | 2 JAN 0005 | 290 | 31635. |
| 1 JAN 0140 | 21 | 0. | 1 JAN 0910 | 111 | 3958. | 1 JAN 1640 | 201 | 132564. | 2 JAN 0010 | 291 | 31142. |
| 1 JAN 0145 | 22 | 0. | 1 JAN 0915 | 112 | 4133. | 1 JAN 1645 | 202 | 133015. | 2 JAN 0015 | 292 | 30660. |
| 1 JAN 0150 | 23 | 0. | 1 JAN 0920 | 113 | 4313. | 1 JAN 1650 | 203 | 133279. | 2 JAN 0020 | 293 | 30189. |
| 1 JAN 0155 | 24 | 0. | 1 JAN 0925 | 114 | 4497. | 1 JAN 1655 | 204 | 133360. | 2 JAN 0025 | 294 | 29729. |
| 1 JAN 0200 | 25 | 0. | 1 JAN 0930 | 115 | 4685. | 1 JAN 1700 | 205 | 133262. | 2 JAN 0030 | 295 | 29280. |
| 1 JAN 0205 | 26 | 0. | 1 JAN 0935 | 116 | 4878. | 1 JAN 1705 | 206 | 132993. | 2 JAN 0035 | 296 | 28841. |
| 1 JAN 0210 | 27 | 0. | 1 JAN 0940 | 117 | 5075. | 1 JAN 1710 | 207 | 132558. | 2 JAN 0040 | 297 | 28412. |
| 1 JAN 0215 | 28 | 0. | 1 JAN 0945 | 118 | 5276. | 1 JAN 1715 | 208 | 131961. | 2 JAN 0045 | 298 | 27991. |
| 1 JAN 0220 | 29 | 0. | 1 JAN 0950 | 119 | 5482. | 1 JAN 1720 | 209 | 131212. | 2 JAN 0050 | 299 | 27577. |
| 1 JAN 0225 | 30 | 0. | 1 JAN 0955 | 120 | 5691. | 1 JAN 1725 | 210 | 130323. | 2 JAN 0055 | 300 | 27170. |
| 1 JAN 0230 | 31 | 0. | 1 JAN 1000 | 121 | 5905. | 1 JAN 1730 | 211 | 129310. | 2 JAN 0100 | 301 | 26769. |
| 1 JAN 0235 | 32 | 0. | 1 JAN 1005 | 122 | 6123. | 1 JAN 1735 | 212 | 128190. | 2 JAN 0105 | 302 | 26374. |
| 1 JAN 0240 | 33 | 0. | 1 JAN 1010 | 123 | 6346. | 1 JAN 1740 | 213 | 126973. | 2 JAN 0110 | 303 | 25987. |
| 1 JAN 0245 | 34 | 0. | 1 JAN 1015 | 124 | 6573. | 1 JAN 1745 | 214 | 125669. | 2 JAN 0115 | 304 | 25607. |
| 1 JAN 0250 | 35 | 0. | 1 JAN 1020 | 125 | 6805. | 1 JAN 1750 | 215 | 124289. | 2 JAN 0120 | 305 | 25236. |
| 1 JAN 0255 | 36 | 0. | 1 JAN 1025 | 126 | 7042. | 1 JAN 1755 | 216 | 122845. | 2 JAN 0125 | 306 | 24872. |
| 1 JAN 0300 | 37 | 0. | 1 JAN 1030 | 127 | 7285. | 1 JAN 1800 | 217 | 121351. | 2 JAN 0130 | 307 | 24515. |
| 1 JAN 0305 | 38 | 0. | 1 JAN 1035 | 128 | 7533. | 1 JAN 1805 | 218 | 119814. | 2 JAN 0135 | 308 | 24164. |
| 1 JAN 0310 | 39 | 0. | 1 JAN 1040 | 129 | 7788. | 1 JAN 1810 | 219 | 118239. | 2 JAN 0140 | 309 | 23819. |
| 1 JAN 0315 | 40 | 0. | 1 JAN 1045 | 130 | 8049. | 1 JAN 1815 | 220 | 116635. | 2 JAN 0145 | 310 | 23480. |
| 1 JAN 0320 | 41 | 0. | 1 JAN 1050 | 131 | 8318. | 1 JAN 1820 | 221 | 115013. | 2 JAN 0150 | 311 | 23145. |
| 1 JAN 0325 | 42 | 0. | 1 JAN 1055 | 132 | 8594. | 1 JAN 1825 | 222 | 113378. | 2 JAN 0155 | 312 | 22814. |
| 1 JAN 0330 | 43 | 0. | 1 JAN 1100 | 133 | 8878. | 1 JAN 1830 | 223 | 111735. | 2 JAN 0200 | 313 | 22488. |
| 1 JAN 0335 | 44 | 1. | 1 JAN 1105 | 134 | 9172. | 1 JAN 1835 | 224 | 110086. | 2 JAN 0205 | 314 | 22166. |
| 1 JAN 0340 | 45 | 1. | 1 JAN 1110 | 135 | 9474. | 1 JAN 1840 | 225 | 108435. | 2 JAN 0210 | 315 | 21849. |
| 1 JAN 0345 | 46 | 2. | 1 JAN 1115 | 136 | 9786. | 1 JAN 1845 | 226 | 106783. | 2 JAN 0215 | 316 | 21536. |
| 1 JAN 0350 | 47 | 2. | 1 JAN 1120 | 137 | 10110. | 1 JAN 1850 | 227 | 105127. | 2 JAN 0220 | 317 | 21226. |
| 1 JAN 0355 | 48 | 3. | 1 JAN 1125 | 138 | 10445. | 1 JAN 1855 | 228 | 103469. | 2 JAN 0225 | 318 | 20918. |
| 1 JAN 0400 | 49 | 5. | 1 JAN 1130 | 139 | 10794. | 1 JAN 1900 | 229 | 101808. | 2 JAN 0230 | 319 | 20613. |
| 1 JAN 0405 | 50 | 7. | 1 JAN 1135 | 140 | 11157. | 1 JAN 1905 | 230 | 100142. | 2 JAN 0235 | 320 | 20308. |
| 1 JAN 0410 | 51 | 9. | 1 JAN 1140 | 141 | 11538. | 1 JAN 1910 | 231 | 98463. | 2 JAN 0240 | 321 | 20004. |
| 1 JAN 0415 | 52 | 12. | 1 JAN 1145 | 142 | 11944. | 1 JAN 1915 | 232 | 96766. | 2 JAN 0245 | 322 | 19699. |
| 1 JAN 0420 | 53 | 15. | 1 JAN 1150 | 143 | 12386. | 1 JAN 1920 | 233 | 95048. | 2 JAN 0250 | 323 | 19394. |
| 1 JAN 0425 | 54 | 18. | 1 JAN 1155 | 144 | 12886. | 1 JAN 1925 | 234 | 93306. | 2 JAN 0255 | 324 | 19087. |
| 1 JAN 0430 | 55 | 23. | 1 JAN 1200 | 145 | 13469. | 1 JAN 1930 | 235 | 91541. | 2 JAN 0300 | 325 | 18780. |
| 1 JAN 0435 | 56 | 28. | 1 JAN 1205 | 146 | 14161. | 1 JAN 1935 | 236 | 89753. | 2 JAN 0305 | 326 | 18472. |

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 1 JAN 0440  57    34.  *  1 JAN 1210 147   14976.  *  1 JAN 1940 237   87946.  *  2 JAN 0310 327   18162.
 1 JAN 0445  58    40.  *  1 JAN 1215 148   15914.  *  1 JAN 1945 238   86124.  *  2 JAN 0315 328   17851.
 1 JAN 0450  59    48.  *  1 JAN 1220 149   16976.  *  1 JAN 1950 239   84293.  *  2 JAN 0320 329   17538.
 1 JAN 0455  60    56.  *  1 JAN 1225 150   18167.  *  1 JAN 1955 240   82458.  *  2 JAN 0325 330   17224.
 1 JAN 0500  61    65.  *  1 JAN 1230 151   19484.  *  1 JAN 2000 241   80629.  *  2 JAN 0330 331   16907.
 1 JAN 0505  62    75.  *  1 JAN 1235 152   20911.  *  1 JAN 2005 242   78817.  *  2 JAN 0335 332   16590.
 1 JAN 0510  63    87.  *  1 JAN 1240 153   22421.  *  1 JAN 2010 243   77032.  *  2 JAN 0340 333   16271.
 1 JAN 0515  64    99.  *  1 JAN 1245 154   23973.  *  1 JAN 2015 244   75285.  *  2 JAN 0345 334   15951.
 1 JAN 0520  65   113.  *  1 JAN 1250 155   25523.  *  1 JAN 2020 245   73585.  *  2 JAN 0350 335   15632.
 1 JAN 0525  66   128.  *  1 JAN 1255 156   27038.  *  1 JAN 2025 246   71936.  *  2 JAN 0355 336   15312.
 1 JAN 0530  67   145.  *  1 JAN 1300 157   28503.  *  1 JAN 2030 247   70343.  *  2 JAN 0400 337   14992.
 1 JAN 0535  68   163.  *  1 JAN 1305 158   29930.  *  1 JAN 2035 248   68802.  *  2 JAN 0405 338   14673.
 1 JAN 0540  69   184.  *  1 JAN 1310 159   31337.  *  1 JAN 2040 249   67314.  *  2 JAN 0410 339   14355.
 1 JAN 0545  70   206.  *  1 JAN 1315 160   32747.  *  1 JAN 2045 250   65876.  *  2 JAN 0415 340   14037.
 1 JAN 0550  71   230.  *  1 JAN 1320 161   34186.  *  1 JAN 2050 251   64485.  *  2 JAN 0420 341   13720.
 1 JAN 0555  72   256.  *  1 JAN 1325 162   35681.  *  1 JAN 2055 252   63139.  *  2 JAN 0425 342   13404.
 1 JAN 0600  73   285.  *  1 JAN 1330 163   37250.  *  1 JAN 2100 253   61836.  *  2 JAN 0430 343   13089.
 1 JAN 0605  74   316.  *  1 JAN 1335 164   38911.  *  1 JAN 2105 254   60571.  *  2 JAN 0435 344   12776.
 1 JAN 0610  75   349.  *  1 JAN 1340 165   40679.  *  1 JAN 2110 255   59344.  *  2 JAN 0440 345   12464.
 1 JAN 0615  76   385.  *  1 JAN 1345 166   42562.  *  1 JAN 2115 256   58150.  *  2 JAN 0445 346   12154.
 1 JAN 0620  77   424.  *  1 JAN 1350 167   44560.  *  1 JAN 2120 257   56988.  *  2 JAN 0450 347   11847.
 1 JAN 0625  78   466.  *  1 JAN 1355 168   46670.  *  1 JAN 2125 258   55857.  *  2 JAN 0455 348   11544.
 1 JAN 0630  79   512.  *  1 JAN 1400 169   48895.  *  1 JAN 2130 259   54758.  *  2 JAN 0500 349   11243.
 1 JAN 0635  80   560.  *  1 JAN 1405 170   51246.  *  1 JAN 2135 260   53689.  *  2 JAN 0505 350   10946.
 1 JAN 0640  81   612.  *  1 JAN 1410 171   53741.  *  1 JAN 2140 261   52653.  *  2 JAN 0510 351   10652.
 1 JAN 0645  82   667.  *  1 JAN 1415 172   56390.  *  1 JAN 2145 262   51649.  *  2 JAN 0515 352   10362.
 1 JAN 0650  83   725.  *  1 JAN 1420 173   59191.  *  1 JAN 2150 263   50678.  *  2 JAN 0520 353   10078.
 1 JAN 0655  84   787.  *  1 JAN 1425 174   62129.  *  1 JAN 2155 264   49736.  *  2 JAN 0525 354    9798.
 1 JAN 0700  85   853.  *  1 JAN 1430 175   65190.  *  1 JAN 2200 265   48823.  *  2 JAN 0530 355    9523.
 1 JAN 0705  86   923.  *  1 JAN 1435 176   68366.  *  1 JAN 2205 266   47934.  *  2 JAN 0535 356    9254.
 1 JAN 0710  87   996.  *  1 JAN 1440 177   71648.  *  1 JAN 2210 267   47068.  *  2 JAN 0540 357    8991.
 1 JAN 0715  88  1073.  *  1 JAN 1445 178   75019.  *  1 JAN 2215 268   46223.  *  2 JAN 0545 358    8733.
 1 JAN 0720  89  1154.  *  1 JAN 1450 179   78450.  *  1 JAN 2220 269   45396.  *  2 JAN 0550 359    8480.
 1 JAN 0725  90  1239.  *  1 JAN 1455 180   81922.  *  1 JAN 2225 270   44587.  *  2 JAN 0555 360    8233.
                     *                        *                        *
*****************************************************************************************************************************

 PEAK FLOW    TIME                MAXIMUM AVERAGE FLOW
                     6-HR     24-HR     72-HR    29.92-HR
+ (CFS)     (HR)
              (CFS)
+ 133360.   16.92          107013.    43180.    34646.    34646.
            (INCHES)   9.017    14.553    14.556    14.556
            (AC-FT)   53064.    85647.    85660.    85660.

            CUMULATIVE AREA =  110.34 SQ MI


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


      **************
      *            *
 146 KK   *   6BPMP  *
      *            *
      **************

 147 KO      OUTPUT CONTROL VARIABLES
             IPRNT        0  PRINT CONTROL
             IPLOT        0  PLOT CONTROL
             QSCAL       0.  HYDROGRAPH PLOT SCALE
             IPNCH        1  PUNCH COMPUTED HYDROGRAPH
             IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
             ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
             ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
             TIMINT   0.083  TIME INTERVAL IN HOURS


