From: Ray, Phillip M [pmray@tva.gov]
Sent: Monday, April 28, 2008 2:02 PM
To: Joseph Sebrosky
Subject: FW: HEC-2 Data Files for Guntersville, Nickajack and Chickamauga Reservoirs
Attachments: GUNT.DAT; NICK.DAT; CHICKRES.DAT

Joe,

I will not be here this afternoon. I have to leave the office. We will not be able to have the call at 3:00 PM. Please check with Chris and determine if these are the files he wanted. We can reschedule the call later if these are not the correct files.

Thanks,

Phil

From: Lowe, Gregory W
Sent: Monday, April 28, 2008 1:36 PM
To: Ray, Phillip M
Cc: Maddux, Perry D
Subject: HEC-2 Data Files for Guntersville, Nickajack and Chickamauga Reservoirs

Phil,

Please find below the HEC2 files available you requested for Guntersville, Nickajack and Chickamauga. These are the best available at this time and are the basis for published FEMA studies along the reservoir system. **They will be subject to change to reflect any reservoir siltation and will most likely be recalibrated to more recent floods such as the 2003 event.**

If you have additional questions give me a call.

Thanks Greg

From: Milstead, Roger A
Sent: Monday, April 28, 2008 1:18 PM
To: Lowe, Gregory W
Subject: HEC-2 Data Files

Greg, attached are the HEC-2 data files for Guntersville, Nickajack and Chickamauga Reservoirs.

<<GUNT.DAT>> <<NICK.DAT>> <<CHICKRES.DAT>>

Hearing Identifier: Bellefonte_COL_Public_EX
Email Number: 842

Mail Envelope Properties (28921B76CDD05940A918AEEC9EBCA7C0078D7FC1)

Subject: FW: HEC-2 Data Files for Guntersville, Nickajack and Chickamauga Reservoirs
Sent Date: 4/28/2008 2:01:48 PM
Received Date: 4/28/2008 2:01:50 PM
From: Ray, Phillip M

Created By: pmray@tva.gov

Recipients:
"Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>
Tracking Status: None

Post Office: TVACOCXVS1.main.tva.gov

Files	**Size**	**Date & Time**
MESSAGE	1333	4/28/2008 2:01:50 PM
GUNT.DAT	28776	
NICK.DAT	18271	
CHICKRES.DAT	14506	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

