

**YADKIN RIVER**

**Floodway**

1 NORTH WILKESBORO, N.C.  
 2 FLOOD INSURANCE STUDY  
 3 YADKIN RIVER 100-YEAR D

	ING	MINV	IDIR	SIFI	MEIRIC	WVINS	D	WSEL	EQ
	12/01	PREVS	XSECV	XSEFY	FN	ALIDC	IPR	CHNTH	IPRACF
1	1,000	-0	-0	-0	-0	-0	-0	-0	-0
2	53,000	31,000	40,000	41,000	42,000	43,000	1,000	2,000	1,000
3	14,000	54,000	38,000	38,000	1,000	7,000	8,000	24,000	13,000
4	100	100	100	100	100	100	100	100	100
5	5,000	12500,000	27400,000	42000,000	124000,000	124000,000	-0	-0	-0
6	-0	-0	-0	-0	10,400	-0	-0	-0	-0
7	863,900	21,000	724,000	873,000	-0	-0	-0	-0	-0
8	980,000	0	959,000	959,500	959,500	63,000	957,500	68,000	959,500
9	951,000	115,000	947,000	205,000	946,200	212,000	947,500	215,000	951,000
10	908,000	700,000	941,700	724,000	930,100	719,000	930,100	825,000	929,300
11	945,000	873,000	944,600	925,000	947,300	1125,000	954,100	1172,000	948,900
12	968,000	1326,000	965,700	1335,000	980,000	1365,000	-0	-0	1325,000
13	820,900	0	0	0	100,000	100,000	100,000	1,000	-0
14	885,000	0	0	0	100,000	100,000	100,000	1,000	-0
15	530,900	0	0	0	500,000	500,000	500,000	1,000	-0
16	900,000	27,000	927,000	1102,000	1815,000	1815,000	1815,000	-0	-0
17	920,000	0	964,300	48,000	968,500	55,000	955,900	105,000	555,800
18	958,000	555,000	957,800	610,000	953,000	619,000	959,500	832,000	959,600
19	960,000	645,000	952,600	488,000	947,900	705,000	948,300	727,000	946,100
20	954,000	780,000	951,800	828,000	956,300	862,000	955,000	927,000	931,300
21	932,000	1005,000	930,300	1025,000	930,500	1078,000	948,700	1102,000	944,900
22	948,000	1252,000	980,000	1317,000	-0	-0	-0	-0	-0
23	084	084	054	106	300	-0	-0	-0	-0
24	922,600	34,000	443,000	595,000	1025,000	1220,000	1365,000	-0	-0
25	908,000	0	971,900	60,000	965,500	82,000	981,800	95,000	981,000
26	950,000	195,000	966,900	227,000	959,200	232,000	956,400	255,000	959,600
27	932,000	469,000	932,200	305,000	950,300	430,000	946,900	843,000	933,200
28	953,000	745,000	950,700	518,000	930,600	566,000	950,700	593,000	949,500
29	955,000	1405,000	957,100	1645,000	960,300	1778,000	955,300	1845,000	959,900
30	971,000	2175,000	972,700	2192,000	972,000	2205,000	980,000	2462,000	960,900
31	935,400	35,000	203,000	437,000	1275,000	1275,000	1275,000	-0	-0
32	980,000	0	963,000	75,000	962,100	145,000	959,700	170,000	963,100
33	943,000	302,000	953,500	353,000	948,000	405,000	948,000	453,000	948,000

935,000	202,000	25,000	22,000	1,400,000	207,000	1,580,000	752,000	99,700	251,000
940,000	245,000	932,000	315,000	931,500	345,000	932,300	308,000	932,900	415,000
945,000	437,000	952,000	665,000	966,700	845,000	961,400	1062,000	960,200	1088,000
950,000	1075,000	959,000	1345,000	955,500	1348,000	957,400	1365,000	961,200	1062,000
955,000	1726,000	956,400	1732,000	962,100	1742,000	961,600	1845,000	964,200	1875,000
960,000	2265,000	975,900	2392,000	975,400	2414,000	976,300	2415,000	980,000	2445,000
1	949,100	0	0	1550,000	1375,000	1200,000	1,000	-0	-0
1	953,100	0	0	400,000	400,000	400,000	1,000	1,100	-0
1	955,100	0	0	200,000	200,000	200,000	1,000	-0	-0
1	954,100	15,000	310,000	95,000	95,000	95,000	-0	-0	-0
2	970,000	155,000	961,400	951,600	931,400	934,400	345,000	932,900	380,000
3	935,000	405,000	934,500	931,400	955,000	932,900	475,000	944,100	480,000
4	950,000	530,000	944,600	940,200	710,000	963,500	750,000	970,000	860,000
1	954,500	0	0	55,000	55,000	55,000	1,000	-0	-0
1	956,900	0	0	25,000	25,000	25,000	1,000	-0	-0
1	1,250	2,040	1,000	474,000	23,500	6089,000	-0	-0	-0
1	957,300	17,000	290,000	40,000	40,000	40,000	-0	-0	-0
2	9,000	35,000	962,600	964,000	135,000	966,300	193,000	965,900	964,000
3	330,000	947,200	964,000	625,000	961,200	964,000	967,300	964,000	1525,000
4	970,000	964,000	2025,000	964,300	2509,000	980,000	960,000	-0	-0
1	966,000	959,000	30,000	952,500	115,000	951,500	220,000	952,900	290,000
2	935,000	325,000	935,400	932,100	415,000	931,800	630,000	947,900	450,000
3	950,000	515,000	948,700	949,200	615,000	954,000	650,000	960,600	800,000
4	971,000	820,000	971,300	-0	-0	-0	-0	-0	-0
1	957,600	0	0	25,000	25,000	25,000	1,000	-0	-0
2	5,000	12300,000	27300,000	41500,000	21500,000	124500,000	-0	-0	-0
1	958,100	0	0	55,000	55,000	55,000	1,000	-0	-0
1	959,100	0	0	100,000	100,000	100,000	1,000	-0	-0
1	964,100	0	0	500,000	500,000	500,000	1,000	700	-0
1	975,000	0	0	1090,000	1090,000	1090,000	1,000	1,700	-0
1	960,000	0	0	1500,000	1500,000	1500,000	1,000	600	-0
1	999,200	29,000	1931,000	2105,000	920,000	920,000	-0	-0	-0
2	951,000	0	971,200	195,000	964,000	961,000	110,000	963,000	925,000
3	964,000	430,000	962,000	950,000	950,000	950,000	-0	-0	-0

GR	960.000	430.000	967.000	435.000	559.700	445.000	667.500	450.000	561.100	485.000
GR	952.000	930.000	959.000	1030.000	954.300	1230.000	957.300	1345.000	951.300	1430.000
GR	951.000	1490.000	947.900	1500.000	952.200	1510.000	951.600	1530.000	954.000	1635.000
GR	953.000	1730.000	955.700	1931.000	935.900	1982.000	937.400	2030.000	936.900	2050.000
GR	938.000	2093.000	952.200	2095.000	950.500	2105.000	980.000	2142.000	-0	-0
X1	1005.500	40.000	1857.000	2045.000	535.000	555.000	665.000	-0	-0	-0
GR	950.000	80.000	961.200	400.000	958.600	530.000	957.800	1090.000	952.500	1178.000
GR	953.000	1245.000	956.000	1730.000	958.700	1810.000	956.200	1929.000	959.000	1952.000
GR	937.000	1930.000	927.100	1955.000	947.300	2030.000	942.800	2072.000	951.800	2085.000
GR	951.000	2130.000	951.300	2630.000	958.300	2730.000	954.200	3030.000	954.300	3030.000
GR	955.000	3452.000	963.400	3475.000	963.300	3495.000	955.200	3519.000	954.800	3530.000
GR	954.000	3730.000	955.800	3850.000	948.100	3855.000	947.800	3870.000	954.000	3930.000
GR	956.000	4430.000	957.600	4485.000	960.200	4495.000	961.000	4515.000	958.300	4525.000
GR	955.000	4830.000	960.800	4830.000	977.800	5025.000	977.100	5045.000	980.000	5055.000
X1	1010.500	20.000	1450.000	1650.000	1405.000	1405.000	1700.000	-0	-0	-0
GR	950.000	100.000	957.200	1100.000	954.600	1230.000	954.000	1330.000	959.200	1410.000
GR	955.000	1430.000	956.100	1670.000	958.200	1460.000	958.900	1505.000	937.500	1530.000
GR	941.000	1560.000	940.900	1590.000	959.400	1650.000	956.500	1665.000	955.000	1725.000
GR	957.000	1750.000	956.500	1780.000	957.500	1925.000	955.500	1930.000	980.000	2078.000
X1	1024.500	0	0	0	500.000	500.000	500.000	1.000	1.100	-0
X1	1026.500	0	0	0	200.000	200.000	200.000	1.000	.500	-0
X1	1028.000	20.000	1748.000	1978.000	120.000	120.000	120.000	-0	-0	-0
GR	960.000	0	967.000	1350.000	966.300	1370.000	958.400	1390.000	957.200	1400.000
GR	954.000	1485.000	957.200	1700.000	947.500	1725.000	956.600	1788.000	982.500	1812.000
GR	942.000	1670.000	941.200	1900.000	941.500	1945.000	944.800	1965.000	958.800	1978.000
GR	952.000	2000.000	973.500	2040.000	976.300	2145.000	975.800	2180.000	980.000	2237.000
X1	1028.500	0	0	0	50.000	50.000	50.000	1.000	-0	-0
X1	1028.700	0	0	0	25.000	25.000	25.000	1.000	-0	-0
X1	1028.800	0	0	0	5.000	5.000	5.000	1.000	-0	-0
X1	1.250	2.000	1.000	0	460.000	24.000	782.000	-0	-0	-0
X1	1029.200	15.000	2113.000	2265.000	40.000	40.000	40.000	-0	-0	-0
X1	1030.000	0	974.000	964.500	965.100	-0	-0	-0	-0	-0
X1	1690.000	974.100	968.500	1473.000	200.000	366.700	964.500	1100.000	965.100	664.500
X1	679.000	960.500	2500.000	972.600	964.500	969.500	1800.000	975.700	964.500	2133.000
X1	960.000	60.000	556.700	1800.000	954.600	1900.000	955.000	964.500	2805.000	980.000
X1	957.000	2000.000	954.200	2085.000	957.800	2080.000	953.800	2113.000	956.500	1980.000
X1	941.000	2175.000	940.100	2225.000	940.500	2235.000	952.900	2265.000	941.300	2145.000
X1	1029.400	0	0	0	25.000	25.000	25.000	1.000	-0	-0
X1	5.000	12200.000	27000.000	41000.000	1000.000	12300.000	-0	-0	-0	-0