 150 IN      TIME DATA FOR INPUT TIME SERIES
             JXMIN        6  TIME INTERVAL IN MINUTES
             JXDATE   1JAN94  STARTING DATE
             JXTIME       0  STARTING TIME
```

SUBBASIN RUNOFF DATA

148 BA SUBBASIN CHARACTERISTICS
TAREA, 0.08 SUBBASIN AREA

PRECIPITATION DATA

149 PB STORM 15.61 BASIN TOTAL PRECIPITATION

151 PI INCREMENTAL PRECIPITATION PATTERN

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 |
| 0.05 | 0.08 | 0.11 | 0.08 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

176 LS SCS LOSS RATE
STRTL 0.50 INITIAL ABSTRACTION
CRVNBR 80.00 CURVE NUMBER
RTIMP 0.00 PERCENT IMPERVIOUS AREA

177 UD SCS DIMENSIONLESS UNITGRAPH
TLAG 0.28 LAG

***

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

UNIT HYDROGRAPH
19 END-OF-PERIOD ORDINATES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 19. | 64. | 114. | 124. | 107. | 75. | 47. | 31. | 20. | 13. |
| 9. | 6. | 4. | 2. | 2. | 1. | 1. | 0. | 0. | |

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HYDROGRAPH AT STATION 6BPMP

**********

| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | * | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | * | 1 JAN 1500 | 181 | 0.04 | 0.00 | 0.04 | 26. |
| 1 JAN 0005 | 2 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1505 | 182 | 0.04 | 0.00 | 0.04 | 26. |
| 1 JAN 0010 | 3 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1510 | 183 | 0.04 | 0.00 | 0.04 | 25. |
| 1 JAN 0015 | 4 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1515 | 184 | 0.04 | 0.00 | 0.04 | 25. |
| 1 JAN 0020 | 5 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1520 | 185 | 0.04 | 0.00 | 0.03 | 24. |
| 1 JAN 0025 | 6 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1525 | 186 | 0.04 | 0.00 | 0.03 | 24. |
| 1 JAN 0030 | 7 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1530 | 187 | 0.04 | 0.00 | 0.03 | 23. |
| 1 JAN 0035 | 8 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1535 | 188 | 0.03 | 0.00 | 0.03 | 23. |
| 1 JAN 0040 | 9 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1540 | 189 | 0.03 | 0.00 | 0.03 | 22. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0045 | 10 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1545 | 190 | 0.03 | 0.00 | 0.03 | 22. |
| 1 JAN 0050 | 11 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1550 | 191 | 0.03 | 0.00 | 0.03 | 22. |
| 1 JAN 0055 | 12 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1555 | 192 | 0.03 | 0.00 | 0.03 | 21. |
| 1 JAN 0100 | 13 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1600 | 193 | 0.03 | 0.00 | 0.03 | 21. |
| 1 JAN 0105 | 14 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1605 | 194 | 0.03 | 0.00 | 0.03 | 20. |
| 1 JAN 0110 | 15 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1610 | 195 | 0.03 | 0.00 | 0.03 | 20. |
| 1 JAN 0115 | 16 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1615 | 196 | 0.03 | 0.00 | 0.03 | 19. |
| 1 JAN 0120 | 17 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1620 | 197 | 0.03 | 0.00 | 0.03 | 19. |
| 1 JAN 0125 | 18 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1625 | 198 | 0.03 | 0.00 | 0.03 | 19. |
| 1 JAN 0130 | 19 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1630 | 199 | 0.03 | 0.00 | 0.03 | 18. |
| 1 JAN 0135 | 20 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1635 | 200 | 0.03 | 0.00 | 0.03 | 18. |
| 1 JAN 0140 | 21 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1640 | 201 | 0.03 | 0.00 | 0.03 | 18. |
| 1 JAN 0145 | 22 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1645 | 202 | 0.03 | 0.00 | 0.03 | 18. |
| 1 JAN 0150 | 23 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1650 | 203 | 0.03 | 0.00 | 0.03 | 18. |
| 1 JAN 0155 | 24 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1655 | 204 | 0.03 | 0.00 | 0.03 | 18. |
| 1 JAN 0200 | 25 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1700 | 205 | 0.03 | 0.00 | 0.03 | 17. |
| 1 JAN 0205 | 26 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1705 | 206 | 0.03 | 0.00 | 0.03 | 17. |
| 1 JAN 0210 | 27 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1710 | 207 | 0.03 | 0.00 | 0.03 | 17. |
| 1 JAN 0215 | 28 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1715 | 208 | 0.03 | 0.00 | 0.03 | 17. |
| 1 JAN 0220 | 29 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1720 | 209 | 0.03 | 0.00 | 0.02 | 17. |
| 1 JAN 0225 | 30 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1725 | 210 | 0.02 | 0.00 | 0.02 | 16. |
| 1 JAN 0230 | 31 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1730 | 211 | 0.03 | 0.00 | 0.03 | 16. |
| 1 JAN 0235 | 32 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1735 | 212 | 0.02 | 0.00 | 0.02 | 16. |
| 1 JAN 0240 | 33 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1740 | 213 | 0.02 | 0.00 | 0.02 | 16. |
| 1 JAN 0245 | 34 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1745 | 214 | 0.02 | 0.00 | 0.02 | 16. |
| 1 JAN 0250 | 35 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1750 | 215 | 0.02 | 0.00 | 0.02 | 16. |
| 1 JAN 0255 | 36 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1755 | 216 | 0.02 | 0.00 | 0.02 | 16. |
| 1 JAN 0300 | 37 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1800 | 217 | 0.02 | 0.00 | 0.02 | 15. |
| 1 JAN 0305 | 38 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1805 | 218 | 0.02 | 0.00 | 0.02 | 15. |
| 1 JAN 0310 | 39 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1810 | 219 | 0.02 | 0.00 | 0.02 | 15. |
| 1 JAN 0315 | 40 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1815 | 220 | 0.02 | 0.00 | 0.02 | 15. |
| 1 JAN 0320 | 41 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1820 | 221 | 0.02 | 0.00 | 0.02 | 15. |
| 1 JAN 0325 | 42 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1825 | 222 | 0.02 | 0.00 | 0.02 | 14. |
| 1 JAN 0330 | 43 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1830 | 223 | 0.02 | 0.00 | 0.02 | 14. |
| 1 JAN 0335 | 44 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1835 | 224 | 0.02 | 0.00 | 0.02 | 14. |
| 1 JAN 0340 | 45 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1840 | 225 | 0.02 | 0.00 | 0.02 | 14. |
| 1 JAN 0345 | 46 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1845 | 226 | 0.02 | 0.00 | 0.02 | 14. |
| 1 JAN 0350 | 47 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1850 | 227 | 0.02 | 0.00 | 0.02 | 14. |
| 1 JAN 0355 | 48 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1855 | 228 | 0.02 | 0.00 | 0.02 | 13. |
| 1 JAN 0400 | 49 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1900 | 229 | 0.02 | 0.00 | 0.02 | 13. |
| 1 JAN 0405 | 50 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1905 | 230 | 0.02 | 0.00 | 0.02 | 13. |
| 1 JAN 0410 | 51 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1910 | 231 | 0.02 | 0.00 | 0.02 | 13. |
| 1 JAN 0415 | 52 | 0.02 | 0.02 | 0.00 | 2. | * | 1 JAN 1915 | 232 | 0.02 | 0.00 | 0.02 | 13. |
| 1 JAN 0420 | 53 | 0.02 | 0.02 | 0.00 | 2. | * | 1 JAN 1920 | 233 | 0.02 | 0.00 | 0.02 | 13. |
| 1 JAN 0425 | 54 | 0.02 | 0.02 | 0.00 | 2. | * | 1 JAN 1925 | 234 | 0.02 | 0.00 | 0.02 | 12. |
| 1 JAN 0430 | 55 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1930 | 235 | 0.02 | 0.00 | 0.02 | 12. |
| 1 JAN 0435 | 56 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1935 | 236 | 0.02 | 0.00 | 0.02 | 12. |
| 1 JAN 0440 | 57 | 0.02 | 0.01 | 0.00 | 3. | * | 1 JAN 1940 | 237 | 0.02 | 0.00 | 0.02 | 12. |
| 1 JAN 0445 | 58 | 0.02 | 0.01 | 0.01 | 3. | * | 1 JAN 1945 | 238 | 0.02 | 0.00 | 0.02 | 12. |
| 1 JAN 0450 | 59 | 0.02 | 0.01 | 0.01 | 3. | * | 1 JAN 1950 | 239 | 0.02 | 0.00 | 0.02 | 12. |
| 1 JAN 0455 | 60 | 0.02 | 0.01 | 0.01 | 3. | * | 1 JAN 1955 | 240 | 0.02 | 0.00 | 0.02 | 12. |
| 1 JAN 0500 | 61 | 0.02 | 0.01 | 0.01 | 3. | * | 1 JAN 2000 | 241 | 0.02 | 0.00 | 0.02 | 11. |
| 1 JAN 0505 | 62 | 0.02 | 0.01 | 0.01 | 3. | * | 1 JAN 2005 | 242 | 0.02 | 0.00 | 0.02 | 11. |
| 1 JAN 0510 | 63 | 0.02 | 0.01 | 0.01 | 4. | * | 1 JAN 2010 | 243 | 0.02 | 0.00 | 0.02 | 11. |
| 1 JAN 0515 | 64 | 0.02 | 0.01 | 0.01 | 4. | * | 1 JAN 2015 | 244 | 0.02 | 0.00 | 0.02 | 11. |
| 1 JAN 0520 | 65 | 0.02 | 0.01 | 0.01 | 4. | * | 1 JAN 2020 | 245 | 0.02 | 0.00 | 0.02 | 11. |
| 1 JAN 0525 | 66 | 0.02 | 0.01 | 0.01 | 4. | * | 1 JAN 2025 | 246 | 0.02 | 0.00 | 0.02 | 11. |
| 1 JAN 0530 | 67 | 0.02 | 0.01 | 0.01 | 4. | * | 1 JAN 2030 | 247 | 0.02 | 0.00 | 0.02 | 11. |
| 1 JAN 0535 | 68 | 0.02 | 0.02 | 0.01 | 4. | * | 1 JAN 2035 | 248 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0540 | 69 | 0.02 | 0.01 | 0.01 | 5. | * | 1 JAN 2040 | 249 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0545 | 70 | 0.02 | 0.01 | 0.01 | 5. | * | 1 JAN 2045 | 250 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0550 | 71 | 0.02 | 0.01 | 0.01 | 5. | * | 1 JAN 2050 | 251 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0555 | 72 | 0.02 | 0.01 | 0.01 | 5. | * | 1 JAN 2055 | 252 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0600 | 73 | 0.02 | 0.01 | 0.01 | 5. | * | 1 JAN 2100 | 253 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0605 | 74 | 0.02 | 0.01 | 0.01 | 5. | * | 1 JAN 2105 | 254 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0610 | 75 | 0.02 | 0.01 | 0.01 | 6. | * | 1 JAN 2110 | 255 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0615 | 76 | 0.02 | 0.01 | 0.01 | 6. | * | 1 JAN 2115 | 256 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0620 | 77 | 0.02 | 0.01 | 0.01 | 6. | * | 1 JAN 2120 | 257 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0625 | 78 | 0.02 | 0.01 | 0.01 | 6. | * | 1 JAN 2125 | 258 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0630 | 79 | 0.02 | 0.01 | 0.01 | 6. | * | 1 JAN 2130 | 259 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0635 | 80 | 0.03 | 0.01 | 0.01 | 7. | * | 1 JAN 2135 | 260 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0640 | 81 | 0.02 | 0.01 | 0.01 | 7. | * | 1 JAN 2140 | 261 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0645 | 82 | 0.02 | 0.01 | 0.01 | 7. | * | 1 JAN 2145 | 262 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0650 | 83 | 0.03 | 0.01 | 0.01 | 7. | * | 1 JAN 2150 | 263 | 0.02 | 0.00 | 0.02 | 10. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0655 | 84 | 0.03 | 0.01 | 0.01 | 7. | * | 1 JAN 2155 | 264 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0700 | 85 | 0.03 | 0.01 | 0.01 | 7. | * | 1 JAN 2200 | 265 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0705 | 86 | 0.03 | 0.01 | 0.01 | 8. | * | 1 JAN 2205 | 266 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0710 | 87 | 0.03 | 0.01 | 0.01 | 8. | * | 1 JAN 2210 | 267 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0715 | 88 | 0.03 | 0.01 | 0.01 | 8. | * | 1 JAN 2215 | 268 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0720 | 89 | 0.03 | 0.01 | 0.01 | 8. | * | 1 JAN 2220 | 269 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0725 | 90 | 0.03 | 0.01 | 0.01 | 8. | * | 1 JAN 2225 | 270 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0730 | 91 | 0.03 | 0.01 | 0.01 | 9. | * | 1 JAN 2230 | 271 | 0.01 | 0.00 | 0.01 | 10. |
| 1 JAN 0735 | 92 | 0.03 | 0.01 | 0.01 | 9. | * | 1 JAN 2235 | 272 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0740 | 93 | 0.03 | 0.01 | 0.02 | 9. | * | 1 JAN 2240 | 273 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0745 | 94 | 0.03 | 0.01 | 0.02 | 9. | * | 1 JAN 2245 | 274 | 0.01 | 0.00 | 0.01 | 10. |
| 1 JAN 0750 | 95 | 0.03 | 0.01 | 0.02 | 9. | * | 1 JAN 2250 | 275 | 0.01 | 0.00 | 0.01 | 10. |
| 1 JAN 0755 | 96 | 0.03 | 0.01 | 0.02 | 10. | * | 1 JAN 2255 | 276 | 0.02 | 0.00 | 0.02 | 10. |
| 1 JAN 0800 | 97 | 0.03 | 0.01 | 0.02 | 10. | * | 1 JAN 2300 | 277 | 0.02 | 0.00 | 0.02 | 9. |
| 1 JAN 0805 | 98 | 0.03 | 0.01 | 0.02 | 10. | * | 1 JAN 2305 | 278 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0810 | 99 | 0.03 | 0.01 | 0.02 | 10. | * | 1 JAN 2310 | 279 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0815 | 100 | 0.03 | 0.01 | 0.02 | 11. | * | 1 JAN 2315 | 280 | 0.02 | 0.00 | 0.01 | 9. |
| 1 JAN 0820 | 101 | 0.03 | 0.01 | 0.02 | 11. | * | 1 JAN 2320 | 281 | 0.02 | 0.00 | 0.01 | 9. |
| 1 JAN 0825 | 102 | 0.03 | 0.01 | 0.02 | 11. | * | 1 JAN 2325 | 282 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0830 | 103 | 0.04 | 0.01 | 0.02 | 12. | * | 1 JAN 2330 | 283 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0835 | 104 | 0.04 | 0.01 | 0.02 | 12. | * | 1 JAN 2335 | 284 | 0.02 | 0.00 | 0.02 | 9. |
| 1 JAN 0840 | 105 | 0.04 | 0.01 | 0.02 | 13. | * | 1 JAN 2340 | 285 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0845 | 106 | 0.04 | 0.01 | 0.02 | 13. | * | 1 JAN 2345 | 286 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0850 | 107 | 0.04 | 0.01 | 0.02 | 14. | * | 1 JAN 2350 | 287 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0855 | 108 | 0.04 | 0.01 | 0.03 | 14. | * | 1 JAN 2355 | 288 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0900 | 109 | 0.04 | 0.01 | 0.03 | 15. | * | 2 JAN 0000 | 289 | 0.01 | 0.00 | 0.01 | 9. |
| 1 JAN 0905 | 110 | 0.04 | 0.01 | 0.03 | 15. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 9. |
| 1 JAN 0910 | 111 | 0.04 | 0.01 | 0.03 | 16. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 8. |
| 1 JAN 0915 | 112 | 0.04 | 0.01 | 0.03 | 16. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 6. |
| 1 JAN 0920 | 113 | 0.04 | 0.01 | 0.03 | 17. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 4. |
| 1 JAN 0925 | 114 | 0.04 | 0.01 | 0.03 | 17. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 3. |
| 1 JAN 0930 | 115 | 0.04 | 0.01 | 0.03 | 18. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 2. |
| 1 JAN 0935 | 116 | 0.04 | 0.01 | 0.03 | 18. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 0940 | 117 | 0.04 | 0.01 | 0.03 | 18. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 0945 | 118 | 0.05 | 0.01 | 0.03 | 18. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 1. |
| 1 JAN 0950 | 119 | 0.05 | 0.01 | 0.03 | 19. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 0955 | 120 | 0.05 | 0.01 | 0.04 | 20. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1000 | 121 | 0.05 | 0.01 | 0.04 | 20. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1005 | 122 | 0.05 | 0.01 | 0.04 | 21. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1010 | 123 | 0.06 | 0.01 | 0.04 | 22. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1015 | 124 | 0.06 | 0.01 | 0.04 | 23. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1020 | 125 | 0.06 | 0.02 | 0.05 | 24. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1025 | 126 | 0.06 | 0.02 | 0.05 | 25. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1030 | 127 | 0.07 | 0.02 | 0.05 | 27. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1035 | 128 | 0.07 | 0.02 | 0.05 | 28. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1040 | 129 | 0.07 | 0.02 | 0.06 | 30. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1045 | 130 | 0.08 | 0.02 | 0.06 | 31. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1050 | 131 | 0.08 | 0.02 | 0.07 | 33. | * | 2 JAN 0150 | 311 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1055 | 132 | 0.09 | 0.02 | 0.07 | 35. | * | 2 JAN 0155 | 312 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1100 | 133 | 0.09 | 0.02 | 0.07 | 37. | * | 2 JAN 0200 | 313 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1105 | 134 | 0.10 | 0.02 | 0.08 | 40. | * | 2 JAN 0205 | 314 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1110 | 135 | 0.11 | 0.02 | 0.09 | 42. | * | 2 JAN 0210 | 315 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1115 | 136 | 0.12 | 0.02 | 0.10 | 46. | * | 2 JAN 0215 | 316 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1120 | 137 | 0.13 | 0.02 | 0.11 | 50. | * | 2 JAN 0220 | 317 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1125 | 138 | 0.14 | 0.02 | 0.12 | 54. | * | 2 JAN 0225 | 318 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1130 | 139 | 0.15 | 0.02 | 0.13 | 59. | * | 2 JAN 0230 | 319 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1135 | 140 | 0.31 | 0.04 | 0.26 | 67. | * | 2 JAN 0235 | 320 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1140 | 141 | 0.56 | 0.07 | 0.49 | 85. | * | 2 JAN 0240 | 321 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1145 | 142 | 0.84 | 0.09 | 0.75 | 124. | * | 2 JAN 0245 | 322 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1150 | 143 | 1.31 | 0.11 | 1.20 | 194. | * | 2 JAN 0250 | 323 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1155 | 144 | 1.67 | 0.10 | 1.57 | 305. | * | 2 JAN 0255 | 324 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1200 | 145 | 1.24 | 0.06 | 1.18 | 441. | * | 2 JAN 0300 | 325 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1205 | 146 | 0.25 | 0.01 | 0.24 | 547. | * | 2 JAN 0305 | 326 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1210 | 147 | 0.22 | 0.01 | 0.21 | 571. | * | 2 JAN 0310 | 327 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1215 | 148 | 0.20 | 0.01 | 0.19 | 508. | * | 2 JAN 0315 | 328 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1220 | 149 | 0.18 | 0.01 | 0.17 | 408. | * | 2 JAN 0320 | 329 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1225 | 150 | 0.15 | 0.01 | 0.15 | 312. | * | 2 JAN 0325 | 330 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1230 | 151 | 0.13 | 0.00 | 0.12 | 240. | * | 2 JAN 0330 | 331 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1235 | 152 | 0.11 | 0.00 | 0.11 | 190. | * | 2 JAN 0335 | 332 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1240 | 153 | 0.11 | 0.00 | 0.10 | 153. | * | 2 JAN 0340 | 333 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1245 | 154 | 0.10 | 0.00 | 0.10 | 125. | * | 2 JAN 0345 | 334 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1250 | 155 | 0.09 | 0.00 | 0.09 | 104. | * | 2 JAN 0350 | 335 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1255 | 156 | 0.09 | 0.00 | 0.08 | 89. | * | 2 JAN 0355 | 336 | 0.00 | 0.00 | 0.00 | 0. |
| 1 JAN 1300 | 157 | 0.08 | 0.00 | 0.08 | 79. | * | 2 JAN 0400 | 337 | 0.00 | 0.00 | 0.00 | 0. |

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 1 JAN 1305 158  0.08  0.00  0.08   70.   *   2 JAN 0405 338  0.00  0.00  0.00   0.
 1 JAN 1310 159  0.07  0.00  0.07   64.   *   2 JAN 0410 339  0.00  0.00  0.00   0.
 1 JAN 1315 160  0.07  0.00  0.07   58.   *   2 JAN 0415 340  0.00  0.00  0.00   0.
 1 JAN 1320 161  0.07  0.00  0.07   54.   *   2 JAN 0420 341  0.00  0.00  0.00   0.
 1 JAN 1325 162  0.07  0.00  0.06   50.   *   2 JAN 0425 342  0.00  0.00  0.00   0.
 1 JAN 1330 163  0.06  0.00  0.06   47.   *   2 JAN 0430 343  0.00  0.00  0.00   0.
 1 JAN 1335 164  0.06  0.00  0.06   45.   *   2 JAN 0435 344  0.00  0.00  0.00   0.
 1 JAN 1340 165  0.06  0.00  0.06   43.   *   2 JAN 0440 345  0.00  0.00  0.00   0.
 1 JAN 1345 166  0.06  0.00  0.05   41.   *   2 JAN 0445 346  0.00  0.00  0.00   0.
 1 JAN 1350 167  0.05  0.00  0.05   39.   *   2 JAN 0450 347  0.00  0.00  0.00   0.
 1 JAN 1355 168  0.05  0.00  0.05   38.   *   2 JAN 0455 348  0.00  0.00  0.00   0.
 1 JAN 1400 169  0.05  0.00  0.05   36.   *   2 JAN 0500 349  0.00  0.00  0.00   0.
 1 JAN 1405 170  0.05  0.00  0.05   35.   *   2 JAN 0505 350  0.00  0.00  0.00   0.
 1 JAN 1410 171  0.05  0.00  0.05   33.   *   2 JAN 0510 351  0.00  0.00  0.00   0.
 1 JAN 1415 172  0.05  0.00  0.04   32.   *   2 JAN 0515 352  0.00  0.00  0.00   0.
 1 JAN 1420 173  0.05  0.00  0.04   31.   *   2 JAN 0520 353  0.00  0.00  0.00   0.
 1 JAN 1425 174  0.04  0.00  0.04   30.   *   2 JAN 0525 354  0.00  0.00  0.00   0.
 1 JAN 1430 175  0.04  0.00  0.04   29.   *   2 JAN 0530 355  0.00  0.00  0.00   0.
 1 JAN 1435 176  0.04  0.00  0.04   29.   *   2 JAN 0535 356  0.00  0.00  0.00   0.
 1 JAN 1440 177  0.04  0.00  0.04   28.   *   2 JAN 0540 357  0.00  0.00  0.00   0.
 1 JAN 1445 178  0.04  0.00  0.04   28.   *   2 JAN 0545 358  0.00  0.00  0.00   0.
 1 JAN 1450 179  0.04  0.00  0.04   27.   *   2 JAN 0550 359  0.00  0.00  0.00   0.
 1 JAN 1455 180  0.04  0.00  0.04   27.   *   2 JAN 0555 360  0.00  0.00  0.00   0.
                                     *
*****************************************************************************************************************************

  TOTAL RAINFALL =  15.61, TOTAL LOSS =  2.65, TOTAL EXCESS =  12.96

 PEAK FLOW    TIME                MAXIMUM AVERAGE FLOW
                      6-HR     24-HR     72-HR    29.92-HR
+ (CFS)     (HR)
              (CFS)
+   571.   12.17          89.      29.      23.      23.
             (INCHES)  10.024   12.965   12.965   12.965
             (AC-FT)   44.      57.      57.      57.

             CUMULATIVE AREA =   0.08 SQ MI


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


      **************
      *            *
178 KK   *   7BPMP  *
      *            *
      **************

179 KO       OUTPUT CONTROL VARIABLES
             IPRNT        0  PRINT CONTROL
             IPLOT        0  PLOT CONTROL
             QSCAL       0.  HYDROGRAPH PLOT SCALE
             IPNCH        1  PUNCH COMPUTED HYDROGRAPH
             IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
             ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
             ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
             TIMINT   0.083  TIME INTERVAL IN HOURS


182 IN       TIME DATA FOR INPUT TIME SERIES
             JXMIN        6  TIME INTERVAL IN MINUTES
             JXDATE   1JAN94  STARTING DATE
             JXTIME       0  STARTING TIME

         SUBBASIN RUNOFF DATA

180 BA       SUBBASIN CHARACTERISTICS
             TAREA,    7.18  SUBBASIN AREA

         PRECIPITATION DATA

181 PB           STORM    15.07  BASIN TOTAL PRECIPITATION
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183 PI INCREMENTAL PRECIPITATION PATTERN

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 |
| 0.05 | 0.08 | 0.11 | 0.08 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

208 LS SCS LOSS RATE
STRTL 0.50 INITIAL ABSTRACTION
CRVNBR 80.00 CURVE NUMBER
RTIMP 0.00 PERCENT IMPERVIOUS AREA

209 UD SCS DIMENSIONLESS UNITGRAPH
TLAG 2.95 LAG

***

UNIT HYDROGRAPH
179 END-OF-PERIOD ORDINATES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10. | 19. | 29. | 44. | 66. | 89. | 111. | 139. | 168. | 197. |
| 228. | 267. | 305. | 344. | 391. | 442. | 494. | 545. | 606. | 668. |
| 729. | 786. | 837. | 889. | 940. | 978. | 1014. | 1049. | 1081. | 1100. |
| 1119. | 1139. | 1148. | 1151. | 1154. | 1157. | 1154. | 1151. | 1147. | 1137. |
| 1118. | 1098. | 1079. | 1057. | 1035. | 1012. | 989. | 963. | 937. | 911. |
| 881. | 849. | 817. | 784. | 746. | 707. | 669. | 633. | 601. | 569. |
| 536. | 513. | 490. | 468. | 446. | 427. | 407. | 388. | 371. | 355. |
| 339. | 323. | 311. | 300. | 288. | 276. | 264. | 253. | 241. | 231. |
| 221. | 212. | 202. | 192. | 183. | 173. | 166. | 159. | 153. | 146. |
| 140. | 133. | 127. | 121. | 117. | 112. | 107. | 102. | 97. | 92. |
| 88. | 84. | 81. | 77. | 74. | 70. | 67. | 63. | 61. | 59. |
| 56. | 54. | 51. | 49. | 46. | 45. | 43. | 41. | 39. | 38. |
| 36. | 34. | 33. | 31. | 30. | 29. | 27. | 26. | 25. | 24. |
| 23. | 22. | 21. | 20. | 19. | 18. | 17. | 16. | 16. | 15. |
| 15. | 14. | 13. | 13. | 12. | 12. | 12. | 11. | 11. | 10. |
| 10. | 10. | 9. | 9. | 8. | 8. | 8. | 7. | 7. | 6. |
| 6. | 6. | 5. | 5. | 5. | 4. | 4. | 4. | 3. | 3. |
| 3. | 3. | 2. | 2. | 2. | 1. | 1. | 1. | 0. | |

**********

HYDROGRAPH AT STATION 7BPMP

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| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | * | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | * | 1 JAN 1500 | 181 | 0.04 | 0.00 | 0.04 | 9591. |
| 1 JAN 0005 | 2 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1505 | 182 | 0.04 | 0.00 | 0.04 | 9567. |
| 1 JAN 0010 | 3 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1510 | 183 | 0.04 | 0.00 | 0.04 | 9517. |
| 1 JAN 0015 | 4 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1515 | 184 | 0.04 | 0.00 | 0.03 | 9441. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0020 | 5 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1520 | 185 | 0.03 | 0.00 | 0.03 | 9348. |
| 1 JAN 0025 | 6 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1525 | 186 | 0.03 | 0.00 | 0.03 | 9244. |
| 1 JAN 0030 | 7 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1530 | 187 | 0.03 | 0.00 | 0.03 | 9130. |
| 1 JAN 0035 | 8 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1535 | 188 | 0.03 | 0.00 | 0.03 | 9005. |
| 1 JAN 0040 | 9 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1540 | 189 | 0.03 | 0.00 | 0.03 | 8872. |
| 1 JAN 0045 | 10 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1545 | 190 | 0.03 | 0.00 | 0.03 | 8729. |
| 1 JAN 0050 | 11 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1550 | 191 | 0.03 | 0.00 | 0.03 | 8577. |
| 1 JAN 0055 | 12 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1555 | 192 | 0.03 | 0.00 | 0.03 | 8415. |
| 1 JAN 0100 | 13 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1600 | 193 | 0.03 | 0.00 | 0.03 | 8243. |
| 1 JAN 0105 | 14 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1605 | 194 | 0.03 | 0.00 | 0.03 | 8058. |
| 1 JAN 0110 | 15 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1610 | 195 | 0.03 | 0.00 | 0.03 | 7861. |
| 1 JAN 0115 | 16 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1615 | 196 | 0.03 | 0.00 | 0.03 | 7655. |
| 1 JAN 0120 | 17 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1620 | 197 | 0.03 | 0.00 | 0.03 | 7439. |
| 1 JAN 0125 | 18 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1625 | 198 | 0.03 | 0.00 | 0.03 | 7214. |
| 1 JAN 0130 | 19 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1630 | 199 | 0.03 | 0.00 | 0.03 | 6984. |
| 1 JAN 0135 | 20 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1635 | 200 | 0.03 | 0.00 | 0.03 | 6757. |
| 1 JAN 0140 | 21 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1640 | 201 | 0.03 | 0.00 | 0.03 | 6537. |
| 1 JAN 0145 | 22 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1645 | 202 | 0.03 | 0.00 | 0.03 | 6326. |
| 1 JAN 0150 | 23 | 0.01 | 0.01 | 0.00 | 0. | * | 1 JAN 1650 | 203 | 0.03 | 0.00 | 0.03 | 6124. |
| 1 JAN 0155 | 24 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1655 | 204 | 0.03 | 0.00 | 0.03 | 5932. |
| 1 JAN 0200 | 25 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1700 | 205 | 0.03 | 0.00 | 0.03 | 5754. |
| 1 JAN 0205 | 26 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1705 | 206 | 0.03 | 0.00 | 0.02 | 5588. |
| 1 JAN 0210 | 27 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1710 | 207 | 0.03 | 0.00 | 0.02 | 5426. |
| 1 JAN 0215 | 28 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1715 | 208 | 0.03 | 0.00 | 0.02 | 5271. |
| 1 JAN 0220 | 29 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1720 | 209 | 0.02 | 0.00 | 0.02 | 5121. |
| 1 JAN 0225 | 30 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1725 | 210 | 0.02 | 0.00 | 0.02 | 4977. |
| 1 JAN 0230 | 31 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1730 | 211 | 0.03 | 0.00 | 0.02 | 4836. |
| 1 JAN 0235 | 32 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1735 | 212 | 0.02 | 0.00 | 0.02 | 4702. |
| 1 JAN 0240 | 33 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1740 | 213 | 0.02 | 0.00 | 0.02 | 4574. |
| 1 JAN 0245 | 34 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1745 | 214 | 0.02 | 0.00 | 0.02 | 4452. |
| 1 JAN 0250 | 35 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1750 | 215 | 0.02 | 0.00 | 0.02 | 4335. |