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T1      GUNTERSVILLE RESERVOIR             2/5/91   CDS,CDS             00001000
T2      2 YEAR FLOOD                       DS=GUNTER73                  00002000
T3      TENNESSEE RIVER                 DSN=GUNTER73 CDS,CDS            00003000
J1            2                                                   595.4
J2     1             -1
QT     6  216000  261000  288000  306000  355000  315000
NC 0.100   0.100   0.024     0.1     0.3
X1 349.0      23     280    4050       0       0       0
GR 680.0    80.0   570.0   280.0   570.0   560.0   580.0  1990.0   579.0  2190.0
GR 543.5  2300.0   541.0  2380.0   541.3  2570.0   540.7  2650.0   536.0  2725.0
GR 534.5  2800.0   535.5  2980.0   535.0  3075.0   536.0  3160.0   544.5  3500.0
GR 575.4  3550.0   578.0  3720.0   586.0  3840.0   586.0  4010.0   593.0  4050.0
GR 600.0  4090.0   620.0  4290.0   680.0  4530.0     0.0     0.0     0.0     0.0
NC 0.150   0.100   0.021
QT     6  215606  260606  287176  304853  354573
X1 351.1      34     560    3680   11088   11088   11088
GR 660.0   100.0   640.0   200.0   614.0   300.0   609.0   330.0   604.0   450.0
GR 599.0   540.0   594.0   560.0   589.0   600.0   584.0   670.0   579.0  1310.0
GR 574.0  1600.0   568.8  2050.0   568.8  2350.0   574.1  2460.0   574.1  2630.0
GR 554.0  2690.0   549.5  2710.0   534.0  2730.0   526.6  2875.0   524.5  2950.0
GR 523.5  3030.0   519.0  3110.0   518.5  3200.0   519.5  3280.0   531.0  3350.0
GR 531.4  3400.0   539.0  3430.0   544.0  3460.0   549.0  3470.0   559.0  3500.0
GR 569.0  3550.0   600.0  3680.0   620.0  3700.0   660.0  3702.0     0.0     0.0
NC 0.110   0.150   0.018
QT     6  215210  260210  286348  303701  354144
X1353.21      27     600    4550   11140   11140   11140
GR 660.0   100.0   592.0   600.0   579.0   690.0   579.0  2400.0   554.0  2460.0
GR 544.5  2480.0   543.5  2500.0   534.5  2540.0   531.0  2700.0   532.0  2770.0
GR 535.0  2880.0   535.0  2970.0   536.0  3040.0   536.0  3125.0   537.0  3200.0
GR 539.4  3260.0   541.5  3450.0   543.5  3525.0   569.0  3580.0   574.0  3620.0
GR 574.0  3670.0   569.0  3770.0   574.0  4100.0   584.0  4460.0   589.0  4500.0
GR 594.0  4550.0   660.0  4551.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.100   0.065   0.018
QT     6  214816  259816  285523  302554  353717
X1355.31      36     200    6700   11088   11088   11088
GR 660.0   100.0   600.0   200.0   573.3   340.0   568.0   900.0   568.0   950.0
GR 569.2  1000.0   574.2  1790.0   574.0  2040.0   544.5  2160.0   539.2  2200.0
GR 541.5  2300.0   540.5  2370.0   544.0  3130.0   544.5  3180.0   574.0  3300.0
GR 574.0  3830.0   569.0  4470.0   569.0  5530.0   574.0  5900.0   579.0  6060.0
GR 584.0  6120.0   595.0  6170.0   640.0  6620.0   642.0  6700.0   640.0  7290.0
GR 620.0  8050.0   600.0  8230.0   595.0  8250.0   580.5  8280.0   578.0  8450.0
GR 580.0  8660.0   594.5  8700.0   600.0  8750.0   620.0  8820.0   640.0  8980.0
GR 660.0  9170.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NH     5   0.026    3930   0.026    5870   0.060    7190   0.026    8400   0.070
NH 11601
QT     6  214421  259421  284669  301407  353291
X1357.41      36    3930    5870   11088   11088   11088
GR 660.0    50.0   576.0   250.0   574.0  1500.0   571.2  1870.0   574.2  2320.0
GR 574.2  3930.0   546.5  4160.0   542.5  4220.0   536.5  4500.0   537.0  4690.0
GR 538.5  4760.0   537.5  4870.0   538.5  4950.0   541.0  5030.0   546.5  5070.0
GR 579.0  5140.0   579.0  5310.0   574.2  5330.0   574.2  5580.0   579.0  5720.0
GR 589.0  5790.0   594.2  5870.0   594.2  6110.0   589.2  6230.0   589.2  6470.0
GR 594.2  6550.0   599.2  6780.0   599.2  6990.0   594.0  7190.0   576.0  7290.0
GR 576.0  8300.0   600.0  8400.0   604.0 10850.0   610.0 11300.0   620.0 11600.0
GR 660.0 11601.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.120   0.100   0.024
QT     6  214027  259027  283875  300261  352864
X1359.51      54    1010    8520   11088   11088   11088
GR 660.0   100.0   620.0   700.0   600.0   800.0   595.2   900.0   594.0  1010.0
GR 586.0  1030.0   579.0  1070.0   574.0  1140.0   569.0  1160.0   564.0  1200.0
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GR 559.0  1201.0   552.0  1260.0   552.0  1330.0   554.0  1380.0   559.0  1400.0
GR 574.0  1410.0   580.0  1440.0   573.0  1630.0   573.0  2425.0   576.0  2600.0
GR 572.0  2800.0   574.0  2910.0   579.4  3030.0   577.2  3190.0   581.0  3530.0
GR 572.0  3640.0   578.2  4060.0   572.3  4225.0   555.0  4250.0   551.0  4300.0
GR 542.0  4310.0   549.0  4490.0   543.0  4600.0   543.3  4770.0   547.0  4940.0
GR 547.0  5225.0   555.0  5310.0   579.5  5350.0   572.0  5580.0   576.0  5750.0
GR 579.0  6300.0   584.0  6700.0   586.0  7050.0   578.0  7300.0   589.0  7600.0
GR 595.0  8100.0   600.0  8200.0   640.0  8380.0   660.0  8520.0   608.5  8850.0
GR 602.0  9870.0   602.0 11850.0   610.0 13125.0   660.0 13570.0     0.0     0.0
NC 0.130   0.150   0.029
QT     6  213631  258631  283047  299108  352435
X1361.62      30     420    5590   11140   11140   11140
GR 660.0    40.0   574.5   420.0   574.5  1270.0   579.0  2800.0   579.0  2950.0
GR 574.5  3100.0   574.5  3150.0   584.2  3340.0   584.2  3375.0   551.8  3490.0
GR 548.5  3550.0   545.0  4100.0   545.5  4320.0   548.8  4525.0   551.8  4560.0
GR 579.0  4650.0   579.0  5300.0   579.0  5440.0   584.0  5480.0   594.0  5590.0
GR 599.0  5690.0   600.0  5840.0   620.0  5975.0   639.5  6460.0   660.0  6610.0
GR 608.0  6950.0   602.0  7950.0   602.0  9950.0   610.0 11250.0   660.0 11700.0
NC 0.120   0.090   0.025
QT     6  213237  258237  282222  297962  352008
X1363.72      37    1000    6650   11088   11088   11088
GR 660.0    50.0   640.0   150.0   620.0   350.0   600.0   700.0   600.0  1000.0
GR 590.0  1260.0   579.0  1360.0   576.0  1930.0   584.0  2060.0   584.0  2270.0
GR 582.0  2340.0   551.5  2475.0   552.0  2770.0   547.0  3000.0   549.7  3130.0
GR 550.0  3190.0   552.0  3370.0   554.0  3470.0   574.0  3530.0   583.0  3550.0
GR 586.0  4110.0   576.0  4175.0   556.0  4250.0   555.5  4350.0   559.0  4470.0
GR 577.0  4500.0   580.0  4700.0   579.0  5550.0   569.0  5625.0   564.1  5770.0
GR 564.1  5810.0   569.5  6000.0   573.0  6350.0   576.0  6650.0   620.0  6850.0
GR 640.0  9500.0   660.0  9501.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.100   0.090   0.025
QT     6  212843  257843  281398  296815  351581
X1365.82      33    1150    9200   11088   11088   11088
GR 660.0   100.0   640.0   250.0   620.0   350.0   600.0   650.0   600.0  1150.0
GR 586.0  2200.0   574.6  4150.0   579.3  4250.0   579.3  4600.0   574.0  4620.0
GR 555.5  4700.0   551.9  4890.0   550.5  5200.0   553.5  5470.0   554.0  5580.0
GR 553.2  5850.0   554.0  5950.0   555.5  5980.0   579.5  6070.0   579.5  7200.0
GR 584.5  7260.0   589.4  7450.0   589.4  7500.0   584.5  7600.0   579.4  7650.0
GR 579.4  8125.0   584.4  8600.0   589.4  8680.0   594.4  9160.0   596.0  9200.0
GR 599.0  9280.0   600.0  9450.0   660.0  9850.0     0.0     0.0     0.0     0.0
NC 0.100   0.100   0.020
QT     6  212448  257448  280574  295668  351154
X1367.92      38    2300    9400   11088   11088   11088
GR 660.0    50.0   640.0   300.0   620.0   800.0   610.0  1300.0   600.0  2300.0
GR 595.0  2400.0   590.0  2800.0   584.4  5220.0   579.4  5510.0   584.4  5890.0
GR 584.4  5940.0   589.4  6000.0   584.4  6100.0   556.4  6230.0   553.0  6330.0
GR 551.7  6390.0   554.4  6500.0   556.4  6590.0   584.4  6660.0   584.4  7070.0
GR 579.4  7190.0   579.4  7330.0   584.4  7600.0   584.4  7650.0   556.4  7720.0
GR 554.0  7775.0   554.4  7950.0   555.5  8025.0   552.5  8300.0   556.4  8530.0
GR 584.4  8670.0   584.4  9140.0   589.0  9280.0   600.0  9400.0   600.0 10070.0
GR 620.0 10150.0   640.0 10250.0   660.0 10450.0     0.0     0.0     0.0     0.0
NC 0.070   0.080   0.016
QT     6  212052  257052  279746  294516  350726
X1370.03      36    1125    7270   11140   11140   11140
GR 660.0   100.0   640.0   300.0   620.0   700.0   600.0  1000.0   595.0  1125.0
GR 583.0  1320.0   580.0  1800.0   574.6  2820.0   579.0  3320.0   584.4  3520.0
GR 584.4  3570.0   557.5  3650.0   553.8  3830.0   555.2  3925.0   555.5  4000.0
GR 557.2  4050.0   584.5  4140.0   584.5  4475.0   579.0  4860.0   579.0  5250.0
GR 584.5  5675.0   584.5  5850.0   557.5  5910.0   552.4  6160.0   549.3  6210.0
GR 547.3  6325.0   550.3  6380.0   549.5  6520.0   556.5  6640.0   560.0  6680.0
GR 579.0  6730.0   579.0  7190.0   584.3  7200.0   599.2  7270.0   604.2  7330.0
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GR 660.0  7450.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.100   0.120   0.020
QT     6  211658  256658  278922  293369  350299
X1372.13      28     700    9201   11088   11088   11088