1029.200	15.000	2113.000	2265.000	40.000	40.000	-0	-0	-0	-0
10.000	0	974.000	944.500	0	0	-0	-0	-0	-0
1600.000	974.100	964.500	200.000	200.000	964.700	964.500	1100.000	965.100	964.500
975.000	964.500	2500.000	1673.000	964.500	964.500	1800.000	975.700	964.500	2133.000
965.000	-0	-0	972.300	964.500	2670.000	973.900	964.500	2805.000	980.000
980.000	60.000	956.700	1200.000	0	0	-0	-0	-0	-0
957.000	2000.000	954.200	2045.000	954.600	1900.000	955.000	1945.000	954.500	1990.000
941.000	2175.000	940.100	2225.000	940.500	2735.000	952.900	2265.000	941.300	2145.000
1029.400	0	27000.000	41000.000	25.000	25.000	25.000	1.000	-0	-0
5.000	12200.000	27000.000	41000.000	123000.000	-0	-0	-0	-0	-0
1030.000	0	0	55.000	55.000	55.000	1.000	1.000	-0	-0
1031.000	0	9400.000	12700.000	100.000	100.000	100.000	1.000	100	-0
5.000	5400.000	9400.000	12700.000	94000.000	-0	-0	-0	-0	-0
1033.000	0	0	200.000	200.000	200.000	200.000	1.000	100	-0
1038.000	-0	0	500.000	500.000	500.000	500.000	1.000	200	-0
1047.200	24.000	3445.000	3590.000	915.000	915.000	915.000	-0	-0	-0
979.000	665.000	978.300	490.000	261.400	730.000	960.300	805.000	961.300	935.000
959.000	945.000	959.000	1045.000	964.500	1085.000	961.200	1155.000	960.000	1405.000
960.000	1745.000	957.200	2545.000	958.300	3643.000	955.100	2843.000	959.000	3143.000
959.000	3245.000	960.400	3445.000	942.600	3475.000	941.700	3490.000	941.800	3535.000
941.000	3525.000	944.900	3570.000	962.300	3560.000	980.000	3410.000	-0	-0
1056.200	0	0	670.000	1000.000	1000.000	900.000	1.000	500	-0
1055.900	30.000	1702.000	1900.000	1150.000	900.000	975.000	-0	-0	-0
980.000	0	979.400	30.000	972.400	60.000	973.600	105.000	966.300	305.000
964.000	345.000	967.500	365.000	944.500	370.000	963.900	410.000	965.300	825.000
961.000	505.000	955.500	705.000	955.900	720.000	959.700	725.000	956.000	735.000
954.000	805.000	962.000	833.000	961.600	1005.000	962.800	1105.000	961.300	1405.000
954.000	1505.000	961.700	1702.000	941.800	1770.000	944.100	1850.000	962.500	1600.000
962.000	2205.000	958.500	2405.000	957.900	2605.000	965.000	2750.000	940.000	2800.000
5.000	5400.000	9200.000	12150.000	94000.000	-0	-0	-0	-0	-0
1060.000	0	0	1410.000	1410.000	1410.000	1410.000	1.000	600	-0
1095.000	0	0	1500.000	1500.000	1500.000	1500.000	1.000	600	-0
1110.000	17.000	151.000	295.000	2300.000	1300.000	1500.000	-0	-0	-0
984.000	0	987.800	20.000	963.500	60.000	962.500	153.000	943.500	185.000
945.000	275.000	960.700	295.000	967.100	310.000	968.700	150.000	960.500	850.000
963.000	950.000	963.200	1250.000	965.600	1450.000	969.100	1570.000	965.000	1585.000
973.000	1750.000	980.000	1937.000	980.000	-0	-0	-0	-0	-0

850,000	1505,000	661,700	1702,000	741,200	1770,000	955,100	1250,000	962,500	1200,000	1200,000	1200,000	1200,000
965,000	2205,000	955,500	2405,000	957,900	2505,000	965,000	2750,000	965,000	2750,000	2750,000	2750,000	2750,000
5,000	5400,000	9700,000	12150,000	12150,000	94000,000	-0	-0	-0	-0	-0	-0	-0
1050,000	0	0	0	1410,000	1410,000	1410,000	1,000	1,000	1,000	1,000	1,000	1,000
1095,000	0	0	0	1500,000	1500,000	1500,000	1,000	1,000	1,000	1,000	1,000	1,000
1110,000	17,000	153,000	295,000	2100,000	1100,000	1500,000	-0	-0	-0	-0	-0	-0
985,000	0	987,000	20,000	963,500	60,000	962,500	153,000	943,800	185,000	185,000	185,000	185,000
945,000	275,000	960,700	295,000	967,100	310,000	964,700	350,000	960,300	850,000	850,000	850,000	850,000
965,000	950,000	963,200	1250,000	965,600	1050,000	969,100	1570,000	965,000	1585,000	1585,000	1585,000	1585,000
973,000	1750,000	960,000	1937,000	-0	-0	-0	-0	-0	-0	-0	-0	-0
1120,000	0	0	0	1000,000	1000,000	1000,000	1,000	1,000	1,000	1,000	1,000	1,000
1127,000	28,000	360,000	482,000	740,000	740,000	740,000	-0	-0	-0	-0	-0	-0
950,000	0	966,100	25,000	964,200	65,000	968,600	75,000	963,600	165,000	165,000	165,000	165,000
955,000	175,000	962,100	270,000	950,600	315,000	950,900	360,000	942,200	170,000	170,000	170,000	170,000
945,000	395,000	942,200	460,000	965,900	487,000	965,900	884,000	965,900	515,000	515,000	515,000	515,000
962,000	875,000	962,500	715,000	967,100	815,000	967,100	1015,000	965,800	1120,000	1120,000	1120,000	1120,000
966,000	1215,000	967,500	1295,000	966,300	1315,000	967,100	1365,000	968,500	1370,000	1370,000	1370,000	1370,000
968,000	1415,000	978,600	1415,000	980,000	1574,000	-0	-0	-0	-0	-0	-0	-0
-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0

100 CEMEX 100  
 NO 853,900  
 ECNO DEPRM CSEI CHIAS KSELK EG HV HL  
 PLOB QCM ALOB VCH YMBR YR XRB VOL  
 VLOS VCH XNL ITRTAL TDC XLOBP XLOBP XCORAR TOPWID EWDST  
 XLOBL XLCM  
 31.50 962.50 962.50 961.50  
 1000 1000 1000 1000

SUMMARY PRINTOUT

DAIRY RIVER 100-YEAR

SECNO	FLNCL	ELIED	ELIC	ELMIN	Q	CHSEL	CRINS	EG	JORNID	SSTA	ENDSI	SECNO
883.90	0	0	0	929.30	42000.00	962.80	0	962.81	1257.68	37.57	1295.25	883.90
883.90	100000.00	0	0	929.30	42000.00	963.60	0	963.97	957.82	165.60	1124.49	883.90
884.90	0	0	0	929.30	42000.00	962.85	0	962.95	1256.41	37.47	1295.29	884.90
884.90	100000.00	0	0	929.30	42000.00	963.65	0	963.96	958.55	166.25	1124.20	884.90
885.90	0	0	0	929.30	42000.00	962.89	0	963.00	1259.14	37.38	1296.52	885.90
885.90	100000.00	0	0	929.30	42000.00	963.69	0	964.01	959.25	165.84	1125.12	885.90
890.90	0	0	0	929.30	42000.00	963.11	0	963.21	1242.77	36.89	1299.64	890.90
890.90	100000.00	0	0	929.30	42000.00	964.11	0	964.22	943.08	163.52	1125.90	890.90
909.60	0	0	0	930.30	42000.00	964.06	0	964.25	1212.02	72.61	1264.63	909.00
909.00	100000.00	0	0	930.30	42000.00	965.04	0	965.25	954.04	292.14	1226.27	909.00
922.60	0	0	0	930.60	42000.00	964.68	0	964.80	1748.43	109.74	1943.35	922.60
922.60	100000.00	0	0	930.60	42000.00	965.65	0	965.78	1222.42	374.12	1595.54	922.60
935.40	0	0	0	932.30	42000.00	965.63	0	965.27	1744.11	67.75	1939.23	935.40
935.40	100000.00	0	0	932.30	42000.00	965.97	0	966.27	993.68	243.00	1264.53	935.40
949.10	0	0	0	932.30	42000.00	965.54	0	965.81	1353.68	65.17	1985.84	949.10
949.10	100000.00	0	0	932.30	42000.00	965.57	0	966.83	1056.13	263.00	1355.66	949.10
953.10	0	0	0	932.40	42000.00	965.74	0	965.97	1873.37	64.25	1982.50	953.10
953.10	100000.00	0	0	932.40	42000.00	966.74	0	966.99	1096.30	263.00	1362.31	953.10
955.10	0	0	0	932.40	42000.00	965.82	0	966.05	1844.20	64.49	1999.00	955.10
955.10	100000.00	0	0	932.40	42000.00	966.83	0	967.02	1102.93	253.00	1345.93	955.10
956.10	0	0	0	931.40	42000.00	965.79	0	966.12	595.30	190.04	785.34	956.10
956.10	100000.00	0	0	931.40	42000.00	966.80	0	967.15	374.65	310.00	704.65	956.10
958.60	0	0	0	931.40	42000.00	965.82	0	966.14	595.91	189.86	765.77	958.60
958.60	100000.00	0	0	931.40	42000.00	966.83	0	967.18	394.87	310.00	704.67	958.60
958.90	0	0	0	931.40	42000.00	965.83	0	966.16	596.21	189.77	785.93	958.90
958.90	100000.00	0	0	931.40	42000.00	966.84	0	967.19	394.94	310.00	704.90	958.90
957.30	0	967.20	967.00	931.80	42000.00	966.45	0	966.69	811.25	0	811.25	957.30
957.30	100000.00	999999.00	0	931.80	42000.00	967.45	0	967.72	588.01	113.23	702.02	957.30
957.60	0	0	0	931.80	42000.00	966.44	0	966.70	811.27	0	811.27	957.60
957.60	100000.00	0	0	931.80	42000.00	967.47	0	967.73	589.10	113.10	702.20	957.60
958.10	0	0	0	931.80	41500.00	966.49	0	966.72	811.31	0	811.31	958.10
958.10	100000.00	0	0	931.80	41500.00	967.50	0	967.75	588.70	113.14	702.04	958.10
959.10	0	0	0	931.80	41500.00	966.53	0	966.76	811.30	0	811.30	959.10
959.10	100000.00	0	0	931.80	41500.00	967.54	0	967.79	589.43	113.04	702.32	959.10
964.10	0	0	0	932.50	41500.00	966.72	0	966.96	810.31	0	810.31	964.10
964.10	100000.00	0	0	932.50	41500.00	967.73	0	968.00	585.12	103.20	676.32	964.10

SECNO	ELEBEL	ELIRD	ELLC	ELWIN	B	CASEL	CPI-5	EG	TOP-ID	SSIA	ENDSI	SECNO
975.00	0	0	0	914.20	41500.00	967.19	0	947.48	802.84	5.19	808.05	975.00
975.00	100000.00	0	0	934.20	41500.00	948.18	0	948.52	542.30	117.47	679.61	975.00
990.00	0	0	0	914.80	41500.00	967.96	0	966.25	803.96	4.44	808.19	990.00
990.00	100000.00	0	0	914.80	41500.00	968.97	0	949.29	566.32	116.03	682.35	990.00
999.20	0	0	0	915.90	41500.00	968.47	0	968.54	1890.17	235.10	2125.27	999.20
999.20	100000.00	0	0	915.90	41500.00	969.52	0	949.61	1327.16	777.84	2105.00	999.20
1005.80	0	0	0	917.00	41500.00	968.60	0	968.61	4638.94	250.50	4919.43	1005.80
1005.80	100000.00	0	0	917.00	41500.00	969.65	0	949.64	3578.34	881.97	4860.33	1005.80
1019.80	0	0	0	917.50	41500.00	968.55	0	948.74	1392.94	515.88	2008.82	1019.80
1019.80	100000.00	0	0	917.50	41500.00	969.58	0	949.82	871.98	1024.55	1656.81	1019.80
1024.80	0	0	0	918.60	41500.00	968.50	0	969.06	1349.65	653.87	2003.72	1024.80
1024.80	100000.00	0	0	918.60	41500.00	949.83	0	970.11	800.20	1049.81	1890.05	1024.80
1026.80	0	0	0	919.10	41500.00	968.92	0	969.20	1330.14	671.22	2001.40	1026.80
1026.80	100000.00	0	0	919.10	41500.00	969.84	0	970.25	824.97	1041.56	1854.53	1026.80
1028.00	0	0	0	941.20	41500.00	968.95	0	969.30	680.66	1147.60	2028.26	1028.00
1028.00	100000.00	0	0	941.20	41500.00	969.98	0	970.36	528.87	1449.13	1978.00	1028.00
1028.50	0	0	0	941.20	41500.00	968.98	0	969.33	844.25	1144.10	2028.30	1028.50
1028.50	100000.00	0	0	941.20	41500.00	970.01	0	970.18	529.35	1448.65	1978.00	1028.50
1028.70	0	0	0	941.20	41500.00	969.02	0	969.15	835.92	1142.40	2028.18	1028.70
1028.70	100000.00	0	0	941.20	41500.00	970.03	0	970.21	529.54	1448.46	1978.00	1028.70
1028.80	0	0	0	941.20	41500.00	969.00	0	969.35	846.33	1142.07	2028.39	1028.80
1028.80	100000.00	0	0	941.20	41500.00	970.03	0	970.41	529.58	1448.42	1978.00	1028.80
1029.20	0	965.10	964.50	940.10	41500.00	969.10	0	969.40	1418.27	874.12	2292.39	1029.20
1029.20	100000.00	999999.00	0	940.10	41500.00	970.13	0	970.45	707.67	1557.33	2295.00	1029.20
1029.40	0	0	0	940.10	41500.00	969.12	0	969.42	1419.50	872.92	2292.42	1029.40
1029.40	100000.00	0	0	940.10	41500.00	970.15	0	970.47	708.23	1555.77	2295.00	1029.40
1030.00	0	0	0	940.10	41000.00	969.14	0	969.45	1422.58	869.91	2292.48	1030.00
1030.00	100000.00	0	0	940.10	41000.00	970.10	0	970.51	709.22	1555.76	2295.00	1030.00
1031.00	0	0	0	940.20	41000.00	969.22	0	969.51	1419.73	872.69	2292.42	1031.00
1031.00	100000.00	0	0	940.20	41000.00	970.26	0	970.57	707.93	1557.07	2295.00	1031.00
1033.00	0	0	0	940.30	12700.00	969.57	0	969.50	1418.70	874.14	2292.50	1033.00
1033.00	100000.00	0	0	940.30	12700.00	970.63	0	970.66	719.87	1545.13	2295.00	1033.00
1036.00	0	0	0	940.50	12700.00	969.59	0	969.62	1425.57	866.98	2292.55	1036.00
1036.00	100000.00	0	0	940.50	12700.00	970.64	0	970.60	711.99	1551.01	2295.00	1036.00
1047.20	0	0	0	941.00	12700.00	969.65	0	969.65	2867.62	710.88	3595.30	1047.20
1047.20	100000.00	0	0	941.00	12700.00	970.71	0	970.72	2306.04	1241.96	3590.00	1047.20
1056.20	0	0	0	941.50	12700.00	969.66	0	969.66	2896.11	711.60	3597.75	1056.20
1056.20	100000.00	0	0	941.50	12700.00	970.72	0	970.71	2274.23	1115.77	2590.00	1056.20