| 1 JAN 0255 | 36 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1755 | 216 | 0.02 | 0.00 | 0.02 | 4225. |
| 1 JAN 0300 | 37 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1800 | 217 | 0.02 | 0.00 | 0.02 | 4120. |
| 1 JAN 0305 | 38 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1805 | 218 | 0.02 | 0.00 | 0.02 | 4017. |
| 1 JAN 0310 | 39 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1810 | 219 | 0.02 | 0.00 | 0.02 | 3915. |
| 1 JAN 0315 | 40 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1815 | 220 | 0.02 | 0.00 | 0.02 | 3815. |
| 1 JAN 0320 | 41 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1820 | 221 | 0.02 | 0.00 | 0.02 | 3717. |
| 1 JAN 0325 | 42 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1825 | 222 | 0.02 | 0.00 | 0.02 | 3623. |
| 1 JAN 0330 | 43 | 0.02 | 0.01 | 0.00 | 0. | * | 1 JAN 1830 | 223 | 0.02 | 0.00 | 0.02 | 3532. |
| 1 JAN 0335 | 44 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1835 | 224 | 0.02 | 0.00 | 0.02 | 3444. |
| 1 JAN 0340 | 45 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1840 | 225 | 0.02 | 0.00 | 0.02 | 3358. |
| 1 JAN 0345 | 46 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1845 | 226 | 0.02 | 0.00 | 0.02 | 3273. |
| 1 JAN 0350 | 47 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1850 | 227 | 0.02 | 0.00 | 0.02 | 3190. |
| 1 JAN 0355 | 48 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1855 | 228 | 0.02 | 0.00 | 0.02 | 3109. |
| 1 JAN 0400 | 49 | 0.02 | 0.01 | 0.00 | 1. | * | 1 JAN 1900 | 229 | 0.02 | 0.00 | 0.02 | 3033. |
| 1 JAN 0405 | 50 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1905 | 230 | 0.02 | 0.00 | 0.02 | 2961. |
| 1 JAN 0410 | 51 | 0.02 | 0.01 | 0.00 | 2. | * | 1 JAN 1910 | 231 | 0.02 | 0.00 | 0.02 | 2893. |
| 1 JAN 0415 | 52 | 0.02 | 0.01 | 0.00 | 3. | * | 1 JAN 1915 | 232 | 0.02 | 0.00 | 0.02 | 2827. |
| 1 JAN 0420 | 53 | 0.02 | 0.02 | 0.00 | 4. | * | 1 JAN 1920 | 233 | 0.02 | 0.00 | 0.02 | 2763. |
| 1 JAN 0425 | 54 | 0.02 | 0.01 | 0.00 | 4. | * | 1 JAN 1925 | 234 | 0.02 | 0.00 | 0.02 | 2700. |
| 1 JAN 0430 | 55 | 0.02 | 0.01 | 0.00 | 5. | * | 1 JAN 1930 | 235 | 0.02 | 0.00 | 0.02 | 2638. |
| 1 JAN 0435 | 56 | 0.02 | 0.01 | 0.00 | 6. | * | 1 JAN 1935 | 236 | 0.02 | 0.00 | 0.02 | 2579. |
| 1 JAN 0440 | 57 | 0.02 | 0.01 | 0.00 | 7. | * | 1 JAN 1940 | 237 | 0.02 | 0.00 | 0.02 | 2522. |
| 1 JAN 0445 | 58 | 0.02 | 0.01 | 0.00 | 9. | * | 1 JAN 1945 | 238 | 0.02 | 0.00 | 0.02 | 2468. |
| 1 JAN 0450 | 59 | 0.02 | 0.01 | 0.00 | 10. | * | 1 JAN 1950 | 239 | 0.02 | 0.00 | 0.02 | 2416. |
| 1 JAN 0455 | 60 | 0.02 | 0.01 | 0.01 | 12. | * | 1 JAN 1955 | 240 | 0.02 | 0.00 | 0.02 | 2364. |
| 1 JAN 0500 | 61 | 0.02 | 0.01 | 0.01 | 14. | * | 1 JAN 2000 | 241 | 0.02 | 0.00 | 0.02 | 2313. |
| 1 JAN 0505 | 62 | 0.02 | 0.01 | 0.01 | 16. | * | 1 JAN 2005 | 242 | 0.02 | 0.00 | 0.02 | 2264. |
| 1 JAN 0510 | 63 | 0.02 | 0.01 | 0.01 | 19. | * | 1 JAN 2010 | 243 | 0.02 | 0.00 | 0.02 | 2216. |
| 1 JAN 0515 | 64 | 0.02 | 0.01 | 0.01 | 21. | * | 1 JAN 2015 | 244 | 0.02 | 0.00 | 0.02 | 2170. |
| 1 JAN 0520 | 65 | 0.02 | 0.01 | 0.01 | 24. | * | 1 JAN 2020 | 245 | 0.02 | 0.00 | 0.02 | 2126. |
| 1 JAN 0525 | 66 | 0.02 | 0.01 | 0.01 | 27. | * | 1 JAN 2025 | 246 | 0.02 | 0.00 | 0.02 | 2083. |
| 1 JAN 0530 | 67 | 0.02 | 0.01 | 0.01 | 30. | * | 1 JAN 2030 | 247 | 0.02 | 0.00 | 0.01 | 2042. |
| 1 JAN 0535 | 68 | 0.02 | 0.01 | 0.01 | 34. | * | 1 JAN 2035 | 248 | 0.02 | 0.00 | 0.02 | 2001. |
| 1 JAN 0540 | 69 | 0.02 | 0.01 | 0.01 | 38. | * | 1 JAN 2040 | 249 | 0.02 | 0.00 | 0.02 | 1961. |
| 1 JAN 0545 | 70 | 0.02 | 0.01 | 0.01 | 42. | * | 1 JAN 2045 | 250 | 0.02 | 0.00 | 0.02 | 1922. |
| 1 JAN 0550 | 71 | 0.02 | 0.01 | 0.01 | 46. | * | 1 JAN 2050 | 251 | 0.02 | 0.00 | 0.02 | 1885. |
| 1 JAN 0555 | 72 | 0.02 | 0.01 | 0.01 | 51. | * | 1 JAN 2055 | 252 | 0.02 | 0.00 | 0.02 | 1850. |
| 1 JAN 0600 | 73 | 0.02 | 0.01 | 0.01 | 56. | * | 1 JAN 2100 | 253 | 0.02 | 0.00 | 0.02 | 1817. |
| 1 JAN 0605 | 74 | 0.02 | 0.01 | 0.01 | 61. | * | 1 JAN 2105 | 254 | 0.02 | 0.00 | 0.01 | 1783. |
| 1 JAN 0610 | 75 | 0.02 | 0.01 | 0.01 | 67. | * | 1 JAN 2110 | 255 | 0.02 | 0.00 | 0.01 | 1751. |
| 1 JAN 0615 | 76 | 0.02 | 0.01 | 0.01 | 72. | * | 1 JAN 2115 | 256 | 0.02 | 0.00 | 0.02 | 1719. |
| 1 JAN 0620 | 77 | 0.02 | 0.01 | 0.01 | 78. | * | 1 JAN 2120 | 257 | 0.02 | 0.00 | 0.02 | 1688. |
| 1 JAN 0625 | 78 | 0.02 | 0.01 | 0.01 | 85. | * | 1 JAN 2125 | 258 | 0.02 | 0.00 | 0.01 | 1658. |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0630 | 79 | 0.02 | 0.01 | 0.01 | 91. | * | 1 JAN 2130 | 259 | 0.02 | 0.00 | 0.01 | 1629. |
| 1 JAN 0635 | 80 | 0.03 | 0.01 | 0.01 | 98. | * | 1 JAN 2135 | 260 | 0.02 | 0.00 | 0.02 | 1602. |
| 1 JAN 0640 | 81 | 0.02 | 0.01 | 0.01 | 105. | * | 1 JAN 2140 | 261 | 0.02 | 0.00 | 0.01 | 1574. |
| 1 JAN 0645 | 82 | 0.02 | 0.01 | 0.01 | 113. | * | 1 JAN 2145 | 262 | 0.02 | 0.00 | 0.01 | 1548. |
| 1 JAN 0650 | 83 | 0.02 | 0.01 | 0.01 | 120. | * | 1 JAN 2150 | 263 | 0.02 | 0.00 | 0.01 | 1521. |
| 1 JAN 0655 | 84 | 0.03 | 0.01 | 0.01 | 128. | * | 1 JAN 2155 | 264 | 0.02 | 0.00 | 0.01 | 1496. |
| 1 JAN 0700 | 85 | 0.03 | 0.01 | 0.01 | 136. | * | 1 JAN 2200 | 265 | 0.02 | 0.00 | 0.01 | 1471. |
| 1 JAN 0705 | 86 | 0.03 | 0.01 | 0.01 | 145. | * | 1 JAN 2205 | 266 | 0.02 | 0.00 | 0.01 | 1448. |
| 1 JAN 0710 | 87 | 0.03 | 0.01 | 0.01 | 153. | * | 1 JAN 2210 | 267 | 0.02 | 0.00 | 0.01 | 1425. |
| 1 JAN 0715 | 88 | 0.03 | 0.01 | 0.01 | 162. | * | 1 JAN 2215 | 268 | 0.02 | 0.00 | 0.01 | 1403. |
| 1 JAN 0720 | 89 | 0.03 | 0.01 | 0.01 | 172. | * | 1 JAN 2220 | 269 | 0.02 | 0.00 | 0.01 | 1381. |
| 1 JAN 0725 | 90 | 0.03 | 0.01 | 0.01 | 181. | * | 1 JAN 2225 | 270 | 0.01 | 0.00 | 0.01 | 1360. |
| 1 JAN 0730 | 91 | 0.03 | 0.01 | 0.01 | 191. | * | 1 JAN 2230 | 271 | 0.01 | 0.00 | 0.01 | 1339. |
| 1 JAN 0735 | 92 | 0.03 | 0.01 | 0.01 | 201. | * | 1 JAN 2235 | 272 | 0.02 | 0.00 | 0.01 | 1319. |
| 1 JAN 0740 | 93 | 0.03 | 0.01 | 0.01 | 211. | * | 1 JAN 2240 | 273 | 0.02 | 0.00 | 0.01 | 1300. |
| 1 JAN 0745 | 94 | 0.03 | 0.01 | 0.01 | 221. | * | 1 JAN 2245 | 274 | 0.01 | 0.00 | 0.01 | 1281. |
| 1 JAN 0750 | 95 | 0.03 | 0.01 | 0.01 | 232. | * | 1 JAN 2250 | 275 | 0.01 | 0.00 | 0.01 | 1263. |
| 1 JAN 0755 | 96 | 0.03 | 0.01 | 0.02 | 242. | * | 1 JAN 2255 | 276 | 0.02 | 0.00 | 0.01 | 1246. |
| 1 JAN 0800 | 97 | 0.03 | 0.01 | 0.02 | 253. | * | 1 JAN 2300 | 277 | 0.02 | 0.00 | 0.01 | 1228. |
| 1 JAN 0805 | 98 | 0.03 | 0.01 | 0.02 | 264. | * | 1 JAN 2305 | 278 | 0.01 | 0.00 | 0.01 | 1212. |
| 1 JAN 0810 | 99 | 0.03 | 0.01 | 0.02 | 276. | * | 1 JAN 2310 | 279 | 0.01 | 0.00 | 0.01 | 1196. |
| 1 JAN 0815 | 100 | 0.03 | 0.01 | 0.02 | 287. | * | 1 JAN 2315 | 280 | 0.01 | 0.00 | 0.01 | 1181. |
| 1 JAN 0820 | 101 | 0.03 | 0.01 | 0.02 | 299. | * | 1 JAN 2320 | 281 | 0.01 | 0.00 | 0.01 | 1166. |
| 1 JAN 0825 | 102 | 0.03 | 0.01 | 0.02 | 311. | * | 1 JAN 2325 | 282 | 0.01 | 0.00 | 0.01 | 1152. |
| 1 JAN 0830 | 103 | 0.03 | 0.01 | 0.02 | 323. | * | 1 JAN 2330 | 283 | 0.01 | 0.00 | 0.01 | 1138. |
| 1 JAN 0835 | 104 | 0.03 | 0.01 | 0.02 | 335. | * | 1 JAN 2335 | 284 | 0.02 | 0.00 | 0.01 | 1125. |
| 1 JAN 0840 | 105 | 0.04 | 0.01 | 0.02 | 348. | * | 1 JAN 2340 | 285 | 0.01 | 0.00 | 0.01 | 1112. |
| 1 JAN 0845 | 106 | 0.04 | 0.01 | 0.02 | 360. | * | 1 JAN 2345 | 286 | 0.01 | 0.00 | 0.01 | 1100. |
| 1 JAN 0850 | 107 | 0.04 | 0.01 | 0.02 | 373. | * | 1 JAN 2350 | 287 | 0.01 | 0.00 | 0.01 | 1088. |
| 1 JAN 0855 | 108 | 0.04 | 0.01 | 0.02 | 386. | * | 1 JAN 2355 | 288 | 0.01 | 0.00 | 0.01 | 1077. |
| 1 JAN 0900 | 109 | 0.04 | 0.01 | 0.03 | 400. | * | 2 JAN 0000 | 289 | 0.01 | 0.00 | 0.01 | 1066. |
| 1 JAN 0905 | 110 | 0.04 | 0.01 | 0.03 | 414. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 1056. |
| 1 JAN 0910 | 111 | 0.04 | 0.01 | 0.03 | 428. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 1045. |
| 1 JAN 0915 | 112 | 0.04 | 0.01 | 0.03 | 442. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 1035. |
| 1 JAN 0920 | 113 | 0.04 | 0.01 | 0.03 | 457. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 1025. |
| 1 JAN 0925 | 114 | 0.04 | 0.01 | 0.03 | 472. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 1014. |
| 1 JAN 0930 | 115 | 0.04 | 0.01 | 0.03 | 488. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 1004. |
| 1 JAN 0935 | 116 | 0.04 | 0.01 | 0.03 | 503. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 993. |
| 1 JAN 0940 | 117 | 0.04 | 0.01 | 0.03 | 520. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 983. |
| 1 JAN 0945 | 118 | 0.04 | 0.01 | 0.03 | 536. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 972. |
| 1 JAN 0950 | 119 | 0.05 | 0.01 | 0.03 | 553. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 961. |
| 1 JAN 0955 | 120 | 0.05 | 0.01 | 0.03 | 571. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 949. |
| 1 JAN 1000 | 121 | 0.05 | 0.01 | 0.04 | 589. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 938. |
| 1 JAN 1005 | 122 | 0.05 | 0.01 | 0.04 | 608. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 925. |
| 1 JAN 1010 | 123 | 0.05 | 0.01 | 0.04 | 627. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 913. |
| 1 JAN 1015 | 124 | 0.06 | 0.02 | 0.04 | 647. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 900. |
| 1 JAN 1020 | 125 | 0.06 | 0.02 | 0.04 | 667. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 887. |
| 1 JAN 1025 | 126 | 0.06 | 0.02 | 0.05 | 688. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 873. |
| 1 JAN 1030 | 127 | 0.06 | 0.02 | 0.05 | 710. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 858. |
| 1 JAN 1035 | 128 | 0.07 | 0.02 | 0.05 | 733. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 843. |
| 1 JAN 1040 | 129 | 0.07 | 0.02 | 0.06 | 756. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 828. |
| 1 JAN 1045 | 130 | 0.08 | 0.02 | 0.06 | 781. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 811. |
| 1 JAN 1050 | 131 | 0.08 | 0.02 | 0.06 | 806. | * | 2 JAN 0150 | 311 | 0.00 | 0.00 | 0.00 | 794. |
| 1 JAN 1055 | 132 | 0.08 | 0.02 | 0.07 | 833. | * | 2 JAN 0155 | 312 | 0.00 | 0.00 | 0.00 | 776. |
| 1 JAN 1100 | 133 | 0.09 | 0.02 | 0.07 | 860. | * | 2 JAN 0200 | 313 | 0.00 | 0.00 | 0.00 | 758. |
| 1 JAN 1105 | 134 | 0.10 | 0.02 | 0.08 | 889. | * | 2 JAN 0205 | 314 | 0.00 | 0.00 | 0.00 | 740. |
| 1 JAN 1110 | 135 | 0.11 | 0.02 | 0.09 | 919. | * | 2 JAN 0210 | 315 | 0.00 | 0.00 | 0.00 | 720. |
| 1 JAN 1115 | 136 | 0.12 | 0.02 | 0.09 | 951. | * | 2 JAN 0215 | 316 | 0.00 | 0.00 | 0.00 | 701. |
| 1 JAN 1120 | 137 | 0.13 | 0.02 | 0.10 | 984. | * | 2 JAN 0220 | 317 | 0.00 | 0.00 | 0.00 | 681. |
| 1 JAN 1125 | 138 | 0.14 | 0.02 | 0.11 | 1020. | * | 2 JAN 0225 | 318 | 0.00 | 0.00 | 0.00 | 661. |
| 1 JAN 1130 | 139 | 0.14 | 0.02 | 0.12 | 1057. | * | 2 JAN 0230 | 319 | 0.00 | 0.00 | 0.00 | 641. |
| 1 JAN 1135 | 140 | 0.30 | 0.05 | 0.25 | 1099. | * | 2 JAN 0235 | 320 | 0.00 | 0.00 | 0.00 | 620. |
| 1 JAN 1140 | 141 | 0.54 | 0.07 | 0.47 | 1146. | * | 2 JAN 0240 | 321 | 0.00 | 0.00 | 0.00 | 600. |
| 1 JAN 1145 | 142 | 0.81 | 0.09 | 0.72 | 1202. | * | 2 JAN 0245 | 322 | 0.00 | 0.00 | 0.00 | 580. |
| 1 JAN 1150 | 143 | 1.26 | 0.11 | 1.16 | 1271. | * | 2 JAN 0250 | 323 | 0.00 | 0.00 | 0.00 | 560. |
| 1 JAN 1155 | 144 | 1.62 | 0.10 | 1.51 | 1360. | * | 2 JAN 0255 | 324 | 0.00 | 0.00 | 0.00 | 541. |
| 1 JAN 1200 | 145 | 1.19 | 0.06 | 1.14 | 1468. | * | 2 JAN 0300 | 325 | 0.00 | 0.00 | 0.00 | 523. |
| 1 JAN 1205 | 146 | 0.24 | 0.01 | 0.23 | 1589. | * | 2 JAN 0305 | 326 | 0.00 | 0.00 | 0.00 | 504. |
| 1 JAN 1210 | 147 | 0.21 | 0.01 | 0.21 | 1731. | * | 2 JAN 0310 | 327 | 0.00 | 0.00 | 0.00 | 486. |
| 1 JAN 1215 | 148 | 0.19 | 0.01 | 0.18 | 1895. | * | 2 JAN 0315 | 328 | 0.00 | 0.00 | 0.00 | 468. |
| 1 JAN 1220 | 149 | 0.17 | 0.01 | 0.16 | 2075. | * | 2 JAN 0320 | 329 | 0.00 | 0.00 | 0.00 | 450. |
| 1 JAN 1225 | 150 | 0.15 | 0.01 | 0.14 | 2266. | * | 2 JAN 0325 | 330 | 0.00 | 0.00 | 0.00 | 432. |
| 1 JAN 1230 | 151 | 0.12 | 0.00 | 0.12 | 2472. | * | 2 JAN 0330 | 331 | 0.00 | 0.00 | 0.00 | 415. |
| 1 JAN 1235 | 152 | 0.11 | 0.00 | 0.10 | 2693. | * | 2 JAN 0335 | 332 | 0.00 | 0.00 | 0.00 | 398. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN | 1240 | 153 | 0.10 | 0.00 | 0.10 | 2927. | * | 2 JAN | 0340 | 333 | 0.00 | 0.00 | 0.00 | 382. |
| 1 JAN | 1245 | 154 | 0.10 | 0.00 | 0.09 | 3176. | * | 2 JAN | 0345 | 334 | 0.00 | 0.00 | 0.00 | 366. |
| 1 JAN | 1250 | 155 | 0.09 | 0.00 | 0.09 | 3446. | * | 2 JAN | 0350 | 335 | 0.00 | 0.00 | 0.00 | 350. |
| 1 JAN | 1255 | 156 | 0.08 | 0.00 | 0.08 | 3732. | * | 2 JAN | 0355 | 336 | 0.00 | 0.00 | 0.00 | 335. |
| 1 JAN | 1300 | 157 | 0.08 | 0.00 | 0.08 | 4034. | * | 2 JAN | 0400 | 337 | 0.00 | 0.00 | 0.00 | 320. |
| 1 JAN | 1305 | 158 | 0.08 | 0.00 | 0.07 | 4356. | * | 2 JAN | 0405 | 338 | 0.00 | 0.00 | 0.00 | 306. |
| 1 JAN | 1310 | 159 | 0.07 | 0.00 | 0.07 | 4698. | * | 2 JAN | 0410 | 339 | 0.00 | 0.00 | 0.00 | 292. |
| 1 JAN | 1315 | 160 | 0.07 | 0.00 | 0.07 | 5054. | * | 2 JAN | 0415 | 340 | 0.00 | 0.00 | 0.00 | 279. |
| 1 JAN | 1320 | 161 | 0.07 | 0.00 | 0.06 | 5421. | * | 2 JAN | 0420 | 341 | 0.00 | 0.00 | 0.00 | 266. |
| 1 JAN | 1325 | 162 | 0.06 | 0.00 | 0.06 | 5800. | * | 2 JAN | 0425 | 342 | 0.00 | 0.00 | 0.00 | 254. |
| 1 JAN | 1330 | 163 | 0.06 | 0.00 | 0.06 | 6185. | * | 2 JAN | 0430 | 343 | 0.00 | 0.00 | 0.00 | 242. |
| 1 JAN | 1335 | 164 | 0.06 | 0.00 | 0.06 | 6563. | * | 2 JAN | 0435 | 344 | 0.00 | 0.00 | 0.00 | 230. |
| 1 JAN | 1340 | 165 | 0.06 | 0.00 | 0.05 | 6927. | * | 2 JAN | 0440 | 345 | 0.00 | 0.00 | 0.00 | 220. |
| 1 JAN | 1345 | 166 | 0.05 | 0.00 | 0.05 | 7273. | * | 2 JAN | 0445 | 346 | 0.00 | 0.00 | 0.00 | 210. |
| 1 JAN | 1350 | 167 | 0.05 | 0.00 | 0.05 | 7601. | * | 2 JAN | 0450 | 347 | 0.00 | 0.00 | 0.00 | 200. |
| 1 JAN | 1355 | 168 | 0.05 | 0.00 | 0.05 | 7910. | * | 2 JAN | 0455 | 348 | 0.00 | 0.00 | 0.00 | 191. |
| 1 JAN | 1400 | 169 | 0.05 | 0.00 | 0.05 | 8191. | * | 2 JAN | 0500 | 349 | 0.00 | 0.00 | 0.00 | 182. |
| 1 JAN | 1405 | 170 | 0.05 | 0.00 | 0.05 | 8442. | * | 2 JAN | 0505 | 350 | 0.00 | 0.00 | 0.00 | 174. |
| 1 JAN | 1410 | 171 | 0.05 | 0.00 | 0.04 | 8674. | * | 2 JAN | 0510 | 351 | 0.00 | 0.00 | 0.00 | 166. |
| 1 JAN | 1415 | 172 | 0.04 | 0.00 | 0.04 | 8879. | * | 2 JAN | 0515 | 352 | 0.00 | 0.00 | 0.00 | 159. |
| 1 JAN | 1420 | 173 | 0.04 | 0.00 | 0.04 | 9054. | * | 2 JAN | 0520 | 353 | 0.00 | 0.00 | 0.00 | 152. |
| 1 JAN | 1425 | 174 | 0.04 | 0.00 | 0.04 | 9201. | * | 2 JAN | 0525 | 354 | 0.00 | 0.00 | 0.00 | 145. |
| 1 JAN | 1430 | 175 | 0.04 | 0.00 | 0.04 | 9326. | * | 2 JAN | 0530 | 355 | 0.00 | 0.00 | 0.00 | 139. |
| 1 JAN | 1435 | 176 | 0.04 | 0.00 | 0.04 | 9422. | * | 2 JAN | 0535 | 356 | 0.00 | 0.00 | 0.00 | 132. |
| 1 JAN | 1440 | 177 | 0.04 | 0.00 | 0.04 | 9491. | * | 2 JAN | 0540 | 357 | 0.00 | 0.00 | 0.00 | 126. |
| 1 JAN | 1445 | 178 | 0.04 | 0.00 | 0.04 | 9543. | * | 2 JAN | 0545 | 358 | 0.00 | 0.00 | 0.00 | 121. |
| 1 JAN | 1450 | 179 | 0.04 | 0.00 | 0.04 | 9579. | * | 2 JAN | 0550 | 359 | 0.00 | 0.00 | 0.00 | 115. |
| 1 JAN | 1455 | 180 | 0.04 | 0.00 | 0.04 | 9595. | * | 2 JAN | 0555 | 360 | 0.00 | 0.00 | 0.00 | 110. |

*

**********

TOTAL RAINFALL = 15.07, TOTAL LOSS = 2.63, TOTAL EXCESS = 12.44

| PEAK FLOW | TIME | MAXIMUM AVERAGE FLOW | | | |
|---|---|---|---|---|---|
| | | 6-HR | 24-HR | 72-HR | 29.92-HR |
| + (CFS) | (HR) | | | | |
| | (CFS) | | | | |
| + 9595. | 14.92 | 6653. | 2391. | 1919. | 1919. |
| | (INCHES) | 8.617 | 12.387 | 12.395 | 12.395 |
| | (AC-FT) | 3299. | 4742. | 4745. | 4745. |

CUMULATIVE AREA = 7.18 SQ MI

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

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     **************
     *            *
210 KK  *    7C *    CNAME    7R
     *            *
     **************
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211 KO OUTPUT CONTROL VARIABLES

| | | |
|---|---|---|
| IPRNT | 0 | PRINT CONTROL |
| IPLOT | 0 | PLOT CONTROL |
| QSCAL | 0. | HYDROGRAPH PLOT SCALE |
| IPNCH | 0 | PUNCH COMPUTED HYDROGRAPH |
| IOUT | 22 | SAVE HYDROGRAPH ON THIS UNIT |
| ISAV1 | 1 | FIRST ORDINATE PUNCHED OR SAVED |
| ISAV2 | 360 | LAST ORDINATE PUNCHED OR SAVED |
| TIMINT | 0.083 | TIME INTERVAL IN HOURS |

212 HC HYDROGRAPH COMBINATION

| | | |
|---|---|---|
| ICOMP | 3 | NUMBER OF HYDROGRAPHS TO COMBINE |

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HYDROGRAPH AT STATION 7C

*Dam Break Analysis,, Valenciano Water Supply Reservoir, Juncos, Puerto Rico*
*CSA Group, Inc., Hato Rey, Puerto Rico*

SUM OF 3 HYDROGRAPHS

| DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0. | 1 JAN 0730 | 91 | 1528. | 1 JAN 1500 | 181 | 95035. | 1 JAN 2230 | 271 | 45144. |
| 1 JAN 0005 | 2 | 0. | 1 JAN 0735 | 92 | 1631. | 1 JAN 1505 | 182 | 98508. | 1 JAN 2235 | 272 | 44348. |
| 1 JAN 0010 | 3 | 0. | 1 JAN 0740 | 93 | 1738. | 1 JAN 1510 | 183 | 101933. | 1 JAN 2240 | 273 | 43570. |
| 1 JAN 0015 | 4 | 0. | 1 JAN 0745 | 94 | 1849. | 1 JAN 1515 | 184 | 105286. | 1 JAN 2245 | 274 | 42807. |
| 1 JAN 0020 | 5 | 0. | 1 JAN 0750 | 95 | 1965. | 1 JAN 1520 | 185 | 108562. | 1 JAN 2250 | 275 | 42061. |
| 1 JAN 0025 | 6 | 0. | 1 JAN 0755 | 96 | 2085. | 1 JAN 1525 | 186 | 111755. | 1 JAN 2255 | 276 | 41329. |
| 1 JAN 0030 | 7 | 0. | 1 JAN 0800 | 97 | 2209. | 1 JAN 1530 | 187 | 114843. | 1 JAN 2300 | 277 | 40612. |
| 1 JAN 0035 | 8 | 0. | 1 JAN 0805 | 98 | 2338. | 1 JAN 1535 | 188 | 117805. | 1 JAN 2305 | 278 | 39909. |
| 1 JAN 0040 | 9 | 0. | 1 JAN 0810 | 99 | 2471. | 1 JAN 1540 | 189 | 120623. | 1 JAN 2310 | 279 | 39220. |
| 1 JAN 0045 | 10 | 0. | 1 JAN 0815 | 100 | 2607. | 1 JAN 1545 | 190 | 123276. | 1 JAN 2315 | 280 | 38546. |
| 1 JAN 0050 | 11 | 0. | 1 JAN 0820 | 101 | 2749. | 1 JAN 1550 | 191 | 125740. | 1 JAN 2320 | 281 | 37887. |
| 1 JAN 0055 | 12 | 0. | 1 JAN 0825 | 102 | 2894. | 1 JAN 1555 | 192 | 128004. | 1 JAN 2325 | 282 | 37244. |
| 1 JAN 0100 | 13 | 0. | 1 JAN 0830 | 103 | 3044. | 1 JAN 1600 | 193 | 130063. | 1 JAN 2330 | 283 | 36617. |
| 1 JAN 0105 | 14 | 0. | 1 JAN 0835 | 104 | 3198. | 1 JAN 1605 | 194 | 131919. | 1 JAN 2335 | 284 | 36007. |

*Dam Break Analysis,, Valenciano Water Supply Reservoir, Juncos, Puerto Rico*
*CSA Group, Inc., Hato Rey, Puerto Rico*

SUM OF 3 HYDROGRAPHS

| DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW | DA MON HRMN | ORD | FLOW |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0. | 1 JAN 0730 | 91 | 1528. | 1 JAN 1500 | 181 | 95035. | 1 JAN 2230 | 271 | 45144. |
| 1 JAN 0005 | 2 | 0. | 1 JAN 0735 | 92 | 1631. | 1 JAN 1505 | 182 | 98508. | 1 JAN 2235 | 272 | 44348. |
| 1 JAN 0010 | 3 | 0. | 1 JAN 0740 | 93 | 1738. | 1 JAN 1510 | 183 | 101933. | 1 JAN 2240 | 273 | 43570. |
| 1 JAN 0015 | 4 | 0. | 1 JAN 0745 | 94 | 1849. | 1 JAN 1515 | 184 | 105286. | 1 JAN 2245 | 274 | 42807. |
| 1 JAN 0020 | 5 | 0. | 1 JAN 0750 | 95 | 1965. | 1 JAN 1520 | 185 | 108562. | 1 JAN 2250 | 275 | 42061. |
| 1 JAN 0025 | 6 | 0. | 1 JAN 0755 | 96 | 2085. | 1 JAN 1525 | 186 | 111755. | 1 JAN 2255 | 276 | 41329. |
| 1 JAN 0030 | 7 | 0. | 1 JAN 0800 | 97 | 2209. | 1 JAN 1530 | 187 | 114843. | 1 JAN 2300 | 277 | 40612. |
| 1 JAN 0035 | 8 | 0. | 1 JAN 0805 | 98 | 2338. | 1 JAN 1535 | 188 | 117805. | 1 JAN 2305 | 278 | 39909. |
| 1 JAN 0040 | 9 | 0. | 1 JAN 0810 | 99 | 2471. | 1 JAN 1540 | 189 | 120623. | 1 JAN 2310 | 279 | 39220. |
| 1 JAN 0045 | 10 | 0. | 1 JAN 0815 | 100 | 2607. | 1 JAN 1545 | 190 | 123276. | 1 JAN 2315 | 280 | 38546. |
| 1 JAN 0050 | 11 | 0. | 1 JAN 0820 | 101 | 2749. | 1 JAN 1550 | 191 | 125740. | 1 JAN 2320 | 281 | 37887. |
| 1 JAN 0055 | 12 | 0. | 1 JAN 0825 | 102 | 2894. | 1 JAN 1555 | 192 | 128004. | 1 JAN 2325 | 282 | 37244. |
| 1 JAN 0100 | 13 | 0. | 1 JAN 0830 | 103 | 3044. | 1 JAN 1600 | 193 | 130063. | 1 JAN 2330 | 283 | 36617. |
| 1 JAN 0105 | 14 | 0. | 1 JAN 0835 | 104 | 3198. | 1 JAN 1605 | 194 | 131919. | 1 JAN 2335 | 284 | 36007. |
| 1 JAN 0110 | 15 | 0. | 1 JAN 0840 | 105 | 3357. | 1 JAN 1610 | 195 | 133570. | 1 JAN 2340 | 285 | 35415. |
| 1 JAN 0115 | 16 | 0. | 1 JAN 0845 | 106 | 3519. | 1 JAN 1615 | 196 | 135013. | 1 JAN 2345 | 286 | 34840. |
| 1 JAN 0120 | 17 | 0. | 1 JAN 0850 | 107 | 3687. | 1 JAN 1620 | 197 | 136246. | 1 JAN 2350 | 287 | 34283. |
| 1 JAN 0125 | 18 | 0. | 1 JAN 0855 | 108 | 3858. | 1 JAN 1625 | 198 | 137267. | 1 JAN 2355 | 288 | 33742. |
| 1 JAN 0130 | 19 | 0. | 1 JAN 0900 | 109 | 4035. | 1 JAN 1630 | 199 | 138080. | 2 JAN 0000 | 289 | 33214. |
| 1 JAN 0135 | 20 | 0. | 1 JAN 0905 | 110 | 4216. | 1 JAN 1635 | 200 | 138695. | 2 JAN 0005 | 290 | 32699. |
| 1 JAN 0140 | 21 | 0. | 1 JAN 0910 | 111 | 4401. | 1 JAN 1640 | 201 | 139118. | 2 JAN 0010 | 291 | 32195. |
| 1 JAN 0145 | 22 | 0. | 1 JAN 0915 | 112 | 4592. | 1 JAN 1645 | 202 | 139359. | 2 JAN 0015 | 292 | 31701. |
| 1 JAN 0150 | 23 | 0. | 1 JAN 0920 | 113 | 4787. | 1 JAN 1650 | 203 | 139421. | 2 JAN 0020 | 293 | 31218. |
| 1 JAN 0155 | 24 | 0. | 1 JAN 0925 | 114 | 4986. | 1 JAN 1655 | 204 | 139310. | 2 JAN 0025 | 294 | 30746. |
| 1 JAN 0200 | 25 | 0. | 1 JAN 0930 | 115 | 5190. | 1 JAN 1700 | 205 | 139034. | 2 JAN 0030 | 295 | 30286. |
| 1 JAN 0205 | 26 | 0. | 1 JAN 0935 | 116 | 5399. | 1 JAN 1705 | 206 | 138598. | 2 JAN 0035 | 296 | 29836. |
| 1 JAN 0210 | 27 | 0. | 1 JAN 0940 | 117 | 5613. | 1 JAN 1710 | 207 | 138002. | 2 JAN 0040 | 297 | 29396. |
| 1 JAN 0215 | 28 | 0. | 1 JAN 0945 | 118 | 5831. | 1 JAN 1715 | 208 | 137249. | 2 JAN 0045 | 298 | 28963. |
| 1 JAN 0220 | 29 | 0. | 1 JAN 0950 | 119 | 6054. | 1 JAN 1720 | 209 | 136349. | 2 JAN 0050 | 299 | 28538. |
| 1 JAN 0225 | 30 | 0. | 1 JAN 0955 | 120 | 6282. | 1 JAN 1725 | 210 | 135316. | 2 JAN 0055 | 300 | 28119. |
| 1 JAN 0230 | 31 | 0. | 1 JAN 1000 | 121 | 6514. | 1 JAN 1730 | 211 | 134163. | 2 JAN 0100 | 301 | 27706. |
| 1 JAN 0235 | 32 | 0. | 1 JAN 1005 | 122 | 6752. | 1 JAN 1735 | 212 | 132908. | 2 JAN 0105 | 302 | 27300. |
| 1 JAN 0240 | 33 | 0. | 1 JAN 1010 | 123 | 6995. | 1 JAN 1740 | 213 | 131563. | 2 JAN 0110 | 303 | 26900. |
| 1 JAN 0245 | 34 | 0. | 1 JAN 1015 | 124 | 7243. | 1 JAN 1745 | 214 | 130136. | 2 JAN 0115 | 304 | 26508. |
| 1 JAN 0250 | 35 | 0. | 1 JAN 1020 | 125 | 7496. | 1 JAN 1750 | 215 | 128639. | 2 JAN 0120 | 305 | 26123. |
| 1 JAN 0255 | 36 | 0. | 1 JAN 1025 | 126 | 7756. | 1 JAN 1755 | 216 | 127086. | 2 JAN 0125 | 306 | 25745. |
| 1 JAN 0300 | 37 | 0. | 1 JAN 1030 | 127 | 8022. | 1 JAN 1800 | 217 | 125487. | 2 JAN 0130 | 307 | 25373. |
| 1 JAN 0305 | 38 | 0. | 1 JAN 1035 | 128 | 8294. | 1 JAN 1805 | 218 | 123846. | 2 JAN 0135 | 308 | 25008. |
| 1 JAN 0310 | 39 | 0. | 1 JAN 1040 | 129 | 8574. | 1 JAN 1810 | 219 | 122169. | 2 JAN 0140 | 309 | 24647. |
| 1 JAN 0315 | 40 | 0. | 1 JAN 1045 | 130 | 8861. | 1 JAN 1815 | 220 | 120465. | 2 JAN 0145 | 310 | 24291. |
| 1 JAN 0320 | 41 | 0. | 1 JAN 1050 | 131 | 9157. | 1 JAN 1820 | 221 | 118745. | 2 JAN 0150 | 311 | 23939. |
| 1 JAN 0325 | 42 | 1. | 1 JAN 1055 | 132 | 9462. | 1 JAN 1825 | 222 | 117015. | 2 JAN 0155 | 312 | 23590. |
| 1 JAN 0330 | 43 | 1. | 1 JAN 1100 | 133 | 9776. | 1 JAN 1830 | 223 | 115281. | 2 JAN 0200 | 313 | 23246. |
| 1 JAN 0335 | 44 | 2. | 1 JAN 1105 | 134 | 10100. | 1 JAN 1835 | 224 | 113545. | 2 JAN 0205 | 314 | 22906. |
| 1 JAN 0340 | 45 | 2. | 1 JAN 1110 | 135 | 10435. | 1 JAN 1840 | 225 | 111808. | 2 JAN 0210 | 315 | 22569. |
| 1 JAN 0345 | 46 | 3. | 1 JAN 1115 | 136 | 10783. | 1 JAN 1845 | 226 | 110069. | 2 JAN 0215 | 316 | 22236. |

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 1 JAN 0540  69   226.  *  1 JAN 1310 159   36099.  *  1 JAN 2040 249   69285.  *  2 JAN 0410 339   14647.
 1 JAN 0545  70   252.  *  1 JAN 1315 160   37859.  *  1 JAN 2045 250   67808.  *  2 JAN 0415 340   14316.
 1 JAN 0550  71   281.  *  1 JAN 1320 161   39661.  *  1 JAN 2050 251   66381.  *  2 JAN 0420 341   13986.
 1 JAN 0555  72   312.  *  1 JAN 1325 162   41531.  *  1 JAN 2055 252   65000.  *  2 JAN 0425 342   13658.
 1 JAN 0600  73   346.  *  1 JAN 1330 163   43483.  *  1 JAN 2100 253   63662.  *  2 JAN 0430 343   13331.
 1 JAN 0605  74   382.  *  1 JAN 1335 164   45519.  *  1 JAN 2105 254   62365.  *  2 JAN 0435 344   13006.
 1 JAN 0610  75   421.  *  1 JAN 1340 165   47649.  *  1 JAN 2110 255   61105.  *  2 JAN 0440 345   12684.
 1 JAN 0615  76   463.  *  1 JAN 1345 166   49876.  *  1 JAN 2115 256   59879.  *  2 JAN 0445 346   12364.
 1 JAN 0620  77   509.  *  1 JAN 1350 167   52201.  *  1 JAN 2120 257   58686.  *  2 JAN 0450 347   12047.
 1 JAN 0625  78   557.  *  1 JAN 1355 168   54618.  *  1 JAN 2125 258   57525.  *  2 JAN 0455 348   11734.
 1 JAN 0630  79   609.  *  1 JAN 1400 169   57121.  *  1 JAN 2130 259   56397.  *  2 JAN 0500 349   11425.
 1 JAN 0635  80   665.  *  1 JAN 1405 170   59723.  *  1 JAN 2135 260   55301.  *  2 JAN 0505 350   11120.
 1 JAN 0640  81   724.  *  1 JAN 1410 171   62448.  *  1 JAN 2140 261   54238.  *  2 JAN 0510 351   10818.
 1 JAN 0645  82   786.  *  1 JAN 1415 172   65302.  *  1 JAN 2145 262   53207.  *  2 JAN 0515 352   10521.
 1 JAN 0650  83   853.  *  1 JAN 1420 173   68276.  *  1 JAN 2150 263   52209.  *  2 JAN 0520 353   10229.
 1 JAN 0655  84   923.  *  1 JAN 1425 174   71360.  *  1 JAN 2155 264   51242.  *  2 JAN 0525 354    9943.
 1 JAN 0700  85   997.  *  1 JAN 1430 175   74545.  *  1 JAN 2200 265   50304.  *  2 JAN 0530 355    9662.
 1 JAN 0705  86  1075.  *  1 JAN 1435 176   77817.  *  1 JAN 2205 266   49392.  *  2 JAN 0535 356    9386.
 1 JAN 0710  87  1157.  *  1 JAN 1440 177   81168.  *  1 JAN 2210 267   48503.  *  2 JAN 0540 357    9117.
 1 JAN 0715  88  1244.  *  1 JAN 1445 178   84589.  *  1 JAN 2215 268   47635.  *  2 JAN 0545 358    8853.
 1 JAN 0720  89  1334.  *  1 JAN 1450 179   88056.  *  1 JAN 2220 269   46787.  *  2 JAN 0550 359    8596.
 1 JAN 0725  90  1429.  *  1 JAN 1455 180   91544.  *  1 JAN 2225 270   45956.  *  2 JAN 0555 360    8344.
                     *                        *                        *
*****************************************************************************************************************

 PEAK FLOW    TIME                MAXIMUM AVERAGE FLOW
                     6-HR     24-HR     72-HR    29.92-HR
+ (CFS)    (HR)
             (CFS)
+ 139421.   16.83          112485.    45600.    36588.    36588.
            (INCHES)   8.893    14.420    14.423    14.423
            (AC-FT)  55778.    90446.    90462.    90462.

            CUMULATIVE AREA =  117.61 SQ MI


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


     **************
     *            *
213 KK   *    7R *     CNAME     7C
     *            *
     **************

214 KO       OUTPUT CONTROL VARIABLES
             IPRNT        0  PRINT CONTROL
             IPLOT        0  PLOT CONTROL
             QSCAL       0.  HYDROGRAPH PLOT SCALE
             IPNCH        0  PUNCH COMPUTED HYDROGRAPH
             IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
             ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
             ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
            TIMINT    0.083  TIME INTERVAL IN HOURS


        HYDROGRAPH ROUTING DATA

215 RM       MUSKINGUM ROUTING
            NSTPS        5 NUMBER OF SUBREACHES
            AMSKK     0.35 MUSKINGUM K
              X       0.20 MUSKINGUM X

                                  ***

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                          HYDROGRAPH AT STATION      7R

*****************************************************************************************************************
                 *                 *                 *
 DA MON HRMN  ORD    FLOW  *  DA MON HRMN  ORD    FLOW  *  DA MON HRMN  ORD    FLOW  *  DA MON HRMN  ORD    FLOW
```

