

CATAWBA

RIVER

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 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
 ERROR CORR - 01,02,03,04,05,06  
 MODIFICATION - 50,51,52,53,54,55  
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ATAWBA

C MORGANTON NC FIS FPM-BR  
 T1 MORGANTON NC FIS SAWPD-F BATCHELOR  
 T2 10 YEAR NATURAL  
 T3 CATAWBA RIVER

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	1000.500	0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	ISW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	49.000	4.000	5.000	0.000	38.000
	1.000	13.000	14.000	15.000	55.000	26.000	56.000	0.000	38.000	1.000
	53.000	21.000	22.000	54.000	4.000	0.000	150.000	201.000	0.000	0.000
NC	0.120	0.120	0.250	0.100	0.400	0.000	0.000	0.000	0.000	0.000
QT	0.000	22000.000	34000.000	40000.000	52500.000	40000.000	40000.000	40000.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1220.000
*** SURVEYED SECTION MCR-1 DID NOT ANY LOCATION *** USED AS GUIDE TO WRITE TOPO SECTION										
X1	69560.000	13.000	1220.000	1710.000	69560.000	69560.000	69560.000	69560.000	0.000	0.000
GP	1010.000	1300.000	1005.000	1050.000	1000.000	1060.000	995.000	1100.000	990.000	1160.000
GR	988.000	1220.000	981.000	1260.000	982.000	1670.000	988.000	1710.000	990.000	1740.000
GR	990.000	1910.000	1000.000	1940.000	1025.000	1970.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1220.000
X1	69561.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	1710.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1220.000
X1	69562.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	1710.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1220.000
X1	69565.000	0.000	0.000	0.000	3.000	3.000	3.000	0.000	0.000	1710.000



ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1000.000	1450.000
X1	78410.000	13.000	1060.000	1370.000	790.000	790.000	790.000	0.000	0.000	0.000
GR	1025.000	810.000	1000.000	880.000	1000.000	1000.000	1000.000	1035.000	995.000	1045.000
GR	995.000	1060.000	988.000	1080.000	989.000	1100.000	989.000	1350.000	995.000	1370.000
GR	995.000	1430.000	1000.000	1520.000	1025.000	1740.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1000.000	1330.000
X1	79530.000	16.000	1060.000	1320.000	920.000	920.000	920.000	0.000	0.000	0.000
GR	1025.000	620.000	1000.000	980.000	999.920	1300.000	999.700	1035.000	995.200	1045.000
GR	995.400	1060.000	993.600	1062.000	983.100	1380.000	989.100	1110.000	989.800	1140.000
GR	989.500	1240.000	989.000	1280.000	991.800	1314.000	996.700	1320.000	1000.000	1330.000
GR	1025.000	1390.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	900.000	1300.000
X1	80550.000	13.000	1060.000	1290.000	1020.000	1020.000	1020.000	0.000	0.000	0.000
GR	1025.000	700.000	1000.000	910.000	995.500	1060.000	993.900	1062.000	980.400	1080.000
GR	989.400	1100.000	990.100	1140.000	989.800	1240.000	990.100	1260.000	992.100	1284.000
GR	997.300	1290.000	1000.000	1300.000	1025.000	1340.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1380.000
X1	81970.000	18.000	1050.000	1270.000	1420.000	1420.000	1420.000	0.000	0.000	0.000
GR	1030.000	950.000	1025.000	980.000	1000.000	1040.000	996.000	1050.000	993.000	1055.000
GR	988.600	1080.000	990.000	1100.000	990.000	1200.000	994.200	1255.000	996.000	1270.000
GR	996.000	1290.000	1005.000	1300.000	1005.000	1430.000	1010.000	1450.000	1015.000	1480.000
GR	1020.000	1610.200	1025.000	1670.000	1030.000	1700.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1380.000
X1	82420.000	20.000	1050.000	1235.000	450.000	450.000	450.000	0.000	0.000	0.000
GR	1030.000	1000.000	1010.000	1025.000	1000.000	1045.000	997.200	1050.000	991.900	1057.000
GR	987.100	1070.000	986.000	1090.000	986.000	1115.000	986.000	1140.000	986.000	1165.000
GR	987.700	1180.000	992.600	1200.000	994.700	1230.000	996.300	1235.000	999.000	1270.000
GR	1000.500	1320.000	1000.700	1340.000	1004.400	1380.000	1005.000	1430.000	1035.000	1540.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1390.000
X1	82480.000	20.000	1050.000	1235.000	60.000	60.000	60.000	0.000	0.000	0.000
GR	1030.000	1000.000	1010.000	1025.000	1000.000	1045.000	997.200	1050.000	991.900	1057.000
GR	987.100	1070.000	983.000	1090.000	983.000	1115.000	983.000	1140.000	983.000	1165.000
GR	987.700	1180.000	992.600	1200.000	994.700	1230.000	996.300	1235.000	999.000	1270.000
GR	1000.500	1320.000	1000.700	1340.000	1004.400	1380.000	1005.000	1430.000	1035.000	1540.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1010.000	1400.000
X1	82527.000	35.000	1001.000	1434.000	47.000	47.000	47.000	0.000	0.000	0.000
GR	1033.200	1000.000	1029.400	1000.000	1024.200	1051.000	1010.900	1010.000	1017.400	1017.000
GR	1004.200	1022.000	1002.300	1000.000	997.400	1050.000	991.000	1057.000	986.000	1074.000
GR	986.000	1076.000	981.700	1090.000	979.700	1115.000	980.700	1140.000	981.500	1146.000
GR	981.500	1148.000	984.700	1165.000	987.700	1180.000	992.600	1200.000	994.000	1218.000
GR	994.000	1220.000	994.700	1230.000	996.300	1235.000	999.000	1270.000	1000.000	1290.000
GR	1000.000	1292.000	1000.500	1320.000	1000.700	1340.000	1002.500	1362.000	1002.500	1364.000

GR	1004.400	1388.000	1218.800	1410.000	1028.900	1433.000	1029.400	1434.000	1033.200	1434.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1019.000	1400.000
X1	82520.000	0.000	0.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000
BT	-22.000	1000.000	1033.200	1029.400	1074.000	1033.200	1029.400	1074.000	1033.200	986.000
BT	0.000	1076.000	1033.200	986.000	1076.000	1033.200	1029.400	1146.000	1033.200	1029.400
BT	0.000	1146.000	1033.200	981.500	1148.000	1033.200	981.500	1148.000	1033.200	1029.400
BT	0.000	1218.000	1033.200	1029.400	1218.000	1033.200	994.000	1220.000	1033.200	994.000
BT	0.000	1220.000	1033.200	1029.400	1290.000	1033.200	1029.400	1290.000	1033.200	1000.000
BT	0.000	1290.000	1033.200	1000.000	1364.000	1033.200	1029.400	1362.000	1033.200	1029.400
BT	0.000	1362.000	1033.200	1000.000	1364.000	1033.200	1022.500	1364.000	1033.200	1029.400
BT	0.000	1434.000	1033.200	1029.400	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1019.000	1400.000
X1	82552.000	XXX NC 18	N. BOUND LANE	** SECTION MCR-4	24.000	24.000	24.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1019.000	1400.000
X1	82553.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1019.000	1400.000
X1	82654.000	0.000	0.000	0.000	0.000	101.000	0.000	0.000	0.000	0.000
GR	1004.500	1000.000	1041.700	1000.000	1041.500	1005.000	1000.700	1070.000	1000.500	1074.000
GR	1000.500	1077.000	1044.900	1000.000	1077.000	1108.000	993.000	1120.000	984.600	1140.000
GR	984.500	1149.000	1044.600	984.500	1152.000	1160.000	984.500	1180.000	984.600	1200.000
GR	982.000	1224.000	1044.300	1227.000	1040.700	1227.000	989.200	1240.000	992.600	1260.000
GR	994.000	1227.000	1044.300	1230.000	1043.300	1302.000	995.300	1325.000	999.500	1333.000
GR	998.700	1345.000	1043.900	1350.000	1003.500	1374.000	1003.500	1377.000	1003.000	1385.000
GR	1038.700	1443.000	1039.600	1450.000	1043.200	1450.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1051.000	1400.000
X1	82655.000	0.000	0.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000
BT	-22.000	1000.000	1045.100	1041.700	1074.000	1044.900	1041.300	1074.000	1044.000	1000.500
BT	0.000	1077.000	1044.900	1000.000	1077.000	1044.900	1041.300	1149.000	1044.600	1041.000
BT	0.000	1149.000	1044.600	984.500	1152.000	1044.600	984.500	1152.000	1044.600	1041.000
BT	0.000	1224.000	1044.300	1040.700	1224.000	1044.300	984.200	1227.000	1044.300	984.700
BT	0.000	1227.000	1044.300	1040.700	1290.000	1043.300	1040.300	1290.000	1043.300	993.400
BT	0.000	1302.000	1043.900	993.400	1302.000	1043.900	1040.300	1374.000	1043.500	1039.900
BT	0.000	1374.000	1043.500	1003.500	1377.000	1043.500	1003.500	1377.000	1043.500	1030.900
BT	0.000	1450.000	1043.200	1039.600	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1051.000	1400.000
X1	82685.000	XXX NC 18	S. BOUND LANE	XX SECTION MCR-5	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1051.000	1400.000
X1	82686.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000



NC	ET	XXX TOPO	SECTION	MCR-10	AS	CHANNEL	TEMPLET	NEF	LOB	W/OB'S	FROM	TOPO	W/NEF
0.100	0.000	0.100	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	0.000	0.000	0.000
92570.000	1035.000	22.000	1800.000	1958.000	2570.000	2570.000	2570.000	1020.000	80.000	1015.000	1003.000	1200.000	1960.000
1035.000	1015.000	1470.000	1017.000	1580.000	1015.000	1700.000	1025.000	1770.000	1880.000	1015.000	1003.000	1015.000	1000.000
997.000	991.000	1810.000	994.000	1820.000	992.000	1860.000	991.500	1880.000	1880.000	990.900	990.900	1920.000	1800.000
1025.000	2050.000	1940.000	997.000	1955.000	1003.500	1958.000	1010.000	1980.000	1015.000	1015.000	2020.000	0.000	2020.000
0.090	0.000	0.300	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	0.000	0.000	0.000
95800.000	1035.000	20.000	2770.000	3015.000	3230.000	3230.000	3230.000	2520.000	1020.000	1020.000	2560.000	2700.000	3025.000
1035.000	1015.000	2690.000	1010.000	2760.000	1025.000	2770.000	1025.000	2785.000	994.100	994.100	2800.000	1020.000	2560.000
994.000	995.100	2820.000	993.300	2840.000	991.700	2880.000	991.100	2920.000	991.200	991.200	2940.000	991.200	2800.000
1025.000	2980.000	2980.000	997.100	3010.000	1005.000	3015.000	1025.000	3060.000	1035.000	1035.000	3070.000	1035.000	3070.000
0.000	0.000	9.110	9.110	9.110	9.110	9.110	9.000	0.000	0.000	0.000	0.000	3450.000	3900.000
96540.000	1035.000	10.300	3575.000	3785.000	740.000	740.000	740.000	1021.500	3071.000	3071.000	1010.000	3500.000	3795.000
3501.000	1050.000	0.000	2970.000	1035.000	2971.000	1035.000	3070.000	1021.500	3071.000	3071.000	1010.000	3500.000	3795.000
1024.000	1010.000	2625.000	1035.000	380.000	1030.000	380.000	1025.000	1020.000	1025.000	1025.000	2300.000	1025.000	2300.000
1010.000	1004.600	3550.000	1003.600	3540.000	1005.300	3550.000	1005.000	3340.000	1010.000	1010.000	3470.000	1005.000	3470.000
993.000	991.200	3640.000	993.000	3665.000	996.000	3680.000	991.800	3622.000	994.000	994.000	3625.000	991.800	3625.000
1005.600	1025.000	3725.000	991.200	3746.000	991.200	3749.000	996.000	3687.000	991.700	991.700	3705.000	991.700	3705.000
1025.000	3840.000	3785.000	1003.600	3800.000	1012.000	3808.000	1012.000	3770.000	1003.500	1003.500	3782.000	1003.500	3782.000
0.000	0.000	0.000	1040.400	3872.000	1043.700	3873.000	0.000	3811.000	1014.800	1014.800	3815.000	0.000	3815.000
96591.000	1035.000	38.000	3500.000	3872.000	51.000	51.000	9.110	1024.000	1041.000	1041.000	3500.000	3500.000	3828.000
1035.000	1050.000	1810.000	3501.000	3872.000	51.000	51.000	9.110	1024.000	1041.000	1041.000	3500.000	3500.000	3828.000
1024.000	1010.000	2625.000	1035.000	380.000	1030.000	380.000	1025.000	1020.000	1025.000	1025.000	2300.000	1025.000	2300.000
1010.000	1004.600	3550.000	1003.600	3540.000	1005.300	3550.000	1005.000	3340.000	1010.000	1010.000	3470.000	1005.000	3470.000
993.000	991.200	3640.000	993.000	3665.000	996.000	3680.000	991.800	3622.000	994.000	994.000	3625.000	991.800	3625.000
1005.600	1025.000	3725.000	991.200	3746.000	991.200	3749.000	996.000	3687.000	991.700	991.700	3705.000	991.700	3705.000
1025.000	3840.000	3785.000	1003.600	3800.000	1012.000	3808.000	1012.000	3770.000	1003.500	1003.500	3782.000	1003.500	3782.000
0.000	0.000	0.000	1040.400	3872.000	1043.700	3873.000	0.000	3811.000	1014.800	1014.800	3815.000	0.000	3815.000
96592.000	1035.000	0.000	0.000	0.000	1.000	1.000	9.110	3500.000	3828.000	3828.000	3500.000	3500.000	3828.000
-27.000	0.000	2870.000	1024.000	1024.000	3160.000	1025.000	1020.000	3340.000	1029.000	1029.000	1015.000	1029.000	1015.000
0.000	0.000	3560.000	1032.500	1010.000	3501.000	1032.500	1029.000	3560.000	1034.300	1034.300	1031.100	1034.300	1031.100
0.000	0.000	3560.000	1034.300	1005.000	3563.000	1034.300	1005.000	3563.000	1034.300	1034.300	1031.100	1034.300	1031.100
0.000	0.000	3622.000	1036.200	1032.000	3622.000	1036.200	991.700	3625.000	1036.200	1036.200	991.700	1036.200	991.700





NC	0.123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	104055.000	29.000	2053.000	2225.000	1225.000	1225.000	1225.000	1225.000	0.000	0.000	0.000	0.000	0.000
GR	1025.000	1950.000	1024.000	1970.000	1024.000	1971.000	1022.700	2053.000	1021.800	2015.000	0.000	0.000	0.000
GR	1019.000	2025.000	1019.000	2027.000	1014.500	2039.000	1012.700	2053.000	1008.200	2080.000	0.000	0.000	0.000
GR	999.000	2090.000	997.900	2104.000	997.900	2108.000	997.400	2130.000	999.300	2150.000	0.000	0.000	0.000
GR	1002.700	2183.000	1000.700	2187.000	1001.200	2210.000	1006.400	2225.000	1007.400	2262.000	0.000	0.000	0.000
GR	1007.400	2264.000	1000.000	2317.000	1009.000	2318.000	1010.000	2350.000	1025.000	2400.000	0.000	0.000	0.000
GR	1030.000	2620.000	1030.000	3020.000	1035.000	3240.000	1050.000	3320.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	104100.000	29.000	1970.000	2318.000	53.000	53.000	53.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	1036.200	1035.000	0.000	0.000	0.000	0.000
GR	1025.000	1950.000	1024.000	1970.000	1024.000	1971.000	1022.700	2053.000	1021.800	2016.000	0.000	0.000	0.000
GR	1019.000	2025.000	1019.000	2027.000	1014.500	2039.000	1012.700	2053.000	1008.200	2080.000	0.000	0.000	0.000
GR	999.000	2090.000	997.900	2104.000	997.900	2108.000	997.400	2130.000	999.300	2150.000	0.000	0.000	0.000
GR	1002.700	2183.000	1000.700	2187.000	1001.200	2210.000	1006.400	2225.000	1007.400	2262.000	0.000	0.000	0.000
GR	1007.400	2264.000	1000.000	2317.000	1009.000	2318.000	1010.000	2350.000	1025.000	2400.000	0.000	0.000	0.000
GR	1030.000	2620.000	1030.000	3020.000	1035.000	3240.000	1050.000	3320.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	104100.000	29.000	1970.000	2318.000	1.000	1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	-25.000	1950.000	1036.000	1025.000	1970.000	1036.200	1024.000	1971.000	1036.000	1032.200	0.000	0.000	0.000
BT	0.000	2025.000	1036.000	1232.100	2025.000	1036.100	1019.000	2027.000	1036.000	1019.000	0.000	0.000	0.000
BT	0.000	2027.000	1036.000	1032.100	2104.000	1035.900	1031.900	2104.000	1035.900	1037.900	0.000	0.000	0.000
BT	0.000	2108.000	1035.900	997.900	2108.000	1035.900	1031.900	2183.000	1035.800	1031.800	0.000	0.000	0.000
BT	0.000	2183.000	1035.800	1000.000	2187.000	1035.800	1000.700	2210.000	1035.800	1031.800	0.000	0.000	0.000
BT	0.000	2262.000	1035.600	1031.600	2262.000	1035.600	1007.400	2264.000	1035.600	1007.400	0.000	0.000	0.000
BT	0.000	2264.000	1035.600	1031.600	2317.000	1035.500	1031.500	2318.000	1035.500	1009.000	0.000	0.000	0.000
BT	0.000	2620.000	1035.000	0.000	3020.000	1044.000	0.000	3240.000	1049.000	0.000	0.000	0.000	0.000
BT	0.000	3320.000	1050.000	0.000	0.000	0.000	0.000	3320.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	104151.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	104152.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	104200.000	29.000	2053.000	2225.000	48.000	48.000	48.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1025.000	1950.000	1024.000	1970.000	1024.000	1971.000	1022.700	2053.000	1021.800	2016.000	0.000	0.000	0.000
GR	1019.000	2025.000	1019.000	2027.000	1014.500	2039.000	1012.700	2053.000	1008.200	2080.000	0.000	0.000	0.000
GR	999.000	2090.000	997.900	2104.000	997.900	2108.000	997.400	2130.000	999.300	2150.000	0.000	0.000	0.000
GR	1002.700	2183.000	1000.700	2187.000	1001.200	2210.000	1006.400	2225.000	1007.400	2262.000	0.000	0.000	0.000
GR	1007.400	2264.000	1000.000	2317.000	1009.000	2318.000	1010.000	2350.000	1025.000	2400.000	0.000	0.000	0.000
GR	1030.000	2620.000	1030.000	3020.000	1035.000	3240.000	1050.000	3320.000	0.000	0.000	0.000	0.000	0.000

NC	0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	104730.000	18.000	1053.000	1210.000	530.000	530.000	530.000	0.000	0.000	1040.000	1350.000
GR	1050.000	550.000	1035.000	660.000	1030.000	720.000	1025.000	760.000	1025.000	1000.000	1000.000
GR	1020.000	1030.000	1013.000	1053.000	1001.000	1075.000	1000.000	1080.000	990.000	1100.000	1100.000
GR	990.000	1160.000	1000.000	1200.000	1001.000	1210.000	1003.000	1225.000	1005.000	1400.000	1400.000
GR	1030.000	1470.000	1035.000	1600.000	1050.000	1970.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	1700.000	1960.000
X1	105610.000	19.000	1740.000	1947.000	880.000	880.000	880.000	0.000	0.000	0.000	0.000
GR	1050.000	750.000	1040.000	860.000	1035.000	1000.000	1035.000	1470.000	1030.000	1620.000	1620.000
GR	1025.000	1650.000	1015.000	1720.000	1006.600	1740.000	1000.000	1752.000	990.500	1760.000	1760.000
GR	999.700	1320.000	0.000	1840.000	990.000	1860.000	990.000	1900.000	1000.200	1920.000	1920.000
GR	1000.800	1940.000	1710.000	1947.000	1025.000	2003.000	1050.000	2060.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	1035.000	1350.000
X1	109600.000	17.000	1045.000	1209.000	3990.000	3990.000	3990.000	0.000	0.000	0.000	0.000
GR	1050.000	940.000	1225.000	1000.000	1011.500	1045.000	1003.400	1055.000	1003.000	1070.000	1070.000
GR	1002.800	1100.000	1001.700	1120.000	990.000	1140.000	1000.000	1200.000	1002.800	1203.000	1203.000
GR	1007.600	1209.000	1010.000	1220.000	1015.000	1370.000	1020.000	1390.000	1025.000	1400.000	1400.000
GR	1030.000	1490.000	1050.000	1650.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	1675.000	1950.000
X1	113600.000	24.000	1753.000	1942.000	4000.000	4000.000	4000.000	0.000	0.000	0.000	0.000
X4	1.000	1026.000	1030.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1050.000	300.000	1045.000	450.000	1040.000	900.000	1035.000	930.000	1030.000	980.000	980.000
GR	1030.000	1200.000	1035.000	1400.000	1035.000	1500.000	1030.000	1600.000	1025.000	1670.000	1670.000
GR	1020.000	1710.000	1010.400	1753.000	1006.700	1760.000	1006.400	1800.000	1005.700	1840.000	1840.000
GR	1003.100	1860.000	1000.300	1880.000	1200.300	1900.000	1000.000	1920.000	1000.000	1940.000	1940.000
GR	1000.400	1955.000	1006.000	1950.000	1010.600	1962.000	1030.000	2000.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	1710.000	1960.000
X1	115970.000	25.000	1753.000	1942.000	1500.000	2370.000	2370.000	0.000	0.000	0.000	0.000
GR	1050.000	480.000	1045.000	530.000	1040.000	560.000	1030.000	590.000	1025.000	650.000	650.000
GR	1025.000	1060.000	1030.000	1210.000	1035.000	1350.000	1035.000	1580.000	1030.000	1710.000	1710.000
GR	1025.000	1720.000	1010.400	1753.000	1007.000	1760.000	1007.000	1780.000	1006.700	1800.000	1800.000
GR	1006.500	1840.000	1004.900	1860.000	1002.100	1880.000	1001.800	1920.000	1001.900	1930.000	1930.000
GR	1002.200	1935.000	1007.100	1930.000	1010.600	1942.000	1025.000	1955.000	1050.000	1980.000	1980.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	1500.000	1950.000
X1	121140.000	29.000	1657.000	1935.000	5170.000	5170.000	5170.000	0.000	0.000	0.000	0.000
GR	1075.000	680.000	1050.000	900.000	1045.000	850.000	1040.000	1000.000	1035.000	1260.000	1260.000
GR	1030.000	1450.000	1025.000	1620.000	1019.900	1637.000	1015.400	1644.000	1015.200	1657.000	1657.000
GR	1010.800	1660.000	1011.000	1680.000	1012.400	1730.000	1012.200	1720.000	1012.200	1740.000	1740.000
GR	1011.800	1760.000	1010.800	1780.000	1010.800	1800.000	1008.800	1820.000	1009.300	1840.000	1840.000
GR	1009.800	1860.000	1011.200	1880.000	1011.800	1900.000	1011.800	1905.000	1013.300	1915.000	1915.000