GR 660.0    50.0   640.0   200.0   620.0   550.0   600.0   700.0   584.3   820.0
GR 580.0  2200.0   579.5  4400.0   584.5  4860.0   584.5  4960.0   559.5  5050.0
GR 556.5  5330.0   556.2  5525.0   557.0  5780.0   557.2  6320.0   559.5  6350.0
GR 584.5  6440.0   584.5  7520.0   579.5  7840.0   579.5  8310.0   584.5  8340.0
GR 589.5  8470.0   594.0  9200.0   660.0  9201.0   640.0  9400.0   620.0 10250.0
GR 620.0 10750.0   640.0 11450.0   660.0 11700.0     0.0     0.0     0.0     0.0
NC 0.090   0.120   0.022
QT     6  211264  256264  278097  292223  349872
X1374.23      37    4300   10700   11088   11088   11088
GR 660.0   100.0   620.0  1100.0   600.0  1200.0   598.0  1390.0   600.0  1550.0
GR 620.0  2650.0   640.0  2900.0   660.0  3200.0   640.0  3400.0   600.0  4300.0
GR 584.5  4700.0   584.5  5200.0   579.3  6330.0   584.5  7820.0   589.5  8140.0
GR 584.5  8360.0   559.5  8500.0   557.0  8720.0   555.5  8790.0   558.5  8930.0
GR 558.5  9060.0   559.2  9200.0   558.2  9360.0   556.1  9430.0   557.2  9550.0
GR 556.8  9820.0   561.0  9910.0   584.0  9960.0   579.3 10250.0   584.5 10620.0
GR 589.0 10650.0   594.5 10700.0   594.5 10760.0   604.5 10800.0   620.0 10860.0
GR 640.0 10950.0   660.0 10980.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.070   0.070   0.018
QT     6  210868  255868  277269  291070  349443
X1376.34      38    4490   10550   11140   11140   11140
GR 660.0    50.0   620.0  1040.0   600.0  1150.0   598.0  1350.0   600.0  1520.0
GR 620.0  2600.0   660.0  3150.0   640.0  3900.0   619.5  4140.0   589.5  4490.0
GR 579.5  4750.0   579.5  4910.0   584.5  4980.0   584.5  5270.0   564.5  5350.0
GR 559.5  5480.0   561.5  6050.0   559.5  6250.0   559.5  6400.0   559.0  6500.0
GR 559.8  6660.0   559.0  6775.0   564.8  6825.0   584.5  6890.0   584.5  7680.0
GR 579.5  7700.0   579.5  7790.0   584.5  8100.0   584.5  8300.0   579.5  8400.0
GR 579.5  8600.0   584.5  9080.0   588.0 10100.0   595.0 10550.0   600.0 10700.0
GR 620.0 10900.0   640.0 11100.0   660.0 11450.0     0.0     0.0     0.0     0.0
NC 0.060   0.100   0.015
QT     6  210474  255474  276445  289924  349016
X1378.44      22    2300    7250   11088   11088   11088
GR 660.0   100.0   600.0  1600.0   591.0  2300.0   589.2  5400.0   584.5  5580.0
GR 564.0  5700.0   561.0  5800.0   559.0  5990.0   552.5  6650.0   558.0  6800.0
GR 564.0  6920.0   589.2  7020.0   592.0  7150.0   660.0  7250.0   640.0  8550.0
GR 620.0  9250.0   610.0  9800.0   602.0 10250.0   602.0 11350.0   620.0 11950.0
GR 640.0 12400.0   660.0 12600.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.070   0.100   0.012
QT     6  210080  255080  275621  288777  348589
X1380.54      28     250    4090   11088   11088   11088
GR 660.0    50.0   581.5   250.0   577.0   500.0   584.5  1380.0   589.5  1690.0
GR 591.0  2010.0   589.0  2150.0   586.0  2200.0   563.5  2250.0   561.5  2300.0
GR 561.0  2910.0   560.8  3220.0   562.8  3650.0   566.0  3670.0   589.2  3740.0
GR 589.2  3850.0   583.2  4000.0   595.0  4070.0   604.0  4090.0   620.0  4200.0
GR 660.0  4400.0   640.0  5700.0   618.0  6500.0   602.0  7300.0   602.0  8400.0
GR 620.0  9000.0   640.0  9450.0   660.0  9650.0     0.0     0.0     0.0     0.0
NC 0.070   0.145   0.012
QT     6  209685  254685  274797  287630  348163
X1382.64      37     750    5950   11088   11088   11088
GR 660.0    50.0   640.0   200.0   620.0   450.0   600.0   600.0   594.8   750.0
GR 588.0   975.0   584.5  2010.0   584.5  2350.0   589.2  2600.0   589.2  2900.0
GR 567.0  3000.0   563.5  3020.0   562.0  3325.0   562.7  3700.0   562.2  3910.0
GR 565.0  4400.0   567.0  4420.0   589.5  4490.0   589.5  4625.0   584.5  4775.0
GR 584.5  5450.0   589.0  5925.0   596.0  5950.0   660.0  6200.0   640.0  7300.0
GR 640.0  8800.0   630.0  9400.0   619.5  9560.0   619.5 10660.0   606.0 10790.0
GR 606.0 10960.0   620.0 11100.0   640.0 12650.0   618.0 13100.0   618.0 13730.0
GR 640.0 14200.0   660.0 14201.0     0.0     0.0     0.0     0.0     0.0     0.0
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NC 0.070   0.150   0.013
QT     6  209291  254291  273972  286483  347736
X1384.74      37     650    5200   11088   11088   11088
GR 680.0    80.0   640.0   260.0   620.0   400.0   600.0   500.0   595.0   650.0
GR 590.0   800.0   584.5   860.0   584.5  1400.0   589.5  1870.0   593.0  2450.0
GR 589.5  2510.0   564.5  2600.0   565.0  3090.0   565.5  3300.0   565.0  3580.0
GR 566.0  3750.0   566.5  3990.0   568.0  4000.0   574.5  4020.0   594.0  4160.0
GR 589.5  4300.0   584.5  4800.0   588.1  4990.0   680.0  5200.0   640.0  6300.0
GR 640.0  7800.0   630.0  8400.0   619.5  8570.0   619.5  9660.0   606.0  9780.0
GR 606.0  9950.0   620.0 10100.0   640.0 11650.0   618.0 12100.0   618.0 12730.0
GR 640.0 13200.0   680.0 13201.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.075   0.150   0.019               .8
QT     6  208895  253895  273144  285331  347307
X1386.85      41     530    4730   11140   11140   11140
GR 660.0    50.0   640.0   150.0   619.0   360.0   599.5   470.0   594.5   530.0
GR 589.5   830.0   589.5  1075.0   594.5  1240.0   594.5  1430.0   569.5  1540.0
GR 568.0  1570.0   567.2  1760.0   567.8  1810.0   565.0  1960.0   565.0  2070.0
GR 563.0  2150.0   564.5  2290.0   567.3  2780.0   569.5  2810.0   579.5  2870.0
GR 589.5  2910.0   589.5  3650.0   584.5  4125.0   584.5  4460.0   589.5  4690.0
GR 594.5  4730.0   604.5  4790.0   660.0  4950.0   640.0  6050.0   640.0  7550.0
GR 630.0  8150.0   619.5  8320.0   619.5  9410.0   606.0  9530.0   606.0  9710.0
GR 620.0  9850.0   640.0 11400.0   618.0 11850.0   618.0 12480.0   640.0 12950.0
GR 660.0 12951.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.080   0.100   0.035               .8
QT     6  208501  253501  272320  284184  346880
X1388.95      40     750    4600   11088   11088   11088
GR 660.0    80.0   640.0   190.0   620.0   400.0   600.0   650.0   595.0   750.0
GR 589.5   800.0   595.3  1420.0   588.0  1730.0   602.0  1950.0   599.5  1980.0
GR 560.0  2060.0   554.8  2100.0   557.5  2250.0   557.0  2800.0   558.5  3200.0
GR 558.0  3290.0   556.0  3490.0   560.0  3540.0   594.5  3610.0   597.0  3700.0
GR 589.0  4030.0   584.5  4260.0   584.5  4470.0   594.5  4600.0   599.0  4710.0
GR 604.5  4770.0   660.0  5200.0   640.0  6300.0   640.0  7800.0   630.0  8400.0
GR 619.5  8560.0   619.5  9660.0   606.0  9780.0   606.0  9960.0   620.0 10100.0
GR 640.0 11640.0   618.0 12100.0   618.0 12730.0   640.0 13200.0   660.0 13201.0
NC 0.070   0.120   0.024               .3
QT     6  208105  253105  271492  283032  346451
X1391.06      31    1490    3140   11140   11140   11140
GR 660.0    39.0   599.5    40.0   599.5  1490.0   589.5  1550.0   584.5  1560.0
GR 571.5  1630.0   569.8  1660.0   569.2  1930.0   569.2  2230.0   570.1  2270.0
GR 568.0  2500.0   566.5  2700.0   568.0  2960.0   571.5  3050.0   594.5  3140.0
GR 594.5  3250.0   610.0  3325.0   660.0  3500.0   640.0  4600.0   640.0  6100.0
GR 630.0  6700.0   619.5  6860.0   619.5  7960.0   606.0  8090.0   606.0  8250.0
GR 620.0  8400.0   640.0  9950.0   618.0 10400.0   618.0 11040.0   640.0 11500.0
GR 660.0 11501.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NH     5   0.055     350   0.012    1100   0.055    1900   0.012    3540   0.080
NH 11751
QT     6  207711  252711  270668  281885  346024
X1393.16      37     350    3540   11088   11088   11088
GR 660.0    90.0   628.0   210.0   594.5   220.0   594.5   350.0   572.5   410.0
GR 566.0   440.0   563.0   540.0   568.5   900.0   569.8   950.0   572.5   990.0
GR 600.0  1100.0   602.0  1140.0   593.0  1340.0   593.0  1350.0   602.0  1660.0
GR 594.5  1900.0   573.0  1970.0   565.0  2300.0   568.8  2590.0   572.8  2640.0
GR 594.3  2710.0   594.5  3540.0   619.2  3700.0   660.0  3750.0   640.0  4850.0
GR 640.0  6350.0   629.8  6950.0   619.5  7100.0   619.5  8210.0   606.0  8340.0
GR 606.0  8510.0   620.0  8650.0   640.0 10200.0   618.0 10650.0   618.0 11290.0
GR 640.0 11750.0   660.0 11751.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.100   0.100   0.029               .8
QT     6  207316  252316  269843  280739  345598
X1395.26      30     175    2660   11088   11088   11088
GR 660.0    50.0   619.0    80.0   590.0   175.0   572.0   230.0   567.5   300.0
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GR 567.0   350.0   561.0   500.0   557.0   700.0   557.2   980.0   560.2  1025.0
GR 563.0  1150.0   589.5  1250.0   594.2  1290.0   599.5  1310.0   599.5  1860.0
GR 594.2  1930.0   594.2  2460.0   599.2  2640.0   604.2  2660.0   640.0  3120.0
GR 660.0  3300.0   640.0  3700.0   619.0  3900.0   619.0  4400.0   615.2  4420.0
GR 614.8  4900.0   610.0  6300.0   610.0  6700.0   610.0  7790.0   660.0  7900.0
NC 0.100   0.120   0.015              .8
QT     6  206922  251922  269019  279592  345171