SECNO	ELEACL	ELIRD	ELLC	ELMIN	CHSEL	CRIMS	EG	JOPAD	SSIA	ENOST	SECNO
1065.90	0	0	0	941.80	949.84	0	949.80	2553.00	212.51	2745.50	1065.90
1065.90	100000.00	0	0	941.80	970.74	0	970.75	1959.00	614.84	2574.00	1065.90
1080.00	0	0	0	942.40	949.72	0	949.72	2515.50	228.11	2743.69	1080.00
1080.00	100000.00	0	0	942.40	970.73	0	970.79	1936.01	249.63	2965.64	1080.00
1095.00	0	0	0	943.00	949.74	0	949.77	2518.50	243.30	2761.84	1095.00
1095.00	100000.00	0	0	943.00	970.82	0	970.81	1914.40	642.82	2557.71	1095.00
1110.00	0	0	0	943.80	949.82	0	949.85	635.00	49.42	1684.46	1110.00
1110.00	100000.00	0	0	943.80	970.84	0	970.92	1074.20	153.00	1187.20	1110.00
1120.00	0	0	0	944.30	949.91	0	949.94	1625.86	50.11	1675.94	1120.00
1120.00	100000.00	0	0	944.30	970.97	0	971.01	1005.50	151.00	1158.50	1120.00
1127.40	0	0	0	945.00	949.93	0	970.05	1434.30	18.02	1452.32	1127.40
1127.40	100000.00	0	0	945.00	971.04	0	971.11	818.70	273.99	1092.70	1127.40



MASSY PRINIOU

OKIA RIVER 100-YEAR

SECTION	CISEL	VOL	DEPTH	VCH	SLOR	VLOP	DCM	VCM	WPOA	VPOB	AREA	SECOND
A	883.90	942.80	0	33.50	3.53	15349.80	1.74	16485.83	3.53	10144.27	1.90	18719.04 ✓
	883.90	963.80	0	34.50	3.61	16325.49	1.67	17377.67	3.61	9296.80	2.07	17522.34
	884.90	942.85	43.04	33.59	3.52	15301.89	1.74	16455.71	3.52	10152.40	1.90	18775.57
	884.90	963.85	50.28	34.55	3.59	15349.86	1.64	17395.03	3.59	9306.11	2.07	17576.45
	885.90	942.89	56.21	33.59	3.51	15413.68	1.74	16425.86	3.51	10160.46	1.89	18831.67
	885.90	963.89	60.70	34.59	3.55	16238.42	1.60	17140.98	3.55	9600.60	2.12	17631.49
	890.90	963.11	303.97	33.81	3.45	15520.03	1.74	16279.87	3.45	10200.10	1.87	19111.49
	890.90	942.11	230.62	34.51	3.50	15353.53	1.62	17017.65	3.50	9516.71	2.09	17699.28
B	909.00	964.04	1012.82	33.74	4.39	12582.98	1.74	22502.43	4.39	6904.58	2.55	14916.72
	909.00	965.04	946.48	34.74	4.05	12605.30	1.97	23557.70	4.05	5796.95	2.70	13670.19
C	922.60	944.68	1529.57	34.08	3.90	3559.47	1.42	19121.88	3.90	20377.85	1.89	19206.61
	922.60	945.68	1411.71	35.05	3.99	1580.08	1.50	19141.81	3.99	21298.31	1.87	17253.84
D	935.40	945.00	2010.70	32.70	5.08	709.92	1.01	25923.48	5.08	15366.60	1.95	13663.90
	935.40	945.97	1734.41	33.67	5.17	0	0	27201.60	5.17	14798.20	2.35	11561.51
	949.10	945.58	2441.22	33.28	4.82	814.75	1.00	25014.72	4.82	14170.53	1.84	14724.69
	949.10	946.57	2198.52	34.27	4.87	0	0	26151.78	4.87	15816.26	2.19	12606.31
	953.10	945.74	2571.04	33.34	4.78	821.50	0.99	24905.36	4.78	16257.19	1.84	14856.68
	953.10	946.74	2314.93	34.34	4.64	0	0	26019.20	4.64	15920.76	2.17	17746.08
	955.10	945.82	2605.60	33.42	4.75	801.70	0.99	24783.73	4.75	16374.57	1.83	15004.81
	955.10	946.83	2373.78	34.43	4.79	0	0	25802.79	4.79	16157.21	2.14	12873.64
E	956.10	945.79	2673.15	34.39	5.04	1275.04	1.49	30658.99	5.04	10055.87	3.00	10256.70
	956.10	946.80	2347.96	35.40	5.13	0	0	32213.19	5.13	9786.81	3.21	9332.81
	956.60	945.82	2686.12	34.42	5.05	1278.96	1.49	30657.31	5.05	10063.73	3.00	10230.66
	956.60	946.83	2409.75	35.43	5.12	0	0	32201.56	5.12	9796.98	3.21	9348.11
	956.90	945.63	2692.03	34.43	5.05	1280.92	1.49	30651.08	5.05	10067.60	3.00	10227.23
	956.90	946.64	2415.12	35.44	5.12	0	0	32196.57	5.12	9803.43	3.21	9352.14
	957.30	949.45	2702.73	34.69	4.81	8721.64	1.90	22506.32	4.81	1732.08	2.64	13022.81
	957.30	947.45	2424.63	35.66	4.93	5737.05	2.11	23979.36	4.93	2383.59	2.93	11795.44
	957.60	945.44	2710.21	34.64	4.81	8724.71	1.90	22539.12	4.81	12716.16	2.65	11031.55
	957.60	947.47	2431.60	35.67	4.92	5740.00	2.11	23870.73	4.92	2389.27	2.93	11806.09
F	958.10	946.49	2726.87	34.69	4.74	6650.79	1.87	22256.47	4.74	12592.75	2.62	13049.17
	958.10	947.50	2404.51	35.70	4.84	5676.33	2.08	23575.05	4.84	12248.62	2.69	11820.43
	959.10	946.53	2754.64	34.73	4.73	6661.74	1.87	22230.56	4.73	12607.40	2.62	13040.74
	959.10	947.54	2473.68	35.74	4.85	5684.21	2.08	23551.41	4.85	12244.37	2.84	11849.88
	960.10	960.72	2904.44	34.22	4.89	6515.46	1.91	22572.88	4.89	12411.66	2.68	12668.25
	960.10	947.73	2607.58	35.23	4.99	5470.91	2.09	23831.25	4.99	11991.84	2.95	11549.66

SECNO	CASEL	VOI	DEPTH	VCH	GLOR	VLOR	ACH	VCR	VROR	APEA	SECNO	
975.00	967.19	3209.08	32.99	5.31	2141.28	2.00	23441.32	5.31	11997.40	2.84	11620.11	975.00
975.00	963.19	2824.28	33.98	5.20	5100.60	2.16	24233.20	5.40	11460.20	3.20	10534.24	975.00
990.00	967.96	3513.72	33.14	5.24	5197.64	1.99	23327.23	5.24	11975.13	2.61	11821.65	990.00
990.00	965.97	3249.57	34.17	5.36	5166.24	2.14	24779.34	5.36	11554.39	3.16	10681.64	990.00
999.20	948.47	3920.35	32.57	3.40	24940.93	1.34	16407.00	3.40	152.07	1.07	23464.85	999.20
999.20	950.52	3524.40	33.52	3.41	24225.03	1.53	16814.57	3.41	0	0	21025.03	999.20
1005.60	955.60	4584.44	31.60	1.23	2412.68	.47	7404.35	1.23	25140.97	.67	62274.62	1005.60
1005.60	969.65	4133.74	32.65	1.25	7216.29	.52	5413.77	1.25	25869.94	.71	57011.10	1005.60
1019.80	945.55	5803.98	31.05	4.84	11817.94	1.70	19943.77	4.84	9738.24	2.54	14886.32	1019.80
1019.80	940.58	5237.80	32.08	4.92	11406.70	2.04	2112.75	4.92	8740.54	2.71	13032.59	1019.80
1024.80	942.80	5928.22	30.20	5.25	11240.94	1.80	20763.73	5.25	9475.33	2.68	13729.45	1024.80
1024.80	949.63	5341.24	31.23	5.39	10753.70	2.14	22279.50	5.39	8436.80	2.90	11922.21	1024.80
1026.80	965.92	6030.07	29.82	5.44	10943.74	1.85	21194.49	5.44	9341.75	2.75	1213.65	1026.80
1026.80	948.94	5435.14	30.84	5.52	10462.14	2.25	22758.14	5.52	8272.65	2.88	11506.40	1026.80
1028.00	942.85	6083.24	27.75	5.64	13664.95	2.30	26928.22	5.64	906.82	2.34	10881.55	1028.00
1028.00	959.94	5464.04	28.74	5.71	13121.09	2.65	28376.91	5.71	0	0	9923.78	1028.00
1028.50	966.99	6075.77	27.74	5.62	13664.85	2.34	26905.52	5.62	909.62	2.34	10911.32	1028.50
1028.50	970.01	5472.05	28.81	5.69	13448.24	2.65	28351.14	5.69	0	0	9949.92	1028.50
1028.70	949.00	6082.03	27.80	5.62	13684.47	2.38	26944.55	5.62	910.97	2.34	10925.75	1028.70
1028.70	970.03	5481.60	28.83	5.69	13157.07	2.60	28342.93	5.69	0	0	9957.08	1028.70
1029.20	949.00	6070.29	27.80	5.62	13696.39	2.34	26892.37	5.62	911.24	2.34	10928.63	1029.20
1029.20	974.03	5452.54	28.83	5.60	13162.67	2.64	28337.03	5.60	0	0	9863.51	1029.20
1029.20	940.10	6094.74	29.00	5.74	14581.35	1.88	22457.44	5.74	441.18	2.08	14013.57	1029.20
1029.20	970.13	5492.75	30.03	5.68	13577.75	2.51	23122.25	5.68	0	0	11395.34	1029.20
1029.40	949.12	6102.79	29.02	5.73	14597.84	1.88	22440.54	5.73	461.58	2.08	14036.42	1029.40
1029.40	974.15	5499.29	30.05	5.67	14391.02	2.51	23108.98	5.67	0	0	11407.68	1029.40
1030.00	948.14	6120.55	29.04	5.64	14414.43	1.85	22128.54	5.64	456.99	2.05	14093.64	1030.00
1030.00	970.19	5513.73	30.06	5.55	14217.65	2.47	22782.35	5.55	0	0	11456.64	1030.00
1031.00	949.22	6142.84	29.02	5.64	14376.83	1.84	22167.06	5.64	456.09	2.05	14040.71	1031.00
1031.00	974.24	5518.99	30.04	5.59	14186.74	2.47	22813.24	5.59	0	0	11424.99	1031.00
1033.00	949.57	6214.12	29.27	1.72	5749.36	.57	6727.52	1.72	143.13	.62	14395.64	1033.00
1033.00	970.63	5503.14	30.33	1.59	5731.86	.75	6968.14	1.59	0	0	11740.47	1033.00
1038.00	949.59	6341.95	29.09	1.74	5716.20	.57	6601.95	1.74	141.65	.63	14199.49	1038.00
1038.00	974.64	5724.74	30.14	1.72	5666.51	.74	7033.39	1.72	0	0	11531.24	1038.00
1047.20	949.65	6268.30	28.65	.65	9721.13	.34	2973.40	.65	5.47	.18	32157.82	1047.20
1047.20	970.71	6159.15	29.71	.63	9668.86	.37	3011.14	.63	0	0	29675.34	1047.20
1056.20	949.66	7370.54	28.16	.90	9619.84	.35	3075.29	.90	4.87	.18	30747.59	1056.20
1056.20	970.72	6423.94	29.22	.88	9570.78	.39	3129.22	.88	0	0	28210.15	1056.20