GR	1025.200	1935.000	1020.000	1960.000	1040.100	2000.000	0.000	0.000	0.000	0.000
QT	6.000	14000.000	21000.000	25400.000	33800.000	25400.000	25400.000	0.000	0.000	0.000
ET	0.000	0.100	0.100	0.100	0.100	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1050.000	1350.000
		*** TOPO	SECTION USING	MCR-21	CHANNEL AS	GUIDE				
X1	123375.000	24.000	1093.000	1301.000	2235.000	2235.000	2235.000	0.000	0.000	0.000
X4	1.000	1025.000	1610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1045.000	960.000	1040.000	960.000	1035.000	1000.000	1030.000	1020.000	1025.800	1050.000
GR	1020.000	1093.000	1014.700	1102.000	1014.000	1110.000	1013.400	1130.000	1023.000	1150.000
GR	1012.600	1170.000	1011.600	1190.000	1010.600	1210.000	1010.300	1230.000	1011.300	1250.000
GR	1013.000	1270.000	1015.200	1286.000	1020.700	1290.000	1021.400	1301.000	1026.900	1306.000
GR	1034.900	1372.000	1035.000	1396.000	1040.000	1630.000	1045.000	1670.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1007.000	1350.000
X1	123427.000	24.000	1000.000	1396.000	52.000	52.000	52.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	1056.000	1052.000	0.000
X4	1.000	1025.000	1610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1045.000	920.000	1040.000	960.000	1035.000	1000.000	1030.000	1020.000	1025.800	1050.000
GR	1020.000	1093.000	1014.700	1102.000	1014.000	1110.000	1013.400	1130.000	1023.000	1150.000
GR	1012.600	1170.000	1011.600	1190.000	1010.600	1210.000	1010.300	1230.000	1011.300	1250.000
GR	1013.000	1270.000	1015.200	1286.000	1020.700	1290.000	1021.400	1301.000	1026.900	1306.000
GR	1034.900	1372.000	1035.000	1396.000	1040.000	1630.000	1045.000	1670.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1007.000	1350.000
X1	123428.000	33.000	1000.000	1396.000	1.000	1.000	1.000	0.000	0.000	0.000
BT	-22.000	1000.000	1056.000	1052.700	1051.000	1055.500	1052.200	1051.000	1055.500	1026.000
BT	0.000	1055.000	1055.500	1052.500	1053.000	1055.500	1052.200	1123.000	1054.700	1051.400
BT	0.000	1123.000	1054.700	1013.600	1125.000	1054.700	1013.600	1125.000	1054.700	1051.400
BT	0.000	1195.000	1054.000	1050.700	1195.000	1054.000	1011.500	1197.000	1054.000	1011.500
BT	0.000	1197.000	1054.000	1050.700	1267.000	1053.300	1050.000	1267.000	1053.300	1012.500
BT	0.000	1269.000	1053.300	1012.500	1269.000	1053.300	1050.000	1339.000	1052.600	1049.300
BT	0.000	1339.000	1052.600	1032.000	1341.000	1052.600	1032.000	1341.000	1052.600	1049.300
BT	0.000	1396.000	1011.200	1040.700	0.000	0.000	0.000	0.000	0.000	0.000
GR	1052.700	1000.000	1011.200	1005.000	1045.200	1020.000	1042.000	1030.000	1026.000	1051.000
GR	1026.000	1053.000	1022.300	1070.000	1018.600	1093.000	1014.700	1107.000	1014.000	1110.000
GR	1013.600	1123.000	1013.600	1125.000	1013.400	1130.000	1023.000	1150.000	1012.600	1170.000
GR	1012.600	1195.000	1011.500	1195.000	1011.500	1197.000	1011.000	1210.000	1011.200	1230.000
GR	1011.700	1250.000	1012.500	1267.000	1012.500	1269.000	1013.000	1270.000	1015.200	1286.000
GR	1020.700	1290.000	1021.400	1301.000	1030.100	1320.000	1032.000	1339.000	1032.000	1341.000
GR	1035.400	1370.000	1047.600	1395.000	1048.700	1396.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1007.000	1350.000
		*** SR 1147	*** MCR-20							
X1	123452.000	0.000	0.000	0.000	24.000	24.000	24.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
ET	0.000	9.100	0.100	9.100	0.100	0.000	0.000	0.000	1000.000	1500.000
X1	123453.000	21.000	1093.000	1301.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1055.000	1000.000	1025.000	1050.000	1020.000	1093.000	1014.700	1102.000	1014.000	1110.000
GR	1013.400	1130.000	1023.000	1150.000	1012.600	1170.000	1012.000	1190.000	1011.000	1210.000
GR	1011.200	1210.000	1011.700	1250.000	1013.000	1270.000	1015.200	1266.000	1020.700	1290.000
GR	1021.400	1301.000	1030.000	1400.000	1030.000	1500.000	1035.000	1550.000	1040.000	1600.000

GR	1045.000	1720.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.110	9.110	9.110	9.110	9.110	9.110	0.000	0.000
			*** SECTION MCR-21	OB'S FROM TOPO					1050.000	1430.000
X1	123500.000	0.000	0.000	0.000	0.000	47.000	47.000	47.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	***	SECTION	MCR-21	OB'S	FROM	TORO					
123500.00	20.10	1031.10	0.00	1027.14	1031.57	0.48	0.04	0.00	1020.00		
21000.	491.	19885.	623.	352.	3493.	567.	8419.	748.	1021.40		
3.19	1.39	5.69	1.10	0.120	0.050	0.120	0.000	1011.00	1050.00		
0.000505	47.	47.	47.	2	0	0	0.00	380.00	1430.00		



4



*** SECTION MCR-21 OB'9 FROM TOPC									
123500.00	22.35	1033.35	0.00	1127.14	1033.86	0.51	0.04	0.01	1020.00
25400.	687.	23587.	1125.	449.	3961.	857.	9851.	821.	1021.40
3.014	1.53	11.95	1.71	1.120	0.050	0.120	0.000	1011.00	1050.00
0.000837	47.	47.	47.	2	0	0	0.00	380.00	1430.00

6



THIS RUN EXECUTED 14 FEB 85 7:24:40

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HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
ERROR CORR - 01,02,03,04,05,06  
MODIFICATION - 50,51,52,53,54,55  
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NOTE - ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

CATAWBA RIVER  
SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
69560.000	1000.50	1000.57	981.00	0.00	0.00	881.60	1.12
69560.000	1002.90	1003.02	981.00	0.00	0.00	889.28	1.72
69560.000	1003.90	1004.05	981.00	0.00	0.00	892.48	2.01
69560.000	1006.10	1006.30	981.00	0.00	0.00	908.32	2.45
69561.000	1000.50	1000.57	981.00	0.00	0.00	881.60	1.12
69561.000	1002.90	1003.02	981.00	0.00	0.00	889.28	1.72
69561.000	1003.90	1004.05	981.00	0.00	0.00	892.48	2.01
69561.000	1006.10	1006.31	981.00	0.00	0.00	908.32	2.45
69562.000	1000.50	1000.57	981.00	0.00	0.00	881.60	1.12
69562.000	1002.90	1003.02	981.00	0.00	0.00	889.28	1.72
69562.000	1003.90	1004.05	981.00	0.00	0.00	892.48	2.01
69562.000	1006.10	1006.31	981.00	0.00	0.00	908.33	2.45
69565.000	1000.50	1000.57	981.00	0.00	0.00	881.60	1.12
69565.000	1002.90	1003.02	981.00	0.00	0.00	889.28	1.72
69565.000	1003.90	1004.05	981.00	0.00	0.00	892.48	2.00
69565.000	1006.10	1006.31	981.00	0.00	0.00	908.33	2.44
69570.000	1000.50	1000.57	981.00	0.00	0.00	881.60	1.12
69570.000	1002.90	1003.02	981.00	0.00	0.00	889.29	1.71
69570.000	1003.90	1004.05	981.00	0.00	0.00	892.49	2.00
69570.000	1006.10	1006.31	981.00	0.00	0.00	908.35	2.44
69580.000	1000.50	1000.57	981.00	0.00	0.00	881.61	1.12
69580.000	1002.90	1003.02	981.00	0.00	0.00	889.29	1.71
69580.000	1003.90	1004.05	981.00	0.00	0.00	892.49	2.00
69580.000	1006.10	1006.31	981.00	0.00	0.00	908.38	2.44
69600.000	1000.50	1000.57	981.00	0.00	0.00	881.61	1.12
69600.000	1003.91	1004.06	981.00	0.00	0.00	892.51	2.00
69600.000	1006.11	1006.31	981.00	0.00	0.00	908.43	2.44

SECNO	CWSEL	EG	ELMIN	ELLG	CLASS	TOPWID	10K+S
69660.000	1002.51	1003.58	981.10	0.00	0.00	885.32	1.14
69660.000	1002.92	1003.04	981.10	0.00	0.00	889.22	1.74
69660.000	1003.12	1004.07	981.10	0.00	0.00	892.22	2.03
69660.000	1006.12	1006.33	981.10	0.00	0.00	907.48	2.47
70730.000	1000.63	1000.83	982.50	0.00	0.00	487.08	3.01
70730.000	1003.08	1003.44	982.50	0.00	0.00	497.91	3.42
70730.000	1004.10	1004.54	982.50	0.00	0.00	502.42	3.28
70730.000	1006.31	1006.92	982.50	0.00	0.00	517.46	3.58
72800.000	1001.52	1001.70	985.00	0.00	0.00	574.87	5.78
72800.000	1004.55	1004.78	985.00	0.00	0.00	583.92	5.28
72800.000	1005.55	1006.05	985.00	0.00	0.00	593.21	5.28
72800.000	1008.02	1009.66	985.00	0.00	0.00	625.02	5.26
74040.000	1002.30	1002.58	986.40	0.00	0.00	778.93	6.93
74040.000	1003.34	1003.52	986.40	0.00	0.00	804.20	7.66
74040.000	1006.64	1007.06	986.40	0.00	0.00	880.53	7.99
74040.000	1009.26	1009.76	986.40	0.00	0.00	913.27	8.14
75650.000	1003.30	1003.53	987.10	0.00	0.00	648.13	5.88
75650.000	1006.46	1006.79	987.10	0.00	0.00	679.73	5.85
75650.000	1007.81	1008.19	987.10	0.00	0.00	699.47	6.24
75650.000	1010.48	1010.95	987.10	0.00	0.00	713.65	6.81
77820.000	1004.38	1004.64	987.00	0.00	0.00	679.59	5.16
77820.000	1007.71	1008.08	987.00	0.00	0.00	728.57	5.33
77820.000	1009.13	1009.58	987.00	0.00	0.00	739.39	5.12
77820.000	1011.91	1012.52	987.00	0.00	0.00	768.49	5.54
78610.000	1004.51	1005.03	988.00	0.00	0.00	695.85	4.65
78610.000	1008.31	1009.11	988.00	0.00	0.00	735.22	5.11
78610.000	1012.48	1012.98	988.00	0.00	0.00	784.79	5.66
79530.000	1005.26	1005.63	988.00	0.00	0.00	517.40	7.46
79530.000	1008.06	1008.48	988.00	0.00	0.00	561.99	8.29
79530.000	1010.14	1010.71	988.00	0.00	0.00	579.80	8.61
79530.000	1012.06	1013.67	988.00	0.00	0.00	615.94	9.16
80550.000	1006.44	1006.93	989.00	0.00	0.00	458.77	8.10
80550.000	1011.00	1011.67	989.00	0.00	0.00	489.27	8.59
80550.000	1013.89	1014.70	989.00	0.00	0.00	528.94	10.27
81970.000	1007.08	1007.59	989.00	0.00	0.00	416.89	9.10
81970.000	1010.21	1011.15	989.00	0.00	0.00	449.82	10.17
81970.000	1012.06	1013.15	989.00	0.00	0.00	453.85	10.64
81970.000	1015.32	1016.31	989.00	0.00	0.00	485.14	11.40

SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
824200.0000	1007.68	1008.86	986.00	0.00	0.00	409.71	7.23
824200.0000	1011.27	1011.93	986.00	0.00	0.00	429.63	8.57
824200.0000	1012.85	1013.66	986.00	0.00	0.00	437.33	9.16
824200.0000	1015.84	1016.79	986.00	0.00	0.00	452.04	10.19
824800.0000	1007.71	1008.13	983.00	0.00	0.00	410.34	5.63
824800.0000	1011.39	1011.98	983.00	0.00	0.00	430.19	7.00
824800.0000	1012.98	1013.66	983.00	0.00	0.00	437.97	7.59
824800.0000	1015.98	1016.86	983.00	0.00	0.00	452.73	8.63
82527.0000	1007.89	1008.14	979.70	0.00	0.00	372.74	5.35
82527.0000	1011.68	1012.03	979.70	0.00	0.00	379.65	5.89
82527.0000	1013.39	1013.73	979.70	0.00	0.00	383.05	6.17
82527.0000	1016.39	1016.93	979.70	0.00	0.00	388.94	6.69
82528.0000	1007.89	1008.15	979.70	1020.40	0.00	372.74	8.95
82528.0000	1011.66	1012.04	979.70	1020.40	0.00	379.94	10.67
82528.0000	1013.29	1013.73	979.70	1020.40	0.00	383.04	11.54
82528.0000	1016.38	1016.94	979.70	1020.40	0.00	388.93	13.24
82552.0000	1007.91	1008.17	979.70	1020.40	0.00	372.75	8.93
82552.0000	1011.91	1012.07	979.70	1020.40	0.00	379.96	10.63
82552.0000	1013.32	1013.76	979.70	1020.40	0.00	383.06	11.52
82552.0000	1016.41	1016.97	979.70	1020.40	0.00	388.95	13.27
82553.0000	1007.92	1008.17	979.70	0.00	0.00	372.78	5.32
82553.0000	1011.71	1012.07	979.70	0.00	0.00	380.02	5.85
82553.0000	1013.35	1013.76	979.70	0.00	0.00	383.13	6.13
82553.0000	1016.45	1016.98	979.70	0.00	0.00	389.04	6.64
82654.0000	1007.95	1008.25	982.80	0.00	0.00	334.61	6.26
82654.0000	1011.74	1012.17	982.80	0.00	0.00	346.78	7.06
82654.0000	1013.36	1013.86	982.80	0.00	0.00	352.01	7.44
82654.0000	1016.44	1017.09	982.80	0.00	0.00	361.96	8.12
82655.0000	1007.94	1008.26	982.80	1041.70	0.00	334.58	11.27
82655.0000	1011.71	1012.18	982.80	1041.70	0.00	346.70	13.03
82655.0000	1013.33	1013.88	982.80	1041.70	0.00	351.92	15.06
82655.0000	1016.42	1017.12	982.80	1041.70	0.00	361.84	17.39
82685.0000	1007.97	1008.29	982.80	1041.70	0.00	334.64	11.23
82685.0000	1011.76	1012.33	982.80	1041.70	0.00	346.82	13.76
82685.0000	1013.38	1013.93	982.80	1041.70	0.00	352.05	14.97
82685.0000	1016.47	1017.17	982.80	1041.70	0.00	361.99	17.29
82686.0000	1008.01	1008.32	982.80	0.00	0.00	334.77	6.20
82686.0000	1011.80	1012.33	982.80	0.00	0.00	346.99	7.08
82686.0000	1013.44	1013.93	982.80	0.00	0.00	352.25	7.35
82686.0000	1016.55	1017.18	982.80	0.00	0.00	362.26	8.02

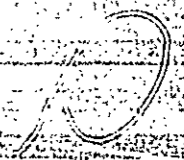
SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*5
82733	1008.81	1008.34	985.00	0.00	0.00	420.17	5.14
82733	1011.79	1012.29	985.00	0.00	0.00	445.55	6.16
82733	1013.42	1014.00	985.00	0.00	0.00	453.03	6.61
82735	1016.52	1017.26	985.00	0.00	0.00	467.24	7.39
82785	1008.88	1008.37	987.00	0.00	0.00	525.55	5.11
82785	1011.91	1012.33	987.00	0.00	0.00	546.50	5.82
82785	1013.56	1014.34	987.00	0.00	0.00	555.54	6.13
82785	1016.71	1017.31	987.00	0.00	0.00	572.74	6.66
83210	1008.38	1008.54	988.70	0.00	0.00	675.27	2.61
83210	1012.31	1012.51	988.70	0.00	0.00	779.62	2.71
83210	1014.00	1014.24	988.70	0.00	0.00	885.03	2.88
83210	1017.24	1017.52	988.70	0.00	0.00	944.66	3.00
83840	1008.50	1008.85	988.70	0.00	0.00	412.24	6.00
83840	1012.40	1012.77	988.70	0.00	0.00	450.05	6.34
83840	1014.60	1014.82	988.70	0.00	0.00	515.44	6.80
83840	1017.30	1017.95	988.70	0.00	0.00	544.67	7.18
85640	1009.52	1009.84	989.20	0.00	0.00	714.34	5.04
85640	1013.30	1013.33	989.20	0.00	0.00	1122.02	4.67
85640	1015.28	1015.63	989.20	0.00	0.00	1122.51	4.54
85640	1018.60	1018.94	989.20	0.00	0.00	1172.36	4.11
90800	1011.51	1011.76	990.70	0.00	0.00	785.46	3.85
90800	1015.47	1015.84	990.70	0.00	0.00	107.41	4.43
90800	1017.35	1017.31	990.70	0.00	0.00	1091.53	4.31
90800	1020.40	1020.97	990.70	0.00	0.00	1117.57	4.06
92570	1012.69	1013.15	990.92	0.00	0.00	285.41	7.06
92570	1016.78	1017.11	990.92	0.00	0.00	1007.34	6.89
92570	1018.65	1019.08	990.92	0.00	0.00	1045.43	5.99
92570	1021.88	1022.21	990.92	0.00	0.00	1068.13	4.55
95800	1014.30	1014.50	991.10	0.00	0.00	336.20	2.66
95800	1018.40	1018.70	991.10	0.00	0.00	445.62	3.05
95800	1020.18	1020.52	991.10	0.00	0.00	490.65	3.40
95800	1023.17	1023.61	991.10	0.00	0.00	521.27	3.93
96540	1014.50	1014.70	991.20	0.00	0.00	364.57	3.30
96540	1018.40	1018.80	991.20	0.00	0.00	474.55	3.85
96540	1023.45	1023.96	991.20	0.00	0.00	538.20	4.70
96591	1014.56	1014.75	990.50	0.00	0.00	314.66	3.57
96591	1018.77	1019.04	990.50	0.00	0.00	324.73	3.78
96591	1020.52	1020.84	990.50	0.00	0.00	330.02	4.14
96591	1023.56	1023.99	990.50	0.00	0.00	336.47	4.74

SECNO	CINSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K+S
96592.000	1014.55	1014.76	998.50	1043.70	0.00	463.08	7.03
96592.000	1020.50	1020.86	998.50	1043.70	0.00	620.20	8.31
96592.000	1023.53	1024.01	998.50	1043.70	0.00	932.62	11.58
96648.000	1014.59	1014.80	998.50	1043.70	0.00	463.87	7.00
96648.000	1018.80	1019.10	998.50	1043.70	0.00	621.44	8.28
96648.000	1023.55	1024.01	998.50	1043.70	0.00	708.41	9.42
96648.000	1023.60	1024.07	998.50	1043.70	0.00	937.69	11.49
96649.000	1014.61	1014.80	998.50	0.00	0.00	314.73	3.53
96649.000	1018.83	1019.10	998.50	0.00	0.00	324.89	3.75
96649.000	1020.59	1020.91	998.50	0.00	0.00	329.20	4.10
96649.000	1023.65	1024.08	998.50	0.00	0.00	336.70	4.68
96700.000	1014.47	1014.84	991.10	0.00	0.00	374.03	3.26
96700.000	1019.07	1019.14	991.10	0.00	0.00	419.40	3.64
96700.000	1024.07	1024.96	991.10	0.00	0.00	425.25	4.02
96700.000	1024.63	1024.13	991.10	0.00	0.00	435.44	4.63
96700.000	1015.07	1015.32	993.30	0.00	0.00	320.62	3.43
96700.000	1019.34	1019.68	993.30	0.00	0.00	392.02	3.82
96700.000	1021.15	1021.55	993.30	0.00	0.00	423.53	4.19
96700.000	1024.29	1024.81	993.30	0.00	0.00	656.73	4.77
102830.000	1017.03	1017.33	998.70	0.00	0.00	296.49	5.62
102830.000	1021.38	1021.75	998.70	0.00	0.00	424.98	5.23
102830.000	1023.36	1023.81	998.70	0.00	0.00	477.01	5.60
102830.000	1026.71	1027.19	998.70	0.00	0.00	1763.22	5.45
104055.000	1017.73	1018.02	997.40	0.00	0.00	309.61	5.64
104055.000	1022.04	1022.40	997.40	0.00	0.00	329.18	5.35
104055.000	1024.06	1024.51	997.40	0.00	0.00	371.20	5.80
104055.000	1027.38	1027.95	997.40	0.00	0.00	390.00	6.33
104108.000	1017.84	1018.06	997.40	0.00	0.00	287.89	5.08
104108.000	1022.16	1022.44	997.40	0.00	0.00	308.48	4.70
104108.000	1024.22	1024.55	997.40	0.00	0.00	348.00	5.53
104108.000	1027.59	1027.99	997.40	0.00	0.00	348.00	5.37
104109.000	1017.82	1018.07	997.40	1032.20	0.00	345.98	8.54
104109.000	1022.15	1022.45	997.40	1032.20	0.00	380.88	8.59
104109.000	1024.24	1024.56	997.40	1032.20	0.00	431.71	10.16
104109.000	1027.57	1028.01	997.40	1032.20	0.00	563.16	10.77
104151.000	1017.86	1018.10	997.40	1032.20	0.00	346.11	8.50
104151.000	1022.19	1022.49	997.40	1032.20	0.00	381.31	8.57
104151.000	1024.25	1024.60	997.40	1032.20	0.00	432.40	10.71
104151.000	1027.62	1028.05	997.40	1032.20	0.00	564.94	10.71

SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*S
104152.0000	1017.88	1018.11	997.40	0.00	0.00	288.03	5.02
104152.0000	1022.22	1022.49	997.40	0.00	0.00	309.40	4.67
104152.0000	1024.29	1024.61	997.40	0.00	0.00	348.00	5.46
104152.0000	1027.66	1028.06	997.40	0.00	0.00	348.00	5.31
104200.0000	1017.87	1018.16	997.40	0.00	0.00	319.99	5.47
104200.0000	1022.19	1022.55	997.40	0.00	0.00	330.87	5.22
104200.0000	1024.24	1024.68	997.40	0.00	0.00	374.87	5.64
104200.0000	1027.59	1028.15	997.40	0.00	0.00	390.00	6.15
104730.0000	1018.23	1018.41	999.00	0.00	0.00	401.23	3.81
104730.0000	1022.56	1022.79	999.00	0.00	0.00	434.57	3.72
104730.0000	1024.67	1024.95	999.00	0.00	0.00	453.10	4.04
104730.0000	1028.10	1028.44	999.00	0.00	0.00	729.47	4.33
105610.0000	1018.53	1018.75	999.00	0.00	0.00	294.45	3.51
105610.0000	1022.97	1023.34	999.00	0.00	0.00	331.52	3.60
105610.0000	1028.41	1028.88	999.00	0.00	0.00	349.75	3.99
105610.0000	1028.41	1028.88	999.00	0.00	0.00	378.61	4.45
109600.0000	1020.14	1020.42	999.60	0.00	0.00	374.06	4.91
109600.0000	1024.40	1024.80	999.60	0.00	0.00	397.13	4.71
109600.0000	1026.71	1027.11	999.60	0.00	0.00	434.98	4.93
109600.0000	1030.31	1030.80	999.60	0.00	0.00	505.27	5.19
113600.0000	1021.07	1022.10	1000.00	0.00	0.00	289.07	3.60
113600.0000	1026.17	1026.47	1000.00	0.00	0.00	348.49	3.70
113600.0000	1028.51	1028.97	1000.00	0.00	0.00	513.98	3.92
113600.0000	1032.21	1032.64	1000.00	0.00	0.00	774.70	4.08
115970.0000	1022.81	1023.11	1001.80	0.00	0.00	228.07	4.86
115970.0000	1027.11	1027.49	1001.80	0.00	0.00	739.96	4.91
115970.0000	1029.48	1029.89	1001.80	0.00	0.00	846.52	4.72
115970.0000	1033.18	1033.61	1001.80	0.00	0.00	990.64	4.42
121140.0000	1025.48	1025.79	1008.80	0.00	0.00	333.09	5.17
121140.0000	1029.63	1029.90	1008.80	0.00	0.00	499.72	4.49
121140.0000	1031.94	1032.24	1008.80	0.00	0.00	594.20	4.37
121140.0000	1035.49	1035.85	1008.80	0.00	0.00	749.11	4.22
123375.0000	1026.95	1027.36	1010.60	0.00	0.00	264.68	10.68
123375.0000	1030.00	1030.40	1010.60	0.00	0.00	338.38	9.50
123375.0000	1033.12	1033.68	1010.60	0.00	0.00	413.62	8.89
123375.0000	1036.60	1037.24	1010.60	0.00	0.00	512.83	8.42
123427.0000	1027.06	1027.43	1010.60	0.00	0.00	266.36	11.71
123427.0000	1031.05	1031.46	1010.60	0.00	0.00	324.41	10.85
123427.0000	1033.31	1033.74	1010.60	0.00	0.00	352.18	9.94
123427.0000	1036.84	1037.31	1010.60	0.00	0.00	396.00	9.06