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | * | | | | * | | | | * | | | | | | | | | |
| 1 JAN 0000 | 1 | 0. | * | 1 JAN 0730 | 91 | 1147. | * | 1 JAN 1500 | 181 | 80642. | * | 1 JAN 2230 | 271 | 48682. | | | | | |
| 1 JAN 0005 | 2 | 0. | * | 1 JAN 0735 | 92 | 1232. | * | 1 JAN 1505 | 182 | 84033. | * | 1 JAN 2235 | 272 | 47808. | | | | | |
| 1 JAN 0010 | 3 | 0. | * | 1 JAN 0740 | 93 | 1322. | * | 1 JAN 1510 | 183 | 87470. | * | 1 JAN 2240 | 273 | 46955. | | | | | |
| 1 JAN 0015 | 4 | 0. | * | 1 JAN 0745 | 94 | 1416. | * | 1 JAN 1515 | 184 | 90935. | * | 1 JAN 2245 | 274 | 46121. | | | | | |
| 1 JAN 0020 | 5 | 0. | * | 1 JAN 0750 | 95 | 1514. | * | 1 JAN 1520 | 185 | 94404. | * | 1 JAN 2250 | 275 | 45305. | | | | | |
| 1 JAN 0025 | 6 | 0. | * | 1 JAN 0755 | 96 | 1617. | * | 1 JAN 1525 | 186 | 97855. | * | 1 JAN 2255 | 276 | 44506. | | | | | |
| 1 JAN 0030 | 7 | 0. | * | 1 JAN 0800 | 97 | 1723. | * | 1 JAN 1530 | 187 | 101268. | * | 1 JAN 2300 | 277 | 43724. | | | | | |
| 1 JAN 0035 | 8 | 0. | * | 1 JAN 0805 | 98 | 1834. | * | 1 JAN 1535 | 188 | 104621. | * | 1 JAN 2305 | 278 | 42958. | | | | | |
| 1 JAN 0040 | 9 | 0. | * | 1 JAN 0810 | 99 | 1949. | * | 1 JAN 1540 | 189 | 107900. | * | 1 JAN 2310 | 279 | 42208. | | | | | |
| 1 JAN 0045 | 10 | 0. | * | 1 JAN 0815 | 100 | 2068. | * | 1 JAN 1545 | 190 | 111092. | * | 1 JAN 2315 | 280 | 41473. | | | | | |
| 1 JAN 0050 | 11 | 0. | * | 1 JAN 0820 | 101 | 2191. | * | 1 JAN 1550 | 191 | 114180. | * | 1 JAN 2320 | 281 | 40753. | | | | | |
| 1 JAN 0055 | 12 | 0. | * | 1 JAN 0825 | 102 | 2319. | * | 1 JAN 1555 | 192 | 117145. | * | 1 JAN 2325 | 282 | 40047. | | | | | |
| 1 JAN 0100 | 13 | 0. | * | 1 JAN 0830 | 103 | 2451. | * | 1 JAN 1600 | 193 | 119969. | * | 1 JAN 2330 | 283 | 39357. | | | | | |
| 1 JAN 0105 | 14 | 0. | * | 1 JAN 0835 | 104 | 2587. | * | 1 JAN 1605 | 194 | 122632. | * | 1 JAN 2335 | 284 | 38680. | | | | | |
| 1 JAN 0110 | 15 | 0. | * | 1 JAN 0840 | 105 | 2728. | * | 1 JAN 1610 | 195 | 125115. | * | 1 JAN 2340 | 285 | 38019. | | | | | |
| 1 JAN 0115 | 16 | 0. | * | 1 JAN 0845 | 106 | 2873. | * | 1 JAN 1615 | 196 | 127407. | * | 1 JAN 2345 | 286 | 37374. | | | | | |
| 1 JAN 0120 | 17 | 0. | * | 1 JAN 0850 | 107 | 3022. | * | 1 JAN 1620 | 197 | 129500. | * | 1 JAN 2350 | 287 | 36744. | | | | | |
| 1 JAN 0125 | 18 | 0. | * | 1 JAN 0855 | 108 | 3175. | * | 1 JAN 1625 | 198 | 131391. | * | 1 JAN 2355 | 288 | 36132. | | | | | |
| 1 JAN 0130 | 19 | 0. | * | 1 JAN 0900 | 109 | 3333. | * | 1 JAN 1630 | 199 | 133076. | * | 2 JAN 0000 | 289 | 35537. | | | | | |
| 1 JAN 0135 | 20 | 0. | * | 1 JAN 0905 | 110 | 3495. | * | 1 JAN 1635 | 200 | 134554. | * | 2 JAN 0005 | 290 | 34959. | | | | | |
| 1 JAN 0140 | 21 | 0. | * | 1 JAN 0910 | 111 | 3661. | * | 1 JAN 1640 | 201 | 135823. | * | 2 JAN 0010 | 291 | 34397. | | | | | |
| 1 JAN 0145 | 22 | 0. | * | 1 JAN 0915 | 112 | 3832. | * | 1 JAN 1645 | 202 | 136884. | * | 2 JAN 0015 | 292 | 33852. | | | | | |
| 1 JAN 0150 | 23 | 0. | * | 1 JAN 0920 | 113 | 4008. | * | 1 JAN 1650 | 203 | 137741. | * | 2 JAN 0020 | 293 | 33320. | | | | | |
| 1 JAN 0155 | 24 | 0. | * | 1 JAN 0925 | 114 | 4188. | * | 1 JAN 1655 | 204 | 138398. | * | 2 JAN 0025 | 294 | 32802. | | | | | |
| 1 JAN 0200 | 25 | 0. | * | 1 JAN 0930 | 115 | 4373. | * | 1 JAN 1700 | 205 | 138862. | * | 2 JAN 0030 | 295 | 32295. | | | | | |
| 1 JAN 0205 | 26 | 0. | * | 1 JAN 0935 | 116 | 4563. | * | 1 JAN 1705 | 206 | 139141. | * | 2 JAN 0035 | 296 | 31799. | | | | | |
| 1 JAN 0210 | 27 | 0. | * | 1 JAN 0940 | 117 | 4757. | * | 1 JAN 1710 | 207 | 139240. | * | 2 JAN 0040 | 297 | 31314. | | | | | |
| 1 JAN 0215 | 28 | 0. | * | 1 JAN 0945 | 118 | 4955. | * | 1 JAN 1715 | 208 | 139166. | * | 2 JAN 0045 | 298 | 30841. | | | | | |
| 1 JAN 0220 | 29 | 0. | * | 1 JAN 0950 | 119 | 5159. | * | 1 JAN 1720 | 209 | 138924. | * | 2 JAN 0050 | 299 | 30378. | | | | | |
| 1 JAN 0225 | 30 | 0. | * | 1 JAN 0955 | 120 | 5367. | * | 1 JAN 1725 | 210 | 138519. | * | 2 JAN 0055 | 300 | 29925. | | | | | |
| 1 JAN 0230 | 31 | 0. | * | 1 JAN 1000 | 121 | 5579. | * | 1 JAN 1730 | 211 | 137955. | * | 2 JAN 0100 | 301 | 29482. | | | | | |
| 1 JAN 0235 | 32 | 0. | * | 1 JAN 1005 | 122 | 5797. | * | 1 JAN 1735 | 212 | 137238. | * | 2 JAN 0105 | 302 | 29047. | | | | | |
| 1 JAN 0240 | 33 | 0. | * | 1 JAN 1010 | 123 | 6019. | * | 1 JAN 1740 | 213 | 136375. | * | 2 JAN 0110 | 303 | 28620. | | | | | |
| 1 JAN 0245 | 34 | 0. | * | 1 JAN 1015 | 124 | 6246. | * | 1 JAN 1745 | 214 | 135379. | * | 2 JAN 0115 | 304 | 28200. | | | | | |
| 1 JAN 0250 | 35 | 0. | * | 1 JAN 1020 | 125 | 6478. | * | 1 JAN 1750 | 215 | 134262. | * | 2 JAN 0120 | 305 | 27786. | | | | | |
| 1 JAN 0255 | 36 | 0. | * | 1 JAN 1025 | 126 | 6715. | * | 1 JAN 1755 | 216 | 133038. | * | 2 JAN 0125 | 306 | 27378. | | | | | |
| 1 JAN 0300 | 37 | 0. | * | 1 JAN 1030 | 127 | 6957. | * | 1 JAN 1800 | 217 | 131719. | * | 2 JAN 0130 | 307 | 26978. | | | | | |
| 1 JAN 0305 | 38 | 0. | * | 1 JAN 1035 | 128 | 7204. | * | 1 JAN 1805 | 218 | 130318. | * | 2 JAN 0135 | 308 | 26584. | | | | | |
| 1 JAN 0310 | 39 | 0. | * | 1 JAN 1040 | 129 | 7457. | * | 1 JAN 1810 | 219 | 128845. | * | 2 JAN 0140 | 309 | 26198. | | | | | |
| 1 JAN 0315 | 40 | 0. | * | 1 JAN 1045 | 130 | 7716. | * | 1 JAN 1815 | 220 | 127311. | * | 2 JAN 0145 | 310 | 25818. | | | | | |
| 1 JAN 0320 | 41 | 0. | * | 1 JAN 1050 | 131 | 7981. | * | 1 JAN 1820 | 221 | 125727. | * | 2 JAN 0150 | 311 | 25445. | | | | | |
| 1 JAN 0325 | 42 | 0. | * | 1 JAN 1055 | 132 | 8253. | * | 1 JAN 1825 | 222 | 124100. | * | 2 JAN 0155 | 312 | 25078. | | | | | |
| 1 JAN 0330 | 43 | 0. | * | 1 JAN 1100 | 133 | 8532. | * | 1 JAN 1830 | 223 | 122438. | * | 2 JAN 0200 | 313 | 24715. | | | | | |
| 1 JAN 0335 | 44 | 0. | * | 1 JAN 1105 | 134 | 8818. | * | 1 JAN 1835 | 224 | 120747. | * | 2 JAN 0205 | 314 | 24358. | | | | | |
| 1 JAN 0340 | 45 | 1. | * | 1 JAN 1110 | 135 | 9113. | * | 1 JAN 1840 | 225 | 119037. | * | 2 JAN 0210 | 315 | 24005. | | | | | |
| 1 JAN 0345 | 46 | 1. | * | 1 JAN 1115 | 136 | 9417. | * | 1 JAN 1845 | 226 | 117315. | * | 2 JAN 0215 | 316 | 23656. | | | | | |
| 1 JAN 0350 | 47 | 1. | * | 1 JAN 1120 | 137 | 9730. | * | 1 JAN 1850 | 227 | 115585. | * | 2 JAN 0220 | 317 | 23311. | | | | | |
| 1 JAN 0355 | 48 | 2. | * | 1 JAN 1125 | 138 | 10053. | * | 1 JAN 1855 | 228 | 113851. | * | 2 JAN 0225 | 318 | 22970. | | | | | |
| 1 JAN 0400 | 49 | 2. | * | 1 JAN 1130 | 139 | 10388. | * | 1 JAN 1900 | 229 | 112114. | * | 2 JAN 0230 | 319 | 22632. | | | | | |
| 1 JAN 0405 | 50 | 3. | * | 1 JAN 1135 | 140 | 10734. | * | 1 JAN 1905 | 230 | 110377. | * | 2 JAN 0235 | 320 | 22298. | | | | | |
| 1 JAN 0410 | 51 | 4. | * | 1 JAN 1140 | 141 | 11094. | * | 1 JAN 1910 | 231 | 108639. | * | 2 JAN 0240 | 321 | 21968. | | | | | |
| 1 JAN 0415 | 52 | 6. | * | 1 JAN 1145 | 142 | 11469. | * | 1 JAN 1915 | 232 | 106900. | * | 2 JAN 0245 | 322 | 21639. | | | | | |
| 1 JAN 0420 | 53 | 8. | * | 1 JAN 1150 | 143 | 11862. | * | 1 JAN 1920 | 233 | 105160. | * | 2 JAN 0250 | 323 | 21312. | | | | | |
| 1 JAN 0425 | 54 | 10. | * | 1 JAN 1155 | 144 | 12282. | * | 1 JAN 1925 | 234 | 103417. | * | 2 JAN 0255 | 324 | 20987. | | | | | |
| 1 JAN 0430 | 55 | 13. | * | 1 JAN 1200 | 145 | 12739. | * | 1 JAN 1930 | 235 | 101666. | * | 2 JAN 0300 | 325 | 20662. | | | | | |
| 1 JAN 0435 | 56 | 16. | * | 1 JAN 1205 | 146 | 13254. | * | 1 JAN 1935 | 236 | 99901. | * | 2 JAN 0305 | 326 | 20337. | | | | | |
| 1 JAN 0440 | 57 | 20. | * | 1 JAN 1210 | 147 | 13847. | * | 1 JAN 1940 | 237 | 98119. | * | 2 JAN 0310 | 327 | 20012. | | | | | |
| 1 JAN 0445 | 58 | 25. | * | 1 JAN 1215 | 148 | 14536. | * | 1 JAN 1945 | 238 | 96317. | * | 2 JAN 0315 | 328 | 19686. | | | | | |
| 1 JAN 0450 | 59 | 30. | * | 1 JAN 1220 | 149 | 15326. | * | 1 JAN 1950 | 239 | 94496. | * | 2 JAN 0320 | 329 | 19360. | | | | | |
| 1 JAN 0455 | 60 | 36. | * | 1 JAN 1225 | 150 | 16209. | * | 1 JAN 1955 | 240 | 92655. | * | 2 JAN 0325 | 330 | 19033. | | | | | |
| 1 JAN 0500 | 61 | 43. | * | 1 JAN 1230 | 151 | 17175. | * | 1 JAN 2000 | 241 | 90798. | * | 2 JAN 0330 | 331 | 18705. | | | | | |
| 1 JAN 0505 | 62 | 51. | * | 1 JAN 1235 | 152 | 18226. | * | 1 JAN 2005 | 242 | 88928. | * | 2 JAN 0335 | 332 | 18376. | | | | | |
| 1 JAN 0510 | 63 | 60. | * | 1 JAN 1240 | 153 | 19381. | * | 1 JAN 2010 | 243 | 87051. | * | 2 JAN 0340 | 333 | 18045. | | | | | |
| 1 JAN 0515 | 64 | 70. | * | 1 JAN 1245 | 154 | 20660. | * | 1 JAN 2015 | 244 | 85172. | * | 2 JAN 0345 | 334 | 17713. | | | | | |
| 1 JAN 0520 | 65 | 81. | * | 1 JAN 1250 | 155 | 22077. | * | 1 JAN 2020 | 245 | 83301. | * | 2 JAN 0350 | 335 | 17380. | | | | | |
| 1 JAN 0525 | 66 | 94. | * | 1 JAN 1255 | 156 | 23623. | * | 1 JAN 2025 | 246 | 81446. | * | 2 JAN 0355 | 336 | 17046. | | | | | |
| 1 JAN 0530 | 67 | 108. | * | 1 JAN 1300 | 157 | 25275. | * | 1 JAN 2030 | 247 | 79618. | * | 2 JAN 0400 | 337 | 16712. | | | | | |
| 1 JAN 0535 | 68 | 123. | * | 1 JAN 1305 | 158 | 26998. | * | 1 JAN 2035 | 248 | 77827. | * | 2 JAN 0405 | 338 | 16377. | | | | | |
| 1 JAN 0540 | 69 | 139. | * | 1 JAN 1310 | 159 | 28759. | * | 1 JAN 2040 | 249 | 76080. | * | 2 JAN 0410 | 339 | 16042. | | | | | |
| 1 JAN 0545 | 70 | 158. | * | 1 JAN 1315 | 160 | 30528. | * | 1 JAN 2045 | 250 | 74382. | * | 2 JAN 0415 | 340 | 15707. | | | | | |
| 1 JAN 0550 | 71 | 178. | * | 1 JAN 1320 | 161 | 32291. | * | 1 JAN 2050 | 251 | 72737. | * | 2 JAN 0420 | 341 | 15373. | | | | | |
| 1 JAN 0555 | 72 | 200. | * | 1 JAN 1325 | 162 | 34046. | * | 1 JAN 2055 | 252 | 71146. | * | 2 JAN 0425 | 342 | 15039. | | | | | |
| 1 JAN 0600 | 73 | 224. | * | 1 JAN 1330 | 163 | 35804. | * | 1 JAN 2100 | 253 | 69607. | * | 2 JAN 0430 | 343 | 14707. | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0605 | 74 | 250. | * | 1 JAN 1335 | 164 | 37582. | * | 1 JAN 2105 | 254 | 68119. | * | 2 JAN 0435 | 344 | 14376. |
| 1 JAN 0610 | 75 | 278. | * | 1 JAN 1340 | 165 | 39398. | * | 1 JAN 2110 | 255 | 66680. | * | 2 JAN 0440 | 345 | 14046. |
| 1 JAN 0615 | 76 | 309. | * | 1 JAN 1345 | 166 | 41271. | * | 1 JAN 2115 | 256 | 65288. | * | 2 JAN 0445 | 346 | 13718. |
| 1 JAN 0620 | 77 | 342. | * | 1 JAN 1350 | 167 | 43217. | * | 1 JAN 2120 | 257 | 63940. | * | 2 JAN 0450 | 347 | 13391. |
| 1 JAN 0625 | 78 | 378. | * | 1 JAN 1355 | 168 | 45246. | * | 1 JAN 2125 | 258 | 62632. | * | 2 JAN 0455 | 348 | 13066. |
| 1 JAN 0630 | 79 | 417. | * | 1 JAN 1400 | 169 | 47363. | * | 1 JAN 2130 | 259 | 61363. | * | 2 JAN 0500 | 349 | 12743. |
| 1 JAN 0635 | 80 | 459. | * | 1 JAN 1405 | 170 | 49574. | * | 1 JAN 2135 | 260 | 60129. | * | 2 JAN 0505 | 350 | 12424. |
| 1 JAN 0640 | 81 | 504. | * | 1 JAN 1410 | 171 | 51880. | * | 1 JAN 2140 | 261 | 58929. | * | 2 JAN 0510 | 351 | 12107. |
| 1 JAN 0645 | 82 | 552. | * | 1 JAN 1415 | 172 | 54279. | * | 1 JAN 2145 | 262 | 57763. | * | 2 JAN 0515 | 352 | 11793. |
| 1 JAN 0650 | 83 | 603. | * | 1 JAN 1420 | 173 | 56774. | * | 1 JAN 2150 | 263 | 56629. | * | 2 JAN 0520 | 353 | 11484. |
| 1 JAN 0655 | 84 | 658. | * | 1 JAN 1425 | 174 | 59373. | * | 1 JAN 2155 | 264 | 55527. | * | 2 JAN 0525 | 354 | 11178. |
| 1 JAN 0700 | 85 | 717. | * | 1 JAN 1430 | 175 | 62084. | * | 1 JAN 2200 | 265 | 54458. | * | 2 JAN 0530 | 355 | 10876. |
| 1 JAN 0705 | 86 | 779. | * | 1 JAN 1435 | 176 | 64913. | * | 1 JAN 2205 | 266 | 53421. | * | 2 JAN 0535 | 356 | 10579. |
| 1 JAN 0710 | 87 | 845. | * | 1 JAN 1440 | 177 | 67858. | * | 1 JAN 2210 | 267 | 52416. | * | 2 JAN 0540 | 357 | 10286. |
| 1 JAN 0715 | 88 | 914. | * | 1 JAN 1445 | 178 | 70914. | * | 1 JAN 2215 | 268 | 51442. | * | 2 JAN 0545 | 358 | 9999. |
| 1 JAN 0720 | 89 | 988. | * | 1 JAN 1450 | 179 | 74070. | * | 1 JAN 2220 | 269 | 50496. | * | 2 JAN 0550 | 359 | 9717. |
| 1 JAN 0725 | 90 | 1065. | * | 1 JAN 1455 | 180 | 77317. | * | 1 JAN 2225 | 270 | 49577. | * | 2 JAN 0555 | 360 | 9441. |
| | | * | | | | * | | | | * | | | | |