SECNO	CWSEL	YDL	DEPTH	VCH	GLOP	VLOP	CCM	VCM	OPOR	VEOR	AREA	SECNO
1065.90	969.6A	8041.60	27.8A	.99	4908.42	.3A	4123.97	.99	3747.61	.09	24434.08	1065.90
1065.90	970.75	7259.00	28.95	1.01	4740.24	.41	4439.77	1.01	3519.44	.52	22624.60	1065.90
1080.00	969.72	8229.00	27.32	1.01	4512.41	.38	4108.34	1.01	3529.25	.49	22986.44	1080.00
1080.00	970.78	7980.53	28.3A	1.04	4435.43	.42	4434.98	1.04	3279.59	.52	21234.70	1080.00
1095.00	969.76	9596.50	26.74	1.09	4418.71	.40	4284.3A	1.09	3406.90	.51	21574.74	1095.00
1095.00	970.42	8677.50	27.82	1.11	4328.97	.44	4415.41	1.11	3185.62	.54	19981.45	1095.00
1110.00	969.82	10249.60	26.02	1.83	373.87	.56	5620.97	1.83	4095.14	.73	12177.09	1110.00
1110.00	970.88	9282.44	27.0F	1.84	0	0	5981.77	1.84	6148.23	.65	10936.47	1110.00
1120.00	969.91	10571.44	25.61	1.94	361.32	.53	5913.76	1.94	5874.85	.75	11505.61	1120.00
1120.00	970.97	9497.62	26.67	1.95	0	0	6245.01	1.95	5904.99	.84	9900.24	1120.00
1127.40	969.99	10594.35	24.90	2.54	2323.58	.98	4710.34	2.54	3116.08	.81	8450.70	1127.40
1127.40	971.04	8944.22	26.04	2.60	1605.35	1.30	7234.58	2.60	3270.07	.97	7429.09	1127.40

TRIB. Y-3

Floodway

MOUNTAIN VIEW INSURANCE CO. V.F.  
FLOOD INSURANCE STUDY  
TRIBUTARY V-3 NATURAL 100-24

1	ICHECK	TNO	MINV	TDIR	SPT	METRIC	HVLS	IP	CSFL	FO
2	LRP	TRPCT	SRV	YSECV	XSEW	FA	ALDC	IP	CHNH	TRICE
1	1,000	-0	-0	-0	-0	-0	-0	-0	-0	-0
2	3,000	31,000	40,000	41,000	42,000	43,000	43,000	1,000	2,000	4,000
3	51,000	54,000	32,000	35,000	1,000	7,000	7,000	8,000	24,000	13,000
4	10,000	26,000	15,000	54,000	25,000	38,000	38,000	-0	-0	55,000
5	0	0	0	100	300	-0	-0	-0	-0	-0
6	5,000	170,000	320,000	410,000	410,000	590,000	590,000	-0	-0	-0
7	-0	-0	-0	-0	10,400	-0	-0	-0	-0	-0
8	31,250	15,000	375,000	305,000	0	0	0	0	0	0
9	90,000	0	90,500	50,000	95,000	140,000	140,000	1020,000	180,000	1020,000
10	224,000	225,000	52,000	175,000	670,000	377,000	377,000	977,000	155,000	285,000
11	970,000	102,000	581,500	355,000	644,500	440,000	440,000	1008,000	403,000	155,000
12	0	1,500	2,500	150,000	2,500	0	0	9,500	1008,500	525,000
13	32,750	0	1,000	0	150,000	150,000	150,000	150,000	-0	0
14	-0	-0	-0	627,000	900,000	-0	-0	-0	-0	0
15	35,500	10,000	270,000	295,000	275,000	275,000	275,000	3275,000	-0	-0
16	1004,000	0	1005,000	50,000	940,200	150,000	150,000	990,500	200,000	270,000
17	981,000	250,000	985,000	255,000	941,500	165,000	165,000	994,500	184,000	450,000
18	0	1,500	2,500	150,000	2,100	0	0	9,500	-0	-0
19	36,500	0	1,000	0	100,000	100,000	100,000	100,000	1,000	0
20	-0	-0	-0	965,000	965,000	-0	-0	-0	-0	0
21	30,000	10,000	130,000	180,000	250,000	250,000	250,000	250,000	-0	-0
22	1001,000	0	655,000	100,000	945,000	130,000	130,000	981,500	180,000	155,000
23	991,500	146,000	590,500	150,000	924,500	120,000	120,000	1001,000	250,000	175,000
24	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0

12

SUMMARY PRINTOUT

TRIBUTARY Y=3 NATURAL

SECNO	FILE-CL	ELTFC	ELLE	EINTR	Q	CHSFL	CRJ'S	EG	TOPWD	SFTA	ENDST	SECNO
31.25	0	0	0	976.85	410.00	952.32	0	982.54	91.70	326.85	416.55	31.2
31.25	100000.00	0	0	976.85	410.00	953.32	0	983.57	20.00	375.00	305.00	31.2
32.75	0	990.00	985.00	977.60	410.00	950.72	0	980.72	146.38	255.00	451.38	32.7
32.75	100000.00	999999.00	999999.00	977.60	410.00	951.72	0	981.72	130.80	300.85	431.70	32.7
35.50	0	0	0	980.50	410.00	950.72	0	980.72	169.24	100.22	359.48	35.5
35.50	100000.00	0	0	980.50	410.00	951.71	0	981.75	50.90	208.10	299.00	35.5
36.50	0	985.00	985.00	981.50	410.00	950.75	0	980.80	133.98	206.02	340.01	36.5
36.50	100000.00	999999.00	999999.00	981.50	410.00	951.74	0	991.82	28.09	246.51	295.00	36.5
39.00	0	0	0	985.50	410.00	951.34	0	981.57	28.10	134.84	163.03	39.0
39.00	100000.00	0	0	985.50	410.00	952.34	0	982.48	30.24	133.55	154.40	39.0

COUNTRY: BRITAIN

STATIONARY YEAR: NATURAL

SECNO	CASEFL	VCI	OFFTH	VCH	GLOR	VLGR	QCR	VCH	QQA	VQRA	AREA	SECNO
31.25	982.32	0	5.07	4.24	31.44	1.22	349.39	4.24	29.14	1.53	120.25	31.25
31.25	983.32	0	6.07	4.02	0	0	410.00	4.02	0	0	102.01	31.25
32.75	990.72	2.44	13.12	1.37	207.94	1.30	47.57	1.37	114.50	1.30	1312.79	32.75
32.75	991.72	2.32	14.12	1.39	210.53	1.32	49.44	1.39	100.01	1.30	1204.40	32.75
35.50	990.72	7.98	10.22	1.41	109.64	1.71	249.04	1.41	61.04	1.50	429.74	35.50
35.50	991.71	7.20	11.21	1.57	92.54	1.02	305.54	1.57	11.50	1.70	302.30	35.50
36.50	990.75	6.70	9.25	2.04	71.13	1.84	300.74	2.04	36.09	1.75	241.21	36.50
36.50	991.70	7.74	10.24	2.32	13.87	1.11	396.13	2.32	0	0	173.02	36.50
39.00	991.34	9.90	5.84	3.64	0	0	410.00	3.64	0	0	105.80	39.00
39.00	992.34	8.87	6.84	3.03	0	0	410.00	3.03	0	0	135.21	39.00





101 751

PRIMARY PRINTOUT

TREASURY Y-2 100-YR G

SECNO	FLENCL	ELTRD	ELLC	ELMIN	U	CMSFL	CRIPS	EG	TOPAID	SSTA	ENDST	SECNO
5.70	0	0	0	944.51	840.00	961.30	0	961.43	443.01	0	483.01	5.70
5.70	100000.00	0	0	944.51	840.00	962.30	0	962.63	108.19	335.31	446.50	5.70
6.70	0	0	0	946.87	840.00	963.60	0	963.74	472.74	0	472.74	6.70
6.70	100000.00	0	0	946.87	840.00	964.50	0	965.00	98.61	307.69	446.50	6.70
7.70	0	0	0	949.23	840.00	966.82	966.82	966.80	628.26	0	1100.00	7.70
7.70	100000.00	0	0	949.23	840.00	968.66	0	968.82	214.07	232.03	446.50	7.70
9.50	0	0	0	953.48	840.00	970.11	970.11	970.34	451.80	0	451.90	9.50
9.50	100000.00	999999.00	0	953.48	840.00	969.95	0	974.40	3.00	443.50	446.50	9.50
13.50	0	0	0	959.50	840.00	970.59	0	970.61	129.23	0	129.23	13.50
13.50	100000.00	0	0	959.50	840.00	974.96	0	974.96	78.79	31.21	110.00	13.50
17.50	0	0	0	969.50	840.00	972.22	972.22	972.59	210.59	344.44	555.02	17.50
17.50	100000.00	0	0	969.50	840.00	974.80	0	975.14	46.29	505.71	554.00	17.50
22.50	0	0	0	983.50	840.00	989.26	0	990.32	35.83	439.76	475.59	22.50
22.50	100000.00	0	0	983.50	840.00	988.71	988.71	990.52	20.00	450.00	470.00	22.50
31.00	0	0	0	1009.80	840.00	1014.28	0	1014.70	77.58	264.33	341.91	31.00
31.00	100000.00	0	0	1009.80	840.00	1016.26	0	1016.74	28.93	275.00	303.93	31.00