SECNO	CWSEL	EG	ELMIN	ELLC	CLASS	TOPWID	10K*5
123428.0000	1027.05	1027.44	1011.00	1052.70	0.00	263.74	18.21
123428.0000	1033.27	1033.77	1011.00	1052.70	0.00	284.76	17.21
123428.0000	1036.78	1037.35	1011.00	1052.70	0.00	310.41	17.15
123428.0000	1036.78	1037.35	1011.00	1052.70	0.00	335.99	17.26
123452.0000	1027.09	1027.48	1011.00	1052.70	0.00	263.84	18.08
123452.0000	1033.26	1033.52	1011.00	1052.70	0.00	285.14	17.11
123452.0000	1033.26	1033.81	1011.00	1052.70	0.00	310.79	17.04
123452.0000	1036.63	1037.39	1011.00	1052.70	0.00	336.12	17.16
123453.0000	1027.09	1027.49	1011.00	0.00	0.00	318.79	10.58
123453.0000	1033.26	1033.53	1011.00	0.00	0.00	459.01	9.04
123453.0000	1033.26	1033.51	1011.00	0.00	0.00	462.87	8.22
123453.0000	1036.83	1037.39	1011.00	0.00	0.00	468.89	7.65
123500.0000	1027.14	1027.54	1011.00	0.00	0.00	317.18	10.43
123500.0000	1033.10	1033.57	1011.00	0.00	0.00	380.00	9.05
123500.0000	1033.35	1033.86	1011.00	0.00	0.00	380.00	8.37
123500.0000	1036.84	1037.45	1011.00	0.00	0.00	380.00	8.04



CATANBA RIVER  
SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	QCH	QROE	VLOB	VCH	VROB
69560.0000	1000.50	743.41	19841.20	1415.39	0.58	2.19	0.62
69560.0000	1002.90	1371.83	30133.02	2495.16	0.82	2.95	0.87
69560.0000	1003.90	1712.98	35221.15	3065.87	0.93	3.29	0.99
69560.0000	1006.10	2510.88	45633.51	4355.61	1.13	3.87	1.21
69561.0000	1000.50	743.41	19841.09	1415.48	0.58	2.19	0.62
69561.0000	1002.90	1371.94	30132.98	2495.18	0.82	2.95	0.87
69561.0000	1003.90	1713.80	35221.11	3065.89	0.93	3.29	0.99
69561.0000	1006.10	2510.90	45633.45	4355.64	1.13	3.87	1.21
69562.0000	1000.50	743.42	19841.17	1415.41	0.58	2.19	0.62
69562.0000	1002.90	1371.86	30132.95	2495.20	0.82	2.95	0.87
69562.0000	1003.90	1713.82	35221.04	3065.92	0.93	3.29	0.99
69562.0000	1006.10	2510.93	45633.39	4355.68	1.13	3.87	1.21
69565.0000	1000.50	743.44	19841.12	1415.44	0.58	2.19	0.62
69565.0000	1002.90	1371.90	30132.84	2495.25	0.82	2.95	0.87
69565.0000	1003.90	1713.88	35220.93	3065.95	0.93	3.29	0.99
69565.0000	1006.10	2511.02	45633.20	4355.78	1.13	3.87	1.21
69570.0000	1000.50	743.48	19841.03	1415.40	0.58	2.19	0.62
69570.0000	1002.90	1371.98	30132.67	2495.35	0.82	2.95	0.87
69570.0000	1003.90	1713.17	35220.71	3065.12	0.93	3.29	0.99
69570.0000	1006.10	2511.16	45632.89	4355.95	1.13	3.87	1.21
69580.0000	1000.50	743.55	19840.85	1415.60	0.58	2.19	0.62
69580.0000	1002.90	1372.13	30132.32	2495.55	0.82	2.95	0.87
69580.0000	1003.90	1713.37	35220.26	3065.37	0.93	3.29	0.99
69580.0000	1006.10	2511.44	45632.27	4355.29	1.13	3.87	1.21
69600.0000	1000.50	743.70	19840.50	1415.80	0.58	2.19	0.62
69600.0000	1002.91	1372.42	30131.62	2495.95	0.82	2.95	0.87
69600.0000	1003.91	1713.76	35219.36	3065.88	0.93	3.29	0.99
69600.0000	1006.11	2512.00	45631.02	4355.98	1.13	3.87	1.21
69660.0000	1000.51	737.70	19855.11	1407.18	0.58	2.20	0.62
69660.0000	1002.92	1364.63	30116.80	2485.57	0.82	2.96	0.88
69660.0000	1003.92	1705.28	35230.77	3055.95	0.93	3.30	1.00
69660.0000	1006.12	2502.30	45652.54	4345.16	1.13	3.88	1.21
70730.0000	1000.63	1744.51	20204.82	50.67	1.14	3.77	0.63
70730.0000	1003.08	3045.42	30846.80	107.98	1.57	5.04	0.88
70730.0000	1004.18	3735.53	36127.70	141.77	1.77	5.61	1.00
70730.0000	1006.31	5301.87	46968.40	229.73	2.11	6.60	1.21

SECO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
72800.000	1001.52	1229.18	18525.57	2240.25	1.16	6.58	1.43
72800.000	1004.35	2392.52	27777.65	3820.44	1.60	5.93	1.89
72800.000	1005.55	3026.52	32322.04	4651.44	1.79	6.26	2.09
72800.000	1006.02	4496.33	41564.82	6438.85	2.10	7.16	2.44
74040.000	1002.30	1397.29	17964.83	2037.88	0.79	4.59	1.27
74040.000	1005.34	1224.35	25820.53	5455.12	1.10	5.45	1.61
74040.000	1006.64	1774.22	20430.69	6795.89	1.26	5.83	1.75
74040.000	1009.26	3137.77	37359.84	9802.38	1.55	6.45	2.00
75650.000	1003.30	2979.79	17708.34	619.87	1.23	4.16	1.08
75650.000	1006.46	5305.16	25977.93	1216.91	1.58	5.00	1.39
75650.000	1007.91	6554.85	30002.13	1553.82	1.74	5.50	1.52
75650.000	1010.48	9336.96	38622.98	2342.86	2.02	6.23	1.76
77820.000	1004.38	581.16	19567.86	1157.98	1.02	4.31	0.88
77820.000	1007.71	1212.77	38394.43	2892.88	1.32	5.19	1.20
77820.000	1009.13	1570.29	32712.89	3916.11	1.45	5.57	1.36
77820.000	1011.91	2408.44	41583.27	6308.28	1.67	6.26	1.64
78610.000	1004.81	831.51	19037.51	1430.98	0.83	3.96	1.06
78610.000	1008.21	1962.38	27777.64	2761.98	1.17	4.74	1.35
78610.000	1009.66	2593.98	32109.73	3496.29	1.32	5.00	1.47
78610.000	1012.48	4047.26	41075.83	5176.91	1.58	5.72	1.68
79530.000	1005.26	1282.89	19914.72	102.39	1.07	4.98	1.00
79530.000	1008.68	3013.02	29237.59	249.39	1.46	5.98	1.29
79530.000	1010.14	4009.46	33858.61	739.93	1.62	6.43	1.41
79530.000	1012.96	6349.36	43385.76	565.38	1.91	7.23	1.63
80550.000	1006.04	1907.77	19273.66	113.58	1.37	5.29	1.13
80550.000	1009.53	3813.69	38419.40	265.92	1.78	6.39	1.46
80550.000	1011.02	4873.96	32971.12	354.92	1.95	6.88	1.60
80550.000	1013.09	7503.58	42429.11	567.31	2.26	7.79	1.84
81970.000	1007.20	195.41	20428.01	676.59	1.27	5.72	1.15
81970.000	1010.81	425.52	30188.27	1886.21	1.59	6.92	1.54
81970.000	1012.36	569.87	34099.05	2638.82	1.72	7.44	1.74
81970.000	1015.32	895.34	44952.24	4452.42	1.97	8.39	2.10
82420.000	1007.60	102.54	19652.89	1544.56	1.00	5.61	1.23
82420.000	1011.27	257.94	28768.78	3473.29	1.36	6.87	1.71
82420.000	1012.85	361.03	33269.01	4569.96	1.55	7.43	1.92
82420.000	1015.84	611.69	42595.39	7092.92	1.89	8.47	2.31
82480.000	1007.71	93.13	19806.65	1400.22	0.89	5.21	1.09
82480.000	1011.39	238.90	29001.17	3190.93	1.24	6.48	1.55
82480.000	1012.98	336.14	33627.85	4234.91	1.42	7.04	1.76
82480.000	1015.98	574.49	43087.07	6638.44	1.75	8.08	2.14

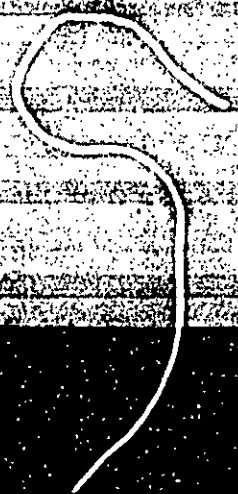
SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
82527	1007.89	0.00	21300.00	0.00	0.00	3.99	0.00
82527	1011.89	0.00	32500.00	0.00	0.00	4.80	0.00
82527	1013.89	0.00	38200.00	0.00	0.00	5.17	0.00
82527	1016.39	0.00	50300.00	0.00	0.00	5.86	0.00
82528	1007.89	0.00	21300.00	0.00	0.00	4.10	0.00
82528	1011.89	0.00	32500.00	0.00	0.00	4.94	0.00
82528	1013.89	0.00	38200.00	0.00	0.00	5.32	0.00
82528	1016.38	0.00	50300.00	0.00	0.00	6.03	0.00
82552	1007.91	0.00	21300.00	0.00	0.00	4.10	0.00
82552	1011.91	0.00	32500.00	0.00	0.00	4.94	0.00
82552	1013.91	0.00	38200.00	0.00	0.00	5.32	0.00
82552	1016.41	0.00	50300.00	0.00	0.00	6.03	0.00
82553	1007.92	0.00	21300.00	0.00	0.00	3.98	0.00
82553	1011.92	0.00	32500.00	0.00	0.00	4.79	0.00
82553	1013.92	0.00	38200.00	0.00	0.00	5.16	0.00
82553	1016.45	0.00	50300.00	0.00	0.00	5.85	0.00
82654	1007.95	0.00	21300.00	0.00	0.00	4.35	0.00
82654	1011.95	0.00	32500.00	0.00	0.00	5.26	0.00
82654	1013.95	0.00	38200.00	0.00	0.00	5.66	0.00
82654	1016.46	0.00	50300.00	0.00	0.00	6.41	0.00
82655	1007.74	0.00	21300.00	0.00	0.00	4.56	0.00
82655	1011.74	0.00	32500.00	0.00	0.00	5.51	0.00
82655	1013.74	0.00	38200.00	0.00	0.00	5.93	0.00
82655	1016.42	0.00	50300.00	0.00	0.00	6.71	0.00
82668	1007.97	0.00	21300.00	0.00	0.00	4.56	0.00
82668	1011.97	0.00	32500.00	0.00	0.00	5.50	0.00
82668	1013.97	0.00	38200.00	0.00	0.00	5.92	0.00
82668	1016.47	0.00	50300.00	0.00	0.00	6.70	0.00
82669	1008.01	0.00	21300.00	0.00	0.00	4.34	0.00
82669	1011.01	0.00	32500.00	0.00	0.00	5.24	0.00
82669	1013.01	0.00	38200.00	0.00	0.00	5.64	0.00
82669	1016.55	0.00	50300.00	0.00	0.00	6.38	0.00
82775	1008.01	1.70	19001.65	5.00	1.13	4.81	0.84
82775	1011.01	2.65	29457.00	10.00	1.53	5.83	1.29
82775	1013.01	3.40	34157.00	12.00	1.71	6.43	1.48
82775	1016.52	3.24	43934.35	11.80	2.02	7.35	1.84
82778	1008.08	2.10	18567.06	5.44	1.45	4.67	0.76
82778	1011.08	3.75	27096.73	10.49	1.80	5.65	1.19
82778	1013.08	4.57	31312.35	13.07	1.95	6.08	1.37
82778	1016.71	6.39	40949.48	18.53	2.23	6.88	1.70

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
00000000000000000000	10000000000000000000	518.19	17289.66	192.14	0.49	3.29	0.64
00000000000000000000	10010000000000000000	26007.70	24425.66	26007.71	0.73	4.85	0.83
00000000000000000000	10014000000000000000	28479.78	28488.82	832.21	1.86	4.13	1.03
03210000000000000000	10170000000000000000	5212.28	35997.14	990.58	1.06	4.60	1.22
00000000000000000000	10000000000000000000	2306.17	16023.30	114.83	1.04	4.92	0.79
00000000000000000000	10010000000000000000	2338.17	24052.03	366.25	1.35	6.76	1.15
00000000000000000000	10014000000000000000	2322.45	28139.15	536.29	1.52	6.26	1.32
00000000000000000000	10017000000000000000	5337.58	35718.14	944.29	1.80	7.00	1.57
00000000000000000000	10009000000000000000	424.88	17509.88	66.13	0.57	4.65	0.73
00000000000000000000	10013000000000000000	332.55	23206.26	161.70	0.91	5.09	0.89
00000000000000000000	10015000000000000000	333.33	25942.22	221.83	1.08	5.27	0.95
00000000000000000000	10018000000000000000	1136.11	30481.40	356.44	1.34	5.46	1.03
00000000000000000000	10011000000000000000	100.71	17341.10	558.13	0.74	4.13	1.47
00000000000000000000	10013000000000000000	227.55	25400.82	108.43	0.90	5.03	1.75
00000000000000000000	10017000000000000000	413.18	33007.76	160.90	1.08	5.51	1.39
00000000000000000000	10020000000000000000	491.13	37368.13	340.75	1.22	6.06	1.15
00000000000000000000	10012000000000000000	654.41	17186.88	178.71	1.36	5.56	1.12
00000000000000000000	10018000000000000000	294.22	23291.99	566.34	0.84	6.23	1.43
00000000000000000000	10010000000000000000	1479.22	26225.52	789.33	0.99	6.11	1.58
00000000000000000000	10021000000000000000	655.41	26204.61	1202.98	1.21	5.77	1.54
00000000000000000000	10014000000000000000	119.21	17818.85	61.94	0.60	3.56	0.64
00000000000000000000	10018000000000000000	606.97	26014.90	178.13	0.89	4.31	0.87
00000000000000000000	10020000000000000000	1336.91	30704.52	258.57	1.02	4.76	1.00
00000000000000000000	10023000000000000000	2266.72	39484.52	448.75	1.35	5.50	1.21
00000000000000000000	10014000000000000000	842.55	17017.90	139.55	1.07	3.96	0.89
00000000000000000000	10018000000000000000	1979.15	24452.39	368.46	1.51	4.73	1.22
00000000000000000000	10020000000000000000	2659.67	28321.09	519.24	1.74	5.29	1.30
00000000000000000000	10023000000000000000	4088.59	37246.29	855.12	2.14	6.03	1.67
00000000000000000000	10014000000000000000	0.00	18000.00	0.00	0.00	3.53	0.00
00000000000000000000	10018000000000000000	0.00	26800.00	0.00	0.00	4.16	0.00
00000000000000000000	10020000000000000000	0.00	32000.00	0.00	0.00	4.56	0.00
00000000000000000000	10023000000000000000	0.00	42200.00	0.00	0.00	5.26	0.00
00000000000000000000	10014000000000000000	13.04	17986.96	0.00	0.18	3.71	0.00
00000000000000000000	10018000000000000000	13.57	26786.43	0.00	0.18	4.37	0.00
00000000000000000000	10020000000000000000	14.48	31985.53	0.00	0.19	4.79	0.00
00000000000000000000	10023000000000000000	16.01	42183.99	0.00	0.21	5.53	0.00
00000000000000000000	10014000000000000000	12.97	17987.02	0.00	0.17	3.70	0.00
00000000000000000000	10018000000000000000	13.54	26786.46	0.00	0.18	4.36	0.00
00000000000000000000	10020000000000000000	14.45	31985.55	0.00	0.19	4.78	0.00
00000000000000000000	10023000000000000000	15.95	42184.05	0.00	0.21	5.51	0.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
96649.000	1014.61	0.00	18000.00	0.00	0.00	3.52	0.00
96649.000	1018.83	0.00	26800.00	0.00	0.00	4.15	0.00
96649.000	1020.59	0.00	32000.00	0.00	0.00	4.55	0.00
96649.000	1023.65	0.00	42200.00	0.00	0.00	5.24	0.00
96700.000	1014.60	624.24	17031.57	343.89	1.07	3.99	0.88
96700.000	1018.82	1494.58	24402.24	603.19	1.39	4.77	1.24
96700.000	1020.57	2099.32	28642.17	1258.50	1.61	5.24	1.43
96700.000	1023.63	3399.97	36751.99	2048.03	1.99	6.04	1.74
98120.000	1015.07	268.55	17228.70	502.75	1.14	4.01	1.06
98120.000	1019.34	648.38	25096.66	1144.96	1.39	4.81	1.39
98120.000	1021.15	958.82	29466.11	1556.07	1.48	5.28	1.55
98120.000	1024.29	1793.76	37947.03	2469.21	1.63	6.08	1.83
102830.000	1017.03	195.08	14636.42	168.50	0.96	4.48	0.98
102830.000	1021.38	650.58	20847.78	501.63	1.10	5.05	1.11
102830.000	1023.36	1049.78	25162.86	847.36	1.24	5.56	1.21
102830.000	1026.71	2748.88	31106.34	2144.78	1.04	6.00	0.96
104055.000	1017.73	48.91	13352.48	1598.61	0.68	4.58	1.43
104055.000	1022.04	201.53	18977.74	2820.73	0.99	5.19	1.75
104055.000	1024.06	351.28	22995.98	3652.74	1.07	5.75	1.98
104055.000	1027.38	822.11	30006.46	5171.43	1.25	6.56	2.32
104108.000	1017.84	0.00	15000.00	0.00	0.00	3.80	0.00
104108.000	1022.16	0.00	22000.00	0.00	0.00	4.21	0.00
104108.000	1024.22	0.00	27000.00	0.00	0.00	4.57	0.00
104108.000	1027.39	0.00	36000.00	0.00	0.00	5.08	0.00
104109.000	1017.82	0.00	15000.00	0.00	0.00	3.97	0.00
104109.000	1022.15	0.00	22000.00	0.00	0.00	4.39	0.00
104109.000	1024.21	0.00	27000.00	0.00	0.00	4.77	0.00
104109.000	1027.37	0.00	36000.00	0.00	0.00	5.31	0.00
104151.000	1017.86	0.00	15000.00	0.00	0.00	3.96	0.00
104151.000	1022.19	0.00	22000.00	0.00	0.00	4.39	0.00
104151.000	1024.25	0.00	27000.00	0.00	0.00	4.76	0.00
104151.000	1027.62	0.00	36000.00	0.00	0.00	5.30	0.00
104152.000	1017.88	0.00	15000.00	0.00	0.00	3.78	0.00
104152.000	1022.23	0.00	22000.00	0.00	0.00	4.19	0.00
104152.000	1024.29	0.00	27000.00	0.00	0.00	4.55	0.00
104152.000	1027.66	0.00	36000.00	0.00	0.00	5.07	0.00
104200.000	1017.87	51.27	13336.81	1611.91	0.68	4.54	1.42
104200.000	1022.19	206.90	18335.46	2833.64	0.99	5.15	1.74
104200.000	1024.24	363.18	22009.53	3667.78	1.06	5.70	1.96
104200.000	1027.59	847.31	29965.43	5187.26	1.24	6.50	2.30

SECNO	CHSEL	QLOB	QCH	QRCB	VLOB	VCH	VROB
104730.000	1018.23	20.01	10071.72	4109.27	0.45	3.90	1.38
104730.000	1022.56	113.15	15471.12	6415.73	0.71	4.26	1.61
104730.000	1024.67	212.52	18741.75	8045.73	0.84	4.93	1.79
104730.000	1028.10	897.78	24207.84	10894.38	0.74	5.58	2.03
105610.000	1018.53	286.83	14640.43	72.74	0.84	3.82	0.59
105610.000	1022.85	677.88	21096.96	225.24	1.07	4.46	0.79
105610.000	1024.97	986.08	25656.64	357.27	1.21	4.97	0.91
105610.000	1028.41	1687.66	33594.43	717.91	1.46	5.72	1.22
109600.000	1020.14	87.95	13495.67	1416.38	0.71	4.40	1.07
109600.000	1024.46	254.22	18796.55	2049.23	0.91	5.05	1.39
109600.000	1026.71	423.59	22518.47	4057.93	1.10	5.51	1.57
109600.000	1030.31	800.69	28936.07	6263.23	1.39	6.18	1.79
113600.000	1021.87	238.22	14676.05	85.72	0.79	3.83	0.69
113600.000	1026.17	631.06	21163.04	205.90	1.00	4.48	0.87
113600.000	1028.51	1048.67	25643.98	307.35	0.98	4.92	0.98
113600.000	1032.21	2512.30	32959.02	528.67	0.99	5.50	1.17
115970.000	1022.81	151.16	14801.85	46.99	0.87	4.39	0.70
115970.000	1027.11	768.55	21119.51	111.94	0.60	5.05	0.91
115970.000	1029.48	2054.96	24780.33	164.71	0.77	5.35	1.02
115970.000	1033.18	5417.67	30318.14	264.19	1.02	5.69	1.13
121140.000	1025.48	259.00	14740.90	0.02	1.07	3.84	0.97
121140.000	1029.63	674.44	21294.87	30.69	0.89	4.26	0.48
121140.000	1031.94	1227.40	25678.69	93.91	0.94	4.55	0.69
121140.000	1035.49	2677.04	33062.61	260.35	1.05	4.99	0.91
123375.000	1026.95	179.58	13811.76	8.66	1.00	5.17	0.62
123375.000	1030.80	591.24	20333.01	75.75	1.36	5.83	0.72
123375.000	1033.12	942.26	24233.38	224.36	1.53	6.13	0.75
123375.000	1036.60	1676.88	31214.59	908.52	1.78	6.67	1.01
123427.000	1027.06	0.00	14000.00	0.00	0.00	4.84	0.00
123427.000	1031.05	0.00	21000.00	0.00	0.00	5.15	0.00
123427.000	1033.31	0.00	25400.00	0.00	0.00	5.25	0.00
123427.000	1036.04	0.00	33800.00	0.00	0.00	5.47	0.00
123428.000	1027.05	0.00	14000.00	0.00	0.00	5.01	0.00
123428.000	1031.02	0.00	21000.00	0.00	0.00	5.47	0.00
123428.000	1033.27	0.00	25400.00	0.00	0.00	5.66	0.00
123428.000	1036.78	0.00	33800.00	0.00	0.00	6.04	0.00
123452.000	1027.09	0.00	14000.00	0.00	0.00	5.00	0.00
123452.000	1031.06	0.00	21000.00	0.00	0.00	5.46	0.00
123452.000	1033.32	0.00	25400.00	0.00	0.00	5.64	0.00
123452.000	1036.83	0.00	33800.00	0.00	0.00	6.02	0.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
123453.000	1027.09	188.33	13668.98	150.76	1.84	5.13	0.81
123453.000	1031.32	70.13	19812.66	129.20	1.60	5.89	1.01
123453.000	1036.83	1281.99	29934.80	2683.20	1.82	6.37	1.19
123500.000	1027.14	186.73	13659.82	150.45	1.82	5.11	0.81
123500.000	1031.10	491.36	19882.17	162.47	1.39	5.69	1.10
123500.000	1033.35	687.16	23587.49	1125.34	1.53	5.95	1.31
123500.000	1036.84	1042.11	30603.75	2154.14	1.74	6.53	1.65