X1397.36      33     600    4020   11088   11088   11088
GR 660.0    10.0   640.0   200.0   620.0   350.0   600.0   600.0   589.0  1270.0
GR 594.3  1880.0   594.3  2210.0   599.2  2380.0   599.2  2720.0   579.0  2760.0
GR 573.3  2780.0   569.2  2830.0   567.5  3160.0   565.5  3270.0   564.8  3400.0
GR 565.5  3680.0   573.3  3920.0   594.0  4010.0   599.0  4020.0   599.0  4050.0
GR 619.0  4120.0   619.0  4150.0   640.0  4200.0   660.0  4300.0   640.0  4700.0
GR 619.0  4900.0   619.0  5400.0   615.0  5450.0   615.0  5900.0   612.0  6900.0
GR 610.0  7300.0   610.0  8800.0   660.0  8900.0     0.0     0.0     0.0     0.0
NH     5   0.100    2900   0.060    4400   0.033    5850   0.060    7975   0.100
NH  8850
QT     6  206526  251526  268191  278440  344742
X1399.47      31    4400    5850   11140   11140   11140
GR 680.0   100.0   660.0   500.0   640.0  1400.0   630.0  1550.0   630.0  2260.0
GR 660.0  2700.0   680.0  2900.0   620.0  2950.0   594.0  3025.0   594.0  3540.0
GR 599.0  4330.0   594.0  4400.0   575.0  4450.0   571.2  4550.0   569.2  4720.0
GR 569.2  4810.0   570.2  4870.0   570.5  5010.0   570.0  5100.0   567.0  5360.0
GR 565.0  5400.0   575.0  5670.0   599.0  5850.0   599.0  6450.0   594.0  6820.0
GR 594.0  7820.0   599.0  7975.0   600.0  8060.0   620.0  8320.0   657.5  8675.0
GR 680.0  8850.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.075   0.075   0.021              .3
QT     6  206132  251132  267367  277293  344315
X1401.57      30    2600    5000   11088   11088   11088
GR 680.0   100.0   620.0   250.0   600.0   700.0   599.5  1100.0   598.8  1750.0
GR 594.0  1780.0   594.0  2040.0   604.0  2530.0   604.0  2600.0   576.0  2675.0
GR 574.0  2700.0   573.2  2900.0   574.0  3170.0   573.2  3575.0   576.0  3600.0
GR 604.0  3700.0   604.0  4075.0   599.0  4275.0   576.0  4340.0   572.5  4410.0
GR 572.5  4600.0   573.5  4830.0   576.0  4920.0   604.0  5000.0   604.0  5190.0
GR 599.0  5425.0   599.0  6290.0   594.0  7025.0   595.5  8400.0   680.0  8401.0
NC 0.110   0.110   0.027              .3
QT     6  205738  250738  266542  276146  343888
X1403.67      41    5290    6650   11088   11088   11088
GR 680.0    50.0   660.0   400.0   640.0   900.0   620.0   950.0   610.0  1000.0
GR 600.0  2000.0   602.0  2300.0   604.0  3560.0   604.0  4140.0   598.8  4300.0
GR 598.8  4440.0   594.0  4540.0   594.0  4600.0   599.0  4660.0   604.0  4950.0
GR 604.0  5050.0   599.0  5070.0   599.0  5150.0   604.0  5250.0   604.0  5290.0
GR 577.0  5330.0   574.0  5400.0   572.8  5750.0   570.0  5810.0   567.3  6240.0
GR 567.5  6390.0   571.2  6520.0   599.0  6650.0   603.0  6760.0   599.0  6900.0
GR 599.0  7950.0   604.0  8460.0   609.0  8670.0   609.0  9125.0   614.0  9330.0
GR 618.0  9800.0   619.0  9900.0   624.0  9950.0   640.0 11100.0   660.0 11399.0
GR 680.0 11400.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.065   0.065   0.025
QT     6  205343  250343  265718  274999  343461
X1405.77      29    3550    4850   11088   11088   11088
GR 680.0   100.0   620.0   350.0   606.2   600.0   603.8   680.0   598.8  1380.0
GR 598.8  2320.0   603.5  2750.0   604.0  3550.0   578.0  3600.0   573.2  3610.0
GR 571.0  3870.0   567.0  4100.0   567.0  4350.0   569.0  4520.0   578.0  4670.0
GR 604.0  4760.0   609.0  4810.0   613.5  4850.0   614.0  5100.0   609.0  5250.0
GR 603.5  5350.0   603.9  5740.0   600.0  6150.0   610.0  6750.0   620.0  7000.0
GR 620.0  8160.0   640.0  8560.0   660.0  8760.0   680.0  8860.0     0.0     0.0
NC 0.085   0.100   0.019
QT     6  204551  249630  264853  273926  343033
X1407.88      25    3300    4860   11140   11140   11140
GR 680.0    50.0   640.0   440.0   636.5   610.0   608.8  1000.0   603.8  1450.0
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GR 603.5  1900.0   603.8  2825.0   610.0  3050.0   603.5  3300.0   578.8  3400.0
GR 573.5  3490.0   577.5  3550.0   574.0  3840.0   576.5  4160.0   576.7  4650.0
GR 579.0  4800.0   603.5  4860.0   603.5  4910.0   598.0  5350.0   599.0  5470.0
GR 603.5  5650.0   608.5  6150.0   628.5  6260.0   633.2  6290.0   680.0  6400.0
NC 0.070   0.060   0.023
QT     6  201183  246857  263747  273374  342606
X1409.98      19     550    2180   11088   11088   11088
GR 680.0    40.0   624.0   100.0   609.0   170.0   603.6   190.0   603.6   550.0
GR 580.7   620.0   569.3   710.0   580.0  1000.0   577.0  1500.0   575.8  1830.0
GR 576.7  2030.0   580.7  2130.0   604.0  2180.0   604.0  2700.0   608.7  2900.0
GR 608.7  3000.0   604.0  3100.0   624.0  3225.0   680.0  3460.0     0.0     0.0
NC 0.085   0.085   0.019              .8
QT     6  197815  244083  262642  272821  342179
X1412.08      15     300    1900   11088   11088   11088
GR 680.0    60.0   623.0   160.0   609.0   230.0   603.4   300.0   582.0   440.0
GR 577.5   600.0   577.0   830.0   580.8  1400.0   579.0  1700.0   582.0  1760.0
GR 603.5  1900.0   603.5  2480.0   608.6  3150.0   623.5  3350.0   680.0  3360.0
NC 0.050   0.110   0.020
QT     6  194431  241296  261532  272266  341750
X1414.19      32    1810    5330   11140   11140   11140
GR 680.0    50.0   613.5   280.0   609.0   320.0   603.0   450.0   603.3   600.0
GR 608.7   880.0   608.7  1220.0   604.0  1270.0   604.0  1540.0   608.7  1810.0
GR 584.0  1860.0   581.9  1960.0   580.7  2050.0   581.5  2100.0   580.0  2160.0
GR 582.0  2310.0   584.0  2350.0   609.0  2400.0   608.6  3130.0   603.5  3220.0
GR 604.0  3375.0   608.3  3870.0   608.3  3970.0   583.5  4020.0   579.0  4040.0
GR 581.8  4200.0   580.0  4480.0   582.0  4780.0   584.0  5270.0   609.0  5330.0
GR 618.6  5380.0   680.0  6150.0     0.0     0.0     0.0     0.0     0.0     0.0
NC 0.095   0.090   0.034
QT     6  191079  238536  260432  271716  341325
X1416.28      45    3080    5410   11035   11035   11035
GR 680.0   100.0   660.0   450.0   652.0   650.0   660.0   900.0   680.0  1150.0
GR 680.0  1250.0   660.0  1300.0   650.0  1550.0   660.0  1800.0   680.0  2010.0
GR 623.0  2050.0   608.5  2100.0   603.0  2200.0   603.0  2370.0   608.4  2810.0
GR 608.4  3080.0   585.5  3100.0   584.0  3140.0   585.5  3500.0   608.4  3575.0
GR 614.0  3650.0   608.4  4420.0   585.5  4490.0   583.0  4560.0   575.0  5040.0
GR 576.0  5275.0   578.8  5360.0   585.5  5400.0   608.4  5410.0   608.4  5670.0
GR 613.0  6160.0   620.0  6680.0   618.5  6820.0   608.4  7050.0   610.0  8050.0
GR 620.0  8150.0   660.0  8250.0   680.0  8420.0   660.0  8500.0   640.0  8600.0
GR 620.0  8750.0   610.0  8890.0   610.0  9750.0   620.0 10400.0   680.0 10700.0
NC 0.100   0.100   0.022              .8
QT     6  187917  235917  259321  271161  340896
X1418.39      29    5325    6400   11140   11140   11140
GR 680.0   100.0   660.0   450.0   652.0   650.0   660.0   900.0   680.0  1140.0
GR 680.0  1240.0   660.0  1300.0   650.0  1540.0   660.0  1780.0   680.0  2000.0
GR 618.5  2450.0   613.5  2580.0   608.5  3930.0   608.5  4780.0   613.3  5080.0
GR 613.3  5240.0   608.8  5325.0   586.2  5450.0   570.5  5470.0   570.0  5550.0
GR 562.2  5900.0   569.0  6140.0   571.0  6250.0   577.0  6300.0   608.5  6400.0
GR 613.0  7230.0   618.5  7730.0   633.2  7900.0   680.0  8000.0     0.0     0.0
NC 0.090   0.055   0.019              .3
QT     6  187004  235004  258216  270608  340469
X1420.49      44    3570    6960   11088   11088   11088
GR 680.0   100.0   660.0   450.0   652.0   650.0   660.0   900.0   680.0  1150.0
GR 680.0  1250.0   660.0  1300.0   650.0  1550.0   659.8  1800.0   680.0  2050.0
GR 628.5  3070.0   613.2  3150.0   613.4  3570.0   586.7  3600.0   581.0  3650.0
GR 579.0  3700.0   579.0  3900.0   580.0  4000.0   586.0  4050.0   614.0  4110.0
GR 609.0  4540.0   615.5  4750.0   608.5  5000.0   608.5  5490.0   614.8  5710.0
GR 613.0  5810.0   587.0  5900.0   584.0  6000.0   584.0  6100.0   580.0  6190.0
GR 577.0  6320.0   580.5  6400.0   585.0  6530.0   584.3  6760.0   584.5  6800.0
GR 586.7  6900.0   614.0  6960.0   608.5  8020.0   608.8  8900.0   614.8  9500.0
GR 620.0 10500.0   640.0 11200.0   660.0 11550.0   680.0 11800.0     0.0     0.0
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NC 0.090   0.067   0.029              .3
QT     6  186087  234087  257105  270053  340041  315000
X1422.60      31    2075    3340   11140   11140   11140
GR 680.0    10.0   660.5   350.0   652.0   550.0   660.0   800.0   680.0  1050.0
GR 680.0  1150.0   660.0  1200.0   650.0  1425.0   660.0  1650.0   680.0  1850.0
GR 633.0  1900.0   628.0  1930.0   608.0  1980.0   602.0  2075.0   587.0  2100.0
GR 578.0  2160.0   575.0  2300.0   578.7  2470.0   575.0  2520.0   579.8  2700.0
GR 583.0  3040.0   581.0  3250.0   587.0  3300.0   613.0  3340.0   618.2  3440.0
GR 618.2  3725.0   613.4  3975.0   620.0  5800.0   640.0  7300.0   660.0  8150.0
GR 680.0  8330.0
NC 0.050   0.050   0.022