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| PEAK FLOW | TIME | MAXIMUM AVERAGE FLOW | | | |
|---|---|---|---|---|---|
| | | 6-HR | 24-HR | 72-HR | 29.92-HR |
| + (CFS) | (HR) | | | | |
| | (CFS) | | | | |
| + 139240. | 17.17 | 112420. | 45473. | 36484. | 36484. |
| | (INCHES) | 8.888 | 14.380 | 14.381 | 14.381 |
| | (AC-FT) | 55745. | 90195. | 90205. | 90205. |

CUMULATIVE AREA = 117.61 SQ MI

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

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     **************
     *            *
216 KK   *  3BPMP *
     *            *
     **************
```

217 KO OUTPUT CONTROL VARIABLES

| | | |
|---|---|---|
| IPRNT | 0 | PRINT CONTROL |
| IPLOT | 0 | PLOT CONTROL |
| QSCAL | 0. | HYDROGRAPH PLOT SCALE |
| IPNCH | 1 | PUNCH COMPUTED HYDROGRAPH |
| IOUT | 22 | SAVE HYDROGRAPH ON THIS UNIT |
| ISAV1 | 1 | FIRST ORDINATE PUNCHED OR SAVED |
| ISAV2 | 360 | LAST ORDINATE PUNCHED OR SAVED |
| TIMINT | 0.083 | TIME INTERVAL IN HOURS |

220 IN TIME DATA FOR INPUT TIME SERIES

| | | |
|---|---|---|
| JXMIN | 6 | TIME INTERVAL IN MINUTES |
| JXDATE | 1JAN94 | STARTING DATE |
| JXTIME | 0 | STARTING TIME |

SUBBASIN RUNOFF DATA

218 BA SUBBASIN CHARACTERISTICS

TAREA, 14.78 SUBBASIN AREA

PRECIPITATION DATA

219 PB STORM 52.00 BASIN TOTAL PRECIPITATION

221 PI INCREMENTAL PRECIPITATION PATTERN

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 |
| 0.05 | 0.08 | 0.11 | 0.08 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

246 LS SCS LOSS RATE
STRTL 0.13 INITIAL ABSTRACTION
CRVNBR 94.00 CURVE NUMBER
RTIMP 0.00 PERCENT IMPERVIOUS AREA

247 UD SCS DIMENSIONLESS UNITGRAPH
TLAG 2.11 LAG

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UNIT HYDROGRAPH
128 END-OF-PERIOD ORDINATES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 39. | 77. | 138. | 228. | 319. | 431. | 547. | 674. | 829. | 984. |
| 1174. | 1381. | 1592. | 1837. | 2083. | 2307. | 2514. | 2720. | 2864. | 3006. |
| 3123. | 3201. | 3278. | 3303. | 3316. | 3323. | 3310. | 3297. | 3242. | 3164. |
| 3086. | 2995. | 2905. | 2808. | 2705. | 2601. | 2474. | 2345. | 2207. | 2052. |
| 1897. | 1762. | 1633. | 1512. | 1421. | 1331. | 1249. | 1171. | 1094. | 1030. |
| 965. | 909. | 862. | 815. | 768. | 720. | 676. | 637. | 599. | 560. |
| 521. | 485. | 459. | 433. | 407. | 381. | 356. | 336. | 317. | 297. |
| 278. | 259. | 244. | 230. | 215. | 201. | 187. | 176. | 166. | 157. |
| 147. | 137. | 129. | 122. | 115. | 108. | 101. | 94. | 89. | 84. |
| 79. | 74. | 69. | 65. | 61. | 57. | 53. | 50. | 47. | 44. |
| 42. | 39. | 37. | 35. | 34. | 32. | 30. | 29. | 27. | 26. |
| 24. | 23. | 21. | 20. | 18. | 17. | 15. | 14. | 13. | 11. |
| 10. | 9. | 8. | 6. | 5. | 4. | 2. | 1. | | |

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HYDROGRAPH AT STATION 3BPMP

**********

| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | * | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | * | 1 JAN 1500 | 181 | 0.13 | 0.00 | 0.13 | 75548. |
| 1 JAN 0005 | 2 | 0.04 | 0.04 | 0.00 | 0. | * | 1 JAN 1505 | 182 | 0.13 | 0.00 | 0.13 | 72416. |
| 1 JAN 0010 | 3 | 0.04 | 0.04 | 0.00 | 0. | * | 1 JAN 1510 | 183 | 0.13 | 0.00 | 0.13 | 69194. |
| 1 JAN 0015 | 4 | 0.05 | 0.05 | 0.00 | 0. | * | 1 JAN 1515 | 184 | 0.12 | 0.00 | 0.12 | 66003. |
| 1 JAN 0020 | 5 | 0.05 | 0.04 | 0.00 | 0. | * | 1 JAN 1520 | 185 | 0.12 | 0.00 | 0.12 | 62971. |
| 1 JAN 0025 | 6 | 0.04 | 0.03 | 0.01 | 1. | * | 1 JAN 1525 | 186 | 0.12 | 0.00 | 0.12 | 60132. |
| 1 JAN 0030 | 7 | 0.04 | 0.03 | 0.01 | 2. | * | 1 JAN 1530 | 187 | 0.12 | 0.00 | 0.12 | 57486. |
| 1 JAN 0035 | 8 | 0.05 | 0.03 | 0.02 | 4. | * | 1 JAN 1535 | 188 | 0.11 | 0.00 | 0.11 | 55057. |
| 1 JAN 0040 | 9 | 0.05 | 0.03 | 0.02 | 7. | * | 1 JAN 1540 | 189 | 0.11 | 0.00 | 0.11 | 52802. |
| 1 JAN 0045 | 10 | 0.05 | 0.02 | 0.02 | 12. | * | 1 JAN 1545 | 190 | 0.11 | 0.00 | 0.11 | 50649. |
| 1 JAN 0050 | 11 | 0.05 | 0.02 | 0.02 | 19. | * | 1 JAN 1550 | 191 | 0.11 | 0.00 | 0.11 | 48610. |
| 1 JAN 0055 | 12 | 0.05 | 0.02 | 0.03 | 29. | * | 1 JAN 1555 | 192 | 0.10 | 0.00 | 0.10 | 46678. |
| 1 JAN 0100 | 13 | 0.05 | 0.02 | 0.03 | 41. | * | 1 JAN 1600 | 193 | 0.10 | 0.00 | 0.10 | 44866. |
| 1 JAN 0105 | 14 | 0.05 | 0.02 | 0.03 | 57. | * | 1 JAN 1605 | 194 | 0.10 | 0.00 | 0.10 | 43172. |
| 1 JAN 0110 | 15 | 0.05 | 0.02 | 0.03 | 77. | * | 1 JAN 1610 | 195 | 0.10 | 0.00 | 0.10 | 41577. |
| 1 JAN 0115 | 16 | 0.05 | 0.01 | 0.03 | 101. | * | 1 JAN 1615 | 196 | 0.10 | 0.00 | 0.10 | 40081. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0120 | 17 | 0.05 | 0.01 | 0.04 | 131. | * | 1 JAN 1620 | 197 | 0.10 | 0.00 | 0.10 | 38647. |
| 1 JAN 0125 | 18 | 0.05 | 0.01 | 0.04 | 166. | * | 1 JAN 1625 | 198 | 0.10 | 0.00 | 0.10 | 37249. |
| 1 JAN 0130 | 19 | 0.05 | 0.01 | 0.04 | 208. | * | 1 JAN 1630 | 199 | 0.10 | 0.00 | 0.10 | 35896. |
| 1 JAN 0135 | 20 | 0.05 | 0.01 | 0.04 | 257. | * | 1 JAN 1635 | 200 | 0.09 | 0.00 | 0.09 | 34597. |
| 1 JAN 0140 | 21 | 0.05 | 0.01 | 0.04 | 312. | * | 1 JAN 1640 | 201 | 0.09 | 0.00 | 0.09 | 33355. |
| 1 JAN 0145 | 22 | 0.05 | 0.01 | 0.04 | 376. | * | 1 JAN 1645 | 202 | 0.09 | 0.00 | 0.09 | 32160. |
| 1 JAN 0150 | 23 | 0.05 | 0.01 | 0.04 | 447. | * | 1 JAN 1650 | 203 | 0.09 | 0.00 | 0.09 | 31001. |
| 1 JAN 0155 | 24 | 0.05 | 0.01 | 0.04 | 525. | * | 1 JAN 1655 | 204 | 0.09 | 0.00 | 0.09 | 29892. |
| 1 JAN 0200 | 25 | 0.05 | 0.01 | 0.04 | 610. | * | 1 JAN 1700 | 205 | 0.09 | 0.00 | 0.09 | 28851. |
| 1 JAN 0205 | 26 | 0.05 | 0.01 | 0.04 | 702. | * | 1 JAN 1705 | 206 | 0.09 | 0.00 | 0.09 | 27887. |
| 1 JAN 0210 | 27 | 0.05 | 0.01 | 0.04 | 801. | * | 1 JAN 1710 | 207 | 0.09 | 0.00 | 0.09 | 26981. |
| 1 JAN 0215 | 28 | 0.05 | 0.01 | 0.05 | 906. | * | 1 JAN 1715 | 208 | 0.09 | 0.00 | 0.09 | 26100. |
| 1 JAN 0220 | 29 | 0.05 | 0.01 | 0.05 | 1017. | * | 1 JAN 1720 | 209 | 0.08 | 0.00 | 0.08 | 25252. |
| 1 JAN 0225 | 30 | 0.06 | 0.01 | 0.05 | 1133. | * | 1 JAN 1725 | 210 | 0.08 | 0.00 | 0.08 | 24443. |
| 1 JAN 0230 | 31 | 0.05 | 0.01 | 0.05 | 1254. | * | 1 JAN 1730 | 211 | 0.09 | 0.00 | 0.09 | 23682. |
| 1 JAN 0235 | 32 | 0.06 | 0.01 | 0.05 | 1379. | * | 1 JAN 1735 | 212 | 0.08 | 0.00 | 0.08 | 22960. |
| 1 JAN 0240 | 33 | 0.06 | 0.01 | 0.05 | 1508. | * | 1 JAN 1740 | 213 | 0.08 | 0.00 | 0.08 | 22258. |
| 1 JAN 0245 | 34 | 0.05 | 0.00 | 0.05 | 1639. | * | 1 JAN 1745 | 214 | 0.08 | 0.00 | 0.08 | 21581. |
| 1 JAN 0250 | 35 | 0.05 | 0.00 | 0.05 | 1774. | * | 1 JAN 1750 | 215 | 0.08 | 0.00 | 0.08 | 20936. |
| 1 JAN 0255 | 36 | 0.06 | 0.00 | 0.05 | 1910. | * | 1 JAN 1755 | 216 | 0.08 | 0.00 | 0.08 | 20328. |
| 1 JAN 0300 | 37 | 0.06 | 0.00 | 0.05 | 2048. | * | 1 JAN 1800 | 217 | 0.08 | 0.00 | 0.08 | 19753. |
| 1 JAN 0305 | 38 | 0.06 | 0.00 | 0.05 | 2186. | * | 1 JAN 1805 | 218 | 0.08 | 0.00 | 0.08 | 19198. |
| 1 JAN 0310 | 39 | 0.06 | 0.00 | 0.05 | 2325. | * | 1 JAN 1810 | 219 | 0.07 | 0.00 | 0.07 | 18663. |
| 1 JAN 0315 | 40 | 0.06 | 0.00 | 0.05 | 2464. | * | 1 JAN 1815 | 220 | 0.08 | 0.00 | 0.08 | 18155. |
| 1 JAN 0320 | 41 | 0.06 | 0.00 | 0.05 | 2603. | * | 1 JAN 1820 | 221 | 0.08 | 0.00 | 0.08 | 17679. |
| 1 JAN 0325 | 42 | 0.06 | 0.00 | 0.06 | 2741. | * | 1 JAN 1825 | 222 | 0.07 | 0.00 | 0.07 | 17232. |
| 1 JAN 0330 | 43 | 0.06 | 0.00 | 0.05 | 2878. | * | 1 JAN 1830 | 223 | 0.07 | 0.00 | 0.07 | 16803. |
| 1 JAN 0335 | 44 | 0.06 | 0.00 | 0.06 | 3013. | * | 1 JAN 1835 | 224 | 0.07 | 0.00 | 0.07 | 16389. |
| 1 JAN 0340 | 45 | 0.06 | 0.00 | 0.06 | 3146. | * | 1 JAN 1840 | 225 | 0.07 | 0.00 | 0.07 | 15992. |
| 1 JAN 0345 | 46 | 0.06 | 0.00 | 0.06 | 3277. | * | 1 JAN 1845 | 226 | 0.07 | 0.00 | 0.07 | 15615. |
| 1 JAN 0350 | 47 | 0.06 | 0.00 | 0.06 | 3405. | * | 1 JAN 1850 | 227 | 0.07 | 0.00 | 0.07 | 15258. |
| 1 JAN 0355 | 48 | 0.06 | 0.00 | 0.06 | 3530. | * | 1 JAN 1855 | 228 | 0.07 | 0.00 | 0.07 | 14915. |
| 1 JAN 0400 | 49 | 0.06 | 0.00 | 0.06 | 3653. | * | 1 JAN 1900 | 229 | 0.06 | 0.00 | 0.06 | 14583. |
| 1 JAN 0405 | 50 | 0.06 | 0.00 | 0.06 | 3772. | * | 1 JAN 1905 | 230 | 0.07 | 0.00 | 0.07 | 14264. |
| 1 JAN 0410 | 51 | 0.06 | 0.00 | 0.06 | 3888. | * | 1 JAN 1910 | 231 | 0.07 | 0.00 | 0.07 | 13960. |
| 1 JAN 0415 | 52 | 0.06 | 0.00 | 0.06 | 4002. | * | 1 JAN 1915 | 232 | 0.07 | 0.00 | 0.06 | 13671. |
| 1 JAN 0420 | 53 | 0.06 | 0.00 | 0.06 | 4113. | * | 1 JAN 1920 | 233 | 0.06 | 0.00 | 0.06 | 13392. |
| 1 JAN 0425 | 54 | 0.07 | 0.00 | 0.06 | 4222. | * | 1 JAN 1925 | 234 | 0.06 | 0.00 | 0.06 | 13122. |
| 1 JAN 0430 | 55 | 0.06 | 0.00 | 0.06 | 4328. | * | 1 JAN 1930 | 235 | 0.07 | 0.00 | 0.06 | 12861. |
| 1 JAN 0435 | 56 | 0.06 | 0.00 | 0.06 | 4431. | * | 1 JAN 1935 | 236 | 0.06 | 0.00 | 0.06 | 12609. |
| 1 JAN 0440 | 57 | 0.06 | 0.00 | 0.06 | 4533. | * | 1 JAN 1940 | 237 | 0.06 | 0.00 | 0.06 | 12368. |
| 1 JAN 0445 | 58 | 0.07 | 0.00 | 0.06 | 4632. | * | 1 JAN 1945 | 238 | 0.06 | 0.00 | 0.06 | 12136. |
| 1 JAN 0450 | 59 | 0.07 | 0.00 | 0.06 | 4730. | * | 1 JAN 1950 | 239 | 0.06 | 0.00 | 0.06 | 11910. |
| 1 JAN 0455 | 60 | 0.07 | 0.00 | 0.07 | 4825. | * | 1 JAN 1955 | 240 | 0.06 | 0.00 | 0.06 | 11690. |
| 1 JAN 0500 | 61 | 0.07 | 0.00 | 0.07 | 4919. | * | 1 JAN 2000 | 241 | 0.06 | 0.00 | 0.06 | 11479. |
| 1 JAN 0505 | 62 | 0.07 | 0.00 | 0.07 | 5011. | * | 1 JAN 2005 | 242 | 0.06 | 0.00 | 0.06 | 11278. |
| 1 JAN 0510 | 63 | 0.07 | 0.00 | 0.07 | 5102. | * | 1 JAN 2010 | 243 | 0.06 | 0.00 | 0.06 | 11084. |
| 1 JAN 0515 | 64 | 0.07 | 0.00 | 0.07 | 5191. | * | 1 JAN 2015 | 244 | 0.06 | 0.00 | 0.06 | 10895. |
| 1 JAN 0520 | 65 | 0.07 | 0.00 | 0.07 | 5280. | * | 1 JAN 2020 | 245 | 0.06 | 0.00 | 0.06 | 10711. |
| 1 JAN 0525 | 66 | 0.07 | 0.00 | 0.07 | 5367. | * | 1 JAN 2025 | 246 | 0.06 | 0.00 | 0.06 | 10534. |
| 1 JAN 0530 | 67 | 0.07 | 0.00 | 0.07 | 5454. | * | 1 JAN 2030 | 247 | 0.05 | 0.00 | 0.05 | 10364. |
| 1 JAN 0535 | 68 | 0.08 | 0.00 | 0.08 | 5540. | * | 1 JAN 2035 | 248 | 0.06 | 0.00 | 0.06 | 10201. |
| 1 JAN 0540 | 69 | 0.07 | 0.00 | 0.07 | 5625. | * | 1 JAN 2040 | 249 | 0.06 | 0.00 | 0.06 | 10041. |
| 1 JAN 0545 | 70 | 0.07 | 0.00 | 0.07 | 5710. | * | 1 JAN 2045 | 250 | 0.05 | 0.00 | 0.05 | 9883. |
| 1 JAN 0550 | 71 | 0.08 | 0.00 | 0.07 | 5794. | * | 1 JAN 2050 | 251 | 0.05 | 0.00 | 0.05 | 9728. |
| 1 JAN 0555 | 72 | 0.08 | 0.00 | 0.08 | 5878. | * | 1 JAN 2055 | 252 | 0.06 | 0.00 | 0.06 | 9575. |
| 1 JAN 0600 | 73 | 0.08 | 0.00 | 0.08 | 5962. | * | 1 JAN 2100 | 253 | 0.06 | 0.00 | 0.06 | 9424. |
| 1 JAN 0605 | 74 | 0.08 | 0.00 | 0.08 | 6046. | * | 1 JAN 2105 | 254 | 0.05 | 0.00 | 0.05 | 9276. |
| 1 JAN 0610 | 75 | 0.08 | 0.00 | 0.08 | 6129. | * | 1 JAN 2110 | 255 | 0.05 | 0.00 | 0.05 | 9130. |
| 1 JAN 0615 | 76 | 0.08 | 0.00 | 0.08 | 6213. | * | 1 JAN 2115 | 256 | 0.05 | 0.00 | 0.05 | 8987. |
| 1 JAN 0620 | 77 | 0.08 | 0.00 | 0.08 | 6297. | * | 1 JAN 2120 | 257 | 0.05 | 0.00 | 0.05 | 8846. |
| 1 JAN 0625 | 78 | 0.08 | 0.00 | 0.08 | 6381. | * | 1 JAN 2125 | 258 | 0.05 | 0.00 | 0.05 | 8709. |
| 1 JAN 0630 | 79 | 0.08 | 0.00 | 0.08 | 6465. | * | 1 JAN 2130 | 259 | 0.05 | 0.00 | 0.05 | 8576. |
| 1 JAN 0635 | 80 | 0.09 | 0.00 | 0.09 | 6549. | * | 1 JAN 2135 | 260 | 0.06 | 0.00 | 0.06 | 8447. |
| 1 JAN 0640 | 81 | 0.08 | 0.00 | 0.08 | 6634. | * | 1 JAN 2140 | 261 | 0.05 | 0.00 | 0.05 | 8321. |
| 1 JAN 0645 | 82 | 0.08 | 0.00 | 0.08 | 6718. | * | 1 JAN 2145 | 262 | 0.05 | 0.00 | 0.05 | 8199. |
| 1 JAN 0650 | 83 | 0.08 | 0.00 | 0.08 | 6803. | * | 1 JAN 2150 | 263 | 0.05 | 0.00 | 0.05 | 8080. |
| 1 JAN 0655 | 84 | 0.09 | 0.00 | 0.09 | 6887. | * | 1 JAN 2155 | 264 | 0.05 | 0.00 | 0.05 | 7963. |
| 1 JAN 0700 | 85 | 0.09 | 0.00 | 0.09 | 6972. | * | 1 JAN 2200 | 265 | 0.05 | 0.00 | 0.05 | 7851. |
| 1 JAN 0705 | 86 | 0.09 | 0.00 | 0.09 | 7058. | * | 1 JAN 2205 | 266 | 0.05 | 0.00 | 0.05 | 7741. |
| 1 JAN 0710 | 87 | 0.09 | 0.00 | 0.09 | 7143. | * | 1 JAN 2210 | 267 | 0.05 | 0.00 | 0.05 | 7635. |
| 1 JAN 0715 | 88 | 0.09 | 0.00 | 0.09 | 7229. | * | 1 JAN 2215 | 268 | 0.05 | 0.00 | 0.05 | 7532. |
| 1 JAN 0720 | 89 | 0.09 | 0.00 | 0.09 | 7314. | * | 1 JAN 2220 | 269 | 0.05 | 0.00 | 0.05 | 7432. |
| 1 JAN 0725 | 90 | 0.09 | 0.00 | 0.09 | 7400. | * | 1 JAN 2225 | 270 | 0.05 | 0.00 | 0.05 | 7338. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0730 | 91 | 0.09 | 0.00 | 0.09 | 7486. | * | 1 JAN 2230 | 271 | 0.05 | 0.00 | 0.05 | 7251. |
| 1 JAN 0735 | 92 | 0.09 | 0.00 | 0.09 | 7572. | * | 1 JAN 2235 | 272 | 0.05 | 0.00 | 0.05 | 7171. |
| 1 JAN 0740 | 93 | 0.09 | 0.00 | 0.09 | 7658. | * | 1 JAN 2240 | 273 | 0.05 | 0.00 | 0.05 | 7100. |
| 1 JAN 0745 | 94 | 0.09 | 0.00 | 0.09 | 7745. | * | 1 JAN 2245 | 274 | 0.05 | 0.00 | 0.05 | 7036. |
| 1 JAN 0750 | 95 | 0.09 | 0.00 | 0.09 | 7831. | * | 1 JAN 2250 | 275 | 0.05 | 0.00 | 0.05 | 6975. |
| 1 JAN 0755 | 96 | 0.10 | 0.00 | 0.09 | 7917. | * | 1 JAN 2255 | 276 | 0.05 | 0.00 | 0.05 | 6917. |
| 1 JAN 0800 | 97 | 0.10 | 0.00 | 0.09 | 8003. | * | 1 JAN 2300 | 277 | 0.05 | 0.00 | 0.05 | 6862. |
| 1 JAN 0805 | 98 | 0.10 | 0.00 | 0.10 | 8090. | * | 1 JAN 2305 | 278 | 0.05 | 0.00 | 0.05 | 6809. |
| 1 JAN 0810 | 99 | 0.10 | 0.00 | 0.10 | 8176. | * | 1 JAN 2310 | 279 | 0.05 | 0.00 | 0.05 | 6759. |
| 1 JAN 0815 | 100 | 0.10 | 0.00 | 0.10 | 8263. | * | 1 JAN 2315 | 280 | 0.05 | 0.00 | 0.05 | 6711. |
| 1 JAN 0820 | 101 | 0.11 | 0.00 | 0.11 | 8351. | * | 1 JAN 2320 | 281 | 0.05 | 0.00 | 0.05 | 6664. |
| 1 JAN 0825 | 102 | 0.11 | 0.00 | 0.11 | 8439. | * | 1 JAN 2325 | 282 | 0.05 | 0.00 | 0.05 | 6619. |
| 1 JAN 0830 | 103 | 0.12 | 0.00 | 0.12 | 8529. | * | 1 JAN 2330 | 283 | 0.05 | 0.00 | 0.05 | 6576. |
| 1 JAN 0835 | 104 | 0.12 | 0.00 | 0.12 | 8619. | * | 1 JAN 2335 | 284 | 0.05 | 0.00 | 0.05 | 6534. |
| 1 JAN 0840 | 105 | 0.12 | 0.00 | 0.12 | 8711. | * | 1 JAN 2340 | 285 | 0.05 | 0.00 | 0.05 | 6494. |
| 1 JAN 0845 | 106 | 0.13 | 0.00 | 0.12 | 8806. | * | 1 JAN 2345 | 286 | 0.05 | 0.00 | 0.05 | 6455. |
| 1 JAN 0850 | 107 | 0.13 | 0.00 | 0.13 | 8903. | * | 1 JAN 2350 | 287 | 0.05 | 0.00 | 0.05 | 6417. |
| 1 JAN 0855 | 108 | 0.13 | 0.00 | 0.13 | 9003. | * | 1 JAN 2355 | 288 | 0.05 | 0.00 | 0.05 | 6381. |
| 1 JAN 0900 | 109 | 0.13 | 0.00 | 0.13 | 9106. | * | 2 JAN 0000 | 289 | 0.05 | 0.00 | 0.05 | 6345. |
| 1 JAN 0905 | 110 | 0.14 | 0.00 | 0.14 | 9214. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 6309. |
| 1 JAN 0910 | 111 | 0.14 | 0.00 | 0.14 | 9327. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 6271. |
| 1 JAN 0915 | 112 | 0.14 | 0.00 | 0.14 | 9445. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 6231. |
| 1 JAN 0920 | 113 | 0.14 | 0.00 | 0.14 | 9568. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 6188. |
| 1 JAN 0925 | 114 | 0.14 | 0.00 | 0.14 | 9697. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 6142. |
| 1 JAN 0930 | 115 | 0.14 | 0.00 | 0.14 | 9832. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 6091. |
| 1 JAN 0935 | 116 | 0.14 | 0.00 | 0.14 | 9973. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 6035. |
| 1 JAN 0940 | 117 | 0.15 | 0.00 | 0.15 | 10121. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 5974. |
| 1 JAN 0945 | 118 | 0.15 | 0.00 | 0.15 | 10276. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 5906. |
| 1 JAN 0950 | 119 | 0.16 | 0.00 | 0.16 | 10437. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 5832. |
| 1 JAN 0955 | 120 | 0.17 | 0.00 | 0.16 | 10605. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 5749. |
| 1 JAN 1000 | 121 | 0.17 | 0.00 | 0.17 | 10781. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 5657. |
| 1 JAN 1005 | 122 | 0.18 | 0.00 | 0.18 | 10963. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 5555. |
| 1 JAN 1010 | 123 | 0.19 | 0.00 | 0.19 | 11152. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 5443. |
| 1 JAN 1015 | 124 | 0.20 | 0.00 | 0.20 | 11348. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 5319. |
| 1 JAN 1020 | 125 | 0.20 | 0.00 | 0.20 | 11552. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 5186. |
| 1 JAN 1025 | 126 | 0.21 | 0.00 | 0.21 | 11763. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 5043. |
| 1 JAN 1030 | 127 | 0.22 | 0.00 | 0.22 | 11983. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 4892. |
| 1 JAN 1035 | 128 | 0.23 | 0.00 | 0.23 | 12211. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 4734. |
| 1 JAN 1040 | 129 | 0.25 | 0.00 | 0.25 | 12450. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 4571. |
| 1 JAN 1045 | 130 | 0.26 | 0.00 | 0.26 | 12700. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 4403. |
| 1 JAN 1050 | 131 | 0.28 | 0.00 | 0.27 | 12964. | * | 2 JAN 0150 | 311 | 0.00 | 0.00 | 0.00 | 4232. |
| 1 JAN 1055 | 132 | 0.29 | 0.00 | 0.29 | 13242. | * | 2 JAN 0155 | 312 | 0.00 | 0.00 | 0.00 | 4058. |
| 1 JAN 1100 | 133 | 0.30 | 0.00 | 0.30 | 13538. | * | 2 JAN 0200 | 313 | 0.00 | 0.00 | 0.00 | 3883. |
| 1 JAN 1105 | 134 | 0.33 | 0.00 | 0.33 | 13852. | * | 2 JAN 0205 | 314 | 0.00 | 0.00 | 0.00 | 3709. |
| 1 JAN 1110 | 135 | 0.36 | 0.00 | 0.36 | 14188. | * | 2 JAN 0210 | 315 | 0.00 | 0.00 | 0.00 | 3535. |
| 1 JAN 1115 | 136 | 0.40 | 0.00 | 0.40 | 14548. | * | 2 JAN 0215 | 316 | 0.00 | 0.00 | 0.00 | 3363. |
| 1 JAN 1120 | 137 | 0.43 | 0.00 | 0.43 | 14936. | * | 2 JAN 0220 | 317 | 0.00 | 0.00 | 0.00 | 3192. |
| 1 JAN 1125 | 138 | 0.47 | 0.00 | 0.47 | 15355. | * | 2 JAN 0225 | 318 | 0.00 | 0.00 | 0.00 | 3024. |
| 1 JAN 1130 | 139 | 0.50 | 0.00 | 0.50 | 15809. | * | 2 JAN 0230 | 319 | 0.00 | 0.00 | 0.00 | 2861. |
| 1 JAN 1135 | 140 | 1.03 | 0.00 | 1.03 | 16322. | * | 2 JAN 0235 | 320 | 0.00 | 0.00 | 0.00 | 2703. |
| 1 JAN 1140 | 141 | 1.86 | 0.00 | 1.85 | 16928. | * | 2 JAN 0240 | 321 | 0.00 | 0.00 | 0.00 | 2549. |
| 1 JAN 1145 | 142 | 2.81 | 0.00 | 2.81 | 17678. | * | 2 JAN 0245 | 322 | 0.00 | 0.00 | 0.00 | 2400. |
| 1 JAN 1150 | 143 | 4.36 | 0.00 | 4.36 | 18667. | * | 2 JAN 0250 | 323 | 0.00 | 0.00 | 0.00 | 2256. |
| 1 JAN 1155 | 144 | 5.58 | 0.00 | 5.57 | 19990. | * | 2 JAN 0255 | 324 | 0.00 | 0.00 | 0.00 | 2118. |
| 1 JAN 1200 | 145 | 4.12 | 0.00 | 4.12 | 21666. | * | 2 JAN 0300 | 325 | 0.00 | 0.00 | 0.00 | 1986. |