CATAWBA RIVER  
SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
69560.000	10005.50	1059.00	1220.00	1710.00	1943.48	881.60
69560.000	10003.90	1052.20	1220.00	1710.00	1944.68	889.28
69560.000	10006.10	1039.00	1220.00	1710.00	1947.32	908.32
69561.000	10005.50	1059.00	1220.00	1710.00	1943.48	881.60
69561.000	10003.90	1052.20	1220.00	1710.00	1944.68	889.28
69561.000	10006.10	1039.00	1220.00	1710.00	1947.32	908.32
69562.000	10005.50	1059.00	1220.00	1710.00	1943.48	881.60
69562.000	10003.90	1052.20	1220.00	1710.00	1944.68	889.28
69562.000	10006.10	1039.00	1220.00	1710.00	1947.32	908.33
69565.000	10005.50	1059.00	1220.00	1710.00	1943.48	881.60
69565.000	10003.90	1052.20	1220.00	1710.00	1944.68	889.28
69565.000	10006.10	1038.99	1220.00	1710.00	1947.32	908.33
69570.000	10005.50	1059.00	1220.00	1710.00	1943.48	881.60
69570.000	10003.90	1052.20	1220.00	1710.00	1944.68	889.29
69570.000	10006.10	1038.98	1220.00	1710.00	1947.32	908.35
69580.000	10005.50	1059.00	1220.00	1710.00	1943.48	881.61
69580.000	10003.90	1054.19	1220.00	1710.00	1944.68	889.29
69580.000	10006.10	1038.95	1220.00	1710.00	1947.33	908.38
69600.000	10005.50	1058.99	1220.00	1710.00	1943.49	881.61
69600.000	10003.91	1054.19	1220.00	1710.00	1944.69	889.30
69600.000	10006.11	1038.98	1220.00	1710.00	1947.33	908.43
69660.000	10005.51	1059.18	1220.00	1710.00	1943.49	881.32
69660.000	10003.92	1054.37	1220.00	1710.00	1944.38	889.02
69660.000	10006.12	1039.75	1220.00	1710.00	1947.23	907.48
70730.000	10005.63	1048.11	1210.00	1520.00	1535.19	487.08
70730.000	10004.10	1040.71	1210.00	1520.00	1538.68	497.91
70730.000	10006.31	1025.83	1210.00	1520.00	1543.14	502.42
70730.000					1543.38	517.46

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
72800.000	1001.52	1066.95	1220.90	1480.00	1641.83	574.87
72800.000	1004.55	1061.30	1220.00	1480.00	1645.22	583.92
72800.000	1005.55	1053.44	1220.00	1480.00	1646.66	593.21
72800.000	1008.52	1023.80	1220.00	1480.00	1649.62	625.82
74840.000	1002.32	1514.81	1686.00	1955.00	2329.99	778.98
74840.000	1005.34	1459.14	1686.00	1955.00	2332.43	864.29
74840.000	1006.64	1455.89	1686.00	1955.00	2333.66	880.53
74840.000	1009.26	1449.35	1686.00	1955.00	2336.62	913.27
75650.000	1003.30	1397.82	1680.00	1950.00	2037.15	640.13
75650.000	1006.46	1374.88	1680.00	1950.00	2053.41	678.73
75650.000	1007.81	1370.16	1680.00	1950.00	2060.62	690.47
75650.000	1010.48	1360.93	1680.00	1950.00	2074.48	713.65
77820.000	1004.38	1575.49	1670.00	1950.00	2255.88	679.59
77820.000	1007.74	1558.84	1670.00	1950.00	2258.41	728.57
77820.000	1009.13	1548.87	1670.00	1950.00	2260.53	739.39
77820.000	1011.91	1533.33	1670.00	1950.00	2293.81	760.49
78610.000	1004.81	866.52	1060.00	1370.00	1562.37	595.85
78610.000	1008.21	857.81	1060.00	1370.00	1592.25	735.24
78610.000	1009.66	852.94	1060.00	1370.00	1605.84	752.18
78610.000	1012.48	845.85	1060.00	1370.00	1629.84	784.79
79530.000	1005.26	825.23	1060.00	1320.00	1342.64	517.48
79530.000	1008.68	789.74	1060.00	1320.00	1350.83	561.89
79530.000	1010.14	774.54	1060.00	1320.00	1354.34	579.80
79530.000	1012.06	745.17	1060.00	1320.00	1361.11	615.94
80550.000	1006.04	859.29	1060.00	1290.00	1309.66	450.37
80550.000	1009.34	839.69	1060.00	1290.00	1315.24	495.77
80550.000	1011.20	817.41	1060.00	1290.00	1317.64	500.22
80550.000	1013.80	793.29	1060.00	1290.00	1322.23	528.94
81970.000	1007.08	1022.72	1050.00	1270.00	1438.80	416.80
81970.000	1010.38	1014.86	1050.00	1270.00	1454.87	440.85
81970.000	1013.22	1003.23	1050.00	1270.00	1464.37	453.85
82420.000	1007.68	1029.81	1050.00	1233.00	1439.52	409.71
82420.000	1011.47	1023.41	1050.00	1233.00	1453.80	429.60
82420.000	1012.85	1021.44	1050.00	1233.00	1458.77	437.33
82420.000	1015.84	1017.70	1050.00	1233.00	1469.74	452.04
82480.000	1007.71	1029.58	1050.00	1233.00	1439.93	410.34
82480.000	1011.30	1023.20	1050.00	1233.00	1453.45	430.19
82480.000	1012.90	1021.23	1050.00	1233.00	1459.25	437.97
82480.000	1015.98	1017.53	1050.00	1233.00	1470.26	452.73

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	
002527	0000	1007.89	1020.60	1001.00	1434.00	1393.34	372.74
002527	0000	1011.00	1019.17	1001.00	1434.00	1399.11	379.95
002527	0000	1013.30	1018.55	1001.00	1434.00	1401.60	383.05
002527	0000	1016.39	1017.38	1001.00	1434.00	1406.32	388.94
002527	0000	1007.89	1020.60	1001.00	1434.00	1393.34	372.74
002527	0000	1011.00	1019.17	1001.00	1434.00	1399.11	379.94
002527	0000	1013.30	1018.55	1001.00	1434.00	1401.59	383.04
002527	0000	1016.38	1017.38	1001.00	1434.00	1406.31	388.93
002527	0000	1007.91	1020.60	1001.00	1434.00	1393.35	372.75
002527	0000	1011.00	1019.17	1001.00	1434.00	1399.13	379.96
002527	0000	1013.33	1018.55	1001.00	1434.00	1401.61	383.06
002527	0000	1016.41	1017.38	1001.00	1434.00	1406.33	388.95
002527	0000	1007.92	1020.60	1001.00	1434.00	1393.37	372.78
002527	0000	1011.00	1019.17	1001.00	1434.00	1399.18	380.02
002527	0000	1013.35	1018.55	1001.00	1434.00	1401.67	383.13
002527	0000	1016.45	1017.36	1001.00	1434.00	1406.40	389.04
002527	0000	1007.95	1020.60	1000.00	1450.00	1393.05	334.61
002527	0000	1011.74	1019.22	1000.00	1450.00	1399.19	346.70
002527	0000	1013.36	1018.83	1000.00	1450.00	1401.84	352.01
002527	0000	1016.46	1017.90	1000.00	1450.00	1406.86	361.96
002527	0000	1007.94	1020.60	1000.00	1450.00	1393.04	334.58
002527	0000	1011.71	1019.46	1000.00	1450.00	1399.15	346.70
002527	0000	1013.33	1018.87	1000.00	1450.00	1401.79	351.92
002527	0000	1016.42	1017.96	1000.00	1450.00	1406.80	361.84
002635	0000	1007.97	1020.43	1000.00	1450.00	1393.06	334.64
002635	0000	1011.76	1019.40	1000.00	1450.00	1399.21	346.82
002635	0000	1013.38	1018.81	1000.00	1450.00	1401.86	352.05
002635	0000	1016.47	1017.88	1000.00	1450.00	1406.88	361.99
002636	0000	1008.01	1020.36	1000.00	1450.00	1393.13	334.77
002636	0000	1011.88	1019.31	1000.00	1450.00	1399.20	346.99
002636	0000	1013.44	1018.71	1000.00	1450.00	1401.00	352.25
002636	0000	1016.55	1017.75	1000.00	1450.00	1407.01	362.26
002733	0000	1008.01	1016.98	1110.00	1324.00	1445.15	428.17
002733	0000	1011.79	1006.10	1110.00	1324.00	1451.64	445.55
002733	0000	1013.42	992.41	1110.00	1324.00	1454.44	453.03
002733	0000	1016.52	992.51	1110.00	1324.00	1459.75	467.24
002735	0000	1008.01	060.72	1110.00	1324.00	1495.27	525.55
002735	0000	1011.91	055.74	1110.00	1324.00	1501.87	546.50
002735	0000	1013.56	049.14	1110.00	1324.00	1504.08	555.54
002735	0000	1016.71	937.33	1110.00	1324.00	1510.08	572.74

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
833210	1008.38	708.11	1040.00	1330.00	1330.38	575.27
833210	1012.31	607.69	1040.00	1330.00	1380.71	779.62
833210	1016.00	583.97	1040.00	1330.00	1380.00	805.03
833210	1017.24	547.59	1040.00	1330.00	1392.24	844.66
838400	1009.50	1596.99	1782.00	1971.00	2000.91	412.24
838400	1012.40	1541.18	1782.00	1971.00	2021.22	480.05
838400	1014.09	1520.98	1782.00	1971.00	2026.42	505.44
838400	1017.30	1491.63	1782.00	1971.00	2036.30	544.67
856400	1009.52	940.87	1780.00	1980.00	1999.04	704.34
856400	1013.50	884.98	1780.00	1980.00	2007.00	1122.02
856400	1015.28	868.55	1780.00	1980.00	2010.56	1142.51
856400	1018.00	844.85	1780.00	1980.00	2017.19	1172.36
900000	1011.51	1703.03	1725.00	1945.90	1988.48	285.46
900000	1015.47	1695.05	1725.00	1945.00	2103.33	407.41
900000	1017.26	1692.75	1725.00	1945.00	2384.22	691.53
900000	1020.46	1687.03	1725.00	1945.00	3104.60	1417.57
925700	1011.09	1716.14	1800.00	1958.00	2001.55	285.41
925700	1016.78	922.87	1800.00	1958.00	2025.34	1807.34
925700	1018.63	85.47	1800.00	1958.00	2030.90	1945.43
925700	1021.88	72.50	1800.00	1958.00	2040.63	1968.13
958000	1014.30	2699.73	2770.00	3015.00	3035.94	336.20
958000	1018.47	2599.70	2770.00	3015.00	3045.31	445.62
958000	1020.18	2558.52	2770.00	3015.00	3049.17	490.65
958000	1023.17	2534.62	2770.00	3015.00	3055.89	521.27
965400	1014.50	3450.00	3575.00	3785.00	3814.57	364.57
965400	1018.70	3450.00	3575.00	3785.00	3822.55	374.55
965400	1020.43	3450.00	3575.00	3785.00	3828.00	378.80
965400	1023.45	3450.00	3575.00	3785.00	3836.20	386.20
965910	1014.56	3500.00	3500.00	3872.00	3814.66	214.66
965910	1018.77	3500.00	3500.00	3872.00	3822.73	322.73
965910	1020.52	3500.00	3500.00	3872.00	3829.02	329.02
965910	1023.56	3500.00	3500.00	3872.00	3836.47	336.47
965902	1014.55	3331.57	3500.00	3872.00	3814.65	463.08
965902	1018.70	3312.81	3500.00	3872.00	3822.91	600.20
965902	1020.53	2900.78	3500.00	3872.00	3836.41	705.91
966400	1014.59	3333.35	3500.00	3872.00	3814.69	463.87
966400	1018.80	3320.35	3500.00	3872.00	3822.79	621.44
966400	1020.55	3300.47	3500.00	3872.00	3829.08	708.61
966400	1023.60	2898.89	3500.00	3872.00	3836.57	937.69

SECNO	CWSEL	SSTA	STGHL	STCHR	ENDST	TOPWID
96649.000	1014.61	3500.00	3500.00	3872.00	3814.73	314.73
96649.000	1018.83	3500.00	3500.00	3872.00	3824.89	324.89
96649.000	1020.59	3500.00	3500.00	3872.00	3829.20	329.20
96649.000	1023.65	3500.00	3500.00	3872.00	3836.70	336.70
96700.000	1014.60	3481.31	3581.00	3783.00	3855.34	374.03
96700.000	1018.82	3450.00	3581.00	3783.00	3869.40	419.40
96700.000	1021.57	3450.00	3581.00	3783.00	3875.25	425.25
96700.000	1023.63	3450.00	3581.00	3783.00	3885.44	435.44
98120.000	1015.07	4003.09	4039.00	4251.00	4323.71	320.62
98120.000	1019.34	3951.58	4039.00	4251.00	4343.60	392.02
98120.000	1021.15	3928.59	4039.00	4251.00	4352.03	423.53
98120.000	1024.29	3709.07	4039.00	4251.00	4366.70	656.73
102830.000	1017.03	1697.51	1760.00	1958.00	1993.99	296.69
102830.000	1021.38	1644.31	1760.00	1958.00	2006.29	424.98
102830.000	1023.36	1620.05	1760.00	1958.00	2009.05	477.01
102830.000	1026.71	962.41	1760.00	1958.00	2725.63	1763.22
104055.000	1017.73	2030.39	2053.00	2225.00	2340.00	309.61
104055.000	1022.04	2011.00	2053.00	2225.00	2340.00	309.61
104055.000	1024.26	1968.00	2053.00	2225.00	2340.00	371.20
104055.000	1027.38	1950.00	2053.00	2225.00	2340.00	390.00
104108.000	1017.84	2030.11	1970.00	2318.00	2331.00	287.89
104108.000	1022.16	2009.52	1970.00	2318.00	2331.00	308.48
104108.000	1024.22	1970.00	1970.00	2318.00	2331.00	348.00
104108.000	1027.59	1970.00	1970.00	2318.00	2331.00	348.00
104109.000	1017.82	2030.12	1970.00	2318.00	2376.10	345.98
104109.000	1022.15	2009.65	1970.00	2318.00	2390.52	380.88
104109.000	1024.21	1965.67	1970.00	2318.00	2397.39	431.71
104109.000	1027.57	1950.00	1970.00	2318.00	2513.16	563.16
104151.000	1017.86	2030.06	1970.00	2318.00	2376.17	346.11
104151.000	1022.19	2009.20	1970.00	2318.00	2390.59	381.31
104151.000	1024.25	1965.00	1970.00	2318.00	2397.49	432.49
104151.000	1027.62	1950.00	1970.00	2318.00	2514.94	564.94
104152.000	1017.88	2029.97	1970.00	2318.00	2318.00	288.03
104152.000	1022.22	2008.60	1970.00	2318.00	2318.00	309.40
104152.000	1024.39	1970.00	1970.00	2318.00	2318.00	348.00
104152.000	1027.66	1970.00	1970.00	2318.00	2318.00	348.00
104200.000	1017.87	2040.01	2053.00	2225.00	2340.00	309.00
104200.000	1022.19	2009.13	2053.00	2225.00	2340.00	330.07
104200.000	1024.24	1965.13	2053.00	2225.00	2340.00	374.07
104200.000	1027.59	1950.00	2053.00	2225.00	2340.00	390.00

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SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
104730.0000	1018.23	1031.81	1053.00	1210.00	1437.04	401.23
104730.0000	1022.56	1014.61	1053.00	1210.00	1449.18	434.57
104730.0000	1024.67	1001.98	1053.00	1210.00	1455.08	453.10
104730.0000	1028.10	735.21	1053.00	1210.00	1464.68	729.47
105610.0000	1018.53	1682.37	1740.00	1947.00	1976.82	294.45
105610.0000	1022.85	1660.77	1740.00	1947.00	1992.89	331.53
105610.0000	1024.97	1650.15	1740.00	1947.00	1999.89	349.75
105610.0000	1028.41	1629.56	1740.00	1947.00	2008.18	378.61
109600.0000	1020.14	1016.21	1045.00	1209.00	1390.27	374.06
109600.0000	1024.46	1001.79	1045.00	1209.00	1398.92	397.13
109600.0000	1026.71	995.89	1045.00	1209.00	1430.86	434.98
109600.0000	1030.31	987.24	1045.00	1209.00	1492.52	505.27
113600.0000	1021.87	1695.01	1753.00	1962.00	1984.08	289.07
113600.0000	1026.17	1027.83	1753.00	1962.00	1992.51	348.49
113600.0000	1028.51	998.68	1753.00	1962.00	1997.07	351.08
113600.0000	1032.21	957.90	1753.00	1962.00	2000.00	774.70
115970.0000	1022.81	1724.35	1753.00	1942.00	1953.02	228.07
115970.0000	1027.11	624.68	1753.00	1942.00	1957.11	739.96
115970.0000	1029.48	596.26	1753.00	1942.00	1959.48	846.52
115970.0000	1033.18	580.48	1753.00	1942.00	1963.17	990.64
121140.0000	1025.48	1603.74	1657.00	1935.00	1936.23	333.09
121140.0000	1029.63	1462.55	1657.00	1935.00	1962.27	499.72
121140.0000	1031.94	1376.38	1657.00	1935.00	1979.58	594.20
121140.0000	1035.49	1234.29	1657.00	1935.00	1983.40	749.11
123375.0000	1026.95	1041.76	1093.00	1301.00	1306.44	264.68
123375.0000	1030.89	1016.46	1093.00	1301.00	1500.00	330.38
123375.0000	1033.12	1007.51	1093.00	1301.00	1500.00	413.62
123375.0000	1036.68	987.17	1093.00	1301.00	1500.00	512.83
123427.0000	1027.06	1040.98	1000.00	1396.00	1307.34	266.36
123427.0000	1031.06	1015.81	1000.00	1396.00	1340.22	324.41
123427.0000	1033.31	1006.74	1000.00	1396.00	1358.92	352.18
123427.0000	1036.84	1000.00	1000.00	1396.00	1396.00	396.00
123428.0000	1027.05	1040.61	1000.00	1396.00	1313.35	263.74
123428.0000	1031.05	1044.41	1000.00	1396.00	1329.17	284.76
123428.0000	1033.27	1041.45	1000.00	1396.00	1351.87	310.41
123428.0000	1036.78	1036.85	1000.00	1396.00	1372.84	335.99
123452.0000	1027.09	1049.58	1000.00	1396.00	1313.41	263.84
123452.0000	1031.06	1044.37	1000.00	1396.00	1329.51	285.14
123452.0000	1033.32	1041.40	1000.00	1396.00	1352.19	310.79
123452.0000	1036.83	1036.80	1000.00	1396.00	1372.91	336.12

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
123453.000	1027.09	1047.70	1093.00	1301.00	1366.57	318.70
123453.000	1031.06	1040.29	1093.00	1301.00	1500.00	459.01
123453.000	1033.32	1037.12	1093.00	1301.00	1500.00	462.87
123453.000	1036.83	1031.11	1093.00	1301.00	1500.00	468.89
123500.000	1027.14	1050.00	1093.00	1301.00	1367.18	317.18
123500.000	1031.10	1050.00	1093.00	1301.00	1430.00	380.00
123500.000	1033.35	1050.00	1093.00	1301.00	1430.00	380.00
123500.000	1036.84	1050.00	1093.00	1301.00	1430.00	380.00

CATAWBA RIVER  
SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.51K
A 69560.0000	0.00	0.00	0.00	981.00	22000.00	1000.50	0.00	1000.57	1.12	2.19	12635.40	20810.01
69560.0000	0.00	0.00	0.00	981.00	34000.00	1002.90	0.00	1003.02	1.72	2.95	14760.46	25905.78
69560.0000	0.00	0.00	0.00	981.00	40000.00	1003.90	0.00	1004.05	2.01	3.29	15651.34	28247.72
69560.0000	0.00	0.00	0.00	981.00	52500.00	1006.10	0.00	1006.30	2.45	3.87	17627.38	33572.55
69561.0000	1.00	0.00	0.00	981.00	22000.00	1000.50	0.00	1000.57	1.12	2.19	12635.50	20810.24
69561.0000	1.00	0.00	0.00	981.00	34000.00	1002.90	0.00	1003.02	1.72	2.95	14760.61	25905.17
69561.0000	1.00	0.00	0.00	981.00	40000.00	1003.90	0.00	1004.05	2.01	3.29	15651.51	28248.18
69561.0000	1.00	0.00	0.00	981.00	52500.00	1006.10	0.00	1006.31	2.45	3.87	17627.60	33573.17
69562.0000	1.00	0.00	0.00	981.00	22000.00	1000.50	0.00	1000.57	1.12	2.19	12635.60	20810.67
69562.0000	1.00	0.00	0.00	981.00	34000.00	1002.90	0.00	1003.02	1.72	2.95	14760.76	25905.56
69562.0000	1.00	0.00	0.00	981.00	40000.00	1003.90	0.00	1004.05	2.01	3.29	15651.76	28248.66
69562.0000	1.00	0.00	0.00	981.00	52500.00	1006.10	0.00	1006.31	2.45	3.87	17627.83	33573.80
69565.0000	3.00	0.00	0.00	981.00	22000.00	1000.50	0.00	1000.57	1.12	2.19	12635.89	20811.15
69565.0000	3.00	0.00	0.00	981.00	34000.00	1002.90	0.00	1003.02	1.72	2.95	14761.22	25906.72
69565.0000	3.00	0.00	0.00	981.00	40000.00	1003.90	0.00	1004.05	2.01	3.29	15652.24	28249.05
69565.0000	3.00	0.00	0.00	981.00	52500.00	1006.10	0.00	1006.31	2.44	3.87	17628.50	33575.65
69570.0000	5.00	0.00	0.00	981.00	22000.00	1000.50	0.00	1000.57	1.12	2.19	12636.39	20812.30
69570.0000	5.00	0.00	0.00	981.00	34000.00	1002.90	0.00	1003.02	1.71	2.95	14761.99	25907.67
69570.0000	5.00	0.00	0.00	981.00	40000.00	1003.90	0.00	1004.05	2.00	3.29	15653.14	28250.43
69570.0000	5.00	0.00	0.00	981.00	52500.00	1006.10	0.00	1006.31	2.44	3.87	17629.62	33571.76
69580.0000	10.00	0.00	0.00	981.00	22000.00	1000.50	0.00	1000.57	1.12	2.19	12637.38	20814.59
69580.0000	10.00	0.00	0.00	981.00	34000.00	1002.90	0.00	1003.02	1.71	2.95	14763.53	25909.55
69580.0000	10.00	0.00	0.00	981.00	40000.00	1003.90	0.00	1004.05	2.00	3.29	15654.55	28251.14
69580.0000	10.00	0.00	0.00	981.00	52500.00	1006.10	0.00	1006.31	2.44	3.87	17631.87	33594.97
69600.0000	20.00	0.00	0.00	981.00	22000.00	1000.50	0.00	1000.57	1.12	2.19	12639.36	20819.18
69600.0000	20.00	0.00	0.00	981.00	34000.00	1002.91	0.00	1003.03	1.71	2.95	14766.60	25907.32
69600.0000	20.00	0.00	0.00	981.00	40000.00	1003.91	0.00	1004.06	2.00	3.29	15658.56	28266.57
69600.0000	20.00	0.00	0.00	981.00	52500.00	1006.11	0.00	1006.31	2.44	3.87	17636.36	33597.37
69660.0000	60.00	0.00	0.00	981.10	22000.00	1000.51	0.00	1000.58	1.14	2.20	12557.14	20629.08
69660.0000	60.00	0.00	0.00	981.10	34000.00	1002.92	0.00	1003.04	1.74	2.96	14686.88	25773.09
69660.0000	60.00	0.00	0.00	981.10	40000.00	1003.92	0.00	1004.07	2.03	3.30	15580.11	28061.97
69660.0000	60.00	0.00	0.00	981.10	52500.00	1006.12	0.00	1006.33	2.47	3.88	17558.96	33383.64
B 70730.0000	1070.00	0.00	0.00	982.50	22000.00	1000.63	0.00	1000.83	3.61	3.77	6978.06	11575.00
70730.0000	1070.00	0.00	0.00	982.50	34000.00	1003.08	0.00	1003.44	5.42	5.04	8182.18	14806.43
70730.0000	1070.00	0.00	0.00	982.50	40000.00	1004.10	0.00	1004.54	6.28	5.61	8691.98	15958.60
70730.0000	1070.00	0.00	0.00	982.50	52500.00	1006.31	0.00	1006.92	7.58	6.60	9818.54	19073.53



SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
72800.000	2070.00	0.00	0.00	985.00	22000.00	1001.52	0.00	1001.79	5.78	4.58	6736.93	9147.87
72800.000	2070.00	0.00	0.00	985.00	34000.00	1004.35	0.00	1004.76	7.52	5.73	8374.99	12399.11
72800.000	2070.00	0.00	0.00	985.00	40000.00	1005.55	0.00	1006.05	8.28	6.26	9077.12	13903.98
72800.000	2070.00	0.00	0.00	985.00	52500.00	1008.02	0.00	1008.66	9.26	7.16	10582.79	17254.21
74040.000	1240.00	0.00	0.00	986.40	21300.00	1002.30	0.00	1002.58	6.93	4.59	6732.32	8093.07
74040.000	1240.00	0.00	0.00	986.40	32500.00	1005.34	0.00	1005.72	7.60	5.45	9241.49	11790.82
74040.000	1240.00	0.00	0.00	986.40	38200.00	1006.64	0.00	1007.36	7.89	5.83	10374.79	13598.74
74040.000	1240.00	0.00	0.00	986.40	50300.00	1009.26	0.00	1009.76	8.14	6.45	12724.07	17631.91
75650.000	1610.00	0.00	0.00	987.10	21300.00	1003.30	0.00	1003.53	5.00	4.16	7254.65	9526.15
75650.000	1610.00	0.00	0.00	987.10	32500.00	1006.46	0.00	1006.79	5.85	5.08	9349.90	11790.82
75650.000	1610.00	0.00	0.00	987.10	38200.00	1007.81	0.00	1008.19	6.24	5.50	10273.42	13289.43
75650.000	1610.00	0.00	0.00	987.10	50300.00	1010.48	0.00	1010.95	6.81	6.23	12144.46	15270.83
77820.000	2170.00	0.00	0.00	987.80	21300.00	1004.38	0.00	1004.64	5.16	4.31	6419.76	9375.05
77820.000	2170.00	0.00	0.00	987.80	32500.00	1007.71	0.00	1008.08	5.83	5.19	8796.33	11345.54
77820.000	2170.00	0.00	0.00	987.80	38200.00	1009.13	0.00	1009.53	6.12	5.57	9841.54	13435.64
77820.000	2170.00	0.00	0.00	987.80	50300.00	1011.91	0.00	1012.42	6.54	6.26	11922.69	16671.29
78610.000	790.00	0.00	0.00	988.00	21300.00	1004.81	0.00	1005.03	4.65	3.96	7150.93	9860.80
78610.000	790.00	0.00	0.00	988.00	32500.00	1008.21	0.00	1008.51	5.11	4.74	9580.84	13377.05
78610.000	790.00	0.00	0.00	988.00	38200.00	1009.66	0.00	1010.01	5.33	5.09	10661.25	16540.43
78610.000	790.00	0.00	0.00	988.00	50300.00	1012.48	0.00	1012.90	5.66	5.72	12827.23	21136.72
79530.000	920.00	0.00	0.00	988.10	21300.00	1005.26	0.00	1005.63	7.46	4.98	5303.16	7797.97
79530.000	920.00	0.00	0.00	988.10	32500.00	1008.68	0.00	1009.18	8.25	5.98	7143.56	11517.62
79530.000	920.00	0.00	0.00	988.10	38200.00	1010.14	0.00	1010.71	8.61	6.43	7977.27	13017.05
79530.000	920.00	0.00	0.00	988.10	50300.00	1012.96	0.00	1013.67	9.16	7.23	9665.54	16622.64
80550.000	1020.00	0.00	0.00	988.40	21300.00	1006.04	0.00	1006.43	8.12	5.29	5143.19	7475.69
80550.000	1020.00	0.00	0.00	988.40	32500.00	1009.53	0.00	1010.09	9.09	6.39	6775.91	10780.99
80550.000	1020.00	0.00	0.00	988.40	38200.00	1011.02	0.00	1011.67	9.54	6.88	7512.84	12367.14
80550.000	1020.00	0.00	0.00	988.40	50300.00	1013.89	0.00	1014.70	10.27	7.79	8990.35	15694.42
81970.000	1420.00	0.00	0.00	989.60	21300.00	1007.20	0.00	1007.69	0.10	5.72	4311.72	7060.83
81970.000	1420.00	0.00	0.00	989.60	32500.00	1010.81	0.00	1011.50	10.17	6.92	5856.69	10189.74
81970.000	1420.00	0.00	0.00	989.60	38200.00	1012.36	0.00	1013.15	10.64	7.44	6550.63	11711.56
81970.000	1420.00	0.00	0.00	989.60	50300.00	1015.32	0.00	1016.31	11.40	8.39	7931.24	14900.10
82420.000	450.00	0.00	0.00	986.00	21300.00	1007.60	0.00	1008.06	7.23	5.61	4865.46	7924.23
82420.000	450.00	0.00	0.00	986.00	32500.00	1011.27	0.00	1011.93	8.57	6.87	6409.86	11100.20
82420.000	450.00	0.00	0.00	986.00	38200.00	1012.85	0.00	1013.60	9.16	7.43	7003.10	12620.86
82420.000	450.00	0.00	0.00	986.00	50300.00	1015.84	0.00	1016.79	10.19	8.47	8422.13	15760.90
82480.000	60.00	0.00	0.00	983.00	21300.00	1007.71	0.00	1008.10	5.63	5.21	5188.71	8976.39
82480.000	60.00	0.00	0.00	983.00	32500.00	1011.39	0.00	1011.98	7.00	6.43	6739.29	12287.54
82480.000	60.00	0.00	0.00	983.00	38200.00	1012.98	0.00	1013.66	7.59	7.04	7425.78	13867.19
82480.000	60.00	0.00	0.00	983.00	50300.00	1015.98	0.00	1016.86	8.63	8.08	8763.53	17118.67

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
82527	47.00	0.00	0.00	979.70	21300.00	1007.89	0.00	1008.14	5.35	3.99	5341.25	9284.97
82527	47.00	0.00	0.00	979.70	38200.00	1011.68	0.00	1012.03	5.89	4.80	6764.40	13391.62
82527	47.00	0.00	0.00	979.70	50300.00	1013.38	0.00	1013.72	6.17	5.17	7384.84	15378.33
82527	47.00	0.00	0.00	979.70	50300.00	1016.39	0.00	1016.93	6.69	5.86	8578.30	19449.49
82528	1.00	1033.20	1029.40	979.70	21300.00	1007.89	0.00	1008.15	8.95	4.10	5190.49	7119.99
82528	1.00	1033.20	1029.40	979.70	32500.00	1011.66	0.00	1012.04	10.67	4.94	6573.56	9947.69
82528	1.00	1033.20	1029.40	979.70	38200.00	1013.29	0.00	1013.73	11.54	5.32	7177.35	11243.81
82528	1.00	1033.20	1029.40	979.70	50300.00	1016.38	0.00	1016.94	13.24	6.93	8339.10	13825.56
82552	24.00	1033.20	1029.40	979.70	21300.00	1007.91	0.00	1008.17	8.93	4.10	5193.60	7126.09
82552	24.00	1033.20	1029.40	979.70	32500.00	1011.69	0.00	1012.07	10.65	4.94	6578.56	9958.29
82552	24.00	1033.20	1029.40	979.70	38200.00	1013.32	0.00	1013.76	11.52	5.32	7482.54	11255.00
82552	24.00	1033.20	1029.40	979.70	50300.00	1016.41	0.00	1016.97	13.21	6.93	8344.61	13838.04
82554	1.00	0.00	0.00	979.70	21300.00	1007.92	0.00	1008.17	5.33	3.98	5349.68	9228.13
82554	1.00	0.00	0.00	979.70	32500.00	1011.71	0.00	1012.04	6.85	4.79	6779.35	13448.37
82554	1.00	0.00	0.00	979.70	38200.00	1013.35	0.00	1013.76	7.13	5.46	7481.46	15432.84
82554	1.00	0.00	0.00	979.70	50300.00	1016.45	0.00	1016.98	8.64	5.85	8598.36	19528.60
82654	101.00	0.00	0.00	982.80	21300.00	1007.95	0.00	1008.25	6.26	4.35	4891.62	8589.91
82654	101.00	0.00	0.00	982.80	32500.00	1011.74	0.00	1012.17	7.06	5.28	6180.07	12229.15
82654	101.00	0.00	0.00	982.80	38200.00	1013.36	0.00	1013.86	7.44	5.66	6748.48	14001.24
82654	101.00	0.00	0.00	982.80	50300.00	1016.46	0.00	1017.09	8.12	6.41	7952.62	17649.11
82655	1.00	1041.70	1041.70	982.80	21300.00	1007.94	0.00	1008.26	11.27	4.56	4668.55	6346.12
82655	1.00	1041.70	1041.70	982.80	32500.00	1011.71	0.00	1012.18	13.83	5.51	5894.62	8737.89
82655	1.00	1041.70	1041.70	982.80	38200.00	1013.33	0.00	1013.88	15.06	6.03	6437.17	9863.48
82655	1.00	1041.70	1041.70	982.80	50300.00	1016.42	0.00	1017.12	17.59	6.71	7491.85	12863.20
82685	30.00	1043.20	1041.70	982.80	21300.00	1007.97	0.00	1008.29	11.23	4.56	4674.20	6356.75
82685	30.00	1043.20	1041.70	982.80	32500.00	1011.76	0.00	1012.23	13.76	5.50	5906.99	8762.00
82685	30.00	1043.20	1041.70	982.80	38200.00	1013.38	0.00	1013.93	14.97	6.02	6450.81	9871.61
82685	30.00	1043.20	1041.70	982.80	50300.00	1016.47	0.00	1017.17	17.29	6.70	7507.98	12897.92
82686	1.00	0.00	0.00	982.80	21300.00	1008.01	0.00	1008.30	6.20	4.34	4909.05	8557.25
82686	1.00	0.00	0.00	982.80	32500.00	1011.80	0.00	1012.23	7.98	5.24	6203.73	12301.37
82686	1.00	0.00	0.00	982.80	38200.00	1013.44	0.00	1013.93	8.35	5.64	6775.27	14086.58
82686	1.00	0.00	0.00	982.80	50300.00	1016.55	0.00	1017.18	8.02	6.38	7885.79	17762.65
82733	49.00	0.00	0.00	985.00	21300.00	1008.01	0.00	1008.34	5.14	4.81	5464.26	9304.80
82733	49.00	0.00	0.00	985.00	32500.00	1011.79	0.00	1012.29	6.10	5.93	7118.57	13093.59
82733	49.00	0.00	0.00	985.00	38200.00	1013.42	0.00	1014.00	6.61	6.43	7350.67	14862.32
82733	49.00	0.00	0.00	985.00	50300.00	1016.52	0.00	1017.26	7.39	7.35	9275.96	18509.09
82778	50.00	0.00	0.00	987.00	21300.00	1008.08	0.00	1008.37	5.11	4.67	6206.60	9423.98
82778	50.00	0.00	0.00	987.00	32500.00	1011.91	0.00	1012.34	6.82	5.65	8261.25	13467.82
82778	50.00	0.00	0.00	987.00	38200.00	1013.56	0.00	1014.04	6.13	6.08	9172.47	15425.93
82778	50.00	0.00	0.00	987.00	50300.00	1016.71	0.00	1017.31	6.66	6.88	10948.86	19496.85

SECNO	XLCH	ELTRD	ELLCC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
83210	425.00	0.00	0.00	988.70	1800.00	1008.38	0.00	1008.54	2.61	3.29	6617.63	11144.23
83210	425.00	0.00	0.00	988.70	2680.00	1012.31	0.00	1012.31	2.71	2.82	9852.50	16284.50
83210	425.00	0.00	0.00	988.70	3220.00	1014.00	0.00	1014.00	2.88	2.13	10870.69	18857.45
83210	425.00	0.00	0.00	988.70	4220.00	1017.24	0.00	1017.52	3.00	4.60	13547.34	24352.12
83340	630.00	0.00	0.00	988.70	1800.00	1008.50	0.00	1008.85	6.00	4.92	4513.16	7349.27
83340	630.00	0.00	0.00	988.70	2680.00	1012.40	0.00	1012.87	6.34	5.76	6264.31	10641.88
83340	630.00	0.00	0.00	988.70	3220.00	1014.09	0.00	1014.62	6.80	6.26	7893.99	12273.86
83340	630.00	0.00	0.00	988.70	4220.00	1017.30	0.00	1017.95	7.18	7.80	8784.26	15747.99
85640	1800.00	0.00	0.00	989.20	1800.00	1009.52	0.00	1009.84	5.04	4.65	4602.30	8021.48
85640	1800.00	0.00	0.00	989.20	2680.00	1013.50	0.00	1013.85	4.67	5.59	8527.58	12407.34
85640	1800.00	0.00	0.00	989.20	3220.00	1015.00	0.00	1015.50	4.54	5.27	10540.74	15017.44
85640	1800.00	0.00	0.00	989.20	4220.00	1018.00	0.00	1018.00	4.11	5.46	14379.67	20812.29
90000	4360.00	0.00	0.00	990.70	1800.00	1011.51	0.00	1011.76	3.85	4.13	4711.94	9175.03
90000	4360.00	0.00	0.00	990.70	2680.00	1015.47	0.00	1015.84	4.43	5.03	5924.30	12728.60
90000	4360.00	0.00	0.00	990.70	3220.00	1017.26	0.00	1017.71	4.81	5.51	6909.45	12593.48
90000	4360.00	0.00	0.00	990.70	4220.00	1020.46	0.00	1020.97	4.96	6.86	10335.69	18957.83
92570	2570.00	0.00	0.00	990.90	1800.00	1012.69	0.00	1013.15	7.06	5.56	3718.69	6773.29
92570	2570.00	0.00	0.00	990.90	2680.00	1016.70	0.00	1017.31	6.89	6.33	7331.66	10690.84
92570	2570.00	0.00	0.00	990.90	3220.00	1018.63	0.00	1019.88	5.99	6.11	11288.23	13073.60
92570	2570.00	0.00	0.00	990.90	4220.00	1021.88	0.00	1022.21	4.55	5.77	17553.17	19778.95
95800	3230.00	0.00	0.00	991.10	1800.00	1014.30	0.00	1014.58	2.66	3.56	5304.37	11038.47
95800	3230.00	0.00	0.00	991.10	2680.00	1018.47	0.00	1018.75	3.05	4.31	6919.29	15336.61
95800	3230.00	0.00	0.00	991.10	3220.00	1020.18	0.00	1020.52	3.40	4.76	7223.19	17355.30
95800	3230.00	0.00	0.00	991.10	4220.00	1023.17	0.00	1023.61	3.93	5.50	9254.96	21290.58
96540	740.00	0.00	0.00	991.20	1800.00	1014.50	0.00	1014.73	3.30	3.96	5236.93	9915.03
96540	740.00	0.00	0.00	991.20	2680.00	1018.70	0.00	1019.02	3.65	4.73	6786.83	14025.21
96540	740.00	0.00	0.00	991.20	3220.00	1020.43	0.00	1020.82	4.04	5.20	7440.48	16914.88
96540	740.00	0.00	0.00	991.20	4220.00	1023.45	0.00	1023.96	4.70	6.03	8595.21	19455.57
96591	51.00	0.00	0.00	990.50	1800.00	1014.56	0.00	1014.75	3.57	3.53	5095.04	9531.59
96591	51.00	0.00	0.00	990.50	2680.00	1018.77	0.00	1019.04	3.78	4.16	6441.78	13776.84
96591	51.00	0.00	0.00	990.50	3220.00	1020.52	0.00	1020.84	4.14	4.56	7012.94	15727.37
96591	51.00	0.00	0.00	990.50	4220.00	1023.56	0.00	1023.99	4.74	5.26	8025.00	19383.14
96592	1.00	1024.00	1043.70	990.50	1800.00	1014.55	0.00	1014.76	7.03	3.71	4923.91	6786.97
96592	1.00	1024.00	1043.70	990.50	2680.00	1018.76	0.00	1019.05	8.31	4.37	6204.86	9294.99
96592	1.00	1024.00	1043.70	990.50	3220.00	1020.50	0.00	1020.85	9.47	4.79	6748.39	10400.23
96592	1.00	1024.00	1043.70	990.50	4220.00	1023.53	0.00	1024.01	11.58	5.53	7707.47	12401.64
96648	56.00	1024.00	1043.70	990.50	1800.00	1014.59	0.00	1014.80	7.00	3.70	4932.85	6803.66
96648	56.00	1024.00	1043.70	990.50	2680.00	1018.80	0.00	1019.10	8.28	4.36	6214.80	9315.11
96648	56.00	1024.00	1043.70	990.50	3220.00	1020.55	0.00	1020.91	9.42	4.78	6759.69	10423.44
96648	56.00	1024.00	1043.70	990.50	4220.00	1023.60	0.00	1024.07	11.49	5.51	7729.14	12447.56

SECNO	XLCH	ELTRD	E.I.L.C	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
96649.0000	1.0000	0.0000	0.0000	990.50	180000.00	1014.61	0.00	1014.80	3.53	3.52	5112.24	9580.37
96649.0000	1.0000	0.0000	0.0000	990.50	268000.00	1018.83	0.00	1019.10	3.73	4.15	64102.51	13845.47
96649.0000	1.0000	0.0000	0.0000	990.50	320000.00	1020.59	0.00	1020.01	4.10	4.55	7037.01	15811.42
96649.0000	1.0000	0.0000	0.0000	990.50	422000.00	1023.65	0.00	1024.08	4.68	5.24	8055.97	19498.85
96700.0000	51.0000	0.0000	0.0000	991.10	180000.00	1014.60	0.00	1014.84	3.20	3.09	5239.85	9072.07
96700.0000	51.0000	0.0000	0.0000	991.10	268000.00	1018.82	0.00	1019.14	3.84	4.77	6915.56	14037.65
96700.0000	51.0000	0.0000	0.0000	991.10	320000.00	1020.57	0.00	1020.06	4.22	4.77	7656.77	15967.78
96700.0000	51.0000	0.0000	0.0000	991.10	422000.00	1023.63	0.00	1024.13	4.63	6.04	8972.48	19614.13
98120.0000	1420.0000	0.0000	0.0000	993.30	180000.00	1015.07	0.00	1015.32	3.43	4.01	5002.64	9721.36
98120.0000	1420.0000	0.0000	0.0000	993.30	268000.00	1019.34	0.00	1019.68	3.82	4.81	6489.31	13711.76
98120.0000	1420.0000	0.0000	0.0000	993.30	320000.00	1021.15	0.00	1021.55	4.19	5.28	7228.74	15632.29
98120.0000	1420.0000	0.0000	0.0000	993.30	422000.00	1024.29	0.00	1024.81	4.77	6.08	8687.33	19331.47
102830.0000	4710.0000	0.0000	0.0000	998.70	150000.00	1017.03	0.00	1017.33	5.62	4.48	3639.19	6324.78
102830.0000	4710.0000	0.0000	0.0000	998.70	220000.00	1021.38	0.00	1021.75	5.23	5.05	5169.01	9621.13
102830.0000	4710.0000	0.0000	0.0000	998.70	270000.00	1023.36	0.00	1023.81	5.60	5.50	6063.54	11411.00
102830.0000	4710.0000	0.0000	0.0000	998.70	360000.00	1026.71	0.00	1027.19	5.45	6.00	8059.29	15424.91
104055.0000	1225.0000	0.0000	0.0000	997.40	150000.00	1017.73	0.00	1018.02	5.64	4.58	4104.00	6318.47
104055.0000	1225.0000	0.0000	0.0000	997.40	220000.00	1022.04	0.00	1022.48	5.35	5.19	5470.69	9511.23
104055.0000	1225.0000	0.0000	0.0000	997.40	270000.00	1024.16	0.00	1024.51	5.80	5.75	6175.89	11211.98
104055.0000	1225.0000	0.0000	0.0000	997.40	360000.00	1027.38	0.00	1027.95	6.33	6.56	7460.34	14305.92
104108.0000	53.0000	0.0000	0.0000	997.40	150000.00	1017.84	0.00	1018.06	5.08	3.80	3949.80	6656.85
104108.0000	53.0000	0.0000	0.0000	997.40	220000.00	1022.16	0.00	1022.44	4.70	4.21	5231.11	10147.31
104108.0000	53.0000	0.0000	0.0000	997.40	270000.00	1024.22	0.00	1024.55	5.33	4.57	5909.26	11486.71
104108.0000	53.0000	0.0000	0.0000	997.40	360000.00	1027.59	0.00	1027.09	5.37	5.88	7081.50	15530.52
104109.0000	1.0000	10335.0000	10332.2000	997.40	150000.00	1017.82	0.00	1018.07	8.54	3.97	3777.35	5133.63
104109.0000	1.0000	10335.0000	10332.2000	997.40	220000.00	1022.15	0.00	1022.45	5.59	4.30	5006.64	7504.20
104109.0000	1.0000	10335.0000	10332.2000	997.40	270000.00	1024.21	0.00	1024.56	6.16	4.77	6557.89	8470.30
104109.0000	1.0000	10335.0000	10332.2000	997.40	360000.00	1027.57	0.00	1028.01	7.77	5.31	6782.07	10971.88
104151.0000	42.0000	10335.0000	10332.2000	997.40	150000.00	1017.86	0.00	1018.10	8.50	3.96	3783.54	5145.70
104151.0000	42.0000	10335.0000	10332.2000	997.40	220000.00	1022.19	0.00	1022.49	5.57	4.39	5012.46	7513.15
104151.0000	42.0000	10335.0000	10332.2000	997.40	270000.00	1024.25	0.00	1024.60	6.11	4.76	6667.77	8491.71
104151.0000	42.0000	10335.0000	10332.2000	997.40	360000.00	1027.62	0.00	1028.05	7.71	5.30	6795.56	11002.74
104152.0000	1.0000	0.0000	0.0000	997.40	150000.00	1017.88	0.00	1018.11	5.02	3.78	3963.99	6694.61
104152.0000	1.0000	0.0000	0.0000	997.40	220000.00	1022.29	0.00	1022.49	6.77	4.19	5247.99	10179.12
104152.0000	1.0000	0.0000	0.0000	997.40	270000.00	1024.29	0.00	1024.61	5.46	4.55	5930.58	11555.88
104152.0000	1.0000	0.0000	0.0000	997.40	360000.00	1027.66	0.00	1028.06	5.31	5.07	7105.00	15616.51
104200.0000	48.0000	0.0000	0.0000	997.40	150000.00	1017.87	0.00	1018.16	5.47	4.54	4147.44	6413.45
104200.0000	48.0000	0.0000	0.0000	997.40	220000.00	1022.19	0.00	1022.55	5.22	5.15	5520.51	9633.62
104200.0000	48.0000	0.0000	0.0000	997.40	270000.00	1024.24	0.00	1024.66	6.64	5.70	6244.20	11372.79
104200.0000	48.0000	0.0000	0.0000	997.40	360000.00	1027.59	0.00	1028.15	6.15	6.50	7544.37	14519.58