QT     6  175000  225000  246000  258000  325000  270000
X1424.70      26     770    2030   11088   11088   11088
GR 700.0   100.0   638.0   101.0   608.0   220.0   608.0   450.0   613.0   770.0
GR 608.5   810.0   587.5   875.0   585.0   890.0   577.5  1120.0   575.0  1400.0
GR 576.0  1600.0   577.0  1880.0   587.5  1940.0   618.2  2030.0   618.2  2860.0
GR 623.0  3080.0   628.0  3190.0   640.0  3300.0   640.0  3650.0   660.0  3800.0
GR 680.0  4030.0   680.0  4250.0   660.0  4550.0   660.0  5300.0   680.0  5500.0
GR 700.0  6650.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
EJ
T1      GUNTERSVILLE RESERVOIR            2/5/91   CDS,CDS            00351000
T2      10 YEAR FLOOD                     DS=GUNTER73                 00352000
T3      TENNESSEE RIVER                DSN=GUNTER73 CDS,CDS           00353000
J1             3                                                 595.6
J2     2              -1
T1      GUNTERSVILLE RESERVOIR            2/5/91   CDS,CDS            00356000
T2      50 YEAR FLOOD                     DS=GUNTER73                 00357000
T3      TENNESSEE RIVER                DSN=GUNTER73 CDS,CDS           00358000
J1             4                                                 595.7
J2     3              -1
T1      GUNTERSVILLE RESERVOIR            2/5/91   CDS,CDS            00361000
T2      100 YEAR FLOOD                    DS=GUNTER73                 00362000
T3      TENNESSEE RIVER                DSN=GUNTER73 CDS,CDS           00363000
J1             5                                                595.75
J2     4              -1
T1      GUNTERSVILLE RESERVOIR            2/5/91   CDS,CDS            00366000
T2      500 YEAR FLOOD                    DS=GUNTER73                 00367000
T3      TENNESSEE RIVER                DSN=GUNTER73 CDS,CDS           00368000
J1             6                                                595.88
J2     5              -1
T1      GUNTERSVILLE RESERVOIR            2/5/91   CDS,CDS            00376000
T2      1973 FLOOD                        DS=GUNTER73                 00377000
T3      TENNESSEE RIVER                DSN=GUNTER73 CDS,CDS           00378000
J1             7                                                595.70
J2    15              -1
ER
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T1      NICKAJACK RESERVOIR                 6/20/90                        00001000
T2      1 YEAR FLOOD                        DSN=NICK                       00002000
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                            00003000
J1            2                                                     632.0
J2                  -1
NC                          0.1     0.5
NH     5   0.060     120   0.045    1000   0.037    2840   0.045    3600   0.060
NH  4070
QT     9  119000  168000  181000  210000  238000  250000  330000  252000  239000
X1424.70      16    1000    2840       0       0       0
GR 680.0       1   634.0     120   614.0     200   611.1     770   620.0     920
GR 620.0    1000   584.0    1100   579.0    1500   579.0    1800   583.0    2100
GR 582.0    2600   616.0    2700   618.0    2800   628.0    2840   629.0    3600
GR 680.0    4070
NH     4   0.080     750   0.040    3840   0.029    4600   0.080    4890
QT     9  119000  168000  181000  210000  238000  250000  330000  252795  23900
X1426.80      16    3840    4600   11088   11088   11088
GR 680.0     350   660.0     450   634.0     750   620.0     940   614.0    2700
GR 620.0    2800   609.0    2970   613.0    3380   618.0    3630   626.0    3680
GR 613.0    3840   574.0    3950   574.0    4590   634.0    4600   660.0    4750
GR 680.0    4890
NH     5   0.110    2220   0.035    3200   0.023    4680   0.035    5460   0.060
NH  6160
QT     9  119000  168000  181000  210000  238000  250000  330000  253600  239000
X1428.91      23    3200    4680 11140.8 11140.8 11140.8
GR 680.0    1500   640.0    1980   634.0    2220   620.0    2280   619.0    2500
GR 611.0    2830   618.0    3200   598.0    3400   596.0    3600   578.0    3780
GR 574.0    4000   586.0    4540   622.0    4680   622.0    4830   616.0    4960
GR 616.0    5100   621.0    5200   621.0    5250   617.0    5340   619.0    5380
GR 630.0    5460   640.0    5780   680.0    6160
NH     4   0.115    1600   0.028    2250   0.028    3660   0.150    4000
QT     9  119000  168000  181000  210000  238000  250000  330000  254395  239000
X1431.01      15    2250    3660   11088   11088   11088
GR 700.0     750   680.0     850   660.0     950   640.0    1350   634.0    1600
GR 620.0    2250   586.0    2600   588.0    2950   583.0    3200   596.0    3250
GR 583.0    3450   590.0    3650   634.0    3660   680.0    3820   700.0    4000
NH     4   0.100     300   0.025    1790   0.025    3450   0.150    4650
QT     9  119000  168000  181000  210000  238000  250000  330000  255195  239000
X1433.12      15     300    1790 11140.8 11140.8 11140.8
GR 700.0      25   680.0     100   640.0     200   630.0     300   624.0     400
GR 591.0     650   584.0    1000   586.0    1340   595.0    1600   634.0    1790
GR 625.0    2380   620.0    3290   630.0    3450   640.0    4500   700.0    4650
NH     5   0.150     575   0.026    1175   0.026    2190   0.026    2775   0.120
NH  3400
QT     9  119000  168000  181000  210000  238000  250000  330000  255995  239000
X1435.22      17    1175    2190   11088   11088   11088
GR 700.0      20   680.0     375   634.0     575   629.0     675   621.0    1175
GR 604.0    1280   587.0    1480   577.0    1740   577.0    2010   584.0    2080
GR 623.0    2190   629.0    2675   634.0    2775   640.0    2900   660.0    3125
GR 680.0    3200   700.0    3400
NH     5   0.140     400   0.032     600   0.032    1380   0.032    1600   0.140
NH  1970
QT     9  119000  168000  181000  210000  238000  250000  330000  256795  239000
X1437.33      14     600    1380 11140.8 11140.8 11140.8
GR 700.0      25   680.0      80   634.0     400   620.0     600   582.0     700
GR 575.0     740   575.0    1110   577.0    1200   596.0    1300   628.0    1380
GR 634.0    1600   640.0    1725   660.0    1800   700.0    1970
NC 0.150   0.125   0.025
QT     9  119000  168000  181000  210000  238000  250000  330000  257195  239000
X1438.38      18     550    1640    5544    5544    5544
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GR 700.0      40   680.0     150   660.0     320   640.0     420   634.0     550
GR 631.0     600   626.0     680   607.0     740   584.0     900   577.0    1120
GR 577.0    1340   588.0    1450   610.0    1480   631.0    1560   634.0    1640
GR 650.0    1820   660.0    1900   700.0    2080
NH     4   0.135     280   0.025     550   0.025    1500   0.060    2880
QT     9  119000  168000  181000  210000  238000  250000  330000  257595  239000
X1439.43      22     550    1500    5544    5544    5544
GR 700.0      40   660.0     240   634.0     280   628.0     300   625.0     550
GR 600.0     650   585.0     700   580.0     800   580.0    1000   590.0    1200
GR 634.0    1500   634.0    1660   637.0    1700   637.0    1750   629.0    1875
GR 625.0    2200   628.0    2360   640.0    2499   650.0    2500   660.0    2675
GR 680.0    2775   700.0    2880
NC 0.100   0.090   0.026
QT     9  119000  168000  181000  210000  238000  250000  330000  257990  239000
X1440.48      17     350    1590    5544    5544    5544
GR 700.0      50   660.0     210   640.0     320   635.2     350   620.0     440
GR 608.0     600   590.0     700   581.0     780   581.0     970   587.0    1020
GR 593.0    1250   596.0    1320   602.0    1440   634.0    1590   640.0    1930
GR 660.0    2070   680.0    2170
NC 0.090   0.110   0.032              .8
QT     9  119000  168000  181000  210000  238000  250000  330000  258395  239000
X1441.54      11     500    1725  5596.8  5596.8  5596.8
GR 700.0     200   634.0     500   617.0     640   583.0     840   595.0    1240
GR 617.0    1590   634.0    1725   640.0    1850   660.0    2000   680.0    2200
GR 700.0    2300
NC 0.090   0.120   0.022             0.3
QT     9  119000  168000  181000  210000  238000  250000  330000  258795  239000
X1442.59      21    2175    3075    5544    5544    5544
GR 740.0     900   660.0    1260   640.0    1470   635.0    1560   635.0    2000
GR 639.0    2100   639.0    2140   638.0    2175   617.0    2200   607.0    2320
GR 598.0    2360   592.0    2460   584.0    2680   584.0    2860   593.0    2900
GR 607.0    2920   630.0    3040   634.0    3075   640.0    3150   700.0    3300
GR 740.0    3450
NC 0.100   0.090   0.022              .3
QT     9  119000  168000  181000  210000  238000  250000  330000  259190  239000
X1443.64      12     750    1600    5544    5544    5544
GR 700.0     130   660.0     280   640.0     430   634.0     750   603.0     810