Ref A = 8.50  
 2000 Pacific  
 2000

SUMMARY PRINTOUT

RIGHTWAY Y=2 100-YR Q

SECD0	CWSFL	VOL	DEPTH	VCH	QLOA	VLOR	QCH	VCH	QPOR	VRQB	AREA	SECD0
5.70	951.30	0	16.79	3.30	671.67	2.81	166.22	3.30	1.91	.55	293.33	5.70
5.70	952.30	0	17.79	3.34	680.61	4.94	179.19	3.34	0	0	187.27	5.70
6.70	953.60	.64	16.73	3.78	689.08	3.01	190.01	3.78	.91	.51	267.80	6.70
6.70	964.50	.41	17.72	3.69	633.07	5.51	206.92	3.69	0	0	162.17	6.70
7.70	966.82	1.83	17.59	.84	755.57	1.27	44.50	.84	39.93	.39	748.27	7.70
7.70	968.65	.90	17.43	2.53	702.88	3.33	137.56	2.53	0	0	243.24	7.70
9.50	970.11	3.21	16.63	5.14	582.60	3.44	257.39	5.14	.00	.04	217.62	9.50
9.50	969.55	1.55	16.47	17.00	0	0	839.99	17.00	0	0	49.91	9.50
13.50	970.59	9.77	11.09	.85	650.20	1.15	162.02	.85	27.78	.40	822.11	13.50
13.50	974.65	7.02	15.44	.52	695.23	1.00	188.77	.52	0	0	973.63	13.50
17.50	972.22	14.34	2.72	5.82	610.60	4.25	228.83	5.82	.57	1.34	179.91	17.50
17.50	975.80	12.75	5.30	3.79	525.10	5.02	314.90	3.79	0	0	184.90	17.50
22.50	979.28	15.98	5.72	8.49	69.65	5.98	739.08	8.49	31.27	4.03	106.02	22.50
22.50	974.71	18.25	5.21	11.09	0	0	840.00	11.09	0	0	75.75	22.50
31.00	1014.28	15.65	4.48	6.09	48.36	6.59	343.85	6.09	406.79	4.48	166.98	31.00
31.00	1015.56	16.58	6.46	5.68	0	0	490.43	5.68	349.57	5.28	152.60	31.00
UNSTABLE ERROR	SECD0=	7.70 PROFILE=	1 CRITICAL DEPTH ASSUMED									
UNSTABLE ERROR	SECD0=	7.70 PROFILE=	1 20 TRIALS REQUIRED TO BALANCE #SEL									
UNSTABLE ERROR	SECD0=	9.50 PROFILE=	1 CRITICAL DEPTH ASSUMED									
UNSTABLE ERROR	SECD0=	9.50 PROFILE=	1 SLOPE TOO STEEP									
UNSTABLE ERROR	SECD0=	9.50 PROFILE=	2 SLOPE TOO STEEP									
UNSTABLE ERROR	SECD0=	17.50 PROFILE=	1 CRITICAL DEPTH ASSUMED									
UNSTABLE ERROR	SECD0=	17.50 PROFILE=	1 20 TRIALS REQUIRED TO BALANCE #SEL									
UNSTABLE ERROR	SECD0=	22.50 PROFILE=	2 CRITICAL DEPTH ASSUMED									
UNSTABLE ERROR	SECD0=	22.50 PROFILE=	2 20 TRIALS REQUIRED TO BALANCE #SEL									

\* Top-Soiled bank to  
 Top of fill flow  
 Sect. 13450



41	95,000	35,000	127,000	152,000	500,000	500,000	500,000	0.	0.	5,900	0.
50	1099,000	0.	1095,200	50,000	500,000	50,000	50,000	0.	0.	1098,000	120,000
52	1097,300	127,000	1095,200	132,000	1095,700	1095,700	1095,700	114,000	114,000	1095,700	200,000
54	1104,700	228,000	1105,100	250,000	1105,200	1105,200	1105,200	350,000	350,000	1106,100	365,000
X1	100,000	0.	0.	0.	500,000	500,000	500,000	0.	0.	5,900	0.
X1	100,500	0.	0.	0.	50,000	50,000	50,000	0.	0.	0,500	0.
X3	10,000	0.	0.	0.	0.	0.	0.	1105,000	1105,000	1105,000	0.
SC	0.	0.	0.015	0.	0.	0.	0.	0.	0.	0.	0.
SA	0.	1,500	2,500	0.	7,000	0.	45,500	0.	0.	1094,300	1093,100
X1	101,500	19,000	250,500	263,500	100,000	100,000	100,000	0.	0.	-0,500	0.
X2	0.	0.	1,000	1100,500	1104,900	0.	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	1105,000	1105,000	1105,000	0.
Y1	10,000	61,000	1105,700	0.	150,000	1105,000	0.	200,000	200,000	1104,900	0.
Y2	250,500	1100,500	1100,500	263,500	1104,900	1100,500	300,000	1105,100	1105,100	0.	350,000
Y3	1106,000	0.	400,000	1107,300	0.	450,000	1108,900	0.	0.	500,000	1111,000
Y4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Y5	1109,000	51,000	1107,700	100,000	1106,400	150,000	1106,000	200,000	200,000	1109,000	243,000
Y6	1106,500	243,500	1106,500	204,500	1104,700	250,000	1095,400	254,000	254,000	1094,300	256,500
Y7	1094,300	263,500	1105,100	253,000	1105,100	300,000	1105,500	317,000	317,000	1106,700	350,000
Y8	1102,300	500,000	1113,200	450,000	1114,900	500,000	1117,000	550,000	550,000	0.	0.
Y9	0.	0.	0.050	0.	0.	0.	0.	0.	0.	0.	0.
X1	102,000	0.	0.	0.	50,000	50,000	50,000	0.	0.	0,500	0.
Y	105,000	0.	0.	0.	300,000	300,000	300,000	0.	0.	3,200	0.
X1	111,000	14,000	291,000	330,000	600,000	600,000	600,000	0.	0.	0.	0.
Y	111,500	0.	1117,200	50,000	1116,600	100,000	1116,600	135,000	135,000	1116,400	150,000
Y	1116,000	105,000	1114,900	177,000	1114,600	250,000	1114,100	273,000	273,000	1113,600	291,000
Y	1103,700	105,000	1103,700	313,000	1120,300	330,000	1120,100	332,000	332,000	0.	0.
X1	115,000	0.	0.	0.	500,000	500,000	500,000	0.	0.	5,000	0.
Y	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

RY PRINTOUT FOR MULTIPLE PROFILES

STATION	DISCHARGE	CASEL	TOP-ID	DEPTH	TOP-ID	SIENCL	SIENCL	STENCL	VCH		
ION CHANNEL MIN EL OF	MIN EL DISCHARGE	CASEL	TO	DEPTH	TOP-ID	SIENCL	SIENCL	STENCL	VCH		
LENGTH ROADWAY	LOW CHORD GROUND (CFS)										
66.00	0.	0.	1051.90	1180.00	1056.12	104.50	4.22	45.79	0.	7.31	
68.00	0.	0.	1051.90	1180.00	1057.12	155.61	5.22	50.14	250.00	173.00	5.63
70.00	200.00	0.	1054.80	1150.00	1058.83	95.50	4.03	62.67	0.	0.	7.77
70.00	200.00	0.	1054.80	1150.00	1058.61	85.14	3.81	66.01	250.00	373.00	8.33
75.00	500.00	0.	1062.00	1180.00	1066.14	100.58	4.14	77.02	0.	0.	7.51
75.00	500.00	0.	1062.00	1180.00	1066.31	108.07	4.31	87.58	250.00	373.00	7.18
80.00	500.00	0.	1068.00	1050.00	1074.35	67.47	3.45	24.36	0.	0.	10.54
80.00	500.00	0.	1068.90	1050.00	1074.10	61.97	3.20	23.82	226.00	257.00	11.21
83.50	350.00	0.	1073.80	1050.00	1080.59	101.77	6.79	27.27	0.	0.	7.81
83.50	350.00	0.	1073.80	1050.00	1080.74	105.86	6.94	27.58	226.00	257.00	7.56
84.00	50.00	0.	1078.50	1050.00	1081.50	96.24	6.40	26.84	0.	0.	8.13
84.00	50.00	0.	1074.50	1050.00	1081.20	99.08	6.70	27.06	226.00	257.00	7.86
85.75	175.00	0.	1074.70	1050.00	1083.21	93.79	6.51	26.65	0.	0.	8.29
85.75	175.00	0.	1074.70	1050.00	1083.22	94.15	6.52	26.67	226.00	257.00	8.27
88.00	25.00	0.	1078.80	1050.00	1083.84	103.13	6.84	27.38	0.	0.	7.73
88.00	25.00	0.	1076.80	1050.00	1083.65	103.30	6.85	27.39	226.00	257.00	7.72
90.00	400.00	0.	1081.50	1050.00	1088.05	95.03	6.55	26.75	0.	0.	8.21
90.00	400.00	0.	1081.50	1050.00	1088.05	94.95	6.55	26.74	226.00	257.00	8.21
95.00	500.00	0.	1087.30	940.00	1092.30	150.50	5.00	100.91	0.	0.	4.84
95.00	500.00	0.	1087.30	940.00	1092.90	124.03	5.60	68.71	85.29	152.00	5.73
00.00	500.00	0.	1093.20	940.00	1096.99	60.00	3.79	130.50	0.	0.	8.33
00.00	500.00	0.	1093.20	940.00	1097.55	53.39	0.35	25.00	127.00	152.00	10.72
00.50	50.00	0.	1093.70	940.00	1098.06	55.86	4.26	25.00	0.	0.	10.68
00.50	50.00	0.	1093.70	940.00	1099.28	89.06	5.58	25.00	127.00	152.00	7.92
01.50	100.00	0.	1093.80	940.00	1102.31	181.84	8.51	7.00	0.	0.	15.78
01.50	100.00	0.	1093.80	940.00	1103.53	172.15	9.73	7.00	256.50	283.50	13.79
02.00	50.00	0.	1094.30	940.00	1106.29	237.73	11.99	173.30	0.	0.	6.15
02.00	50.00	0.	1094.30	940.00	1106.39	220.93	12.09	74.69	254.79	279.08	6.67
05.00	300.00	0.	1097.50	940.00	1106.68	132.66	9.18	29.54	0.	0.	9.23
05.00	300.00	0.	1097.50	940.00	1106.85	128.28	9.35	19.76	255.56	275.32	9.67
11.00	600.00	0.	1103.70	940.00	1110.93	89.99	7.23	25.62	0.	0.	7.74
11.00	600.00	0.	1103.70	940.00	1111.24	96.29	7.54	26.39	291.00	330.00	7.25
15.00	500.00	0.	1108.70	940.00	1116.14	95.63	7.44	26.15	0.	0.	7.40
15.00	500.00	0.	1108.70	940.00	1116.03	92.74	7.33	25.88	291.00	330.00	7.57

STATION DISCHARGE CASEL CASEL DIFF TOP-ID TOP-ID DIFF LENGTH

68.000	1180.000	1057.120	1.000	0.	50.144	35.046	0.
70.000	1180.000	1058.877	0.	2.707	62.665	0.	200.000
70.000	1180.000	1058.813	-0.214	1.493	45.014	15.651	200.000
75.000	1180.000	1066.138	0.	7.311	77.018	0.	500.000
75.000	1180.000	1065.306	0.168	7.694	47.583	29.435	500.000
80.000	1050.000	1074.347	0.	8.209	24.355	0.	500.000
80.000	1050.000	1074.099	-0.243	7.792	23.821	0.534	500.000
83.500	1050.000	1080.593	0.	6.245	27.272	0.	350.000
83.500	1050.000	1080.742	0.149	6.643	27.583	-0.311	350.000
84.000	1050.000	1081.098	0.	0.506	26.802	0.	50.000
84.000	1050.000	1081.203	0.104	0.451	27.044	-0.221	50.000
85.750	1050.000	1083.207	0.	2.100	26.646	0.	175.000
85.750	1050.000	1083.216	0.009	2.013	26.674	-0.029	175.000
88.000	1050.000	1083.642	0.	0.437	27.378	0.	25.000
88.000	1050.000	1083.642	0.003	0.431	27.389	-0.013	25.000
90.000	1050.000	1084.058	0.	4.409	26.745	0.	400.000
90.000	1050.000	1085.050	-0.003	4.403	26.739	0.006	400.000
95.000	940.000	1092.297	0.	4.243	190.910	0.	500.000
95.000	940.000	1092.695	0.601	4.848	66.766	124.205	500.000
100.000	940.000	1099.329	0.	4.692	130.468	0.	500.000
100.000	940.000	1097.546	0.559	4.650	25.001	105.467	500.000
100.500	940.000	1098.062	0.	1.073	25.000	0.	50.000
100.500	940.000	1099.125	1.223	1.737	25.000	0.	50.000
101.500	940.000	1102.312	0.	0.250	7.000	0.	100.000
101.500	940.000	1103.535	1.223	4.250	7.000	0.	100.000
102.000	940.000	1103.256	0.	3.974	173.286	0.	50.000
102.000	940.000	1105.594	0.108	2.229	24.684	148.608	50.000
105.000	940.000	1106.675	0.	0.390	29.562	0.	300.000
105.000	940.000	1106.648	0.173	0.254	19.743	9.779	300.000
111.000	940.000	1110.926	0.	4.250	25.618	0.	600.000
111.000	940.000	1111.241	0.315	4.293	26.391	-0.773	600.000
115.000	940.000	1116.143	0.	5.218	26.148	0.	500.000
115.000	940.000	1116.032	-0.111	4.792	25.879	0.269	500.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	LINE	TABLET	TOP JOIN	TOP JOIN	AREA-ACRES	TOP JOIN	AREA-DIFF
1	0.	0.	0.	7.033	0.			
2	4.000	0.	3.895	0.	-3.336			