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
104730.000	530.000	0.000	0.000	999.000	150000.000	1018.23	0.00	1018.41	3.81	3.90	5814.42	7689.00
104730.000	530.000	0.000	0.000	999.000	220000.000	1022.50	0.00	1022.79	3.72	4.26	7819.59	11400.34
104730.000	530.000	0.000	0.000	999.000	270000.000	1024.67	0.00	1024.95	4.04	4.93	8554.17	13440.91
104730.000	530.000	0.000	0.000	999.000	360000.000	1028.10	0.00	1028.44	4.33	5.58	10912.69	17301.01
105610.000	880.000	0.000	0.000	999.000	150000.000	1018.53	0.00	1018.75	3.51	3.82	4235.15	8001.04
105610.000	880.000	0.000	0.000	999.000	220000.000	1022.85	0.00	1023.14	3.63	4.46	5647.36	11552.69
105610.000	880.000	0.000	0.000	999.000	270000.000	1024.97	0.00	1025.34	3.99	4.97	6370.73	13521.73
105610.000	880.000	0.000	0.000	999.000	360000.000	1028.41	0.00	1028.88	4.45	5.72	7622.83	17072.27
109600.000	3990.000	0.000	0.000	999.600	150000.000	1020.14	0.00	1020.42	4.91	4.48	4458.81	6766.00
109600.000	3990.000	0.000	0.000	999.600	220000.000	1024.46	0.00	1024.80	4.71	5.05	6126.51	10136.10
109600.000	3990.000	0.000	0.000	999.600	270000.000	1026.71	0.00	1027.11	4.93	5.51	7056.05	12158.42
109600.000	3990.000	0.000	0.000	999.600	360000.000	1030.31	0.00	1030.80	5.19	6.18	8754.51	15794.74
113600.000	4000.000	0.000	0.000	1000.000	150000.000	1021.87	0.00	1022.10	3.60	3.93	4253.53	7997.93
113600.000	4000.000	0.000	0.000	1000.000	220000.000	1026.17	0.00	1026.47	3.70	4.48	5593.67	11430.89
113600.000	4000.000	0.000	0.000	1000.000	270000.000	1028.51	0.00	1028.87	3.92	4.92	6399.42	13636.99
113600.000	4000.000	0.000	0.000	1000.000	360000.000	1032.21	0.00	1032.64	4.38	5.50	8987.69	17815.76
115970.000	2370.000	0.000	0.000	1001.800	150000.000	1022.81	0.00	1023.11	4.86	4.39	3611.32	6805.43
115970.000	2370.000	0.000	0.000	1001.800	220000.000	1027.11	0.00	1027.49	4.81	5.05	5379.58	10027.59
115970.000	2370.000	0.000	0.000	1001.800	270000.000	1029.48	0.00	1029.89	4.72	5.35	7457.93	12424.87
115970.000	2370.000	0.000	0.000	1001.800	360000.000	1033.18	0.00	1033.61	4.42	5.69	10859.35	17114.43
121140.000	5170.000	0.000	0.000	1008.800	150000.000	1025.48	0.00	1025.70	5.17	3.84	4085.15	6599.15
121140.000	5170.000	0.000	0.000	1008.800	220000.000	1029.63	0.00	1029.90	4.49	4.26	5917.63	10380.72
121140.000	5170.000	0.000	0.000	1008.800	270000.000	1031.94	0.00	1032.24	4.37	4.55	7077.74	12919.93
121140.000	5170.000	0.000	0.000	1008.800	360000.000	1035.49	0.00	1035.85	4.22	4.99	9456.31	17514.98
123375.000	2235.000	0.000	0.000	1010.600	140000.000	1026.95	0.00	1027.36	10.68	5.17	2863.57	4284.36
123375.000	2235.000	0.000	0.000	1010.600	210000.000	1030.89	0.00	1031.40	9.50	5.83	4028.05	6814.21
123375.000	2235.000	0.000	0.000	1010.600	254000.000	1033.12	0.00	1033.68	8.89	5.13	4868.80	8519.44
123375.000	2235.000	0.000	0.000	1010.600	338000.000	1036.60	0.00	1037.24	8.42	6.67	6518.22	11649.44
123427.000	52.000	0.000	0.000	1010.600	140000.000	1027.06	0.00	1027.43	11.71	4.84	2892.55	4091.65
123427.000	52.000	0.000	0.000	1010.600	210000.000	1031.05	0.00	1031.46	10.85	5.15	4074.45	6376.65
123427.000	52.000	0.000	0.000	1010.600	254000.000	1033.31	0.00	1033.74	9.94	5.25	4841.28	8056.99
123427.000	52.000	0.000	0.000	1010.600	338000.000	1036.84	0.00	1037.31	9.06	5.47	6183.82	11228.65
123428.000	1.000	1052.000	1052.700	1011.000	140000.000	1027.05	0.00	1027.44	18.21	5.01	2793.98	3280.96
123428.000	1.000	1052.000	1052.700	1011.000	210000.000	1031.02	0.00	1031.48	17.21	5.47	3837.70	5061.76
123428.000	1.000	1052.000	1052.700	1011.000	254000.000	1033.27	0.00	1033.77	17.15	5.66	4480.79	6133.30
123428.000	1.000	1052.000	1052.700	1011.000	338000.000	1036.78	0.00	1037.35	17.26	6.04	5598.77	8135.11
123452.000	24.000	1052.000	1052.700	1011.000	140000.000	1027.09	0.00	1027.48	18.08	5.00	2801.16	3292.93
123452.000	24.000	1052.000	1052.700	1011.000	210000.000	1031.06	0.00	1031.52	17.11	5.40	3847.02	5076.81
123452.000	24.000	1052.000	1052.700	1011.000	254000.000	1033.32	0.00	1033.81	17.04	5.64	4501.21	6152.38
123452.000	24.000	1052.000	1052.700	1011.000	338000.000	1036.83	0.00	1037.39	17.16	6.02	5611.03	8159.32

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
123453.000	1.00	0.00	0.00	1011.00	14000.00	1027.09	0.00	1027.49	10.58	5.13	3020.73	4304.39
123453.000	1.00	0.00	0.00	1011.00	21000.00	1031.06	0.00	1031.53	9.84	5.68	4498.11	6982.69
123453.000	1.00	0.00	0.00	1011.00	25400.00	1033.32	0.00	1033.81	8.22	5.89	5538.25	8858.17
123453.000	1.00	0.00	0.00	1011.00	33800.00	1036.83	0.00	1037.39	7.65	6.37	7173.75	12217.76
123500.000	47.00	0.00	0.00	1011.00	14000.00	1027.14	0.00	1027.54	10.43	5.11	3045.07	4316.66
123500.000	47.00	0.00	0.00	1011.00	21000.00	1031.10	0.00	1031.57	9.05	5.69	4412.52	6980.06
123500.000	47.00	0.00	0.00	1011.00	25400.00	1033.35	0.00	1033.86	8.17	5.95	5267.75	8777.20
123500.000	47.00	0.00	0.00	1011.00	33800.00	1036.84	0.00	1037.45	8.04	6.53	6596.79	11923.02

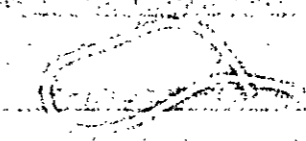
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CATAWBA RIVER  
SUMMARY PRINTOUT TABLE 151

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
69560.000	22000.00	1000.50	0.00	0.00	0.00	881.60	0.00
69560.000	34000.00	1002.90	2.40	0.00	0.00	889.29	0.00
69560.000	40000.00	1003.90	1.00	0.00	0.00	892.48	0.00
69560.000	52500.00	1006.10	2.20	0.00	0.00	908.32	0.00
69561.000	22000.00	1000.50	0.00	0.00	0.00	881.60	1.00
69561.000	34000.00	1002.90	2.40	0.00	0.00	889.28	1.00
69561.000	40000.00	1003.90	1.00	0.00	0.00	892.48	1.00
69561.000	52500.00	1006.10	2.20	0.00	0.00	908.32	1.00
69562.000	22000.00	1000.50	0.00	0.00	0.00	881.60	1.00
69562.000	34000.00	1002.90	2.40	0.00	0.00	889.28	1.00
69562.000	40000.00	1003.90	1.00	0.00	0.00	892.48	1.00
69562.000	52500.00	1006.10	2.20	0.00	0.00	908.33	1.00
69565.000	22000.00	1000.50	0.00	0.00	0.00	881.60	3.00
69565.000	34000.00	1002.90	2.40	0.00	0.00	889.28	3.00
69565.000	40000.00	1003.90	1.00	0.00	0.00	892.48	3.00
69565.000	52500.00	1006.10	2.20	0.00	0.00	908.33	3.00
69570.000	22000.00	1000.50	0.00	0.00	0.00	881.60	5.00
69570.000	34000.00	1002.90	2.40	0.00	0.00	889.29	5.00
69570.000	40000.00	1003.90	1.00	0.00	0.00	892.49	5.00
69570.000	52500.00	1006.10	2.20	0.00	0.00	908.35	5.00
69580.000	22000.00	1000.50	0.00	0.00	0.00	881.61	10.00
69580.000	34000.00	1002.90	2.40	0.00	0.00	889.29	10.00
69580.000	40000.00	1003.90	1.00	0.00	0.00	892.49	10.00
69580.000	52500.00	1006.10	2.20	0.00	0.00	908.38	10.00
69600.000	22000.00	1000.50	0.00	0.00	0.00	881.61	20.00
69600.000	34000.00	1002.91	2.40	0.00	0.00	889.30	20.00
69600.000	40000.00	1003.91	1.00	0.00	0.00	892.51	20.00
69600.000	52500.00	1006.11	2.20	0.00	0.00	908.43	20.00
69660.000	22000.00	1000.51	0.00	0.01	0.00	881.32	60.00
69660.000	34000.00	1002.92	2.41	0.01	0.00	889.02	60.00
69660.000	40000.00	1003.92	1.00	0.01	0.00	892.22	60.00
69660.000	52500.00	1006.12	2.20	0.01	0.00	907.48	60.00
70730.000	22000.00	1000.63	2.00	0.12	0.00	487.08	1070.00
70730.000	34000.00	1003.08	2.45	0.16	0.00	497.91	1070.00
70730.000	40000.00	1004.10	1.02	0.18	0.00	502.42	1070.00
70730.000	52500.00	1006.34	2.21	0.19	0.00	517.46	1070.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
72800.0000	22000.0000	1001.52	0.00	0.89	0.00	574.87	2070.00
72800.0000	34000.0000	1004.35	2.85	1.27	0.00	583.92	2070.00
72800.0000	40000.0000	1005.55	1.20	1.45	0.00	593.21	2070.00
72800.0000	52500.0000	1008.02	2.47	1.71	0.00	625.82	2070.00
74040.0000	21300.0000	1002.30	0.00	0.78	0.00	778.08	1240.00
74040.0000	32500.0000	1005.34	3.04	0.99	0.00	864.29	1240.00
74040.0000	38200.0000	1006.64	1.30	1.10	0.00	880.53	1240.00
74040.0000	50300.0000	1009.26	2.62	1.24	0.00	913.27	1240.00
75650.0000	21300.0000	1003.30	0.00	1.00	0.00	640.13	1610.00
75650.0000	32500.0000	1006.46	3.17	1.12	0.00	678.73	1610.00
75650.0000	38200.0000	1007.81	1.15	1.17	0.00	690.47	1610.00
75650.0000	50300.0000	1010.48	2.67	1.22	0.00	713.65	1610.00
77820.0000	21300.0000	1004.38	0.00	1.08	0.00	679.59	2170.00
77820.0000	32500.0000	1007.71	3.33	1.24	0.00	728.57	2170.00
77820.0000	38200.0000	1009.13	1.42	1.32	0.00	739.39	2170.00
77820.0000	50300.0000	1011.01	2.78	1.43	0.00	760.49	2170.00
78610.0000	21300.0000	1004.81	0.00	0.44	0.00	695.85	790.00
78610.0000	32500.0000	1008.21	3.40	0.50	0.00	735.24	790.00
78610.0000	38200.0000	1009.66	1.45	0.53	0.00	752.10	790.00
78610.0000	50300.0000	1012.48	2.82	0.58	0.00	784.79	790.00
79530.0000	21300.0000	1005.26	0.00	0.45	0.00	517.40	920.00
79530.0000	32500.0000	1008.68	3.41	0.47	0.00	561.09	920.00
79530.0000	38200.0000	1010.14	1.46	0.48	0.00	579.80	920.00
79530.0000	50300.0000	1012.96	2.82	0.48	0.00	615.94	920.00
80550.0000	21300.0000	1005.04	0.00	0.77	0.00	450.37	1020.00
80550.0000	32500.0000	1009.53	3.49	0.85	0.00	485.27	1020.00
80550.0000	38200.0000	1011.02	1.50	0.88	0.00	500.22	1020.00
80550.0000	50300.0000	1013.89	2.87	0.93	0.00	528.94	1020.00
81970.0000	21300.0000	1007.20	0.00	1.16	0.00	416.09	1420.00
81970.0000	32500.0000	1010.81	4.61	1.29	0.00	440.62	1420.00
81970.0000	38200.0000	1012.36	1.55	1.34	0.00	453.85	1420.00
81970.0000	50300.0000	1015.32	2.96	1.43	0.00	485.14	1420.00
82420.0000	21300.0000	1007.60	0.00	0.40	0.00	400.71	450.00
82420.0000	32500.0000	1011.27	3.07	0.40	0.00	430.60	450.00
82420.0000	38200.0000	1012.85	1.57	0.40	0.00	437.33	450.00
82420.0000	50300.0000	1015.84	2.99	0.52	0.00	452.04	450.00
82480.0000	21300.0000	1007.71	0.00	0.10	0.00	410.34	60.00
82480.0000	32500.0000	1011.39	3.69	0.12	0.00	430.19	60.00
82480.0000	38200.0000	1012.00	1.58	0.13	0.00	437.97	60.00
82480.0000	50300.0000	1015.90	3.00	0.14	0.00	452.73	60.00





SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
82527.000	21300.00	1007.89	0.00	0.19	0.00	372.74	47.00
82527.000	30200.00	1011.68	3.78	0.33	0.00	379.95	47.00
82527.000	50300.00	1013.30	1.63	0.33	0.00	383.05	47.00
82527.000	50300.00	1016.39	3.09	0.41	0.00	388.94	47.00
82528.000	21300.00	1007.89	0.00	-0.01	0.00	372.74	1.00
82528.000	30200.00	1011.66	3.78	-0.01	0.00	379.94	1.00
82528.000	50300.00	1013.29	1.62	-0.01	0.00	383.04	1.00
82528.000	50300.00	1016.38	3.09	-0.02	0.00	388.93	1.00
82552.000	21300.00	1007.91	0.00	0.02	0.00	372.75	24.00
82552.000	30200.00	1011.69	3.78	0.03	0.00	379.96	24.00
82552.000	50300.00	1013.32	1.63	0.03	0.00	383.06	24.00
82552.000	50300.00	1016.41	3.09	0.03	0.00	388.95	24.00
82553.000	21300.00	1007.92	0.00	0.02	0.00	372.78	1.00
82553.000	30200.00	1011.71	3.79	0.03	0.00	380.02	1.00
82553.000	50300.00	1013.35	1.63	0.03	0.00	383.13	1.00
82553.000	50300.00	1016.45	3.10	0.04	0.00	389.04	1.00
82654.000	21300.00	1007.95	0.00	0.03	0.00	334.61	101.00
82654.000	30200.00	1011.74	3.78	0.03	0.00	346.75	101.00
82654.000	50300.00	1013.36	1.63	0.02	0.00	352.01	101.00
82654.000	50300.00	1016.46	3.09	0.01	0.00	361.96	101.00
82655.000	21300.00	1007.94	0.00	-0.02	0.00	334.58	1.00
82655.000	30200.00	1011.71	3.77	-0.02	0.00	346.70	1.00
82655.000	50300.00	1013.33	1.62	-0.03	0.00	351.92	1.00
82655.000	50300.00	1016.42	3.08	-0.04	0.00	361.84	1.00
82685.000	21300.00	1007.97	0.00	0.03	0.00	334.64	30.00
82685.000	30200.00	1011.76	3.78	0.04	0.00	346.82	30.00
82685.000	50300.00	1013.38	1.63	0.05	0.00	352.05	30.00
82685.000	50300.00	1016.47	3.09	0.06	0.00	361.99	30.00
82686.000	21300.00	1008.01	0.00	0.03	0.00	334.77	1.00
82686.000	30200.00	1011.80	3.80	0.05	0.00	346.99	1.00
82686.000	50300.00	1013.44	1.63	0.06	0.00	352.25	1.00
82686.000	50300.00	1016.55	3.11	0.07	0.00	362.26	1.00
82735.000	21300.00	1008.01	0.00	-0.00	0.00	428.17	49.00
82735.000	30200.00	1011.79	3.79	-0.01	0.00	445.55	49.00
82735.000	50300.00	1013.42	1.63	-0.02	0.00	453.03	49.00
82735.000	50300.00	1016.52	3.10	-0.03	0.00	467.24	49.00
82785.000	21300.00	1008.08	0.00	0.07	0.00	525.55	50.00
82785.000	30200.00	1011.91	3.85	0.12	0.00	546.50	50.00
82785.000	50300.00	1013.56	1.65	0.14	0.00	555.54	50.00
82785.000	50300.00	1016.71	3.15	0.19	0.00	572.74	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
83210.0000	18000.00	1008.38	0.00	0.30	0.00	675.27	425.00
83210.0000	26800.00	1012.31	3.93	0.44	0.00	779.62	425.00
83210.0000	32000.00	1014.00	1.69	0.44	0.00	805.03	425.00
83210.0000	42200.00	1017.24	3.24	0.53	0.00	844.66	425.00
83840.0000	18000.00	1008.50	0.00	0.12	0.00	412.24	630.00
83840.0000	26800.00	1012.40	3.90	0.09	0.00	480.05	630.00
83840.0000	32000.00	1014.09	1.68	0.08	0.00	505.44	630.00
83840.0000	42200.00	1017.30	3.21	0.05	0.00	544.67	630.00
85640.0000	18000.00	1009.52	0.00	1.02	0.00	704.34	1800.00
85640.0000	26800.00	1013.50	3.98	1.10	0.00	1122.02	1800.00
85640.0000	32000.00	1015.28	1.78	1.19	0.00	1142.51	1800.00
85640.0000	42200.00	1018.60	3.32	1.30	0.00	1172.36	1800.00
90000.0000	18000.00	1011.51	0.00	1.09	0.00	285.46	4360.00
90000.0000	26800.00	1015.47	3.96	1.07	0.00	407.41	4360.00
90000.0000	32000.00	1017.26	1.79	1.08	0.00	691.53	4360.00
90000.0000	42200.00	1020.46	3.20	1.86	0.00	1417.57	4360.00
92570.0000	18000.00	1012.69	0.00	1.19	0.00	285.41	2570.00
92570.0000	26800.00	1016.78	4.09	1.31	0.00	1007.34	2570.00
92570.0000	32000.00	1018.63	1.85	1.37	0.00	1945.43	2570.00
92570.0000	42200.00	1021.88	3.24	1.41	0.00	1968.13	2570.00
95800.0000	18000.00	1014.30	0.00	1.61	0.00	336.20	3230.00
95800.0000	26800.00	1018.47	4.17	1.69	0.00	445.62	3230.00
95800.0000	32000.00	1020.18	1.71	1.55	0.00	490.65	3230.00
95800.0000	42200.00	1023.17	2.99	1.30	0.00	521.27	3230.00
96540.0000	18000.00	1014.50	0.00	0.20	0.00	364.57	740.00
96540.0000	26800.00	1018.70	4.20	0.22	4.20	374.55	740.00
96540.0000	32000.00	1020.43	1.74	0.22	5.93	378.00	740.00
96540.0000	42200.00	1023.45	3.02	0.20	8.95	386.20	740.00
96591.0000	18000.00	1014.56	0.00	0.06	0.00	314.66	51.00
96591.0000	26800.00	1018.77	4.21	0.07	4.21	324.73	51.00
96591.0000	32000.00	1020.52	1.75	0.09	5.96	329.02	51.00
96591.0000	42200.00	1023.50	3.04	0.11	9.00	336.47	51.00
96592.0000	18000.00	1014.55	0.00	0.01	0.00	463.00	1.00
96592.0000	26800.00	1018.70	4.21	0.02	4.21	620.20	1.00
96592.0000	32000.00	1020.50	1.74	0.02	5.95	705.91	1.00
96592.0000	42200.00	1023.53	3.03	0.03	8.99	932.62	1.00
96648.0000	18000.00	1016.59	0.00	0.04	0.00	463.07	56.00
96648.0000	26800.00	1019.80	4.21	0.05	4.21	621.44	56.00
96648.0000	32000.00	1020.55	1.75	0.05	5.96	708.61	56.00
96648.0000	42200.00	1023.60	3.05	0.07	9.01	937.69	56.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
96649.0000	18000.00	1014.61	0.00	0.02	0.00	314.73	1.00
96649.0000	26800.00	1018.83	4.22	0.03	4.22	324.89	1.00
96649.0000	32000.00	1020.59	1.76	0.04	5.98	329.20	1.00
96649.0000	42200.00	1023.65	3.06	0.05	9.04	336.70	1.00
96700.0000	18000.00	1014.60	0.00	-0.01	0.00	374.03	51.00
96700.0000	26800.00	1018.82	4.22	-0.02	4.22	419.40	51.00
96700.0000	32000.00	1020.57	1.76	-0.02	5.97	425.25	51.00
96700.0000	42200.00	1023.63	3.06	-0.02	9.03	435.44	51.00
98120.0000	18000.00	1015.07	0.00	0.47	0.00	320.62	1420.00
98120.0000	26800.00	1019.34	4.27	0.52	4.27	392.02	1420.00
98120.0000	32000.00	1021.15	1.81	0.57	6.07	423.53	1420.00
98120.0000	42200.00	1024.29	3.14	0.65	9.21	656.73	1420.00
102830.0000	15000.00	1017.03	0.00	1.95	0.00	296.49	4710.00
102830.0000	22000.00	1021.38	4.35	2.04	4.35	424.98	4710.00
102830.0000	27000.00	1023.36	1.98	2.21	6.33	477.01	4710.00
102830.0000	36000.00	1026.71	3.35	2.42	9.68	1763.22	4710.00
104055.0000	15000.00	1017.73	0.00	0.70	0.00	309.61	1225.00
104055.0000	22000.00	1022.04	4.31	0.66	4.31	328.18	1225.00
104055.0000	27000.00	1024.06	2.03	0.70	6.33	371.20	1225.00
104055.0000	36000.00	1027.38	3.32	0.67	9.65	390.00	1225.00
104108.0000	15000.00	1017.84	0.00	0.11	0.00	287.89	53.00
104108.0000	22000.00	1022.16	4.33	0.13	4.33	308.48	53.00
104108.0000	27000.00	1024.22	2.06	0.16	6.39	348.00	53.00
104108.0000	36000.00	1027.59	3.37	0.22	9.76	348.00	53.00
104109.0000	15000.00	1017.82	0.00	-0.01	0.00	345.98	1.00
104109.0000	22000.00	1022.15	4.33	-0.01	4.33	380.88	1.00
104109.0000	27000.00	1024.21	2.06	-0.02	6.38	431.71	1.00
104109.0000	36000.00	1027.57	3.36	-0.02	9.75	563.16	1.00
104151.0000	15000.00	1017.86	0.00	0.04	0.00	346.11	42.00
104151.0000	22000.00	1022.19	4.33	0.04	4.33	381.31	42.00
104151.0000	27000.00	1024.25	2.06	0.04	6.39	432.40	42.00
104151.0000	36000.00	1027.62	3.37	0.05	9.76	564.94	42.00
104152.0000	15000.00	1017.88	0.00	0.02	0.00	288.03	1.00
104152.0000	22000.00	1022.22	4.33	0.03	4.33	309.40	1.00
104152.0000	27000.00	1024.29	2.07	0.03	6.40	348.00	1.00
104152.0000	36000.00	1027.66	3.37	0.04	9.78	348.00	1.00
104200.0000	15000.00	1017.87	0.00	-0.01	0.00	309.99	48.00
104200.0000	22000.00	1022.19	4.32	-0.03	4.32	330.07	48.00
104200.0000	27000.00	1024.24	2.06	-0.04	6.37	374.87	48.00
104200.0000	36000.00	1027.59	3.35	-0.07	9.72	390.00	48.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
104730.0000	150000.00	1018.23	0.00	0.36	0.00	401.23	530.00
104730.0000	220000.00	1022.56	4.33	0.38	4.33	434.57	530.00
104730.0000	270000.00	1024.67	2.11	0.43	6.44	453.10	530.00
104730.0000	360000.00	1028.10	3.43	0.51	9.87	729.47	530.00
105610.0000	150000.00	1018.53	0.00	0.30	0.00	294.45	880.00
105610.0000	220000.00	1022.85	4.32	0.28	4.32	331.52	880.00
105610.0000	270000.00	1024.97	2.12	0.30	6.44	349.75	880.00
105610.0000	360000.00	1028.41	3.44	0.31	9.88	378.61	880.00
109600.0000	150000.00	1020.14	0.00	1.61	0.00	374.06	3990.00
109600.0000	220000.00	1024.46	4.32	1.61	4.32	397.13	3990.00
109600.0000	270000.00	1026.71	2.25	1.74	6.58	434.98	3990.00
109600.0000	360000.00	1030.31	3.60	1.91	10.18	505.27	3990.00
113600.0000	150000.00	1021.87	0.00	1.74	0.00	289.07	4000.00
113600.0000	220000.00	1026.17	4.30	1.71	4.30	348.49	4000.00
113600.0000	270000.00	1028.51	2.34	1.80	6.64	313.98	4000.00
113600.0000	360000.00	1032.21	3.70	1.90	10.34	774.70	4000.00
115970.0000	150000.00	1022.81	0.00	0.94	0.00	228.07	2370.00
115970.0000	220000.00	1027.11	4.30	0.94	4.30	739.06	2370.00
115970.0000	270000.00	1029.48	2.37	0.97	6.67	346.52	2370.00
115970.0000	360000.00	1033.18	3.70	0.97	10.37	990.64	2370.00
121140.0000	150000.00	1025.48	0.00	2.67	0.00	333.09	5170.00
121140.0000	220000.00	1029.63	4.15	2.52	4.15	499.72	5170.00
121140.0000	270000.00	1031.94	2.31	2.46	6.46	594.20	5170.00
121140.0000	360000.00	1035.49	3.56	2.31	10.02	749.11	5170.00
123375.0000	140000.00	1026.95	0.00	1.48	0.00	264.68	2235.00
123375.0000	210000.00	1032.89	3.93	1.25	3.93	338.38	2235.00
123375.0000	254000.00	1033.12	2.24	1.18	6.17	413.62	2235.00
123375.0000	338000.00	1036.60	3.48	1.11	9.65	512.83	2235.00
123427.0000	140000.00	1027.06	0.00	0.11	0.00	266.36	52.00
123427.0000	210000.00	1031.05	3.98	0.16	3.98	324.41	52.00
123427.0000	254000.00	1033.31	2.77	0.19	6.25	352.18	52.00
123427.0000	338000.00	1036.04	3.53	0.24	9.78	396.00	52.00
123428.0000	140000.00	1027.05	0.00	0.01	0.00	263.74	1.00
123428.0000	210000.00	1031.02	3.97	0.03	3.97	284.70	1.00
123428.0000	254000.00	1033.27	2.26	0.04	6.23	310.41	1.00
123428.0000	338000.00	1036.78	3.51	0.06	9.74	335.09	1.00
123452.0000	140000.00	1027.09	0.00	0.05	0.00	263.84	24.00
123452.0000	210000.00	1031.06	3.97	0.04	3.97	285.14	24.00
123452.0000	254000.00	1033.32	2.26	0.04	6.22	310.79	24.00
123452.0000	338000.00	1036.83	3.51	0.04	9.73	336.12	24.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
123453.000	14000.00	1027.09	0.00	-0.01	0.00	318.79	1.00
123453.000	21000.00	1031.06	0.00	0.01	3.97	459.01	1.00
123453.000	25400.00	1033.32	2.26	0.00	6.23	462.87	1.00
123453.000	33800.00	1036.83	5.52	0.00	9.74	468.89	1.00
123500.000	14000.00	1027.14	0.00	0.05	0.00	317.18	47.00
123500.000	21000.00	1031.10	0.00	0.04	3.95	480.00	47.00
123500.000	25400.00	1033.35	0.00	0.03	6.20	480.00	47.00
123500.000	33800.00	1036.84	0.00	0.01	9.70	480.00	47.00