GR 584.0     900   584.0    1430   590.0    1500   630.0    1600   634.0    1680
GR 634.0    2000   700.0    2330
NC 0.150   0.150   0.035             0.8
QT     9  119000  168000  181000  210000  238000  250000  330000  259595  239000
X1444.70      14     260     940  5596.8  5596.8  5596.8
GR 740.0      50   700.0     125   680.0     160   633.0     260   626.0     330
GR 587.0     440   587.0     840   634.0     940   640.0    1020   660.0    1125
GR 680.0    1220   700.0    1325   720.0    1475   740.0    1725
NH     4   0.150     450   0.029     740   0.029    1550   0.150    2250
QT     9  119000  168000  181000  210000  238000  250000  330000  259995  239000
X1445.75      15     740    1550    5544    5544    5544
GR 740.0       0   700.0     100   660.0     370   640.0     425   634.0     450
GR 628.0     560   624.0     740   614.0     800   587.0     875   587.0    1440
GR 634.0    1550   640.0    1850   660.0    1950   700.0    2075   740.0    2250
NC 0.100   0.100   0.035             0.5
QT     9  119000  168000  181000  210000  238000  250000  330000  260390  239000
X1446.80      16     500    1700    5544    5544    5544
GR 740.0       0   645.0     350   634.0     500   600.0     620   592.0     660
GR 589.0     870   593.0    1020   601.0    1180   610.0    1460   617.0    1560
GR 634.0    1700   640.0    1900   660.0    2020   680.0    2080   700.0    2320
GR 740.0    2375
NC 0.150   0.100   0.042              .8
QT     9  119000  168000  181000  210000  238000  250000  330000  260790  239000
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X1447.85      16     440    1200    5544    5544    5544
GR 740.0      30   700.0      75   680.0     200   660.0     320   636.0     400
GR 634.0     440   630.0     450   612.0     500   590.0     600   588.0     610
GR 588.0    1070   620.0    1150   634.0    1200   640.0    1470   680.0    1520
GR 740.0    1830
NC 0.150   0.150   0.037              .8
QT     9  119000  168000  181000  210000  238000  250000  330000  261190  239000
X1448.90      17     999    1800    5544    5544    5544
GR 740.0     260   700.0     400   680.0     500   660.0     725   634.0     999
GR 601.0    1175   601.5    1220   591.0    1240   591.0    1600   599.0    1660
GR 627.0    1700   634.0    1800   640.0    1880   660.0    2000   680.0    2200
GR 700.0    2350   740.0    2500
NC 0.120   0.080   0.039
QT     9  119000  168000  181000  210000  238000  250000  330000  261590  239000
X1449.95      14     510    1120    5544    5544    5544
GR 740.0      75   700.0     250   680.0     275   660.0     360   652.0     490
GR 640.0     510   591.5     640   591.5    1070   634.0    1120   640.0    1470
GR 660.0    1500   680.0    1570   700.0    1700   740.0    1830
NC 0.120   0.120   0.044
QT     9  119000  168000  181000  210000  238000  250000  330000  261985  239000
X1451.00      18    1190    1760    5544    5544    5544
GR 740.0     440   720.0     730   700.0     775   680.0     870   660.0    1025
GR 638.0    1190   593.0    1280   593.0    1300   593.0    1400   593.0    1560
GR 593.0    1670   634.0    1760   640.0    1875   660.0    1950   680.0    2000
GR 700.0    2180   716.0    2390   740.0    2475
NC 0.120   0.120   0.038
QT     9  119000  168000  181000  210000  238000  250000  330000  262390  239000
X1452.06      20     700    1400  5596.8  5596.8  5596.8
GR 740.0     150   700.0     250   680.0     350   660.0     520   640.0     575
GR 634.0     700   620.0     725   600.0     850   597.0     880   596.0     990
GR 597.0    1140   608.0    1250   608.0    1300   623.0    1380   634.0    1400
GR 640.0    1500   660.0    1600   680.0    1700   700.0    1760   740.0    1900
NC 0.110   0.120   0.030
QT     9  119000  168000  181000  210000  238000  250000  330000  262790  239000
X1453.11      12     675    1375    5544    5544    5544
GR 740.0      30   700.0     140   660.0     345   640.0     540   634.0     675
GR 595.0     800   595.0    1320   640.0    1375   660.0    1490   680.0    1575
GR 700.0    1730   740.0    1870
NC 0.080   0.090   0.030
QT     9  119000  168000  181000  210000  238000  250000  330000  263185  239000
X1454.16      21     700    1900    5544    5544    5544
GR 740.0     100   700.0     250   680.0     350   660.0     400   645.0     650
GR 634.0     700   617.0     750   611.0     800   604.0     960   604.0    1090
GR 607.0    1325   607.0    1490   605.0    1600   611.0    1825   634.0    1900
GR 642.0    1910   650.0    1950   660.0    1975   680.0    2125   700.0    2250
GR 740.0    2400
NH     5   0.060     375   0.034     760   0.060    2660   0.035    3270   0.060
NH  4225
QT     9  119000  168000  181000  210000  238000  250000  330000  263585  239000
X1455.21      24     375     760    5544    5544    5544
GR 740.0       0   700.0     110   680.0     140   660.0     210   640.0     325
GR 634.0     375   620.0     410   602.0     480   602.0     680   634.0     760
GR 640.0     790   650.0    1300   660.0    1490   660.0    2150   640.0    2610
GR 634.0    2660   610.0    2770   610.0    3175   634.0    3270   640.0    3290
GR 650.0    3410   700.0    3900   720.0    4120   740.0    4225
NH     5   0.100     890   0.028    1450   0.060    3800   0.028    4500   0.060
NH  7300
QT     9  119000  168000  181000  210000  238000  250000  330000  263990  239000
X1456.27      29     890    1450  5596.8  5596.8  5596.8
GR 740.0     570   700.0     720   634.0     890   610.0     925   604.0    1025
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GR 603.0    1175   606.0    1325   617.0    1375   634.0    1420   637.0    1450
GR 640.0    1475   650.0    1660   650.0    1750   660.0    2000   650.0    2700
GR 660.0    2910   650.0    3800   615.0    3900   611.0    4000   610.0    4200
GR 611.0    4400   614.0    4440   644.0    4500   650.0    4560   650.0    6000
GR 660.0    6360   680.0    6460   700.0    7050   740.0    7300
NC 0.100   0.060   0.035
QT     9  119000  168000  181000  210000  238000  250000  330000  264785  239000
X1458.37      13    2600    3550   11088   11088   11088
GR 740.0    2450   660.0    2500   634.0    2600   608.0    2680   608.0    3375
GR 610.0    3400   634.0    3475   640.0    3500   652.0    3550   649.5    3780
GR 660.0    4225   660.0    6940   740.0    7240
NC 0.150   0.070   0.026
QT     9  119000  168000  181000  210000  238000  250000  330000  265585  239000
X1460.48      13     300    1350 11140.8 11140.8 11140.8
GR 740.0      50   671.0      75   668.0     300   612.0     400   612.0     875
GR 614.0    1175   621.0    1250   634.0    1350   650.0    1450   670.0    1975
GR 680.0    2700   700.0    2790   740.0    3075
NC 0.150   0.125   0.029
QT     9  119000  168000  181000  210000  238000  250000  330000  266385  239000
X1462.58      11   19970   21100   11088   11088   11088
GR 740.0   18540   650.0   19050   640.0   19970   634.0   20030   620.0   20075
GR 615.0   20280   615.0   20730   622.0   21075   640.0   21100   700.0   21400
GR 740.0   21550
NH     5   0.150   11200   0.028   11890   0.080   12350   0.028   13060   0.110
NH 13825
QT     9  119000  168000  181000  210000  238000  250000  330000  267000  239000
X1464.69      21   12350   13060 11140.8 11140.8 11140.8
GR 740.0   10720   650.0   11010   640.0   11150   634.0   11200   620.0   11275
GR 621.0   11700   644.0   11890   655.0   11990   652.0   12350   630.0   12370
GR 620.0   12410   618.0   12450   618.0   12955   630.0   13000   634.0   13060
GR 640.0   13140   650.0   13170   650.0   13420   660.0   13620   700.0   13720
GR 740.0   13825
NC 0.085   0.100   0.037
QT     9  119000  168000  181000  210000  238000  250000  330000  267000  239000
X1466.79      12    8700    9960   11088   11088   11088
GR 740.0    5400   660.0    6100   660.0    7950   650.0    8700   624.0    8780
GR 622.0    9010   620.0    9030   620.0    9525   624.0    9910   634.0    9960
GR 640.0   10000   740.0   10250
NH     4   0.090    7160   0.020    8525   0.100    9160   0.100   10520
QT     9  106000  150000  162000  186000  218000  230000  300000  230000  230000
X1468.90      24    7160    8525 11140.8 11140.8 11140.8
GR 740.0    3200   660.0    4400   650.0    5000   660.0    5450   650.0    5570
GR 660.0    5750   660.0    6620   650.0    6870   650.0    7160   626.0    7225
GR 624.0    7700   625.0    8000   624.5    8390   640.0    8500   650.0    8525
GR 660.0    8750   680.0    8770   700.0    8820   720.0    8970   740.0    9160
GR 700.0    9820   690.0    9960   680.0   10175   740.0   10520
NC 0.100   0.110   0.020
QT     9  106000  150000  162000  186000  218000  230000  300000  230000  230000
X1471.00      12    7575    9120   11088   11088   11088
GR 740.0    4775   660.0    5375   660.0    6875   640.0    7575   625.0    7670