SUMMARY PRINTOUT

YADKIN RIVER 10-YEAR

SECTD	CASEL	VOL	DEPTH	VCR	QLOB	VLOB	QCH	VCH	QFOR	VROP	AREA	SECTD
883.90	952.81	0	23.51	2.74	1750.56	.78	8718.82	2.74	2030.62	1.12	7241.91	883.90
883.90	958.72	0	29.42	3.22	8418.56	1.42	13097.82	3.22	6083.62	1.63	13739.24	883.90
883.90	962.78	0	33.08	3.54	15359.42	1.77	16500.17	3.54	10140.41	1.90	18642.26	883.90
883.90	978.21	0	48.91	4.65	57032.68	2.92	32374.96	4.65	36592.37	2.91	39073.56	883.90
884.90	952.66	16.68	23.56	2.72	1772.40	.78	8688.40	2.72	2039.20	1.11	7289.49	884.90
884.90	958.76	31.60	29.46	3.21	8441.65	1.41	13066.80	3.21	6091.56	1.63	13791.77	884.90
884.90	962.82	42.98	33.52	3.52	15381.55	1.76	16469.87	3.52	10148.58	1.90	18748.97	884.90
884.90	978.26	88.77	48.96	4.64	57047.80	2.91	32348.48	4.64	36603.68	2.91	39135.57	884.90
885.90	952.90	33.47	23.60	2.71	1794.01	.78	8658.35	2.71	2047.64	1.11	7336.76	885.90
885.90	958.81	63.32	29.51	3.20	8464.49	1.41	13036.10	3.20	6099.41	1.62	13844.08	885.90
885.90	962.87	86.08	33.57	3.51	15403.48	1.76	16439.83	3.51	10156.69	1.89	18805.48	885.90
885.90	978.30	179.69	49.00	4.63	57062.91	2.91	32322.15	4.63	36614.94	2.91	39197.43	885.90
890.90	953.12	119.02	23.82	2.64	1899.32	.78	8512.51	2.64	2088.17	1.09	7570.15	890.90
890.90	959.03	223.72	29.73	3.14	8575.69	1.39	12886.59	3.14	6137.72	1.60	14103.85	890.90
890.90	963.09	303.55	33.79	3.46	15510.52	1.74	16292.95	3.46	10196.53	1.87	19086.13	890.90
890.90	978.53	631.38	49.23	4.59	57137.21	2.80	32192.25	4.59	36670.54	2.88	39505.38	890.90
909.00	950.02	378.64	23.72	3.14	659.35	1.27	10567.57	3.14	1273.06	1.30	4862.64	909.00
909.00	960.00	726.81	29.70	4.14	4947.97	1.36	18257.96	4.14	4394.06	2.21	10044.53	909.00
909.00	960.05	1011.52	33.75	4.40	12575.61	1.78	22520.02	4.40	6904.37	2.55	14896.58	909.00
909.00	979.44	2171.34	49.10	5.34	64088.57	3.08	41688.14	5.34	20223.29	3.51	34412.64	909.00
922.60	954.63	532.08	24.03	3.43	341.95	.69	10688.23	3.43	1469.82	.93	5196.45	922.60
922.60	960.68	1070.57	30.08	3.87	1988.63	1.23	15635.61	3.87	9975.76	1.43	12613.99	922.60
922.60	964.66	1527.51	34.06	3.91	3549.12	1.42	18137.69	3.91	20313.19	1.69	19181.17	922.60
922.60	979.97	3470.66	49.37	4.06	14074.70	1.70	28324.67	4.06	83600.59	2.28	51967.49	922.60
935.40	955.05	673.34	22.75	3.35	1.52	.25	11296.40	3.35	1202.08	1.11	4455.96	935.40
935.40	961.08	1370.01	28.74	4.73	142.48	.83	20845.40	4.73	6612.12	2.02	7846.43	935.40
935.40	968.98	2009.92	32.68	5.10	707.45	1.01	25944.91	5.10	15347.61	1.95	13644.63	935.40
935.40	980.17	4427.16	47.87	4.51	6805.60	1.63	34913.38	4.51	84281.02	2.34	48005.02	935.40
949.10	955.45	603.15	23.15	3.25	2.60	.28	11148.21	3.25	1329.00	1.12	4632.38	949.10
949.10	961.25	1505.64	29.35	4.52	174.19	.83	20406.79	4.52	7019.02	1.90	8423.19	949.10
949.10	965.57	2427.72	33.27	4.82	812.60	1.00	25032.66	4.82	16154.50	1.86	14702.91	949.10
949.10	980.85	6044.58	48.15	4.40	6809.00	1.61	34572.12	4.40	84578.67	2.31	48676.29	949.10
953.10	955.57	204.74	23.17	3.20	2.70	.28	11159.52	3.20	1337.69	1.12	4644.48	953.10
953.10	961.82	1087.42	29.42	4.50	178.61	.83	20343.73	4.50	7077.66	1.87	8516.22	953.10
953.10	965.73	2573.34	33.33	4.70	825.48	.99	24922.65	4.70	16251.87	1.85	14835.73	953.10
953.10	980.53	6805.62	48.13	4.45	6845.96	1.61	34596.05	4.45	84557.99	2.31	48628.69	953.10
955.10	958.02	847.13	23.23	3.23	3.00	.29	11140.10	3.23	1356.90	1.12	4671.59	955.10
955.10	961.91	1726.75	29.51	4.47	183.27	.83	20276.34	4.47	7140.39	1.85	8618.88	955.10
955.10	965.81	2641.60	33.41	4.75	834.73	.99	24800.63	4.75	16359.64	1.83	14984.10	955.10
955.10	980.57	7119.12	48.17	4.40	6852.10	1.61	34547.47	4.40	84600.39	2.31	48725.40	955.10
956.10	955.69	671.75	24.20	2.86	32.63	.46	10977.54	2.86	1489.82	1.25	5099.25	956.10
956.10	961.97	1745.04	30.57	4.11	455.73	1.00	21474.53	4.11	9669.74	2.29	8152.31	956.10
956.10	965.78	2669.33	34.38	5.06	1273.23	1.44	30674.36	5.06	10052.40	3.00	10260.20	956.10
956.10	980.17	7120.25	48.77	4.13	9200.66	1.29	74059.59	4.13	11139.84	5.18	20168.80	956.10



SECNO	CWSFL	VOL	DEPTH	VCH	QLOB	VLOB	QCH	VCH	QROB	VROB	AREA	SECNO
956.60	955.71	884.22	24.31	2.85	32.91	.46	10973.73	2.85	1493.36	1.25	5106.37	956.60
956.60	961.99	1755.34	30.59	4.11	457.41	1.00	21466.73	4.11	5675.86	2.29	8163.63	956.60
956.60	965.81✓	2682.29	34.41	5.06	1277.17	1.49	30662.65	5.06	10060.18	3.00	10274.27	956.60
956.60	980.21	7219.73	48.81	8.12	9910.04	3.29	74933.60	8.12	41156.37	5.18	20191.27	956.60
956.90	955.72	887.15	24.32	2.85	33.03	.46	10972.07	2.85	1494.90	1.25	5109.47	956.90
956.90	962.00	1760.03	30.60	4.11	458.14	1.00	21463.33	4.11	5678.53	2.29	8168.56	956.90
956.90	965.82✓	2688.19	34.42	5.05	1279.13	1.49	30656.82	5.05	10064.05	3.00	10281.25	956.90
956.90	980.22	7231.32	48.82	8.11	9915.11	3.29	74919.58	8.11	41165.31	5.18	20203.43	956.90
957.30	955.73	891.77	23.93	3.41	529.56	.75	10125.04	3.41	1845.40	1.44	4953.01	957.30
957.30	962.02	1766.13	30.22	4.33	3406.79	1.49	17220.08	4.33	6973.14	2.17	9481.41	957.30
957.30	966.44✓	2698.88	34.64	4.81	6718.47	1.90	22553.73	4.81	12727.80	2.66	13013.83	957.30
957.30	980.48	7252.04	48.68	7.31	26881.10	3.53	50636.30	7.31	48482.60	4.67	24923.16	957.30
957.60	955.73	894.62	23.93	3.41	531.02	.75	10121.53	3.41	1847.45	1.44	4957.92	957.60
957.60	962.03	1773.58	30.23	4.33	3409.48	1.49	17213.64	4.33	6976.88	2.17	9489.02	957.60
957.60	966.45✓	2706.36	34.65	4.81	6721.55	1.90	22546.51	4.81	12731.93	2.66	13022.58	957.60
957.60	980.49	7266.35	48.69	7.30	26884.89	3.53	50625.29	7.30	48489.83	4.67	24936.40	957.60
958.10	955.76	900.89	23.96	3.35	526.13	.74	9950.92	3.35	1822.95	1.42	4970.29	958.10
958.10	962.06	1789.57	30.26	4.27	3378.45	1.47	17012.16	4.27	6909.39	2.14	9506.22	958.10
958.10	966.48✓	2722.81	34.68	4.75	6647.68	1.87	22263.73	4.75	12588.59	2.62	13040.24	958.10
958.10	980.53	7297.85	48.73	7.21	26573.60	3.49	49997.08	7.21	47929.32	4.61	24967.64	958.10
959.10	955.80	912.32	24.00	3.33	532.55	.74	9935.49	3.33	1831.96	1.42	4992.36	959.10
959.10	962.10	1807.43	30.30	4.26	3389.21	1.47	16986.47	4.26	6924.32	2.14	9537.07	959.10
959.10	966.52✓	2752.78	34.72	4.74	6658.66	1.87	22236.05	4.74	12603.29	2.62	13071.88	959.10
959.10	980.59	7355.22	48.79	7.19	26586.51	3.48	49959.49	7.19	47954.00	4.60	25013.74	959.10
964.10	955.97	967.19	23.47	3.51	438.06	.72	10165.06	3.51	1696.87	1.45	4672.14	964.10
964.10	962.29	1914.61	29.79	4.43	3246.80	1.49	17325.98	4.43	6727.13	2.20	9139.18	964.10
964.10	966.71✓	2900.48	34.21	4.89	6512.35	1.91	22580.16	4.89	12407.49	2.68	12659.68	964.10
964.10	980.60	7640.17	46.30	7.31	26478.88	3.52	50272.27	7.31	47748.85	4.66	24634.89	964.10
975.00	956.40	1075.68	22.20	3.97	226.14	.63	10713.70	3.97	1360.16	1.50	3967.40	975.00
975.00	962.78	2131.56	26.58	4.90	2877.68	1.56	18191.43	4.90	6230.89	2.36	8200.75	975.00
975.00	967.18✓	3204.80	32.98	5.31	6136.16	2.01	23468.75	5.31	11893.09	2.84	11672.34	975.00
975.00	981.44	8244.62	47.24	7.63	26190.79	3.64	51103.21	7.63	47206.00	4.82	23677.21	975.00
990.00	957.27	1214.62	22.47	3.88	243.92	.65	10610.67	3.88	1425.41	1.50	4094.25	990.00
990.00	963.61	2417.01	28.81	4.81	2952.43	1.55	18026.26	4.81	6321.31	2.33	8378.26	990.00
990.00	967.96✓	3009.29	33.16	5.25	6195.00	1.92	23333.51	5.25	11971.49	2.81	11814.97	990.00
990.00	982.37	8064.93	47.57	7.53	26250.31	3.61	50846.01	7.53	47373.69	4.77	23966.38	990.00
999.20	957.76	1317.98	21.86	3.35	2569.77	.93	9725.95	3.35	4.28	.55	5687.71	999.20
999.20	964.12	2647.96	28.22	3.46	13388.73	1.18	13948.01	3.46	63.25	.94	15385.39	999.20
999.20	968.47✓	3421.60	32.57	3.44	24934.98	1.34	16413.04	3.44	151.98	1.07	23450.49	999.20
999.20	983.12	9879.71	47.22	4.25	92461.04	2.04	31073.11	4.25	965.85	1.65	53190.02	999.20
1005.80	958.00	1472.57	21.00	1.56	1023.31	.39	6242.68	1.56	5034.02	.56	15550.24	1005.80
1005.80	964.28	3075.18	27.28	1.28	4739.78	.42	6900.26	1.28	15659.96	.61	42503.98	1005.80
1005.80	968.59✓	4579.47	31.59	1.23	8411.14	.47	7949.41	1.23	25139.46	.67	62240.28	1005.80
1005.80	983.26	11166.30	46.26	1.52	30333.63	.71	15001.27	1.52	79165.10	.98	133308.41	1005.80