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BT	0.000	3625.000	10336.200	1332.900	2654.000	1033.100	1034.000	3604.000	1038.100	991.000
BT	0.000	3627.000	10336.200	1332.900	2654.000	1033.100	1034.000	3746.000	1039.900	1036.600
BT	0.000	3646.000	10336.200	1332.900	2654.000	1033.100	1034.000	3740.000	1030.900	1036.600
BT	0.000	3648.000	10341.000	1332.900	2654.000	1041.800	1012.000	3911.000	1041.000	1012.000
BT	0.000	3649.000	10341.000	1332.900	2654.000	1043.700	1040.400	3873.000	1043.700	1043.700
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3500.000	3028.000
X1	96640.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3500.000	3028.000
X1	96649.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	1024.000	1041.000	0.000
ET	0.000	7.110	0.110	0.110	0.110	0.000	0.000	0.000	3450.000	3000.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3500.000	3028.000
X1	96700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X4	0.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
X4	2616.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
GR	1830.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
GR	1830.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
GR	997.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
GR	991.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
GR	997.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
GR	1825.000	13225.000	1777.000	1332.900	1771.000	1335.000	1980.000	1025.000	1981.000	1925.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4000.000	4300.000
X1	96120.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1850.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	0.000	0.000	0.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	1370.000	1025.000	1520.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	2660.000	1027.000	2670.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	1035.000	1035.000	3700.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	1016.000	4000.000	4013.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	994.000	4000.000	4100.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	994.000	4000.000	4200.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	993.000	4000.000	4255.000
GR	1825.000	7550.000	10336.200	1332.900	1420.000	1153.000	1420.000	4251.000	1003.000	0.000
QT	6.000	15000.000	22000.000	37000.000	36000.000	27000.000	27000.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1550.000	2000.000
X1	182830.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1845.000	1760.000	10336.200	1332.900	1710.000	1700.000	1824.000	0.000	0.000	0.000
GR	1825.000	1760.000	10336.200	1332.900	1710.000	1700.000	1824.000	1760.000	1001.000	1765.000
GR	1825.000	1760.000	10336.200	1332.900	1710.000	1700.000	1824.000	1000.000	0.000	1020.000
GR	1825.000	1760.000	10336.200	1332.900	1710.000	1700.000	1824.000	1000.000	1000.000	1020.000
GR	1825.000	1760.000	10336.200	1332.900	1710.000	1700.000	1824.000	1000.000	1000.000	1020.000
GR	1825.000	1760.000	10336.200	1332.900	1710.000	1700.000	1824.000	1000.000	1000.000	1020.000

THIS RUN EXECUTED 14 FEB 85 7:54:55

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 HEC2 RELEASE DATE NOV 76 UPDATED MAY 1984  
 ERROR CORR - 01/02/85 04/05/86  
 MODIFICATION - 03/51/83 04/55  
 \*\*\*\*\*

C MORGANTON NC FIS FPM-DR  
 T1 MORGANTON NC FIS SAMPO-F FATCHLOP  
 T2 100 YEAR NATURAL  
 T3 CATAWBA RIVER

J1	ICHECK	INO	MINV	IDIR	STPT	METRIC	UVINS	Q	WSEL	FQ
	0.	4.	7.	0.	0.000000	0.00	7.0	0.	1003.000	0.000
J2	NPROF	IPLOT	PRFVC	XSECV	YSECH	FN	ALLDC	IPW	CHNIM	ITPACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	5.000	43.000	0.000	38.000	1.000
	53.000	21.000	22.000	54.000	4.000	5.000	4.000	200.000	0.000	0.000
NC	0.120	0.100	0.050	0.100	0.100	0.400	0.000	0.000	0.000	0.000
QT	6.832	22000.000	34000.000	40000.000	52500.000	40000.000	40000.000	40000.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1220.000	1710.000
*** SURVEYED SECTION NCR-1 DID NOT ANY LOCATION YXX USED AS CUT-OFF TO WHITE TOP SECTION										
X1	69560.000	13.000	1220.000	1710.000	49560.000	49560.000	49560.000	49560.000	0.000	0.000
GR	1317.000	1320.000	1070.000	1250.000	1200.000	1260.000	995.000	1100.000	990.000	1160.000
GR	030.000	1230.000	1061.000	1200.000	987.000	1577.000	985.000	1710.000	990.000	1740.000
GR	990.000	1910.000	1107.000	1040.000	1025.000	1970.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1220.000	1710.000
X1	69561.000	0.000	0.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1220.000	1710.000
X1	69562.000	0.000	0.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1220.000	1710.000
X1	69565.000	0.000	0.000	0.000	0.000	3.000	3.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1220.000	1710.000
X1	69570.000	0.000	0.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000



ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1220.000	1710.000
X1	69500.000	0.000	0.000	0.000	17.000	17.000	10.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1220.000	1710.000
X1	69600.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1220.000	1710.000
X1	69660.000	0.000	0.000	0.000	60.000	60.000	60.000	0.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1175.000	1525.000
X1	70737.000	0.000	0.000	0.000	1520.000	1070.000	1070.000	0.000	0.000	0.000
GR	1010.000	1000.000	1000.000	1000.000	1000.000	1000.000	995.000	1000.000	0.000	1100.000
GR	980.000	1210.000	0.000	1250.000	1250.000	980.000	0.000	1520.000	1000.000	1570.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1175.000	1575.000
X1	72000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1010.000	1000.000	1000.000	1000.000	1000.000	1000.000	995.000	1130.000	0.000	1220.000
GR	955.000	1360.000	0.000	1400.000	1400.000	955.000	0.000	1570.000	0.000	1610.000
GR	1000.000	1500.000	1000.000	1600.000	1600.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1175.000	1575.000
X1	74040.000	0.000	0.000	0.000	50000.000	50000.000	50000.000	0.000	0.000	0.000
GR	1025.000	1410.000	1000.000	1460.000	1460.000	1025.000	1560.000	990.500	1640.000	0.000
GR	990.000	1600.000	0.000	1600.000	1600.000	990.000	1700.000	997.000	1720.000	0.000
GR	980.000	1800.000	0.000	1800.000	1800.000	980.000	1800.000	987.000	1860.000	0.000
GR	980.000	1900.000	0.000	1900.000	1900.000	980.000	1900.000	987.000	1960.000	0.000
GR	990.000	1900.000	0.000	2000.000	2000.000	990.000	2210.000	1000.000	2270.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1510.000	1960.000
X1	75650.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1025.000	1310.000	1000.000	1360.000	1360.000	1025.000	1430.000	995.000	1450.000	0.000
GR	990.000	1600.000	0.000	1600.000	1600.000	990.000	1700.000	995.000	1720.000	0.000
GR	1000.000	1800.000	1000.000	1800.000	1800.000	1000.000	1900.000	995.000	1950.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1650.000	2100.000
X1	77000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1025.000	1400.000	1000.000	1400.000	1400.000	1025.000	1600.000	990.000	1670.000	0.000
GR	980.000	1600.000	0.000	1600.000	1600.000	980.000	1700.000	990.000	1700.000	0.000
GR	1000.000	1800.000	1000.000	1800.000	1800.000	1000.000	1900.000	990.000	2000.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	1000.000	1450.000
X1	78610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1025.000	1000.000	1000.000	1000.000	1000.000	1025.000	1100.000	990.000	1035.000	0.000
GR	990.000	1300.000	0.000	1300.000	1300.000	990.000	1400.000	995.000	1350.000	0.000
GR	990.000	1400.000	1000.000	1500.000	1500.000	990.000	1700.000	995.000	1370.000	0.000

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NC	0.120	0.123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		*** TOPO SECTION NEF IV 209											
X1	104750.000	10.000	10353.000	1213.000	530.000	530.000	530.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1250.000	550.000	10355.000	660.000	10357.000	720.000	1025.000	760.000	1025.000	1000.000	1100.000	1000.000	1000.000
GR	1020.000	1770.000	10357.000	10357.000	10357.000	1075.000	1000.000	1080.000	000.000	000.000	1100.000	1100.000	1100.000
GR	999.000	1160.000	10358.000	10358.000	1001.000	1210.000	1003.000	1225.000	1005.000	1005.000	1400.000	1400.000	1400.000
GR	1030.000	1470.000	1035.000	1035.000	1050.000	1070.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		*** SECTION MCR-15 NEF LOB ORIG FROM TOPO											
X1	105610.000	17.000	1040.000	1027.000	880.000	880.000	880.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1050.000	750.000	1040.000	1060.000	1055.000	1030.000	1035.000	1470.000	1050.000	1050.000	1620.000	1620.000	1620.000
GR	1025.000	1650.000	1040.000	1060.000	1030.000	1740.000	1060.500	1750.000	1000.500	1000.500	1760.000	1760.000	1760.000
GR	999.000	1020.000	1040.000	1040.000	999.000	1030.000	999.000	1000.000	1000.000	1000.000	1920.000	1920.000	1920.000
GR	1020.000	1940.000	1040.000	1047.000	1025.000	2700.000	1050.000	2060.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		*** SECTION MCR-16 OD'S FROM TOPO											
X1	109600.000	17.000	1045.000	1009.000	3090.000	3090.000	3090.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1050.000	040.000	1045.000	1000.000	1011.500	1045.000	1003.400	1055.000	1003.000	1003.000	1070.000	1070.000	1070.000
GR	1000.000	1100.000	1040.000	1120.000	090.000	1140.000	1000.000	1200.000	1002.000	1002.000	1200.000	1200.000	1200.000
GR	1000.000	1200.000	1040.000	1220.000	1015.000	1370.000	1020.000	1390.000	1025.000	1025.000	1400.000	1400.000	1400.000
GR	1030.000	1490.000	1050.000	1050.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		*** TOPO SECTION USING CHANNEL SECTION MCR-17A											
X1	113500.000	24.000	1050.000	1060.000	4000.000	4000.000	4000.000	0.000	0.000	0.000	0.000	0.000	0.000
X4	1.000	1000.000	1050.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1050.000	000.000	1050.000	450.000	1030.000	000.000	1035.000	930.000	1030.000	1030.000	080.000	080.000	080.000
GR	1030.000	1000.000	1050.000	1000.000	1030.000	1500.000	1030.000	1600.000	1025.000	1025.000	1670.000	1670.000	1670.000
GR	1020.000	1710.000	1050.000	1750.000	1000.000	1760.000	1000.000	1800.000	1000.000	1000.000	1840.000	1840.000	1840.000
GR	1000.000	1000.000	1050.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000
GR	1000.000	1000.000	1050.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		*** TOPO SECTION USING CHANNEL SECTION MCR-17A											
X1	115070.000	20.000	1050.000	1060.000	115000.000	115000.000	115000.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1050.000	000.000	1050.000	1060.000	1060.000	2370.000	1030.000	500.000	1025.000	1025.000	650.000	650.000	650.000
GR	1025.000	1000.000	1050.000	1060.000	1035.000	1350.000	1035.000	1600.000	1030.000	1030.000	1710.000	1710.000	1710.000
GR	1000.000	1000.000	1050.000	1060.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000
GR	1000.000	1000.000	1050.000	1060.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000
GR	1000.000	1000.000	1050.000	1060.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		*** SECTION MCR-10 OD'S FROM TOPO											
X1	121140.000	20.000	1050.000	1060.000	5170.000	5170.000	5170.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	1075.000	000.000	1050.000	1060.000	1075.000	1075.000	1075.000	1000.000	1000.000	1000.000	1260.000	1260.000	1260.000
GR	1030.000	1450.000	1050.000	1060.000	1010.000	1010.000	1010.000	1010.000	1010.000	1010.000	1657.000	1657.000	1657.000
GR	1000.000	1660.000	1050.000	1060.000	1010.000	1010.000	1010.000	1010.000	1010.000	1010.000	1740.000	1740.000	1740.000
GR	1000.000	1750.000	1050.000	1060.000	1010.000	1010.000	1010.000	1010.000	1010.000	1010.000	1840.000	1840.000	1840.000
GR	1000.000	1860.000	1050.000	1060.000	1010.000	1010.000	1010.000	1010.000	1010.000	1010.000	1915.000	1915.000	1915.000





5

GR	1045.000	1720.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1250.000	1430.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	1250.000	1430.000
X1	123500.000	0.000	0.000	0.000	0.000	47.000	47.000	47.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* SECTION MCP-21 OB'S FROM TCPO

THIS RUN EXECUTED 14 FEB 85 7:55:44

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 74 UPDATED MAY 1984  
 ERROR CORR - 01,02,03,04,05,06  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 MORGANTON NC PTS SAWPOFF PATCHES OF  
 T2 100 YR ENCROACHED  
 T3 CATAWBA RIVER

01 CHECK INQ NINV DIR STRT METRIC ANVINS Q WSEL FQ  
 0. 4. 2. 0.07000 0.00 0.0 3. 1003.900 0.000

02 NPROF PLOT PVS XSECV XSECH FN ALLDC ISW CHNIM ITRAC  
 15.000 0.020 -1.000 0.000 0.000 0.000 0.000 0.000 15.000

57

THIS RUN EXECUTED 14 FEB 85 7:56:04

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 74 UPDATED MAY 1984  
 ERROR CORR - 01, 02, 23, 24, 05, 06  
 MODIFICATION - 50, 51, 52, 53, 54, 55  
 \*\*\*\*\*

NOTE: ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

CATAWBA RIVER  
SUMMARY PRINTOUT

SECHNO	CWSEL	EG	BLIN	ELLC	10K+S	Q
69560.000	1003.90	1004.05	981.00	0.00	2.31	40000.00
69560.000	1003.92	1004.12	981.00	0.00	2.31	40000.00
69561.000	1003.90	1004.05	981.00	0.00	2.31	40000.00
69561.000	1003.92	1004.12	981.00	0.00	2.31	40000.00
69562.000	1003.90	1004.05	981.00	0.00	2.31	40000.00
69562.000	1003.92	1004.12	981.00	0.00	2.31	40000.00
69565.000	1003.90	1004.05	981.00	0.00	2.31	40000.00
69565.000	1003.92	1004.12	981.00	0.00	2.31	40000.00
69570.000	1003.90	1004.05	981.00	0.00	2.31	40000.00
69570.000	1003.92	1004.12	981.00	0.00	2.31	40000.00
69580.000	1003.90	1004.05	981.00	0.00	2.31	40000.00
69580.000	1003.91	1004.12	981.00	0.00	2.31	40000.00
69600.000	1003.91	1004.06	981.00	0.00	2.31	40000.00
69600.000	1003.91	1004.13	981.00	0.00	2.31	40000.00
69660.000	1003.92	1004.07	981.10	0.00	2.33	40000.00
69660.000	1003.93	1004.15	981.10	0.00	2.34	40000.00
70730.000	1004.10	1004.54	982.50	0.00	6.28	40000.00
70730.000	1004.19	1004.74	982.50	0.00	7.23	40000.00
72800.000	1005.55	1006.05	985.00	0.00	8.28	40000.00
72800.000	1005.54	1006.46	985.00	0.00	9.31	40000.00
74840.000	1007.04	1007.01	986.00	0.00	7.59	38200.00
74840.000	1007.07	1007.38	986.00	0.00	8.59	38200.00

SECNO	CWSEL	EG	ELMIN	ELLC	10K+S	Q
75650.000	1007.91	1008.19	987.10	0.00	6.24	38200.00
75650.000	1008.35	1008.82	987.10	0.00	6.93	38200.00
77820.000	1009.13	1009.55	987.80	0.00	6.12	38200.00
77820.000	1009.78	1010.25	987.80	0.00	6.27	38200.00
78610.000	1009.66	1010.31	988.00	0.00	5.33	38200.00
78610.000	1010.71	1010.73	988.00	0.00	5.75	38200.00
79530.000	1010.14	1010.71	988.10	0.00	8.61	38200.00
79530.000	1010.51	1011.49	988.10	0.00	9.06	38200.00
80550.000	1011.07	1011.87	988.40	0.00	9.54	38200.00
80550.000	1011.77	1012.40	989.40	0.00	8.72	38200.00
81970.000	1012.36	1013.15	988.60	0.00	10.64	38200.00
81970.000	1013.00	1013.31	988.60	0.00	10.17	38200.00
82420.000	1012.85	1013.60	986.00	0.00	0.16	38200.00
82420.000	1013.47	1014.24	986.00	0.00	8.81	38200.00
82480.000	1012.98	1013.66	983.00	0.00	7.59	38200.00
82480.000	1013.61	1014.29	983.00	0.00	7.21	38200.00
82527.000	1013.30	1013.72	979.70	0.00	6.17	38200.00
82527.000	1013.96	1014.35	979.70	0.00	5.53	38200.00
82526.000	1013.29	1013.73	979.70	1020.40	11.54	38200.00
82526.000	1013.95	1014.36	979.70	1020.40	10.49	38200.00
82552.000	1013.32	1013.76	979.70	1020.40	11.52	38200.00
82552.000	1013.98	1014.39	979.70	1020.40	10.47	38200.00
82553.000	1013.35	1013.76	979.70	0.00	6.13	38200.00
82553.000	1014.00	1014.39	979.70	0.00	5.49	38200.00
82654.000	1013.36	1013.86	982.80	0.00	7.44	38200.00
82654.000	1014.02	1014.48	982.80	0.00	6.68	38200.00
82655.000	1013.33	1013.83	982.80	1041.70	15.06	38200.00
82655.000	1013.99	1014.50	982.80	1041.70	13.68	38200.00
82685.000	1013.30	1013.93	982.80	1041.70	14.97	38200.00
82685.000	1014.03	1014.54	982.80	1041.70	13.61	38200.00
82686.000	1013.34	1013.93	982.80	0.00	7.35	38200.00
82686.000	1014.09	1014.50	982.80	0.00	6.53	38200.00
82735.000	1013.62	1014.30	985.00	0.00	6.61	38200.00
82735.000	1014.26	1014.62	985.00	0.00	6.10	38200.00