GR 623.0    8080   620.0    8160   627.0    9110   634.0    9120   700.0    9225
GR 700.0    9675   740.0   10125
EJ
T1      NICKAJACK RESERVOIR                6/20/90                        00236000
T2      2 YEAR FLOOD                       DSN=NICK                       00237000
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                           00238000
J1            3                                                     632.0
J2     2             -1
T1      NICKAJACK RESERVOIR                6/20/90                        00241000
T2      5 YEAR FLOOD                       DSN=NICK                       00242000
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T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                         00243000
J1             4                                                   632.0
J2     3              -1
T1      NICKAJACK RESERVOIR                6/20/90                      00246000
T2      10 YEAR FLOOD                      DSN=NICK                     00247000
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                         00248000
J1             5                                                   632.0
J2     4              -1
T1      NICKAJACK RESERVOIR                6/20/90                      00250010
T2      50 YEAR FLOOD                      DSN=NICK                     00250020
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                         00250030
J1             6                                                   632.0
J2     5              -1
T1      NICKAJACK RESERVOIR                6/20/90                      00250060
T2      100 YEAR FLOOD                     DSN=NICK                     00250070
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                         00250080
J1             7                                                   632.0
J2     6              -1
T1      NICKAJACK RESERVOIR                6/20/90                      00250110
T2      500 YEAR FLOOD                     DSN=NICK                     00250120
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                         00250130
J1             8                                                   632.0
J2     7              -1
T1      NICKAJACK RESERVOIR                6/20/90                      00251000
T2      1973 FLOOD                         DSN=NICK                     00252000
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                         00253000
J1             9                                                   632.3
J2     8              -1
T1      NICKAJACK RESERVOIR                6/20/90                      00256000
T2      1984 FLOOD                         DSN=NICK                     00257000
T3      TENN RIVER MILE 424.7 TO 471.0 PROFILES                         00258000
J1            10                                                  632.44
J2    15              -1
ER
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T1      CHICKAMAUGA RESERVOIR                                           00001000
T2      2-YEAR FLOOD                                                    00002000
T3      TENNESSEE RIVER                    FLOOD PROFILES 11-24-80      00003000
J1            2                                                 681.0
J2                   -1
NC   .04     .06    .031      .1      .5
QT     6  150000  165000  193000  212000  224000  292000
X1471.00      12     100    4220
GR 740.0    99.0   671.0   100.0   662.0  2600.0   632.0  2660.0   630.0  3100.0
GR 625.0  3250.0   631.2  3800.0   650.2  3860.0   660.0  4120.0   680.0  4220.0
GR 713.0  4280.0   740.0  4281.0     0.0     0.0     0.0     0.0     0.0     0.0
NC   .10     .12    .028
X1473.10      21     350    5830   12000   10600   11088
GR 730.0   100.0   690.0   350.0   666.0   351.0   666.3  2500.0   669.4  2700.0
GR 664.6  2860.0   673.0  3300.0   671.6  3570.0   658.9  3800.0   663.0  4030.0
GR 662.0  4200.0   632.3  4260.0   630.0  4700.0   625.2  4850.0   631.2  5400.0
GR 654.8  5500.0   660.0  5720.0   680.0  5820.0   683.0  5830.0   713.3  5890.0
GR 730.0  5891.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC   .04     .12    .034
X1475.21      19     190    3820   11140   11140   11140
GR 690.0   100.0   666.0   190.0   665.4   500.0   669.5   690.0   664.2   860.0
GR 673.0  1300.0   671.5  1570.0   658.8  1800.0   663.5  2030.0   662.3  2200.0
GR 632.0  2250.0   630.0  2700.0   628.0  2760.0   628.0  3100.0   631.2  3400.0
GR 655.0  3500.0   660.0  3710.0   680.0  3820.0   712.0  3890.0     0.0     0.0
NC   .06     .06    .016
X1477.31      14     200    3700    9000   11088   11088
GR 720.0    50.0   700.0    51.0   683.0   200.0   655.0   400.0   658.0   600.0
GR 629.0   720.0   629.0   990.0   629.0  1180.0   629.0  1520.0   668.0  1650.0
GR 671.0  1980.0   683.0  3700.0   700.0  3850.0   720.0  4000.0     0.0     0.0
NC   .06     .04    .022
X1480.00      15    2200    5080   14000   12000   14200
GR 720.0  1350.0   700.0  1500.0   683.0  2200.0   664.0  3100.0   635.0  3180.0
GR 632.0  3500.0   632.0  4270.0   659.0  4370.0   666.0  4450.0   650.5  4550.0
GR 661.3  4610.0   666.0  4920.0   683.0  5080.0   700.0  5250.0   720.0  5360.0
NC   .10     .03    .017
X1 480.0                              1       1       1
X1481.52      14    4100    7000    8026    8026    8026
GR 740.0   100.0   720.0   101.0   700.0  4100.0   682.8  4200.0   680.0  5800.0
GR 670.0  5900.0   660.0  6060.0   629.0  6120.0   629.0  6570.0   629.0  6830.0
GR 665.0  6950.0   700.0  7000.0   720.0  7100.0   740.0  7101.0     0.0     0.0
NC   .03     .03    .015
X1483.62      15     330    3520    9000    9000   11088
GR 740.0   260.0   683.0   330.0   666.0   850.0   646.0   890.0   635.0   950.0
GR 629.0  1090.0   629.0  1750.0   633.0  1820.0   670.0  1970.0   665.0  2400.0
GR 681.0  2870.0   683.0  3520.0   700.0  4370.0   720.0  4580.0   730.0  4650.0
NC   .08     .07    .028
X1485.72      20    2500    6620   11200   10500   11088
GR 730.0    30.0   720.0    31.0   710.0  1700.0   700.0  2050.0   683.0  2500.0
GR 670.0  3680.0   661.6  3760.0   661.0  4500.0   670.0  4800.0   635.0  4950.0
GR 629.9  5290.0   636.0  6000.0   667.0  6120.0   669.0  6200.0   665.0  6450.0
GR 672.0  6560.0   683.0  6620.0   700.0  6750.0   710.0  6950.0   730.0  7300.0
NC   .03     .10    .028
X1487.83      17     450    3150   10700   10000   11140
GR 740.0   100.0   690.0   170.0   680.0   200.0   665.0   450.0   639.0   520.0
GR 639.0  1610.0   665.0  1800.0   665.0  2100.0   650.0  2164.0   650.0  2330.0
GR 665.0  2400.0   665.0  2900.0   670.0  3100.0   682.0  3150.0   700.0  3250.0
GR 720.0  3400.0   740.0  3450.0     0.0     0.0     0.0     0.0     0.0     0.0
NC   .08     .06    .023
X1489.93      14     570    4320   10200   11200   11088
GR 740.0    70.0   720.0   210.0   700.0   570.0   683.1   571.0   665.0  1190.0
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GR 664.0  1700.0   672.4  2650.0   660.0  2690.0   645.0  2800.0   645.0  4000.0
GR 641.5  4200.0   682.0  4320.0   720.0  4420.0   740.0  4580.0     0.0     0.0
NC   .11     .11    .028
X1492.04      23     260    3470   11140   11140   11140
GR 740.0    70.0   720.0   100.0   700.0   150.0   683.5   260.0   664.0   400.0
GR 660.0   460.0   670.0   680.0   663.5   800.0   663.5   850.0   668.4  1140.0
GR 664.6  1280.0   667.0  1390.0   667.0  1520.0   671.0  1660.0   672.6  1850.0
GR 660.0  1890.0   645.0  2000.0   645.0  3200.0   641.6  3400.0   683.0  3470.0
GR 700.0  3620.0   720.0  3670.0   740.0  3740.0     0.0     0.0     0.0     0.0
NC   .08     .08    .024
X1494.14      24    1000    4050   11000   11000   11088
GR 740.0   750.0   720.0   850.0   700.0   900.0   683.0  1000.0   676.9  1300.0
GR 663.2  1530.0   662.6  1610.0   665.6  1790.0   658.1  1840.0   648.0  1870.0
GR 644.2  1960.0   645.7  2040.0   650.0  2060.0   645.0  2110.0   645.0  2500.0
GR 644.0  3300.0   645.0  3550.0   642.0  3590.0   648.0  3760.0   666.7  3810.0
GR 683.0  4050.0   700.0  4140.0   720.0  4200.0   740.0  4250.0     0.0     0.0
NC   .08     .08    .024
X1496.24      23     850    4950   11000   11000   11088
GR 740.0   400.0   720.0   710.0   700.0   850.0   682.9   851.0   670.6  1780.0
GR 662.0  1840.0   652.5  1860.0   649.1  1950.0   650.6  2030.0   655.0  2060.0
GR 650.0  2110.0   649.0  3300.0   650.0  3550.0   647.0  3580.0   653.0  3760.0
GR 672.0  3820.0   677.0  3880.0   676.0  4160.0   674.0  4310.0   675.6  4660.0
GR 683.0  4950.0   700.0  5010.0   740.0  5270.0     0.0     0.0     0.0     0.0
NH     4     .06    1800     .03    2720    .023    5200     .08    5610
X1498.35      11    2720    5200   10000   11000   11140