| 1 JAN 1205 | 146 | 0.82 | 0.00 | 0.82 | 23660. | * | 2 JAN 0305 | 326 | 0.00 | 0.00 | 0.00 | 1860. |
| 1 JAN 1210 | 147 | 0.74 | 0.00 | 0.74 | 26005. | * | 2 JAN 0310 | 327 | 0.00 | 0.00 | 0.00 | 1740. |
| 1 JAN 1215 | 148 | 0.66 | 0.00 | 0.66 | 28643. | * | 2 JAN 0315 | 328 | 0.00 | 0.00 | 0.00 | 1628. |
| 1 JAN 1220 | 149 | 0.59 | 0.00 | 0.59 | 31537. | * | 2 JAN 0320 | 329 | 0.00 | 0.00 | 0.00 | 1524. |
| 1 JAN 1225 | 150 | 0.51 | 0.00 | 0.51 | 34713. | * | 2 JAN 0325 | 330 | 0.00 | 0.00 | 0.00 | 1428. |
| 1 JAN 1230 | 151 | 0.42 | 0.00 | 0.42 | 38177. | * | 2 JAN 0330 | 331 | 0.00 | 0.00 | 0.00 | 1338. |
| 1 JAN 1235 | 152 | 0.36 | 0.00 | 0.36 | 41973. | * | 2 JAN 0335 | 332 | 0.00 | 0.00 | 0.00 | 1255. |
| 1 JAN 1240 | 153 | 0.35 | 0.00 | 0.35 | 46103. | * | 2 JAN 0340 | 333 | 0.00 | 0.00 | 0.00 | 1177. |
| 1 JAN 1245 | 154 | 0.33 | 0.00 | 0.33 | 50563. | * | 2 JAN 0345 | 334 | 0.00 | 0.00 | 0.00 | 1105. |
| 1 JAN 1250 | 155 | 0.31 | 0.00 | 0.31 | 55332. | * | 2 JAN 0350 | 335 | 0.00 | 0.00 | 0.00 | 1037. |
| 1 JAN 1255 | 156 | 0.29 | 0.00 | 0.29 | 60288. | * | 2 JAN 0355 | 336 | 0.00 | 0.00 | 0.00 | 973. |
| 1 JAN 1300 | 157 | 0.28 | 0.00 | 0.28 | 65362. | * | 2 JAN 0400 | 337 | 0.00 | 0.00 | 0.00 | 914. |
| 1 JAN 1305 | 158 | 0.26 | 0.00 | 0.26 | 70392. | * | 2 JAN 0405 | 338 | 0.00 | 0.00 | 0.00 | 858. |
| 1 JAN 1310 | 159 | 0.25 | 0.00 | 0.25 | 75145. | * | 2 JAN 0410 | 339 | 0.00 | 0.00 | 0.00 | 805. |
| 1 JAN 1315 | 160 | 0.24 | 0.00 | 0.24 | 79538. | * | 2 JAN 0415 | 340 | 0.00 | 0.00 | 0.00 | 756. |
| 1 JAN 1320 | 161 | 0.23 | 0.00 | 0.23 | 83513. | * | 2 JAN 0420 | 341 | 0.00 | 0.00 | 0.00 | 710. |
| 1 JAN 1325 | 162 | 0.22 | 0.00 | 0.22 | 86981. | * | 2 JAN 0425 | 342 | 0.00 | 0.00 | 0.00 | 666. |
| 1 JAN 1330 | 163 | 0.21 | 0.00 | 0.21 | 89918. | * | 2 JAN 0430 | 343 | 0.00 | 0.00 | 0.00 | 624. |
| 1 JAN 1335 | 164 | 0.20 | 0.00 | 0.20 | 92386. | * | 2 JAN 0435 | 344 | 0.00 | 0.00 | 0.00 | 585. |

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 1 JAN 1340 165  0.19  0.00  0.19  94317.  *   2 JAN 0440 345  0.00  0.00  0.00   549.
 1 JAN 1345 166  0.19  0.00  0.19  95745.  *   2 JAN 0445 346  0.00  0.00  0.00   514.
 1 JAN 1350 167  0.18  0.00  0.18  96700.  *   2 JAN 0450 347  0.00  0.00  0.00   482.
 1 JAN 1355 168  0.17  0.00  0.17  97200.  *   2 JAN 0455 348  0.00  0.00  0.00   452.
 1 JAN 1400 169  0.16  0.00  0.16  97359.  *   2 JAN 0500 349  0.00  0.00  0.00   423.
 1 JAN 1405 170  0.16  0.00  0.16  97152.  *   2 JAN 0505 350  0.00  0.00  0.00   397.
 1 JAN 1410 171  0.16  0.00  0.16  96544.  *   2 JAN 0510 351  0.00  0.00  0.00   372.
 1 JAN 1415 172  0.15  0.00  0.15  95513.  *   2 JAN 0515 352  0.00  0.00  0.00   349.
 1 JAN 1420 173  0.15  0.00  0.15  94087.  *   2 JAN 0520 353  0.00  0.00  0.00   327.
 1 JAN 1425 174  0.15  0.00  0.15  92419.  *   2 JAN 0525 354  0.00  0.00  0.00   306.
 1 JAN 1430 175  0.15  0.00  0.15  90567.  *   2 JAN 0530 355  0.00  0.00  0.00   287.
 1 JAN 1435 176  0.14  0.00  0.14  88535.  *   2 JAN 0535 356  0.00  0.00  0.00   269.
 1 JAN 1440 177  0.14  0.00  0.14  86333.  *   2 JAN 0540 357  0.00  0.00  0.00   252.
 1 JAN 1445 178  0.14  0.00  0.14  83945.  *   2 JAN 0545 358  0.00  0.00  0.00   236.
 1 JAN 1450 179  0.14  0.00  0.14  81359.  *   2 JAN 0550 359  0.00  0.00  0.00   221.
 1 JAN 1455 180  0.13  0.00  0.13  78553.  *   2 JAN 0555 360  0.00  0.00  0.00   207.
                                        *
*****************************************************************************************************************************

  TOTAL RAINFALL =  52.00, TOTAL LOSS =   0.76, TOTAL EXCESS =  51.24

 PEAK FLOW    TIME                MAXIMUM AVERAGE FLOW
                      6-HR     24-HR     72-HR    29.92-HR
+  (CFS)     (HR)
               (CFS)
+  97359.    14.00          55824.    20198.    16331.     16331.
             (INCHES)   35.112    50.815    51.217     51.217
             (AC-FT)   27682.    40061.    40378.     40378.

             CUMULATIVE AREA =  14.78 SQ MI


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


      **************
      *            *
 248 KK   *    9R *     CNAME    9C
      *            *
      **************

 249 KO       OUTPUT CONTROL VARIABLES
             IPRNT        0  PRINT CONTROL
             IPLOT        0  PLOT CONTROL
             QSCAL       0.  HYDROGRAPH PLOT SCALE
             IPNCH        0  PUNCH COMPUTED HYDROGRAPH
             IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
             ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
             ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
            TIMINT    0.083  TIME INTERVAL IN HOURS


        HYDROGRAPH ROUTING DATA

 250 RM       MUSKINGUM ROUTING
             NSTPS       15 NUMBER OF SUBREACHES
             AMSKK     1.13 MUSKINGUM K
               X     0.20 MUSKINGUM X

                                  ***

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

                          HYDROGRAPH AT STATION     9R

*****************************************************************************************************************************
                 *                 *                 *
 DA MON HRMN ORD     FLOW  *  DA MON HRMN ORD     FLOW  *  DA MON HRMN ORD     FLOW  *  DA MON HRMN ORD     FLOW
                 *                 *                 *
 1 JAN 0000  1      0.  *  1 JAN 0730  91   6336.  *  1 JAN 1500 181  95429.  *  1 JAN 2230 271   8795.
 1 JAN 0005  2      0.  *  1 JAN 0735  92   6420.  *  1 JAN 1505 182  95858.  *  1 JAN 2235 272   8661.
 1 JAN 0010  3      0.  *  1 JAN 0740  93   6504.  *  1 JAN 1510 183  95881.  *  1 JAN 2240 273   8529.
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| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0015 | 4 | 0. | * | 1 JAN 0745 | 94 | 6588. | * | 1 JAN 1515 | 184 | 95519. | * | 1 JAN 2245 | 274 | 8402. |
| 1 JAN 0020 | 5 | 0. | * | 1 JAN 0750 | 95 | 6673. | * | 1 JAN 1520 | 185 | 94798. | * | 1 JAN 2250 | 275 | 8277. |
| 1 JAN 0025 | 6 | 0. | * | 1 JAN 0755 | 96 | 6757. | * | 1 JAN 1525 | 186 | 93745. | * | 1 JAN 2255 | 276 | 8156. |
| 1 JAN 0030 | 7 | 0. | * | 1 JAN 0800 | 97 | 6842. | * | 1 JAN 1530 | 187 | 92393. | * | 1 JAN 2300 | 277 | 8038. |
| 1 JAN 0035 | 8 | 0. | * | 1 JAN 0805 | 98 | 6927. | * | 1 JAN 1535 | 188 | 90775. | * | 1 JAN 2305 | 278 | 7924. |
| 1 JAN 0040 | 9 | 0. | * | 1 JAN 0810 | 99 | 7012. | * | 1 JAN 1540 | 189 | 88917. | * | 1 JAN 2310 | 279 | 7813. |
| 1 JAN 0045 | 10 | 0. | * | 1 JAN 0815 | 100 | 7097. | * | 1 JAN 1545 | 190 | 86840. | * | 1 JAN 2315 | 280 | 7705. |
| 1 JAN 0050 | 11 | 0. | * | 1 JAN 0820 | 101 | 7183. | * | 1 JAN 1550 | 191 | 84561. | * | 1 JAN 2320 | 281 | 7602. |
| 1 JAN 0055 | 12 | 0. | * | 1 JAN 0825 | 102 | 7268. | * | 1 JAN 1555 | 192 | 82094. | * | 1 JAN 2325 | 282 | 7503. |
| 1 JAN 0100 | 13 | 0. | * | 1 JAN 0830 | 103 | 7354. | * | 1 JAN 1600 | 193 | 79457. | * | 1 JAN 2330 | 283 | 7409. |
| 1 JAN 0105 | 14 | 0. | * | 1 JAN 0835 | 104 | 7440. | * | 1 JAN 1605 | 194 | 76678. | * | 1 JAN 2335 | 284 | 7321. |
| 1 JAN 0110 | 15 | 0. | * | 1 JAN 0840 | 105 | 7526. | * | 1 JAN 1610 | 195 | 73794. | * | 1 JAN 2340 | 285 | 7238. |
| 1 JAN 0115 | 16 | 0. | * | 1 JAN 0845 | 106 | 7612. | * | 1 JAN 1615 | 196 | 70853. | * | 1 JAN 2345 | 286 | 7161. |
| 1 JAN 0120 | 17 | 1. | * | 1 JAN 0850 | 107 | 7698. | * | 1 JAN 1620 | 197 | 67908. | * | 1 JAN 2350 | 287 | 7090. |
| 1 JAN 0125 | 18 | 1. | * | 1 JAN 0855 | 108 | 7784. | * | 1 JAN 1625 | 198 | 65009. | * | 1 JAN 2355 | 288 | 7023. |
| 1 JAN 0130 | 19 | 2. | * | 1 JAN 0900 | 109 | 7871. | * | 1 JAN 1630 | 199 | 62200. | * | 2 JAN 0000 | 289 | 6961. |
| 1 JAN 0135 | 20 | 4. | * | 1 JAN 0905 | 110 | 7957. | * | 1 JAN 1635 | 200 | 59511. | * | 2 JAN 0005 | 290 | 6903. |
| 1 JAN 0140 | 21 | 6. | * | 1 JAN 0910 | 111 | 8044. | * | 1 JAN 1640 | 201 | 56961. | * | 2 JAN 0010 | 291 | 6847. |
| 1 JAN 0145 | 22 | 10. | * | 1 JAN 0915 | 112 | 8130. | * | 1 JAN 1645 | 202 | 54553. | * | 2 JAN 0015 | 292 | 6795. |
| 1 JAN 0150 | 23 | 16. | * | 1 JAN 0920 | 113 | 8218. | * | 1 JAN 1650 | 203 | 52285. | * | 2 JAN 0020 | 293 | 6744. |
| 1 JAN 0155 | 24 | 23. | * | 1 JAN 0925 | 114 | 8306. | * | 1 JAN 1655 | 204 | 50151. | * | 2 JAN 0025 | 294 | 6696. |
| 1 JAN 0200 | 25 | 33. | * | 1 JAN 0930 | 115 | 8394. | * | 1 JAN 1700 | 205 | 48141. | * | 2 JAN 0030 | 295 | 6650. |
| 1 JAN 0205 | 26 | 45. | * | 1 JAN 0935 | 116 | 8484. | * | 1 JAN 1705 | 206 | 46248. | * | 2 JAN 0035 | 296 | 6605. |
| 1 JAN 0210 | 27 | 61. | * | 1 JAN 0940 | 117 | 8575. | * | 1 JAN 1710 | 207 | 44463. | * | 2 JAN 0040 | 297 | 6562. |
| 1 JAN 0215 | 28 | 81. | * | 1 JAN 0945 | 118 | 8668. | * | 1 JAN 1715 | 208 | 42777. | * | 2 JAN 0045 | 298 | 6521. |
| 1 JAN 0220 | 29 | 105. | * | 1 JAN 0950 | 119 | 8763. | * | 1 JAN 1720 | 209 | 41179. | * | 2 JAN 0050 | 299 | 6480. |
| 1 JAN 0225 | 30 | 134. | * | 1 JAN 0955 | 120 | 8860. | * | 1 JAN 1725 | 210 | 39659. | * | 2 JAN 0055 | 300 | 6441. |
| 1 JAN 0230 | 31 | 168. | * | 1 JAN 1000 | 121 | 8960. | * | 1 JAN 1730 | 211 | 38209. | * | 2 JAN 0100 | 301 | 6403. |
| 1 JAN 0235 | 32 | 208. | * | 1 JAN 1005 | 122 | 9063. | * | 1 JAN 1735 | 212 | 36820. | * | 2 JAN 0105 | 302 | 6364. |
| 1 JAN 0240 | 33 | 254. | * | 1 JAN 1010 | 123 | 9171. | * | 1 JAN 1740 | 213 | 35488. | * | 2 JAN 0110 | 303 | 6326. |
| 1 JAN 0245 | 34 | 307. | * | 1 JAN 1015 | 124 | 9282. | * | 1 JAN 1745 | 214 | 34210. | * | 2 JAN 0115 | 304 | 6286. |
| 1 JAN 0250 | 35 | 367. | * | 1 JAN 1020 | 125 | 9399. | * | 1 JAN 1750 | 215 | 32984. | * | 2 JAN 0120 | 305 | 6245. |
| 1 JAN 0255 | 36 | 434. | * | 1 JAN 1025 | 126 | 9520. | * | 1 JAN 1755 | 216 | 31810. | * | 2 JAN 0125 | 306 | 6201. |
| 1 JAN 0300 | 37 | 508. | * | 1 JAN 1030 | 127 | 9647. | * | 1 JAN 1800 | 217 | 30690. | * | 2 JAN 0130 | 307 | 6154. |
| 1 JAN 0305 | 38 | 588. | * | 1 JAN 1035 | 128 | 9780. | * | 1 JAN 1805 | 218 | 29623. | * | 2 JAN 0135 | 308 | 6103. |
| 1 JAN 0310 | 39 | 676. | * | 1 JAN 1040 | 129 | 9919. | * | 1 JAN 1810 | 219 | 28608. | * | 2 JAN 0140 | 309 | 6047. |
| 1 JAN 0315 | 40 | 770. | * | 1 JAN 1045 | 130 | 10064. | * | 1 JAN 1815 | 220 | 27644. | * | 2 JAN 0145 | 310 | 5987. |
| 1 JAN 0320 | 41 | 871. | * | 1 JAN 1050 | 131 | 10215. | * | 1 JAN 1820 | 221 | 26727. | * | 2 JAN 0150 | 311 | 5920. |
| 1 JAN 0325 | 42 | 977. | * | 1 JAN 1055 | 132 | 10374. | * | 1 JAN 1825 | 222 | 25854. | * | 2 JAN 0155 | 312 | 5846. |
| 1 JAN 0330 | 43 | 1088. | * | 1 JAN 1100 | 133 | 10538. | * | 1 JAN 1830 | 223 | 25022. | * | 2 JAN 0200 | 313 | 5764. |
| 1 JAN 0335 | 44 | 1205. | * | 1 JAN 1105 | 134 | 10710. | * | 1 JAN 1835 | 224 | 24228. | * | 2 JAN 0205 | 314 | 5675. |
| 1 JAN 0340 | 45 | 1325. | * | 1 JAN 1110 | 135 | 10889. | * | 1 JAN 1840 | 225 | 23471. | * | 2 JAN 0210 | 315 | 5576. |
| 1 JAN 0345 | 46 | 1450. | * | 1 JAN 1115 | 136 | 11075. | * | 1 JAN 1845 | 226 | 22747. | * | 2 JAN 0215 | 316 | 5468. |
| 1 JAN 0350 | 47 | 1578. | * | 1 JAN 1120 | 137 | 11268. | * | 1 JAN 1850 | 227 | 22056. | * | 2 JAN 0220 | 317 | 5351. |
| 1 JAN 0355 | 48 | 1709. | * | 1 JAN 1125 | 138 | 11469. | * | 1 JAN 1855 | 228 | 21396. | * | 2 JAN 0225 | 318 | 5225. |
| 1 JAN 0400 | 49 | 1843. | * | 1 JAN 1130 | 139 | 11677. | * | 1 JAN 1900 | 229 | 20766. | * | 2 JAN 0230 | 319 | 5090. |
| 1 JAN 0405 | 50 | 1978. | * | 1 JAN 1135 | 140 | 11895. | * | 1 JAN 1905 | 230 | 20164. | * | 2 JAN 0235 | 320 | 4947. |
| 1 JAN 0410 | 51 | 2114. | * | 1 JAN 1140 | 141 | 12122. | * | 1 JAN 1910 | 231 | 19591. | * | 2 JAN 0240 | 321 | 4797. |
| 1 JAN 0415 | 52 | 2251. | * | 1 JAN 1145 | 142 | 12359. | * | 1 JAN 1915 | 232 | 19045. | * | 2 JAN 0245 | 322 | 4641. |
| 1 JAN 0420 | 53 | 2389. | * | 1 JAN 1150 | 143 | 12608. | * | 1 JAN 1920 | 233 | 18524. | * | 2 JAN 0250 | 323 | 4479. |
| 1 JAN 0425 | 54 | 2526. | * | 1 JAN 1155 | 144 | 12870. | * | 1 JAN 1925 | 234 | 18029. | * | 2 JAN 0255 | 324 | 4314. |
| 1 JAN 0430 | 55 | 2663. | * | 1 JAN 1200 | 145 | 13147. | * | 1 JAN 1930 | 235 | 17558. | * | 2 JAN 0300 | 325 | 4145. |
| 1 JAN 0435 | 56 | 2799. | * | 1 JAN 1205 | 146 | 13440. | * | 1 JAN 1935 | 236 | 17109. | * | 2 JAN 0305 | 326 | 3975. |
| 1 JAN 0440 | 57 | 2934. | * | 1 JAN 1210 | 147 | 13753. | * | 1 JAN 1940 | 237 | 16681. | * | 2 JAN 0310 | 327 | 3804. |
| 1 JAN 0445 | 58 | 3067. | * | 1 JAN 1215 | 148 | 14088. | * | 1 JAN 1945 | 238 | 16273. | * | 2 JAN 0315 | 328 | 3632. |
| 1 JAN 0450 | 59 | 3198. | * | 1 JAN 1220 | 149 | 14449. | * | 1 JAN 1950 | 239 | 15883. | * | 2 JAN 0320 | 329 | 3462. |
| 1 JAN 0455 | 60 | 3326. | * | 1 JAN 1225 | 150 | 14843. | * | 1 JAN 1955 | 240 | 15511. | * | 2 JAN 0325 | 330 | 3293. |
| 1 JAN 0500 | 61 | 3453. | * | 1 JAN 1230 | 151 | 15282. | * | 1 JAN 2000 | 241 | 15154. | * | 2 JAN 0330 | 331 | 3127. |
| 1 JAN 0505 | 62 | 3576. | * | 1 JAN 1235 | 152 | 15782. | * | 1 JAN 2005 | 242 | 14813. | * | 2 JAN 0335 | 332 | 2964. |
| 1 JAN 0510 | 63 | 3697. | * | 1 JAN 1240 | 153 | 16367. | * | 1 JAN 2010 | 243 | 14486. | * | 2 JAN 0340 | 333 | 2804. |
| 1 JAN 0515 | 64 | 3815. | * | 1 JAN 1245 | 154 | 17071. | * | 1 JAN 2015 | 244 | 14172. | * | 2 JAN 0345 | 334 | 2649. |
| 1 JAN 0520 | 65 | 3931. | * | 1 JAN 1250 | 155 | 17931. | * | 1 JAN 2020 | 245 | 13871. | * | 2 JAN 0350 | 335 | 2499. |
| 1 JAN 0525 | 66 | 4044. | * | 1 JAN 1255 | 156 | 18990. | * | 1 JAN 2025 | 246 | 13582. | * | 2 JAN 0355 | 336 | 2353. |
| 1 JAN 0530 | 67 | 4154. | * | 1 JAN 1300 | 157 | 20283. | * | 1 JAN 2030 | 247 | 13305. | * | 2 JAN 0400 | 337 | 2213. |
| 1 JAN 0535 | 68 | 4262. | * | 1 JAN 1305 | 158 | 21842. | * | 1 JAN 2035 | 248 | 13037. | * | 2 JAN 0405 | 338 | 2079. |
| 1 JAN 0540 | 69 | 4367. | * | 1 JAN 1310 | 159 | 23685. | * | 1 JAN 2040 | 249 | 12779. | * | 2 JAN 0410 | 339 | 1951. |
| 1 JAN 0545 | 70 | 4470. | * | 1 JAN 1315 | 160 | 25823. | * | 1 JAN 2045 | 250 | 12531. | * | 2 JAN 0415 | 340 | 1829. |
| 1 JAN 0550 | 71 | 4571. | * | 1 JAN 1320 | 161 | 28261. | * | 1 JAN 2050 | 251 | 12291. | * | 2 JAN 0420 | 341 | 1714. |
| 1 JAN 0555 | 72 | 4670. | * | 1 JAN 1325 | 162 | 30998. | * | 1 JAN 2055 | 252 | 12060. | * | 2 JAN 0425 | 342 | 1606. |
| 1 JAN 0600 | 73 | 4767. | * | 1 JAN 1330 | 163 | 34035. | * | 1 JAN 2100 | 253 | 11837. | * | 2 JAN 0430 | 343 | 1505. |
| 1 JAN 0605 | 74 | 4862. | * | 1 JAN 1335 | 164 | 37372. | * | 1 JAN 2105 | 254 | 11622. | * | 2 JAN 0435 | 344 | 1410. |
| 1 JAN 0610 | 75 | 4955. | * | 1 JAN 1340 | 165 | 41006. | * | 1 JAN 2110 | 255 | 11414. | * | 2 JAN 0440 | 345 | 1322. |
| 1 JAN 0615 | 76 | 5048. | * | 1 JAN 1345 | 166 | 44925. | * | 1 JAN 2115 | 256 | 11214. | * | 2 JAN 0445 | 346 | 1239. |
| 1 JAN 0620 | 77 | 5138. | * | 1 JAN 1350 | 167 | 49106. | * | 1 JAN 2120 | 257 | 11020. | * | 2 JAN 0450 | 347 | 1162. |

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 1 JAN 0625  78   5228.  *  1 JAN 1355 168   53505.  *  1 JAN 2125 258   10833.  *  2 JAN 0455 348   1090.
 1 JAN 0630  79   5316.  *  1 JAN 1400 169   58058.  *  1 JAN 2130 259   10652.  *  2 JAN 0500 349   1023.
 1 JAN 0635  80   5404.  *  1 JAN 1405 170   62681.  *  1 JAN 2135 260   10477.  *  2 JAN 0505 350    960.
 1 JAN 0640  81   5491.  *  1 JAN 1410 171   67278.  *  1 JAN 2140 261   10307.  *  2 JAN 0510 351    901.
 1 JAN 0645  82   5577.  *  1 JAN 1415 172   71747.  *  1 JAN 2145 262   10142.  *  2 JAN 0515 352    846.
 1 JAN 0650  83   5662.  *  1 JAN 1420 173   75992.  *  1 JAN 2150 263    9980.  *  2 JAN 0520 353    794.
 1 JAN 0655  84   5747.  *  1 JAN 1425 174   79929.  *  1 JAN 2155 264    9822.  *  2 JAN 0525 354    745.
 1 JAN 0700  85   5832.  *  1 JAN 1430 175   83490.  *  1 JAN 2200 265    9667.  *  2 JAN 0530 355    699.
 1 JAN 0705  86   5916.  *  1 JAN 1435 176   86628.  *  1 JAN 2205 266    9515.  *  2 JAN 0535 356    656.
 1 JAN 0710  87   6000.  *  1 JAN 1440 177   89313.  *  1 JAN 2210 267    9365.  *  2 JAN 0540 357    615.
 1 JAN 0715  88   6084.  *  1 JAN 1445 178   91531.  *  1 JAN 2215 268    9218.  *  2 JAN 0545 358    577.
 1 JAN 0720  89   6168.  *  1 JAN 1450 179   93282.  *  1 JAN 2220 269    9074.  *  2 JAN 0550 359    541.
 1 JAN 0725  90   6252.  *  1 JAN 1455 180   94576.  *  1 JAN 2225 270    8933.  *  2 JAN 0555 360    507.
                     *                   *                   *
*****************************************************************************************************************

 PEAK FLOW    TIME                MAXIMUM AVERAGE FLOW
                     6-HR     24-HR     72-HR   29.92-HR
+ (CFS)    (HR)
             (CFS)
+ 95881.   15.17          55720.    20194.    16318.    16318.
            (INCHES)  35.046    50.807    51.176    51.176
            (AC-FT)  27630.    40055.    40346.    40346.

            CUMULATIVE AREA =  14.78 SQ MI


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


      **************
      *            *
 251 KK   *   1BPMP *
      *            *
      **************

 252 KO      OUTPUT CONTROL VARIABLES
             IPRNT        0  PRINT CONTROL
             IPLOT        0  PLOT CONTROL
             QSCAL       0.  HYDROGRAPH PLOT SCALE
             IPNCH        1  PUNCH COMPUTED HYDROGRAPH
             IOUT        22  SAVE HYDROGRAPH ON THIS UNIT
             ISAV1        1  FIRST ORDINATE PUNCHED OR SAVED
             ISAV2      360  LAST ORDINATE PUNCHED OR SAVED
            TIMINT    0.083  TIME INTERVAL IN HOURS


 255 IN      TIME DATA FOR INPUT TIME SERIES
             JXMIN        6  TIME INTERVAL IN MINUTES
            JXDATE   1JAN94  STARTING DATE
            JXTIME        0  STARTING TIME

        SUBBASIN RUNOFF DATA

 253 BA      SUBBASIN CHARACTERISTICS
             TAREA,    25.74  SUBBASIN AREA

        PRECIPITATION DATA

 254 PB          STORM     19.53  BASIN TOTAL PRECIPITATION

 256 PI      INCREMENTAL PRECIPITATION PATTERN
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
            0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00
```