SECNO	CWSEL	VOL	DEPTH	VCH	QLOH	VLOH	QCH	VCH	QROH	VR0H	AREA	SECNO
1019.80	958.00	1757.77	20.50	5.05	233.22	.66	11678.26	5.05	388.52	1.00	3054.38	1019.80
1019.80	964.23	3890.63	26.73	4.90	5498.26	1.51	16628.53	4.90	5173.21	2.21	9347.33	1019.80
1019.80	968.54	5798.28	31.04	4.86	11813.03	1.70	19950.87	4.86	9736.10	2.54	14875.93	1019.80
1019.80	983.19	13930.77	45.69	5.46	55075.37	2.27	36003.48	5.46	33421.15	3.44	40506.71	1019.80
1024.80	958.58	1790.53	19.98	5.37	121.06	.65	11969.04	5.37	209.89	.87	2654.34	1024.80
1024.80	964.55	3992.93	25.98	5.39	4998.67	1.59	17458.98	5.39	4842.35	2.32	8478.20	1024.80
1024.80	968.80	5962.40	30.20	5.25	11235.97	1.80	20791.05	5.25	9472.98	2.68	13720.18	1024.80
1024.80	983.36	14385.14	44.76	5.75	54081.26	2.36	36975.27	5.75	33443.48	3.59	38662.97	1024.80
1026.80	958.84	1802.34	19.74	5.52	85.52	.67	12067.94	5.52	146.53	.83	2491.54	1026.80
1026.80	964.74	4030.97	25.64	5.61	4758.49	1.62	17865.56	5.61	4675.95	2.36	8091.58	1026.80
1026.80	968.91	6024.21	29.81	5.45	10958.77	1.85	21201.92	5.45	9339.30	2.75	13204.59	1026.80
1026.80	983.43	14560.73	44.33	5.89	53601.91	2.40	37446.56	5.89	33451.54	3.67	37821.03	1026.80
1028.00	959.24	1811.64	18.04	3.67	1524.19	1.05	10766.49	3.67	9.32	.45	4402.73	1028.00
1028.00	964.89	4053.12	23.69	4.91	7267.58	1.92	19676.86	4.91	355.59	1.74	7989.38	1028.00
1028.00	968.94	6057.38	27.74	5.64	13661.03	2.39	26932.70	5.64	906.27	2.35	10875.70	1028.00
1028.00	983.42	14661.76	42.22	6.75	65983.99	2.61	50824.48	6.75	7691.53	2.80	35531.58	1028.00
1028.50	959.27	1816.90	18.07	3.66	1534.92	1.05	10755.29	3.66	9.80	.46	4419.99	1028.50
1028.50	964.92	4062.31	23.72	4.90	7287.71	1.92	19654.24	4.90	358.05	1.74	8015.16	1028.50
1028.50	968.98	6069.88	27.78	5.63	13680.96	2.39	26909.96	5.63	909.08	2.34	10905.49	1028.50
1028.50	983.45	14702.58	42.25	6.74	66017.41	2.61	50781.51	6.74	7701.07	2.80	35583.85	1028.50
1028.70	959.29	1819.44	18.09	3.65	1540.05	1.05	10749.92	3.65	10.03	.46	4428.25	1028.70
1028.70	964.94	4066.91	23.74	4.89	7295.57	1.92	19645.40	4.89	359.03	1.74	8025.26	1028.70
1028.70	968.98	6076.14	27.74	5.62	13690.59	2.38	26898.98	5.62	910.43	2.34	10919.93	1028.70
1028.70	983.46	14723.01	42.24	6.74	66035.67	2.61	50758.05	6.74	7706.29	2.79	35612.44	1028.70
1028.80	959.29	1819.95	18.09	3.65	1541.07	1.05	10748.86	3.65	10.07	.47	4429.89	1028.80
1028.80	964.94	4067.63	23.74	4.89	7297.13	1.92	19643.64	4.89	359.23	1.74	8027.27	1028.80
1028.80	968.98	6077.39	27.80	5.62	13692.51	2.38	26896.79	5.62	910.70	2.34	10922.81	1028.80
1028.80	983.47	14727.10	42.27	6.74	66039.30	2.61	50753.37	6.74	7707.33	2.79	35618.14	1028.80
1029.20	959.31	1823.72	19.21	4.51	1314.08	.99	10943.52	4.51	42.02	1.21	3786.76	1029.20
1029.20	964.99	4075.57	24.89	5.50	8980.09	1.66	18092.30	5.50	227.61	1.84	8834.93	1029.20
1029.20	968.99	6082.84	28.99	5.70	12574.75	1.88	22464.23	5.70	461.03	2.08	14004.43	1029.20
1029.20	983.64	14762.79	43.54	6.17	84833.56	2.40	37775.73	6.17	1890.70	2.65	42124.51	1029.20
1029.40	959.33	1825.90	19.23	4.50	1322.50	.99	10935.30	4.50	42.20	1.21	3797.44	1029.40
1029.40	965.01	4080.65	24.91	5.49	8995.66	1.65	18076.37	5.49	227.96	1.84	8853.74	1029.40
1029.40	969.11	6096.88	29.01	5.73	12591.24	1.88	22447.31	5.73	461.42	2.08	14027.30	1029.40
1029.40	983.65	14766.98	43.55	6.16	84849.06	2.40	37760.41	6.16	1890.53	2.65	42150.18	1029.40
1030.00	959.37	1830.71	19.27	4.44	1335.27	.98	10822.35	4.44	42.37	1.20	3829.03	1030.00
1030.00	965.06	4091.86	24.96	5.40	8939.29	1.63	17834.28	5.40	226.43	1.81	8905.87	1030.00
1030.00	969.15	6110.63	29.05	5.64	12608.01	1.85	22135.15	5.64	456.84	2.05	14084.60	1030.00
1030.00	983.68	14840.23	43.58	6.08	83856.66	2.37	37275.93	6.08	1867.41	2.61	42200.34	1030.00
1031.00	959.45	1839.48	19.25	4.45	1321.92	.98	10836.00	4.45	42.08	1.20	3811.09	1031.00
1031.00	965.13	4112.27	24.93	5.42	8914.52	1.63	17859.62	5.42	225.86	1.82	8875.43	1031.00
1031.00	969.21	6146.90	29.01	5.66	12370.48	1.84	22173.58	5.66	455.94	2.05	14031.80	1031.00
1031.00	983.71	14936.95	43.51	6.10	83776.63	2.38	37355.05	6.10	1868.32	2.62	42066.22	1031.00

SECNO	C-SFL	VOL	DEPTH	VCH	GLOR	VLOR	QCH	VCH	QROB	VROB	AREA	SECNO
1033.00	959.77	1857.33	19.47	1.92	635.14	.40	4745.13	1.92	19.73	.53	3984.07	1033.00
1033.00	955.50	2153.73	25.20	1.88	3256.79	.57	6260.91	1.88	82.30	.63	9181.92	1033.00
1033.00	969.54	4212.14	29.24	1.72	5767.57	.57	6789.35	1.72	143.08	.62	14387.29	1033.00
1035.00	983.89	15130.48	43.50	4.64	60101.95	1.81	28471.11	4.64	1426.94	1.94	42236.38	1033.00
1038.00	959.83	1902.31	19.33	1.95	605.36	.44	4775.57	1.95	19.07	.53	3872.71	1038.00
1038.00	965.55	4254.10	25.05	1.90	3206.80	.58	6312.05	1.90	81.16	.64	9004.75	1038.00
1038.00	969.59	6375.88	29.09	1.74	5714.00	.57	6843.79	1.74	141.81	.63	14141.25	1038.00
1038.00	944.00	15614.20	43.50	4.67	64015.08	1.82	28556.99	4.67	1427.93	2.00	42045.82	1038.00
1047.20	959.96	1996.71	16.98	2.03	1147.42	.38	4252.58	2.03	0	0	5115.89	1047.20
1047.20	965.63	4562.75	24.63	1.00	6418.44	.34	3180.60	1.00	.96	.15	20572.93	1047.20
1047.20	969.64	6861.97	28.64	.85	9720.00	.34	2974.54	.85	5.46	.18	32141.33	1047.20
1047.20	984.22	16840.18	43.22	2.29	80956.47	1.18	12849.14	2.29	194.38	.74	74683.66	1047.20
1056.20	960.14	2081.56	16.64	2.18	949.27	.39	4450.73	2.18	0	0	4497.60	1056.20
1056.20	965.66	4890.02	24.16	1.18	6243.52	.38	3355.78	1.18	.70	.15	19224.26	1056.20
1056.20	969.65	7363.95	28.15	.90	9618.60	.35	3076.54	.90	4.86	.18	30731.17	1056.20
1056.20	984.27	18010.13	42.77	2.34	80840.69	1.20	12968.71	2.34	190.60	.76	73366.95	1056.20
1065.90	960.35	2185.45	18.55	1.92	645.49	.52	4485.14	1.92	269.37	.46	4166.47	1065.90
1065.90	965.70	5311.16	23.90	1.30	2970.97	.43	4404.51	1.30	2224.51	.52	14553.34	1065.90
1065.90	969.67	8354.82	27.87	.99	4807.55	.38	4125.58	.99	3766.87	.49	24420.39	1065.90
1065.90	984.34	19743.87	42.54	2.44	43801.85	1.19	17293.55	2.44	32904.60	1.59	64447.51	1065.90
1080.00	960.63	2315.12	16.23	2.02	588.98	.50	4599.00	2.02	212.02	.45	3845.68	1080.00
1080.00	965.79	5762.69	23.39	1.36	2725.88	.40	4465.57	1.36	2008.55	.53	13344.57	1080.00
1080.00	969.71	8821.65	27.31	1.01	4511.51	.38	4110.03	1.01	3528.46	.49	22972.22	1080.00
1080.00	984.44	21807.59	42.04	2.50	43665.95	1.22	17481.56	2.50	32852.50	1.62	63063.79	1080.00
1095.00	960.96	2443.27	17.96	2.10	543.10	.56	4689.57	2.10	167.33	.43	3597.13	1095.00
1095.00	965.80	4201.73	22.89	1.48	2592.23	.47	4731.21	1.48	1876.56	.55	12155.51	1095.00
1095.00	969.75	9582.57	26.75	1.08	4417.74	.40	4286.23	1.08	3446.03	.51	21570.81	1095.00
1095.00	984.57	23956.19	41.57	2.57	43529.70	1.24	17671.06	2.57	32799.24	1.66	61726.86	1095.00
1110.00	961.37	2547.34	17.57	2.82	0	0	5375.24	2.82	24.76	.29	1492.25	1110.00
1110.00	966.05	6556.36	22.25	2.54	151.16	.52	6636.50	2.54	2510.34	.72	6350.64	1110.00
1110.00	969.22	10241.23	26.02	1.83	373.71	.56	5687.91	1.83	6092.34	.73	12168.25	1110.00
1110.00	984.72	25018.21	40.92	3.74	4024.55	1.64	19651.51	3.74	70323.95	2.23	39109.42	1110.00
1120.00	961.75	2592.72	17.45	2.85	0	0	5381.58	2.85	18.42	.27	1958.05	1120.00
1120.00	966.25	4699.50	21.44	2.68	136.44	.52	6771.08	2.68	2292.46	.72	5954.23	1120.00
1120.00	969.91	10512.87	25.61	1.94	341.22	.55	5916.85	1.94	5871.94	.75	11497.09	1120.00
1120.00	984.90	26599.21	40.20	3.83	4017.00	1.71	19838.53	3.83	70144.43	2.28	38514.29	1120.00
1127.40	962.05	2527.09	17.05	2.94	568.80	1.15	4831.12	2.94	.00	.00	2134.96	1127.40
1127.40	966.85	4786.10	21.45	3.21	1535.49	1.26	7030.39	3.21	634.12	.77	4229.79	1127.40
1127.40	969.95	10635.69	25.65	2.54	2323.38	.99	6713.71	2.54	3112.91	.81	8843.37	1127.40
1127.40	985.03	27416.88	40.07	4.75	17911.24	2.33	21700.91	4.75	54387.82	2.64	32712.95	1127.40