GR 740.0    50.0   720.0  1800.0   700.0  1950.0   700.0  2720.0   647.0  2820.0
GR 647.0  3750.0   655.0  4000.0   664.3  4050.0   674.7  4250.0   683.0  5200.0
GR 740.0  5610.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NH     7     .07     370     .03     901     .04    2200     .03    3550     .04
NH  4100    .019    6290     .06    6600
QT     6  122000  153000  168000  190000  200000  260000
X1500.45      18    4100    6290   10700   11300   11088
GR 760.0    30.0   700.0   370.0   678.0   371.0   678.0   900.0   690.0   901.0
GR 690.0  2200.0   678.0  2201.0   678.0  3550.0   690.0  3551.0   690.0  4100.0
GR 678.0  4101.0   678.0  5160.0   648.0  5190.0   648.0  6070.0   650.0  6100.0
GR 683.0  6290.0   740.0  6460.0   760.0  6600.0     0.0     0.0     0.0     0.0
NC   .10     .07    .022
X1502.55      17    3380    5450   11000   11000   11088
GR 740.0    20.0   720.0   350.0   720.0  1200.0   740.0  1650.0   740.0  3150.0
GR 720.0  3300.0   700.0  3350.0   683.0  3380.0   676.0  3400.0   680.0  3660.0
GR 646.0  3810.0   646.0  4580.0   650.0  4600.0   680.0  4670.0   683.0  5450.0
GR 720.0  6200.0   740.0  6400.0     0.0     0.0     0.0     0.0     0.0     0.0
NC   .08     .05    .017
X1504.66      24   16270   18700    3000   11000   11140
GR 760.0  5000.0   740.0  5600.0   720.0  6000.0   720.0  7100.0   740.0  7700.0
GR 760.0  9100.0   720.0  9900.0   700.0 10500.0   700.0 10900.0   720.0 11200.0
GR 720.0 12400.0   700.0 12900.0   720.0 13200.0   740.0 14100.0   740.0 15250.0
GR 700.0 16270.0   683.0 16300.0   680.0 16600.0   645.0 16780.0   645.0 17670.0
GR 680.0 17750.0   683.0 18700.0   700.0 18900.0   760.0 19150.0     0.0     0.0
NC   .12     .12    .036
X1506.76      19    2700    5900    8000   12500   11088
GR 760.0   100.0   740.0   980.0   740.0  1750.0   700.0  2500.0   683.0  2700.0
GR 679.0  3250.0   684.2  4180.0   651.5  4290.0   653.0  4520.0   649.2  4780.0
GR 649.0  5230.0   652.4  5430.0   676.0  5560.0   678.0  5700.0   683.0  5900.0
GR 700.0  6100.0   720.0  6850.0   740.0  7950.0   760.0  8550.0     0.0     0.0
NC   .05     .10    .021
X1508.86      15    1200    3750   13000   10000   11088
GR 760.0   100.0   720.0   300.0   700.0   600.0   690.0   980.0   683.0  1200.0
GR 680.0  2140.0   650.0  2240.0   650.0  2820.0   660.0  3220.0   683.0  3750.0
GR 690.0  3810.0   700.0  3990.0   720.0  4200.0   740.0  4700.0   760.0  5200.0
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NC   .13     .13     .04
X1510.97      16    5140    6780   11000   10000   11140
GR 760.0    50.0   740.0   310.0   730.0   550.0   720.0  1050.0   710.0  1700.0
GR 700.0  2050.0   690.0  2250.0   690.0  2700.0   700.0  3150.0   690.0  4160.0
GR 683.0  5140.0   655.0  5220.0   655.0  6620.0   680.0  6700.0   683.0  6780.0
GR 760.0  7050.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC   .09     .06    .021
X1513.07      20    3170    4680   10000   10000   11088
GR 760.0    50.0   740.0   400.0   720.0  2140.0   700.0  3100.0   683.0  3170.0
GR 680.0  3350.0   657.0  3410.0   657.0  4500.0   679.0  4520.0   683.0  4680.0
GR 686.0  4681.0   686.0  5350.0   683.0  5351.0   680.0  5500.0   683.0  5800.0
GR 690.0  5980.0   700.0  6960.0   720.0  7750.0   740.0  9060.0   760.0  9850.0
NC   .06     .09     .03
X1515.18      14    2560    4140   10000   10000   11140
GR 760.0    50.0   740.0   260.0   720.0   550.0   700.0   740.0   690.0  1550.0
GR 683.0  2560.0   660.0  2600.0   660.0  4100.0   683.0  4140.0   689.8  4550.0
GR 700.0  5550.0   720.0  5800.0   740.0  6050.0   760.0  6450.0     0.0     0.0
NC   .06     .08    .025
X1517.28      25    3950    5390   10000    9500   11088
GR 760.0    60.0   740.0   410.0   720.0  1100.0   700.0  1700.0   685.0  2600.0
GR 685.0  2860.0   690.0  3350.0   690.0  3840.0   683.0  3950.0   666.0  4010.0
GR 661.5  4160.0   664.0  4400.0   664.0  4850.0   661.0  5010.0   661.0  5150.0
GR 660.0  5180.0   664.0  5290.0   663.0  5360.0   683.0  5390.0   690.0  5900.0
GR 700.0  6000.0   710.0  6200.0   720.0  6700.0   740.0  7300.0   760.0  7960.0
NC   .06     .05    .018
X1519.38      22    1490    2761    8500   12000   11088
GR 760.0   100.0   740.0   540.0   720.0   700.0   700.0   900.0   690.0  1170.0
GR 686.0  1171.0   686.0  1240.0   690.0  1241.0   690.0  1430.0   683.0  1480.0
GR 678.1  1490.0   675.0  1640.0   670.0  1700.0   661.0  1910.0   661.0  2320.0
GR 683.0  2760.0   690.0  2761.0   700.0  4750.0   710.0  7000.0   720.0  7740.0
GR 740.0  8040.0   760.0  8200.0     0.0     0.0     0.0     0.0     0.0     0.0
NH     4     .05    1825    .017    2901     .03    4400     .07    6650
X1521.49      18    1825    2901   11000   11500   11140
GR 760.0   100.0   740.0   350.0   720.0  1000.0   700.0  1100.0   690.0  1825.0
GR 683.0  1900.0   670.0  1901.0   662.3  1930.0   662.3  2300.0   664.0  2301.0
GR 667.0  2900.0   690.0  2901.0   695.0  3300.0   695.0  3950.0   700.0  4400.0
GR 720.0  5650.0   740.0  6400.0   760.0  6650.0     0.0     0.0     0.0     0.0
NH     5     .06     200    .019    1050     .05    2960     .10    3800     .10
NH  8650
X1523.59      21     200    1050   11000    7500   11088
GR 760.0   100.0   687.5   200.0   665.0   310.0   659.0   400.0   659.0   530.0
GR 659.0   610.0   659.0   690.0   659.0   980.0   683.0  1000.0   690.0  1050.0
GR 695.0  1340.0   694.8  1600.0   700.0  1840.0   720.0  2300.0   760.0  2960.0
GR 760.0  3800.0   740.0  3900.0   720.0  4100.0   720.0  7850.0   740.0  7980.0
GR 760.0  8650.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
NC   .04     .06     .02
X1525.69      20    6180    7160    6500    5000   11088
GR 760.0    50.0   740.0   440.0   720.0   800.0   700.0  1400.0   705.0  1500.0
GR 705.0  1750.0   700.0  1900.0   700.0  3100.0   705.0  4150.0   705.0  5000.0
GR 700.0  5250.0   690.0  5550.0   683.0  6180.0   660.0  6230.0   658.0  6350.0
GR 658.0  6975.0   660.0  7080.0   683.0  7160.0   700.0  7350.0   760.0  7550.0
NH     5     .06    1260    .026    2450     .07    3810     .08    5250     .09
NH  7901
X1527.80      18    1260    2450    9500   11000   11140
GR 760.0    50.0   740.0   180.0   720.0   950.0   700.0  1050.0   683.0  1260.0
GR 664.4  1320.0   664.4  1930.0   672.0  1960.0   672.0  2420.0   683.0  2450.0
GR 690.0  3080.0   700.0  3350.0   720.0  3810.0   740.0  5250.0   720.0  6010.0
GR 720.0  7100.0   740.0  7900.0   760.0  7901.0     0.0     0.0     0.0     0.0
NC   .05     .06    .021
X1529.90      16    2000    3220   12000    9500   11088
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GR 760.0   100.0   740.0   450.0   720.0   750.0   700.0  1370.0   695.0  1800.0
GR 706.5  1801.0   706.5  2000.0   680.0  2175.0   664.0  2220.0   664.0  2500.0
GR 666.0  2501.0   666.0  3200.0   685.0  3220.0   695.0  3350.0   700.0  3720.0
GR 760.0  4050.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
EJ
T1      CHICKAMAUGA RESERVOIR                                                 00187000
T2      5-YEAR FLOOD                                                          00188000
T3      TENNESSEE RIVER                                                       00189000
J1             3                                                     681.0
J2     2              -1
T1      CHICKAMAUGA RESERVOIR                                                 00192000
T2      10-YEAR FLOOD                                                         00193000
T3      TENNESSEE RIVER                                                       00194000
J1             4                                                     681.0
J2     3              -1
T1      CHICKAMAUGA RESERVOIR                                                 00197000
T2      50-YEAR FLOOD                                                         00198000
T3      TENNESSEE RIVER                                                       00199000
J1             5                                                     685.7
J2     4              -1
T1      CHICKAMAUGA RESERVOIR                                                 00202000
T2      100-YEAR FLOOD                                                        00203000
T3      TENNESSEE RIVER                                                       00204000
J1             6                                                     686.0
J2     5              -1
T1      CHICKAMAUGA RESERVOIR                                                 00207000
T2      500-YEAR FLOOD                                                        00208000
T3      TENNESSEE RIVER                                                       00209000
J1             7                                                     687.1
J2    15              -1
ER
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