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 |
| 0.05 | 0.08 | 0.11 | 0.08 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

281 LS SCS LOSS RATE
STRTL 0.50 INITIAL ABSTRACTION
CRVNBR 80.00 CURVE NUMBER
RTIMP 0.00 PERCENT IMPERVIOUS AREA

282 UD SCS DIMENSIONLESS UNITGRAPH
TLAG 3.48 LAG

***

UNIT HYDROGRAPH
211 END-OF-PERIOD ORDINATES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 25. | 50. | 75. | 100. | 151. | 210. | 269. | 327. | 395. | 470. |
| 545. | 621. | 704. | 805. | 905. | 1005. | 1109. | 1243. | 1377. | 1511. |
| 1645. | 1801. | 1959. | 2118. | 2277. | 2420. | 2553. | 2687. | 2821. | 2937. |
| 3029. | 3121. | 3213. | 3296. | 3346. | 3396. | 3446. | 3497. | 3505. | 3514. |
| 3522. | 3530. | 3526. | 3518. | 3509. | 3501. | 3470. | 3420. | 3369. | 3319. |
| 3266. | 3208. | 3149. | 3091. | 3031. | 2964. | 2898. | 2831. | 2764. | 2682. |
| 2599. | 2515. | 2431. | 2337. | 2236. | 2136. | 2036. | 1942. | 1859. | 1775. |
| 1692. | 1613. | 1554. | 1496. | 1437. | 1379. | 1328. | 1278. | 1228. | 1178. |
| 1134. | 1092. | 1050. | 1009. | 973. | 942. | 912. | 881. | 851. | 820. |
| 790. | 759. | 729. | 704. | 679. | 654. | 629. | 604. | 578. | 553. |
| 528. | 509. | 492. | 475. | 458. | 442. | 425. | 408. | 391. | 376. |
| 363. | 350. | 338. | 325. | 313. | 300. | 288. | 275. | 265. | 256. |
| 247. | 238. | 228. | 219. | 210. | 201. | 192. | 186. | 180. | 174. |
| 167. | 161. | 155. | 148. | 142. | 137. | 133. | 128. | 124. | 119. |
| 114. | 110. | 105. | 101. | 98. | 94. | 91. | 88. | 84. | 81. |
| 78. | 74. | 72. | 69. | 67. | 64. | 62. | 59. | 57. | 54. |
| 52. | 50. | 49. | 47. | 45. | 44. | 42. | 40. | 39. | 38. |
| 37. | 36. | 35. | 34. | 33. | 32. | 31. | 30. | 29. | 28. |
| 27. | 26. | 25. | 24. | 23. | 22. | 21. | 20. | 19. | 18. |
| 17. | 16. | 15. | 14. | 14. | 13. | 12. | 11. | 10. | 9. |
| 9. | 8. | 7. | 6. | 5. | 4. | 3. | 3. | 2. | 1. |
| 0. | | | | | | | | | |