SRCNO	CWSEL	EG	ELMIN	ELLC	10K*S	Q
82705.000	1013.58	1014.06	987.00	0.00	6.13	38200.00
82705.000	1014.15	1014.66	987.00	0.00	6.04	38200.00
83210.000	1014.07	1014.24	988.70	0.00	2.38	32000.00
83240.000	1014.60	1014.85	988.70	0.00	2.90	32000.00
83240.000	1014.60	1014.62	988.70	0.00	6.80	32000.00
83540.000	1014.56	1015.25	988.70	0.00	6.89	32000.00
85640.000	1015.28	1015.63	989.20	0.00	4.54	32000.00
85640.000	1015.89	1016.29	989.20	0.00	4.75	32000.00
90000.000	1017.26	1017.71	990.70	0.00	4.81	32000.00
90000.000	1017.28	1018.31	990.70	0.00	4.47	32000.00
92570.000	1018.63	1019.20	990.70	0.00	5.99	32000.00
92570.000	1018.20	1018.22	990.70	0.00	7.18	32000.00
95800.000	1020.18	1020.52	991.10	0.00	3.40	32000.00
95800.000	1021.00	1021.35	991.10	0.00	3.14	32000.00
96540.000	1020.43	1020.82	991.20	0.00	4.04	32000.00
96540.000	1021.21	1021.61	991.20	0.00	3.92	32000.00
96591.000	1020.57	1020.84	990.50	0.00	4.14	32000.00
96591.000	1021.34	1021.64	990.50	0.00	3.65	32000.00
96592.000	1020.50	1020.86	990.50	1043.70	0.47	32000.00
96592.000	1021.32	1021.65	990.50	1043.70	0.57	32000.00
96648.000	1020.55	1020.91	990.50	1043.70	0.42	32000.00
96648.000	1021.37	1021.70	990.50	1043.70	0.49	32000.00
96649.000	1020.59	1020.91	990.50	0.00	4.10	32000.00
96649.000	1021.41	1021.71	990.50	0.00	3.62	32000.00
96700.000	1020.57	1020.86	991.10	0.00	4.02	32000.00
96700.000	1021.38	1021.75	991.10	0.00	3.68	32000.00
98120.000	1021.15	1021.55	993.30	0.00	4.19	32000.00
98120.000	1021.91	1022.33	993.30	0.00	3.94	32000.00
102030.000	1023.36	1023.81	999.70	0.00	5.60	27000.00
102030.000	1023.97	1024.40	999.70	0.00	5.14	27000.00
104055.000	1024.06	1024.51	997.40	0.00	5.80	27000.00
104055.000	1024.62	1025.08	997.40	0.00	5.50	27000.00
104100.000	1024.23	1024.55	997.40	0.00	5.53	27000.00
104100.000	1024.80	1025.10	997.40	0.00	5.24	27000.00

SECNO	CWSEL	BE	SLMIN	FLC	10K'S	
104109.000	1024.21	1024.55	997.40	1032.20	10.16	27000.00
104109.000	1024.78	1025.11	997.40	1032.20	9.23	27000.00
104151.000	1024.25	1024.69	997.40	1032.20	10.11	27000.00
104151.000	1024.92	1025.15	997.40	1032.20	9.19	27000.00
104152.000	1024.29	1024.61	997.40	0.00	5.66	27000.00
104152.000	1024.85	1025.15	997.40	0.00	5.19	27000.00
104200.000	1024.24	1024.58	997.40	0.00	5.64	27000.00
104200.000	1024.58	1025.23	997.40	0.00	5.36	27000.00
104730.000	1024.67	1024.95	999.00	0.00	4.04	27000.00
104730.000	1025.14	1025.51	999.00	0.00	4.79	27000.00
105610.000	1024.97	1025.24	999.00	0.00	3.99	27000.00
105610.000	1025.52	1025.98	999.00	0.00	3.84	27000.00
109600.000	1026.71	1027.11	999.60	0.00	4.93	27000.00
109600.000	1027.23	1027.65	999.60	0.00	4.97	27000.00
113600.000	1028.51	1028.37	1000.00	0.00	3.92	27000.00
113600.000	1029.28	1029.59	1000.00	0.00	4.73	27000.00
115970.000	1029.68	1029.89	1001.80	0.00	4.72	27000.00
115970.000	1030.27	1030.73	1001.80	0.00	4.76	27000.00
121140.000	1031.94	1032.24	1008.90	0.00	4.37	27000.00
121140.000	1032.67	1032.96	1008.80	0.00	3.88	27000.00
123375.000	1033.12	1033.68	1010.60	0.00	8.89	25400.00
123375.000	1033.72	1034.28	1010.60	0.00	8.17	25400.00
123427.000	1033.31	1033.74	1010.60	0.00	9.94	25400.00
123427.000	1033.93	1034.32	1010.60	0.00	8.60	25400.00
123428.000	1033.27	1033.77	1011.00	1052.70	17.15	25400.00
123428.000	1033.89	1034.35	1011.00	1052.70	15.52	25400.00
123452.000	1033.32	1033.81	1011.00	1052.70	17.04	25400.00
123452.000	1033.93	1034.38	1011.00	1052.70	15.45	25400.00
123453.000	1033.32	1033.81	1011.00	0.00	8.22	25400.00
123453.000	1033.91	1034.40	1011.00	0.00	7.69	25400.00
123500.000	1033.35	1033.86	1011.00	0.00	8.37	25400.00
123500.000	1033.96	1034.24	1011.00	0.00	7.46	25400.00

CATAWBA RIVER

SUMMARY PRINTOUT



SECTN	INSEL	SSTA	STCHL	STCHS	ENDST	TOPWID	10K+S
69560.000	1003.90	1052.20	1220.00	1710.00	1944.68	892.48	2.01
69560.000	1003.90	1220.00	1220.00	1710.00	1710.00	490.00	2.81
69561.000	1003.90	1052.20	1220.00	1710.00	1944.68	892.48	2.01
69561.000	1003.90	1220.00	1220.00	1710.00	1710.00	490.00	2.81
69562.000	1003.90	1052.20	1220.00	1710.00	1944.68	892.48	2.01
69562.000	1003.90	1220.00	1220.00	1710.00	1710.00	490.00	2.81
69565.000	1003.90	1052.20	1220.00	1710.00	1944.68	892.48	2.00
69565.000	1003.90	1220.00	1220.00	1710.00	1710.00	490.00	2.81
69570.000	1003.90	1052.20	1220.00	1710.00	1944.68	892.49	2.00
69570.000	1003.90	1220.00	1220.00	1710.00	1710.00	490.00	2.81
69580.000	1003.91	1052.10	1220.00	1710.00	1944.68	892.49	2.00
69580.000	1003.91	1220.00	1220.00	1710.00	1710.00	490.00	2.81
69600.000	1003.91	1052.18	1220.00	1710.00	1944.69	892.51	2.00
69600.000	1003.91	1220.00	1220.00	1710.00	1710.00	490.00	2.81
70730.000	1003.92	1052.26	1220.00	1710.00	1944.58	892.22	2.03
70730.000	1003.92	1220.00	1220.00	1710.00	1710.00	490.00	2.84
70730.000	1004.10	1037.71	1210.00	1520.00	1540.14	502.42	6.20
70730.000	1004.10	1175.00	1210.00	1520.00	1525.00	350.00	7.23
72800.000	1005.55	1053.44	1220.00	1480.00	1646.66	593.21	8.28
72800.000	1005.84	1175.00	1220.00	1480.00	1575.00	400.00	9.31
74040.000	1005.64	1455.39	1686.00	1955.00	2336.42	880.53	7.89
74040.000	1007.07	1675.00	1686.00	1955.00	2200.00	525.00	8.59
75650.000	1007.81	1370.16	1680.00	1950.00	2060.62	690.47	6.24
75650.000	1008.35	1510.00	1680.00	1950.00	1960.00	450.00	6.93
77820.000	1009.13	1548.87	1670.00	1950.00	2280.26	739.39	6.12
77820.000	1009.78	1650.00	1670.00	1950.00	2100.00	450.00	6.27
79610.000	1009.66	852.04	1060.00	1370.00	1605.04	752.10	5.33
79610.000	1010.31	1000.00	1060.00	1370.00	1450.00	450.00	5.75
79530.000	1010.14	774.54	1060.00	1320.00	1354.34	570.80	8.61
79530.000	1010.81	1000.00	1060.00	1320.00	1300.00	330.00	9.06
80550.000	1011.02	817.41	1060.00	1290.00	1317.64	500.22	9.54
80550.000	1011.77	900.00	1060.00	1290.00	1300.00	400.00	8.72



SECNO	CWSEL	SSTA	STCHL	STCHP	ENDST	TOPWID	TK*5
81970.000	1013.28	1040.00	1050.00	1270.00	1380.00	453.85	10.64
81970.000	1013.28	1040.00	1050.00	1270.00	1380.00	440.00	10.17
82420.000	1012.85	1021.44	1050.00	1235.00	1458.77	437.33	9.16
82420.000	1013.47	1040.00	1050.00	1235.00	1380.00	340.00	8.81
82480.000	1012.98	1021.78	1050.00	1235.00	1450.25	437.97	7.59
82480.000	1013.61	1040.00	1050.00	1235.00	1390.70	350.00	7.21
82527.000	1013.30	1019.55	1021.00	1434.00	1401.60	383.05	6.17
82527.000	1013.66	1019.00	1021.00	1434.00	1400.00	381.00	5.53
82528.000	1013.29	1019.55	1001.00	1434.00	1451.50	383.04	11.54
82528.000	1013.95	1019.00	1001.00	1434.00	1400.00	351.00	10.49
82552.000	1013.32	1019.55	1001.00	1434.00	1401.61	383.06	11.52
82552.000	1013.68	1019.00	1001.00	1434.00	1400.00	381.00	10.47
82553.000	1013.39	1019.54	1021.00	1434.00	1401.67	383.13	6.13
82553.000	1013.63	1019.00	1021.00	1434.00	1400.00	381.00	5.49
82654.000	1013.36	1049.83	1000.00	1450.00	1401.84	352.01	7.44
82654.000	1014.02	1049.78	1000.00	1450.00	1400.00	351.22	6.68
82655.000	1013.33	1049.87	1000.00	1450.00	1401.79	351.92	15.06
82655.000	1013.99	1051.00	1000.00	1450.00	1400.00	349.00	13.68
82685.000	1013.38	1049.81	1000.00	1450.00	1401.86	352.05	14.97
82685.000	1014.03	1051.00	1000.00	1450.00	1400.00	349.00	13.61
82696.000	1013.44	1049.71	1000.00	1450.00	1401.96	352.25	7.35
82696.000	1014.09	1051.00	1000.00	1450.00	1400.00	349.00	6.58
82735.000	1013.42	1001.41	1110.00	1324.00	1454.44	453.03	6.61
82735.000	1014.06	1020.00	1110.00	1324.00	1420.00	400.00	6.16
82785.000	1013.56	949.14	1110.00	1324.00	1504.68	555.54	6.13
82785.000	1014.15	1000.00	1110.00	1324.00	1440.00	440.00	6.04
83210.000	1014.00	583.97	1040.00	1330.00	1389.00	805.03	2.38
83210.000	1014.50	850.00	1040.00	1330.00	1350.00	500.00	2.00
83840.000	1014.09	1520.00	1753.00	1971.00	2026.42	505.44	6.80
83840.000	1014.66	1680.00	1782.00	1971.00	1980.00	300.00	6.89
85640.000	1015.20	868.05	1780.00	1980.00	2010.56	1142.51	4.54
85640.000	1015.89	1170.00	1780.00	1980.00	1990.00	820.00	4.75
90000.000	1017.26	1492.75	1725.00	1945.00	2384.28	691.53	4.81
90000.000	1017.83	1715.00	1725.00	1945.00	2100.00	335.00	4.47

SECNO	CASEL	ESTA	STCHL	STCHP	ENDST	TOPWID	12K*5
92570.000	1018.63	1200.00	1800.00	1958.00	1958.00	760.00	5.09
92570.000	1019.22	1200.00	1800.00	1958.00	1958.00	760.00	7.18
95800.000	1020.18	2550.52	2770.00	3015.00	3049.17	400.65	3.40
95800.000	1021.02	2700.00	2770.00	3015.00	3025.00	400.00	3.14
96540.000	1020.43	3450.00	3575.00	3785.00	3828.00	378.00	4.04
96540.000	1021.31	3500.00	3575.00	3785.00	3795.00	295.00	3.92
96591.000	1020.52	3500.00	3500.00	3872.00	3828.00	329.00	4.14
96591.000	1021.34	3500.00	3500.00	3872.00	3828.00	328.00	3.65
96592.000	1020.53	3123.20	3500.00	3872.00	3828.00	705.00	9.47
96592.000	1021.32	3500.00	3500.00	3872.00	3828.00	328.00	8.54
96648.000	1020.55	3120.47	3500.00	3872.00	3828.00	708.00	9.42
96648.000	1021.37	3500.00	3500.00	3872.00	3828.00	328.00	8.49
96649.000	1020.59	3500.00	3500.00	3872.00	3828.00	329.00	4.10
96649.000	1021.41	3500.00	3500.00	3872.00	3828.00	328.00	3.62
96700.000	1020.57	3450.00	3500.00	3783.00	3875.25	425.25	4.02
96700.000	1021.38	3500.00	3500.00	3783.00	3850.00	350.00	3.68
98120.000	1021.15	4000.00	4039.00	4251.00	4300.00	423.00	4.19
98120.000	1021.91	4000.00	4039.00	4251.00	4300.00	320.00	3.94
102830.000	1023.36	1620.05	1760.00	1958.00	2097.05	477.05	5.60
102830.000	1023.07	1650.00	1760.00	1958.00	2000.00	350.00	5.10
104055.000	1024.08	1960.00	2053.00	2225.00	2340.00	371.00	5.80
104055.000	1024.62	1980.00	2053.00	2225.00	2320.00	340.00	5.50
104108.000	1024.22	1970.00	1970.00	2318.00	2318.00	348.00	5.53
104108.000	1024.62	1970.00	1970.00	2318.00	2318.00	348.00	5.24
104109.000	1024.21	1965.00	1970.00	2318.00	2397.39	431.71	10.16
104109.000	1024.73	1970.00	1970.00	2318.00	2318.00	340.00	9.23
104151.000	1024.25	1965.00	1970.00	2318.00	2397.49	432.40	10.11
104151.000	1024.82	1970.00	1970.00	2318.00	2318.00	348.00	9.19
104152.000	1024.29	1970.00	1970.00	2318.00	2318.00	348.00	5.46
104152.000	1024.05	1970.00	1970.00	2318.00	2318.00	348.00	5.19
104200.000	1024.24	1965.00	2053.00	2225.00	2340.00	374.87	5.64
104200.000	1024.80	2010.00	2053.00	2225.00	2320.00	310.00	5.36
104330.000	1024.67	1981.00	1953.00	1210.00	1455.00	453.10	4.04
104330.000	1025.14	1940.00	1953.00	1210.00	1350.00	310.00	4.79

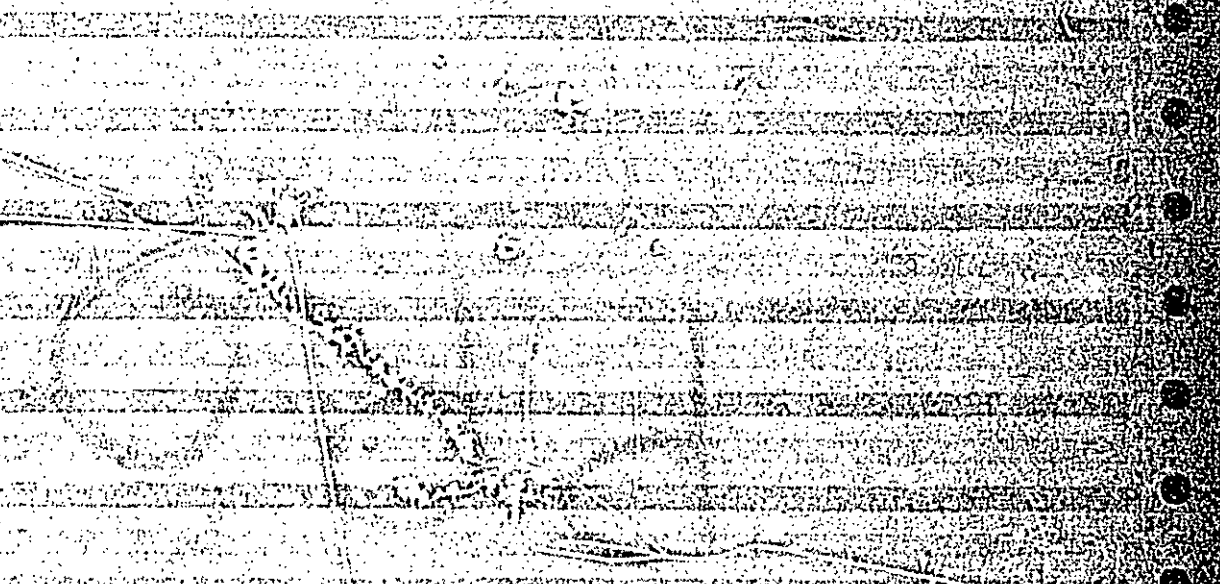
SECHO	CWCEL	SSTA	STCHL	STCHR	ENDST	TOPWID	10K*5
105610.000	1024.57	1699.45	1740.00	1947.00	1990.89	240.75	3.99
105610.000	1025.52	1700.00	1740.00	1947.00	1960.00	250.00	3.84
109600.000	1026.21	1835.69	1845.00	1929.00	1430.86	434.98	4.93
109610.000	1027.22	1835.00	1845.00	1900.00	1350.00	315.00	4.97
113600.000	1028.51	1998.68	1753.00	1962.00	1990.07	513.08	3.92
113620.000	1029.22	1875.00	1753.00	1962.00	1950.00	275.00	4.73
115970.000	1029.42	1994.26	1753.00	1942.00	1959.48	846.52	4.72
115970.000	1030.27	1710.00	1753.00	1942.00	1960.00	250.00	4.76
121140.000	1031.64	1376.79	1657.00	1935.00	1970.58	594.20	4.37
121140.000	1032.67	1500.00	1657.00	1935.00	1950.00	450.00	3.88
123375.000	1033.12	1007.51	1093.00	1301.00	1500.00	413.62	9.99
123375.000	1033.70	1050.00	1093.00	1301.00	1350.00	300.00	8.17
123427.000	1033.31	1006.74	1000.00	1396.00	1359.92	352.18	9.94
123427.000	1033.91	1007.00	1000.00	1396.00	1356.00	351.00	8.60
123428.000	1033.27	1041.45	1000.00	1396.00	1351.87	310.41	17.15
123428.000	1033.89	1040.64	1000.00	1396.00	1357.13	316.48	15.52
123452.000	1033.72	1041.45	1000.00	1396.00	1352.10	310.79	17.31
123452.000	1033.93	1040.61	1000.00	1396.00	1357.36	316.75	15.45
123453.000	1033.32	1037.12	1093.00	1301.00	1500.00	462.87	8.22
123453.000	1033.91	1036.12	1093.00	1301.00	1350.00	321.88	7.69
123500.000	1033.35	1050.00	1093.00	1301.00	1430.00	380.00	8.37
123500.000	1033.66	1050.00	1093.00	1301.00	1430.00	380.00	7.46

FLOODWAY DATA CATAWBA RIVER  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION		WATER SURFACE ELEVATION		
		AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1071	14.6	1071	3.7	1071	1071	0.0
1072	14.6	1072	3.7	1072	1072	0.0
1073	14.6	1073	3.7	1073	1073	0.0
1074	14.6	1074	3.7	1074	1074	0.0
1075	14.6	1075	3.7	1075	1075	0.0
1076	14.6	1076	3.7	1076	1076	0.0
1077	14.6	1077	3.7	1077	1077	0.0
1078	14.6	1078	3.7	1078	1078	0.0
1079	14.6	1079	3.7	1079	1079	0.0
1080	14.6	1080	3.7	1080	1080	0.0
1081	14.6	1081	3.7	1081	1081	0.0
1082	14.6	1082	3.7	1082	1082	0.0
1083	14.6	1083	3.7	1083	1083	0.0
1084	14.6	1084	3.7	1084	1084	0.0
1085	14.6	1085	3.7	1085	1085	0.0
1086	14.6	1086	3.7	1086	1086	0.0
1087	14.6	1087	3.7	1087	1087	0.0
1088	14.6	1088	3.7	1088	1088	0.0
1089	14.6	1089	3.7	1089	1089	0.0
1090	14.6	1090	3.7	1090	1090	0.0
1091	14.6	1091	3.7	1091	1091	0.0
1092	14.6	1092	3.7	1092	1092	0.0
1093	14.6	1093	3.7	1093	1093	0.0
1094	14.6	1094	3.7	1094	1094	0.0
1095	14.6	1095	3.7	1095	1095	0.0
1096	14.6	1096	3.7	1096	1096	0.0
1097	14.6	1097	3.7	1097	1097	0.0
1098	14.6	1098	3.7	1098	1098	0.0
1099	14.6	1099	3.7	1099	1099	0.0
1100	14.6	1100	3.7	1100	1100	0.0
1101	14.6	1101	3.7	1101	1101	0.0
1102	14.6	1102	3.7	1102	1102	0.0
1103	14.6	1103	3.7	1103	1103	0.0
1104	14.6	1104	3.7	1104	1104	0.0
1105	14.6	1105	3.7	1105	1105	0.0
1106	14.6	1106	3.7	1106	1106	0.0
1107	14.6	1107	3.7	1107	1107	0.0
1108	14.6	1108	3.7	1108	1108	0.0
1109	14.6	1109	3.7	1109	1109	0.0
1110	14.6	1110	3.7	1110	1110	0.0
1111	14.6	1111	3.7	1111	1111	0.0
1112	14.6	1112	3.7	1112	1112	0.0
1113	14.6	1113	3.7	1113	1113	0.0
1114	14.6	1114	3.7	1114	1114	0.0
1115	14.6	1115	3.7	1115	1115	0.0
1116	14.6	1116	3.7	1116	1116	0.0
1117	14.6	1117	3.7	1117	1117	0.0
1118	14.6	1118	3.7	1118	1118	0.0
1119	14.6	1119	3.7	1119	1119	0.0
1120	14.6	1120	3.7	1120	1120	0.0

FLOODWAY DATA CATAUGUS RIVER

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
				WITH FLOODWAY	WITHOUT FLOODWAY	
104051	100	5923	4.5	1024.7	1024.1	0.6
104101	100	6040	4.4	1024.7	1024.1	0.6
104151	100	6189	4.4	1024.4	1024.2	0.2
104201	100	5853	4.6	1024.4	1024.3	0.1
104251	100	5863	4.6	1024.4	1024.3	0.1
104301	100	4125	4.4	1024.4	1024.3	0.1
104351	100	3808	4.4	1024.4	1024.2	0.2
104401	100	3832	4.4	1024.4	1024.2	0.2
104451	100	4423	4.5	1024.4	1024.0	0.4
104501	100	4477	4.2	1024.4	1023.9	0.5
104551	100	4488	4.6	1024.4	1023.9	0.5
104601	100	5379	5.3	1024.4	1023.9	0.5
104651	100	7154	5.8	1024.4	1023.9	0.5
104701	100	4774	5.3	1024.4	1023.9	0.5
104751	100	5856	5.4	1024.4	1023.9	0.5
104801	100	4677	5.4	1024.4	1023.9	0.5
104851	100	4685	5.4	1024.4	1023.9	0.5
104901	100	5179	4.9	1024.4	1023.9	0.5
104951	100	5541	4.6	1024.4	1023.9	0.5



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