YADKIN RIVER

500-YR

PROFILE REPLotted 1 NOV 76

BY S.P. FLETCHER

SUMMARY PRINTOUT

YADKIN RIVER 500-YEAR

SECNO	ELEVCL	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	FG	TOPPID	SBTA	ENDST	SECNO
883.90	0	0	0	929.30	126000.00	967.76	0	968.23	1312.56	26.74	1339.32	883.90
884.90	0	0	0	929.30	126000.00	967.81	0	968.28	1312.78	26.64	1339.42	884.90
885.90	0	0	0	929.30	126000.00	967.86	0	968.32	1312.97	26.54	1339.51	885.90
890.90	0	0	0	929.30	126000.00	968.09	0	968.54	1313.96	26.04	1339.99	890.90
909.00	0	0	0	930.30	126000.00	968.88	0	969.63	1255.42	38.98	1294.40	909.00
922.60	0	0	0	930.60	126000.00	970.23	0	970.64	2081.16	65.81	2146.98	922.60
935.40	0	0	0	932.30	126000.00	971.18	0	971.77	2265.13	39.88	2305.01	935.40
949.10	0	0	0	932.30	126000.00	972.47	0	972.93	2294.78	34.03	2328.82	949.10
953.10	0	0	0	932.40	126000.00	972.79	0	973.23	2299.84	33.04	2332.88	953.10
955.10	0	0	0	932.40	126000.00	972.95	0	973.38	2303.28	32.36	2335.64	955.10
956.10	0	0	0	931.40	126000.00	972.32	0	973.79	705.00	155.00	860.00	956.10
956.60	0	0	0	931.40	126000.00	972.43	0	973.88	705.00	155.00	860.00	956.60
956.90	0	0	0	931.40	126000.00	972.48	0	973.93	705.00	155.00	860.00	956.90
957.30	0	967.20	964.00	931.80	126000.00	972.95	0	973.93	865.00	0	865.00	957.30
957.60	0	0	0	931.80	126000.00	972.98	0	973.96	865.00	0	865.00	957.60
958.10	0	0	0	931.80	124500.00	973.09	0	974.03	865.00	0	865.00	958.10
959.10	0	0	0	931.80	124500.00	973.23	0	974.16	865.00	0	865.00	959.10
964.10	0	0	0	932.50	124500.00	973.85	0	974.79	865.00	0	865.00	964.10
975.00	0	0	0	934.20	124500.00	975.23	0	976.20	865.00	0	865.00	975.00
990.00	0	0	0	934.80	124500.00	977.17	0	978.02	865.00	0	865.00	990.00
999.20	0	0	0	935.90	124500.00	978.42	0	978.61	2088.36	51.35	2139.71	999.20
1005.80	0	0	0	937.00	124500.00	978.65	0	978.68	4946.76	103.61	5050.37	1005.80
1019.80	0	0	0	937.50	124500.00	978.55	0	978.93	1903.71	165.51	2069.21	1019.80
1024.80	0	0	0	938.60	124500.00	978.89	0	979.32	1865.06	199.59	2064.64	1024.80
1026.80	0	0	0	939.10	124500.00	979.04	0	979.49	1847.13	215.40	2062.52	1026.80
1028.00	0	0	0	941.20	124500.00	978.97	0	979.67	2116.59	106.09	2223.08	1028.00
1028.50	0	0	0	941.20	124500.00	979.03	0	979.73	2122.82	100.99	2223.80	1028.50

SECNO	ELENCL	ELTRD	ELLC	ELMTN	0	CRMSL	EG	TOPMID	85TA	ENDST	SECNO
1028.70	0	0	0	941.20	124500.00	979.04	979.75	2125.93	98.23	2224.16	1028.70
1028.80	0	0	0	941.20	124500.00	979.07	979.76	2126.55	97.68	2224.23	1028.80
1029.20	0	965.10	964.50	940.10	124500.00	979.30	979.76	2187.65	112.35	2300.00	1029.20
1029.40	0	0	0	940.10	124500.00	979.32	979.78	2189.41	110.59	2300.00	1029.40
1030.00	0	0	0	940.10	123000.00	979.24	979.81	2193.33	106.67	2300.00	1030.00
1031.00	0	0	0	940.20	123000.00	979.46	979.91	2191.97	108.03	2300.00	1031.00
1033.00	0	0	0	940.30	94000.00	979.80	980.05	2210.05	89.95	2300.00	1033.00
1038.00	0	0	0	940.50	94000.00	980.03	980.28	2212.08	87.92	2300.00	1038.00
1047.20	0	0	0	941.00	94000.00	980.43	980.47	2945.00	665.00	3610.00	1047.20
1056.20	0	0	0	941.50	94000.00	980.51	980.55	2945.00	665.00	3610.00	1056.20
1065.90	0	0	0	941.80	94000.00	980.63	980.69	2800.00	0	2800.00	1065.90
1080.00	0	0	0	942.40	94000.00	980.81	980.88	2800.00	0	2800.00	1080.00
1095.00	0	0	0	943.00	94000.00	981.03	981.09	2790.38	9.02	2799.40	1095.00
1110.00	0	0	0	943.80	94000.00	981.29	981.45	1906.78	30.23	1937.00	1110.00
1120.00	0	0	0	944.30	94000.00	981.61	981.77	1906.47	30.53	1937.00	1120.00
1127.40	0	0	0	945.00	94000.00	981.85	982.09	1674.00	0	1674.00	1127.40



SUMMARY PRINTOUT

YADKIN RIVER 500-YEAR

SECNO	CWSEL	VOL	DEPTH	VCH	QLOH	VLOH	QCH	VCH	QROB	VROB	AREA	SECNO
883.90	967.76	0	38.46	7.37	52534.84	4.33	39860.95	7.37	33604.21	4.44	25124.84	883.90
884.90	967.81	57.75	38.51	7.35	52570.68	4.32	39804.27	7.35	33625.05	4.43	25184.04	884.90
885.90	967.86	115.63	38.56	7.33	52606.22	4.31	39748.01	7.33	33645.76	4.42	25243.04	885.90
890.90	968.09	407.11	38.79	7.23	52785.45	4.27	39463.82	7.23	33750.74	4.37	25544.97	890.90
909.00	968.88	1373.44	38.58	9.00	51144.19	4.54	53673.18	9.00	21182.63	5.86	20838.74	909.00
922.60	970.23	2139.75	39.63	7.40	12107.43	2.82	40640.91	7.40	73251.67	5.64	29907.12	922.60
935.40	971.16	2967.36	38.88	8.56	4878.59	2.44	52822.63	8.56	68298.77	3.70	26642.50	935.40
949.10	972.47	3838.27	40.17	7.68	5266.28	2.30	49129.46	7.68	71604.26	3.42	29391.65	949.10
953.10	972.79	4112.32	40.39	7.55	5327.41	2.28	48550.19	7.55	72122.40	3.38	30098.40	953.10
955.10	972.95	4251.31	40.55	7.46	5368.27	2.26	48163.66	7.46	72468.08	3.35	30444.06	955.10
956.10	972.32	4300.47	40.92	11.07	6996.32	3.90	83002.70	11.07	36000.97	6.73	14640.10	956.10
956.60	972.43	4319.01	41.03	11.02	7044.92	3.90	82867.48	11.02	36087.60	6.70	14715.76	956.60
956.90	972.48	4327.46	41.08	11.00	7063.80	3.89	82814.84	11.00	36121.32	6.69	14745.32	956.90
957.30	972.95	4342.68	41.15	10.07	24341.16	4.49	57652.28	10.07	44006.56	6.06	18411.55	957.30
957.60	972.98	4353.26	41.18	10.05	24358.28	4.48	57607.77	10.05	44033.96	6.05	18443.80	957.60
958.10	973.09	4376.60	41.29	9.88	24115.59	4.41	56798.72	9.88	43585.68	5.96	18534.60	958.10
959.10	973.23	4419.29	41.43	9.82	24175.50	4.39	56642.17	9.82	43682.33	5.92	18650.92	959.10
964.10	973.85	4633.02	41.35	9.85	24144.08	4.40	56724.34	9.85	43631.58	5.94	18589.73	964.10
975.00	975.23	5094.60	41.03	10.01	23995.76	4.45	57110.31	10.01	43393.94	6.02	18306.30	975.00
990.00	977.17	5744.94	42.37	9.39	24573.51	4.25	55589.10	9.39	44337.38	5.71	19463.23	990.00
999.20	978.42	6406.68	42.52	5.33	89064.24	2.45	34632.53	5.33	803.23	1.94	43200.14	999.20
1005.80	978.66	7469.26	41.66	1.89	29237.51	1.84	14624.96	1.89	78637.53	1.15	110439.10	1005.80
1019.80	978.55	9721.61	41.05	7.13	49835.28	2.79	41368.34	7.13	33296.38	4.31	31366.70	1019.80
1024.80	978.89	10073.67	40.29	7.45	46015.25	2.91	42301.29	7.45	33183.46	4.48	29941.00	1024.80
1026.80	979.04	10209.64	39.94	7.61	48624.17	2.96	42751.26	7.61	33124.57	4.56	29289.55	1026.80
1028.00	978.97	10285.30	37.77	8.99	58728.31	3.38	60110.37	8.99	5651.32	3.53	25641.94	1028.00
1028.50	979.03	10314.80	37.83	8.96	58811.05	3.37	60001.73	8.96	5687.22	3.52	25754.35	1028.50

SECNO	CWSEL	VOL	DEPTH	VCH	QLOB	VLOB	QCH	VCH	QROR	VROR	AREA	SECNO
1028.70	979.06	10329.60	37.86	8.95	58852.3A	3.36	59947.45	8.95	5700.1A	3.51	25810.69	1028.70
1028.80	979.07	10332.56	37.87	8.95	58860.58	3.36	59936.66	8.95	5702.75	3.51	25821.90	1028.80
1029.20	979.30	10359.31	39.20	8.18	77862.83	2.95	44709.73	8.18	1927.44	3.43	32426.79	1029.20
1029.40	979.32	10377.93	39.27	8.17	77898.45	2.95	44673.71	8.17	1927.84	3.43	32478.36	1029.40
1030.00	979.38	10419.01	39.28	8.04	77038.06	2.90	44056.46	8.04	1905.4A	3.38	32593.31	1030.00
1031.00	979.46	10493.79	39.26	8.05	77010.95	2.90	44083.86	8.05	1905.1A	3.38	32553.38	1031.00
1033.00	979.80	10644.4A	39.50	6.06	59127.37	2.19	33413.73	6.06	1458.90	2.55	33086.14	1033.00
1038.00	980.03	11024.60	39.53	6.05	59157.89	2.19	33382.90	6.05	1459.21	2.55	33146.36	1038.00
1047.20	980.43	12040.39	39.43	2.77	79823.31	1.37	14021.13	2.77	155.56	.84	63570.24	1047.20
1056.20	980.51	13036.27	39.01	2.84	79666.64	1.39	14183.37	2.84	149.99	.85	62295.53	1056.20
1065.90	980.63	14498.96	38.83	2.99	42640.57	1.40	18934.67	2.99	32424.76	1.67	54047.23	1065.90
1080.00	980.81	16230.07	38.41	3.06	42492.09	1.43	19150.71	3.06	32357.17	1.91	52913.17	1080.00
1095.00	981.03	18033.19	38.03	3.13	42342.39	1.46	19368.56	3.13	32289.05	1.94	51812.2A	1095.00
1110.00	981.29	19673.04	37.49	4.66	3931.69	2.00	22057.58	4.66	68010.73	2.63	32581.55	1110.00
1120.00	981.61	20417.00	37.31	4.72	3925.8A	2.02	22212.17	4.72	67861.9A	2.65	32231.83	1120.00
1127.40	981.85	20923.27	36.85	5.85	1A150.55	2.77	24334.29	5.85	51515.16	3.09	27371.59	1127.40