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HYDROGRAPH AT STATION 1BPMP

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| DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q | * | DA MON HRMN | ORD | RAIN | LOSS | EXCESS | COMP Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0000 | 1 | 0.00 | 0.00 | 0.00 | 0. | * | 1 JAN 1500 | 181 | 0.05 | 0.00 | 0.05 | 39819. |
| 1 JAN 0005 | 2 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1505 | 182 | 0.05 | 0.00 | 0.05 | 40124. |
| 1 JAN 0010 | 3 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1510 | 183 | 0.05 | 0.00 | 0.05 | 40344. |
| 1 JAN 0015 | 4 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1515 | 184 | 0.05 | 0.00 | 0.05 | 40524. |
| 1 JAN 0020 | 5 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1520 | 185 | 0.04 | 0.00 | 0.04 | 40658. |
| 1 JAN 0025 | 6 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1525 | 186 | 0.04 | 0.00 | 0.04 | 40735. |
| 1 JAN 0030 | 7 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1530 | 187 | 0.04 | 0.00 | 0.04 | 40750. |
| 1 JAN 0035 | 8 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1535 | 188 | 0.04 | 0.00 | 0.04 | 40711. |
| 1 JAN 0040 | 9 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1540 | 189 | 0.04 | 0.00 | 0.04 | 40603. |
| 1 JAN 0045 | 10 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1545 | 190 | 0.04 | 0.00 | 0.04 | 40406. |
| 1 JAN 0050 | 11 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1550 | 191 | 0.04 | 0.00 | 0.04 | 40122. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0055 | 12 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1555 | 192 | 0.04 | 0.00 | 0.04 | 39787. |
| 1 JAN 0100 | 13 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1600 | 193 | 0.04 | 0.00 | 0.04 | 39422. |
| 1 JAN 0105 | 14 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1605 | 194 | 0.04 | 0.00 | 0.04 | 39023. |
| 1 JAN 0110 | 15 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1610 | 195 | 0.04 | 0.00 | 0.04 | 38589. |
| 1 JAN 0115 | 16 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1615 | 196 | 0.04 | 0.00 | 0.04 | 38126. |
| 1 JAN 0120 | 17 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1620 | 197 | 0.04 | 0.00 | 0.04 | 37640. |
| 1 JAN 0125 | 18 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1625 | 198 | 0.04 | 0.00 | 0.04 | 37126. |
| 1 JAN 0130 | 19 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1630 | 199 | 0.04 | 0.00 | 0.04 | 36581. |
| 1 JAN 0135 | 20 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1635 | 200 | 0.03 | 0.00 | 0.03 | 36005. |
| 1 JAN 0140 | 21 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1640 | 201 | 0.04 | 0.00 | 0.03 | 35404. |
| 1 JAN 0145 | 22 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1645 | 202 | 0.03 | 0.00 | 0.03 | 34769. |
| 1 JAN 0150 | 23 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1650 | 203 | 0.03 | 0.00 | 0.03 | 34091. |
| 1 JAN 0155 | 24 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1655 | 204 | 0.03 | 0.00 | 0.03 | 33374. |
| 1 JAN 0200 | 25 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1700 | 205 | 0.03 | 0.00 | 0.03 | 32632. |
| 1 JAN 0205 | 26 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1705 | 206 | 0.03 | 0.00 | 0.03 | 31862. |
| 1 JAN 0210 | 27 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1710 | 207 | 0.03 | 0.00 | 0.03 | 31057. |
| 1 JAN 0215 | 28 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1715 | 208 | 0.03 | 0.00 | 0.03 | 30226. |
| 1 JAN 0220 | 29 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1720 | 209 | 0.03 | 0.00 | 0.03 | 29390. |
| 1 JAN 0225 | 30 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1725 | 210 | 0.03 | 0.00 | 0.03 | 28567. |
| 1 JAN 0230 | 31 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1730 | 211 | 0.03 | 0.00 | 0.03 | 27767. |
| 1 JAN 0235 | 32 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1735 | 212 | 0.03 | 0.00 | 0.03 | 26998. |
| 1 JAN 0240 | 33 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1740 | 213 | 0.03 | 0.00 | 0.03 | 26254. |
| 1 JAN 0245 | 34 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1745 | 214 | 0.03 | 0.00 | 0.03 | 25534. |
| 1 JAN 0250 | 35 | 0.02 | 0.02 | 0.00 | 0. | * | 1 JAN 1750 | 215 | 0.03 | 0.00 | 0.03 | 24854. |
| 1 JAN 0255 | 36 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1755 | 216 | 0.03 | 0.00 | 0.03 | 24220. |
| 1 JAN 0300 | 37 | 0.02 | 0.02 | 0.00 | 1. | * | 1 JAN 1800 | 217 | 0.03 | 0.00 | 0.03 | 23620. |
| 1 JAN 0305 | 38 | 0.02 | 0.02 | 0.00 | 2. | * | 1 JAN 1805 | 218 | 0.03 | 0.00 | 0.03 | 23033. |
| 1 JAN 0310 | 39 | 0.02 | 0.02 | 0.00 | 2. | * | 1 JAN 1810 | 219 | 0.03 | 0.00 | 0.03 | 22462. |
| 1 JAN 0315 | 40 | 0.02 | 0.02 | 0.00 | 3. | * | 1 JAN 1815 | 220 | 0.03 | 0.00 | 0.03 | 21913. |
| 1 JAN 0320 | 41 | 0.02 | 0.02 | 0.00 | 4. | * | 1 JAN 1820 | 221 | 0.03 | 0.00 | 0.03 | 21382. |
| 1 JAN 0325 | 42 | 0.02 | 0.02 | 0.00 | 5. | * | 1 JAN 1825 | 222 | 0.03 | 0.00 | 0.03 | 20863. |
| 1 JAN 0330 | 43 | 0.02 | 0.02 | 0.00 | 7. | * | 1 JAN 1830 | 223 | 0.03 | 0.00 | 0.03 | 20359. |
| 1 JAN 0335 | 44 | 0.02 | 0.02 | 0.00 | 9. | * | 1 JAN 1835 | 224 | 0.03 | 0.00 | 0.03 | 19874. |
| 1 JAN 0340 | 45 | 0.02 | 0.02 | 0.01 | 11. | * | 1 JAN 1840 | 225 | 0.03 | 0.00 | 0.03 | 19410. |
| 1 JAN 0345 | 46 | 0.02 | 0.02 | 0.01 | 13. | * | 1 JAN 1845 | 226 | 0.03 | 0.00 | 0.03 | 18960. |
| 1 JAN 0350 | 47 | 0.02 | 0.02 | 0.01 | 16. | * | 1 JAN 1850 | 227 | 0.03 | 0.00 | 0.03 | 18527. |
| 1 JAN 0355 | 48 | 0.02 | 0.02 | 0.01 | 19. | * | 1 JAN 1855 | 228 | 0.03 | 0.00 | 0.03 | 18116. |
| 1 JAN 0400 | 49 | 0.02 | 0.02 | 0.01 | 23. | * | 1 JAN 1900 | 229 | 0.02 | 0.00 | 0.02 | 17727. |
| 1 JAN 0405 | 50 | 0.02 | 0.02 | 0.01 | 27. | * | 1 JAN 1905 | 230 | 0.03 | 0.00 | 0.03 | 17350. |
| 1 JAN 0410 | 51 | 0.02 | 0.02 | 0.01 | 32. | * | 1 JAN 1910 | 231 | 0.02 | 0.00 | 0.02 | 16977. |
| 1 JAN 0415 | 52 | 0.02 | 0.02 | 0.01 | 37. | * | 1 JAN 1915 | 232 | 0.02 | 0.00 | 0.02 | 16609. |
| 1 JAN 0420 | 53 | 0.02 | 0.02 | 0.01 | 43. | * | 1 JAN 1920 | 233 | 0.02 | 0.00 | 0.02 | 16246. |
| 1 JAN 0425 | 54 | 0.02 | 0.02 | 0.01 | 50. | * | 1 JAN 1925 | 234 | 0.02 | 0.00 | 0.02 | 15889. |
| 1 JAN 0430 | 55 | 0.02 | 0.02 | 0.01 | 58. | * | 1 JAN 1930 | 235 | 0.02 | 0.00 | 0.02 | 15540. |
| 1 JAN 0435 | 56 | 0.02 | 0.02 | 0.01 | 66. | * | 1 JAN 1935 | 236 | 0.02 | 0.00 | 0.02 | 15201. |
| 1 JAN 0440 | 57 | 0.02 | 0.02 | 0.01 | 75. | * | 1 JAN 1940 | 237 | 0.02 | 0.00 | 0.02 | 14875. |
| 1 JAN 0445 | 58 | 0.02 | 0.02 | 0.01 | 85. | * | 1 JAN 1945 | 238 | 0.02 | 0.00 | 0.02 | 14559. |
| 1 JAN 0450 | 59 | 0.03 | 0.02 | 0.01 | 96. | * | 1 JAN 1950 | 239 | 0.02 | 0.00 | 0.02 | 14246. |
| 1 JAN 0455 | 60 | 0.03 | 0.02 | 0.01 | 108. | * | 1 JAN 1955 | 240 | 0.02 | 0.00 | 0.02 | 13936. |
| 1 JAN 0500 | 61 | 0.03 | 0.02 | 0.01 | 121. | * | 1 JAN 2000 | 241 | 0.02 | 0.00 | 0.02 | 13630. |
| 1 JAN 0505 | 62 | 0.03 | 0.02 | 0.01 | 134. | * | 1 JAN 2005 | 242 | 0.02 | 0.00 | 0.02 | 13330. |
| 1 JAN 0510 | 63 | 0.03 | 0.02 | 0.01 | 149. | * | 1 JAN 2010 | 243 | 0.02 | 0.00 | 0.02 | 13039. |
| 1 JAN 0515 | 64 | 0.03 | 0.02 | 0.01 | 165. | * | 1 JAN 2015 | 244 | 0.02 | 0.00 | 0.02 | 12760. |
| 1 JAN 0520 | 65 | 0.03 | 0.02 | 0.01 | 182. | * | 1 JAN 2020 | 245 | 0.02 | 0.00 | 0.02 | 12497. |
| 1 JAN 0525 | 66 | 0.03 | 0.02 | 0.01 | 200. | * | 1 JAN 2025 | 246 | 0.02 | 0.00 | 0.02 | 12249. |
| 1 JAN 0530 | 67 | 0.03 | 0.01 | 0.01 | 220. | * | 1 JAN 2030 | 247 | 0.02 | 0.00 | 0.02 | 12008. |
| 1 JAN 0535 | 68 | 0.03 | 0.02 | 0.01 | 240. | * | 1 JAN 2035 | 248 | 0.02 | 0.00 | 0.02 | 11771. |
| 1 JAN 0540 | 69 | 0.03 | 0.01 | 0.01 | 262. | * | 1 JAN 2040 | 249 | 0.02 | 0.00 | 0.02 | 11537. |
| 1 JAN 0545 | 70 | 0.03 | 0.01 | 0.01 | 284. | * | 1 JAN 2045 | 250 | 0.02 | 0.00 | 0.02 | 11307. |
| 1 JAN 0550 | 71 | 0.03 | 0.01 | 0.01 | 308. | * | 1 JAN 2050 | 251 | 0.02 | 0.00 | 0.02 | 11082. |
| 1 JAN 0555 | 72 | 0.03 | 0.01 | 0.01 | 333. | * | 1 JAN 2055 | 252 | 0.02 | 0.00 | 0.02 | 10863. |
| 1 JAN 0600 | 73 | 0.03 | 0.01 | 0.01 | 359. | * | 1 JAN 2100 | 253 | 0.02 | 0.00 | 0.02 | 10652. |
| 1 JAN 0605 | 74 | 0.03 | 0.01 | 0.01 | 386. | * | 1 JAN 2105 | 254 | 0.02 | 0.00 | 0.02 | 10450. |
| 1 JAN 0610 | 75 | 0.03 | 0.01 | 0.02 | 415. | * | 1 JAN 2110 | 255 | 0.02 | 0.00 | 0.02 | 10255. |
| 1 JAN 0615 | 76 | 0.03 | 0.01 | 0.02 | 444. | * | 1 JAN 2115 | 256 | 0.02 | 0.00 | 0.02 | 10063. |
| 1 JAN 0620 | 77 | 0.03 | 0.01 | 0.02 | 475. | * | 1 JAN 2120 | 257 | 0.02 | 0.00 | 0.02 | 9874. |
| 1 JAN 0625 | 78 | 0.03 | 0.01 | 0.02 | 507. | * | 1 JAN 2125 | 258 | 0.02 | 0.00 | 0.02 | 9687. |
| 1 JAN 0630 | 79 | 0.03 | 0.01 | 0.02 | 540. | * | 1 JAN 2130 | 259 | 0.02 | 0.00 | 0.02 | 9503. |
| 1 JAN 0635 | 80 | 0.03 | 0.01 | 0.02 | 575. | * | 1 JAN 2135 | 260 | 0.02 | 0.00 | 0.02 | 9324. |
| 1 JAN 0640 | 81 | 0.03 | 0.01 | 0.02 | 610. | * | 1 JAN 2140 | 261 | 0.02 | 0.00 | 0.02 | 9151. |
| 1 JAN 0645 | 82 | 0.03 | 0.01 | 0.02 | 646. | * | 1 JAN 2145 | 262 | 0.02 | 0.00 | 0.02 | 8986. |
| 1 JAN 0650 | 83 | 0.03 | 0.01 | 0.02 | 684. | * | 1 JAN 2150 | 263 | 0.02 | 0.00 | 0.02 | 8827. |
| 1 JAN 0655 | 84 | 0.03 | 0.01 | 0.02 | 723. | * | 1 JAN 2155 | 264 | 0.02 | 0.00 | 0.02 | 8671. |
| 1 JAN 0700 | 85 | 0.03 | 0.01 | 0.02 | 763. | * | 1 JAN 2200 | 265 | 0.02 | 0.00 | 0.02 | 8518. |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 JAN 0705 | 86 | 0.03 | 0.01 | 0.02 | 804. | * | 1 JAN 2205 | 266 | 0.02 | 0.00 | 0.02 | 8367. |
| 1 JAN 0710 | 87 | 0.03 | 0.01 | 0.02 | 845. | * | 1 JAN 2210 | 267 | 0.02 | 0.00 | 0.02 | 8219. |
| 1 JAN 0715 | 88 | 0.03 | 0.01 | 0.02 | 888. | * | 1 JAN 2215 | 268 | 0.02 | 0.00 | 0.02 | 8074. |
| 1 JAN 0720 | 89 | 0.03 | 0.01 | 0.02 | 932. | * | 1 JAN 2220 | 269 | 0.02 | 0.00 | 0.02 | 7934. |
| 1 JAN 0725 | 90 | 0.03 | 0.01 | 0.02 | 978. | * | 1 JAN 2225 | 270 | 0.02 | 0.00 | 0.02 | 7801. |
| 1 JAN 0730 | 91 | 0.03 | 0.01 | 0.02 | 1024. | * | 1 JAN 2230 | 271 | 0.02 | 0.00 | 0.02 | 7674. |
| 1 JAN 0735 | 92 | 0.03 | 0.01 | 0.02 | 1071. | * | 1 JAN 2235 | 272 | 0.02 | 0.00 | 0.02 | 7551. |
| 1 JAN 0740 | 93 | 0.03 | 0.01 | 0.02 | 1119. | * | 1 JAN 2240 | 273 | 0.02 | 0.00 | 0.02 | 7431. |
| 1 JAN 0745 | 94 | 0.03 | 0.01 | 0.02 | 1167. | * | 1 JAN 2245 | 274 | 0.02 | 0.00 | 0.02 | 7313. |
| 1 JAN 0750 | 95 | 0.03 | 0.01 | 0.02 | 1217. | * | 1 JAN 2250 | 275 | 0.02 | 0.00 | 0.02 | 7197. |
| 1 JAN 0755 | 96 | 0.04 | 0.01 | 0.02 | 1268. | * | 1 JAN 2255 | 276 | 0.02 | 0.00 | 0.02 | 7083. |
| 1 JAN 0800 | 97 | 0.04 | 0.01 | 0.02 | 1319. | * | 1 JAN 2300 | 277 | 0.02 | 0.00 | 0.02 | 6973. |
| 1 JAN 0805 | 98 | 0.04 | 0.01 | 0.03 | 1371. | * | 1 JAN 2305 | 278 | 0.02 | 0.00 | 0.02 | 6866. |
| 1 JAN 0810 | 99 | 0.04 | 0.01 | 0.03 | 1424. | * | 1 JAN 2310 | 279 | 0.02 | 0.00 | 0.02 | 6764. |
| 1 JAN 0815 | 100 | 0.04 | 0.01 | 0.03 | 1478. | * | 1 JAN 2315 | 280 | 0.02 | 0.00 | 0.02 | 6666. |
| 1 JAN 0820 | 101 | 0.04 | 0.01 | 0.03 | 1533. | * | 1 JAN 2320 | 281 | 0.02 | 0.00 | 0.02 | 6570. |
| 1 JAN 0825 | 102 | 0.04 | 0.01 | 0.03 | 1588. | * | 1 JAN 2325 | 282 | 0.02 | 0.00 | 0.02 | 6476. |
| 1 JAN 0830 | 103 | 0.04 | 0.01 | 0.03 | 1645. | * | 1 JAN 2330 | 283 | 0.02 | 0.00 | 0.02 | 6384. |
| 1 JAN 0835 | 104 | 0.04 | 0.01 | 0.03 | 1702. | * | 1 JAN 2335 | 284 | 0.02 | 0.00 | 0.02 | 6294. |
| 1 JAN 0840 | 105 | 0.05 | 0.01 | 0.03 | 1760. | * | 1 JAN 2340 | 285 | 0.02 | 0.00 | 0.02 | 6206. |
| 1 JAN 0845 | 106 | 0.05 | 0.01 | 0.03 | 1819. | * | 1 JAN 2345 | 286 | 0.02 | 0.00 | 0.02 | 6121. |
| 1 JAN 0850 | 107 | 0.05 | 0.01 | 0.04 | 1879. | * | 1 JAN 2350 | 287 | 0.02 | 0.00 | 0.02 | 6039. |
| 1 JAN 0855 | 108 | 0.05 | 0.01 | 0.04 | 1940. | * | 1 JAN 2355 | 288 | 0.02 | 0.00 | 0.02 | 5961. |
| 1 JAN 0900 | 109 | 0.05 | 0.01 | 0.04 | 2002. | * | 2 JAN 0000 | 289 | 0.02 | 0.00 | 0.02 | 5885. |
| 1 JAN 0905 | 110 | 0.05 | 0.01 | 0.04 | 2065. | * | 2 JAN 0005 | 290 | 0.00 | 0.00 | 0.00 | 5811. |
| 1 JAN 0910 | 111 | 0.05 | 0.01 | 0.04 | 2129. | * | 2 JAN 0010 | 291 | 0.00 | 0.00 | 0.00 | 5737. |
| 1 JAN 0915 | 112 | 0.05 | 0.01 | 0.04 | 2195. | * | 2 JAN 0015 | 292 | 0.00 | 0.00 | 0.00 | 5664. |
| 1 JAN 0920 | 113 | 0.05 | 0.01 | 0.04 | 2261. | * | 2 JAN 0020 | 293 | 0.00 | 0.00 | 0.00 | 5593. |
| 1 JAN 0925 | 114 | 0.05 | 0.01 | 0.04 | 2329. | * | 2 JAN 0025 | 294 | 0.00 | 0.00 | 0.00 | 5523. |
| 1 JAN 0930 | 115 | 0.05 | 0.01 | 0.04 | 2398. | * | 2 JAN 0030 | 295 | 0.00 | 0.00 | 0.00 | 5454. |
| 1 JAN 0935 | 116 | 0.05 | 0.01 | 0.04 | 2468. | * | 2 JAN 0035 | 296 | 0.00 | 0.00 | 0.00 | 5387. |
| 1 JAN 0940 | 117 | 0.06 | 0.01 | 0.04 | 2540. | * | 2 JAN 0040 | 297 | 0.00 | 0.00 | 0.00 | 5321. |
| 1 JAN 0945 | 118 | 0.06 | 0.01 | 0.04 | 2614. | * | 2 JAN 0045 | 298 | 0.00 | 0.00 | 0.00 | 5255. |
| 1 JAN 0950 | 119 | 0.06 | 0.01 | 0.05 | 2688. | * | 2 JAN 0050 | 299 | 0.00 | 0.00 | 0.00 | 5190. |
| 1 JAN 0955 | 120 | 0.06 | 0.01 | 0.05 | 2765. | * | 2 JAN 0055 | 300 | 0.00 | 0.00 | 0.00 | 5124. |
| 1 JAN 1000 | 121 | 0.06 | 0.01 | 0.05 | 2843. | * | 2 JAN 0100 | 301 | 0.00 | 0.00 | 0.00 | 5058. |
| 1 JAN 1005 | 122 | 0.07 | 0.01 | 0.05 | 2924. | * | 2 JAN 0105 | 302 | 0.00 | 0.00 | 0.00 | 4992. |
| 1 JAN 1010 | 123 | 0.07 | 0.01 | 0.06 | 3006. | * | 2 JAN 0110 | 303 | 0.00 | 0.00 | 0.00 | 4926. |
| 1 JAN 1015 | 124 | 0.07 | 0.01 | 0.06 | 3091. | * | 2 JAN 0115 | 304 | 0.00 | 0.00 | 0.00 | 4862. |
| 1 JAN 1020 | 125 | 0.08 | 0.01 | 0.06 | 3178. | * | 2 JAN 0120 | 305 | 0.00 | 0.00 | 0.00 | 4797. |
| 1 JAN 1025 | 126 | 0.08 | 0.01 | 0.06 | 3268. | * | 2 JAN 0125 | 306 | 0.00 | 0.00 | 0.00 | 4732. |
| 1 JAN 1030 | 127 | 0.08 | 0.01 | 0.07 | 3361. | * | 2 JAN 0130 | 307 | 0.00 | 0.00 | 0.00 | 4666. |
| 1 JAN 1035 | 128 | 0.09 | 0.02 | 0.07 | 3456. | * | 2 JAN 0135 | 308 | 0.00 | 0.00 | 0.00 | 4599. |
| 1 JAN 1040 | 129 | 0.09 | 0.02 | 0.08 | 3555. | * | 2 JAN 0140 | 309 | 0.00 | 0.00 | 0.00 | 4530. |
| 1 JAN 1045 | 130 | 0.10 | 0.02 | 0.08 | 3657. | * | 2 JAN 0145 | 310 | 0.00 | 0.00 | 0.00 | 4460. |
| 1 JAN 1050 | 131 | 0.10 | 0.02 | 0.09 | 3762. | * | 2 JAN 0150 | 311 | 0.00 | 0.00 | 0.00 | 4389. |
| 1 JAN 1055 | 132 | 0.11 | 0.02 | 0.09 | 3871. | * | 2 JAN 0155 | 312 | 0.00 | 0.00 | 0.00 | 4317. |
| 1 JAN 1100 | 133 | 0.11 | 0.02 | 0.10 | 3985. | * | 2 JAN 0200 | 313 | 0.00 | 0.00 | 0.00 | 4244. |
| 1 JAN 1105 | 134 | 0.13 | 0.02 | 0.11 | 4103. | * | 2 JAN 0205 | 314 | 0.00 | 0.00 | 0.00 | 4169. |
| 1 JAN 1110 | 135 | 0.14 | 0.02 | 0.12 | 4226. | * | 2 JAN 0210 | 315 | 0.00 | 0.00 | 0.00 | 4093. |
| 1 JAN 1115 | 136 | 0.15 | 0.02 | 0.13 | 4355. | * | 2 JAN 0215 | 316 | 0.00 | 0.00 | 0.00 | 4016. |
| 1 JAN 1120 | 137 | 0.16 | 0.02 | 0.14 | 4490. | * | 2 JAN 0220 | 317 | 0.00 | 0.00 | 0.00 | 3936. |
| 1 JAN 1125 | 138 | 0.18 | 0.02 | 0.15 | 4631. | * | 2 JAN 0225 | 318 | 0.00 | 0.00 | 0.00 | 3856. |
| 1 JAN 1130 | 139 | 0.19 | 0.02 | 0.17 | 4780. | * | 2 JAN 0230 | 319 | 0.00 | 0.00 | 0.00 | 3773. |
| 1 JAN 1135 | 140 | 0.39 | 0.04 | 0.35 | 4942. | * | 2 JAN 0235 | 320 | 0.00 | 0.00 | 0.00 | 3690. |
| 1 JAN 1140 | 141 | 0.70 | 0.06 | 0.63 | 5124. | * | 2 JAN 0240 | 321 | 0.00 | 0.00 | 0.00 | 3606. |
| 1 JAN 1145 | 142 | 1.06 | 0.08 | 0.98 | 5336. | * | 2 JAN 0245 | 322 | 0.00 | 0.00 | 0.00 | 3521. |
| 1 JAN 1150 | 143 | 1.64 | 0.09 | 1.54 | 5593. | * | 2 JAN 0250 | 323 | 0.00 | 0.00 | 0.00 | 3434. |
| 1 JAN 1155 | 144 | 2.09 | 0.09 | 2.01 | 5911. | * | 2 JAN 0255 | 324 | 0.00 | 0.00 | 0.00 | 3348. |
| 1 JAN 1200 | 145 | 1.55 | 0.05 | 1.50 | 6286. | * | 2 JAN 0300 | 325 | 0.00 | 0.00 | 0.00 | 3261. |
| 1 JAN 1205 | 146 | 0.31 | 0.01 | 0.30 | 6701. | * | 2 JAN 0305 | 326 | 0.00 | 0.00 | 0.00 | 3174. |
| 1 JAN 1210 | 147 | 0.28 | 0.01 | 0.27 | 7172. | * | 2 JAN 0310 | 327 | 0.00 | 0.00 | 0.00 | 3087. |
| 1 JAN 1215 | 148 | 0.25 | 0.01 | 0.24 | 7717. | * | 2 JAN 0315 | 328 | 0.00 | 0.00 | 0.00 | 3000. |
| 1 JAN 1220 | 149 | 0.22 | 0.01 | 0.21 | 8329. | * | 2 JAN 0320 | 329 | 0.00 | 0.00 | 0.00 | 2913. |
| 1 JAN 1225 | 150 | 0.19 | 0.00 | 0.19 | 8979. | * | 2 JAN 0325 | 330 | 0.00 | 0.00 | 0.00 | 2827. |
| 1 JAN 1230 | 151 | 0.16 | 0.00 | 0.16 | 9664. | * | 2 JAN 0330 | 331 | 0.00 | 0.00 | 0.00 | 2741. |
| 1 JAN 1235 | 152 | 0.14 | 0.00 | 0.13 | 10394. | * | 2 JAN 0335 | 332 | 0.00 | 0.00 | 0.00 | 2656. |
| 1 JAN 1240 | 153 | 0.13 | 0.00 | 0.13 | 11171. | * | 2 JAN 0340 | 333 | 0.00 | 0.00 | 0.00 | 2572. |
| 1 JAN 1245 | 154 | 0.12 | 0.00 | 0.12 | 11987. | * | 2 JAN 0345 | 334 | 0.00 | 0.00 | 0.00 | 2489. |
| 1 JAN 1250 | 155 | 0.12 | 0.00 | 0.11 | 12843. | * | 2 JAN 0350 | 335 | 0.00 | 0.00 | 0.00 | 2406. |
| 1 JAN 1255 | 156 | 0.11 | 0.00 | 0.11 | 13750. | * | 2 JAN 0355 | 336 | 0.00 | 0.00 | 0.00 | 2325. |
| 1 JAN 1300 | 157 | 0.10 | 0.00 | 0.10 | 14719. | * | 2 JAN 0400 | 337 | 0.00 | 0.00 | 0.00 | 2245. |
| 1 JAN 1305 | 158 | 0.10 | 0.00 | 0.10 | 15739. | * | 2 JAN 0405 | 338 | 0.00 | 0.00 | 0.00 | 2166. |
| 1 JAN 1310 | 159 | 0.09 | 0.00 | 0.09 | 16801. | * | 2 JAN 0410 | 339 | 0.00 | 0.00 | 0.00 | 2089. |