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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR = 01  
 MODIFICATION = 50,51,52  
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T1 CATAWBA CREEK  
 T2 GASTON CO. FIG JOB # 207022  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	MINV	IDIR	STRT	METRIC	HVINS	O	WSEL	FO
	-1.	2.	0.	0.	0.002000	0.0	0.0	0.	580,000	0.0
J2	PROF	TPLOT	PREVS	XSECV	XSECH	FN	ALLOC	IRW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38,000	39,000	40,000	41,000	43,000	42,000	1,000	2,000	26,000	53,000
	54,000	25,000	50,000	0.0	201,000	0.0	0.0	0.0	0.0	0.0
VC	0.110	0.110	0.045	0.100	0.300	0.0	0.0	0.0	0.0	0.0
BT	5,000	2670,000	4280,000	4490,000	7580,000	4890,000	0.0	0.0	0.0	0.0
ET	5,000	0.0	0.0	0.0	0.0	-10,000	0.0	0.0	0.0	0.0
X1	25725,000	19,000	1671,000	1727,000	25725,000	25725,000	25725,000	25725,000	0.0	0.0
GR	589,700	1000,000	587,900	1100,000	586,400	1200,000	582,900	1300,000	582,400	1400,000
GR	583,300	1500,000	583,400	1600,000	583,400	1665,000	581,100	1671,000	578,000	1673,000
GR	573,500	1679,000	575,700	1690,000	576,600	1719,000	578,000	1725,000	583,800	1727,000
GR	584,600	1800,000	584,600	1900,000	587,600	2000,000	589,700	2084,000	0.0	0.0
X1	25740,000	0.0	0.0	0.0	15,000	15,000	15,000	15,000	0.730	0.0
X1	25755,000	28,000	1556,000	1670,000	15,000	15,000	15,000	15,000	0.0	0.0
GR	591,500	1000,000	591,500	1100,000	592,000	1200,000	592,200	1300,000	592,400	1400,000
GR	592,900	1500,000	593,200	1550,000	585,200	1556,000	585,000	1568,000	578,500	1583,000
GR	575,100	1594,000	591,400	1590,000	591,400	1595,000	575,100	1595,000	574,900	1611,000
GR	575,700	1615,000	575,500	1631,000	575,100	1630,000	591,500	1634,000	591,500	1635,000
GR	575,100	1635,000	575,800	1645,000	583,700	1651,000	588,300	1674,000	593,300	1675,000
GR	593,100	1700,000	590,300	1800,000	596,700	1900,000	0.0	0.0	0.0	0.0
VC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25756,000	0.0	0.0	0.0	1,000	1,000	1,000	1,000	0.0	0.0
BT	14,000	1000,000	591,500	0.0	1100,000	591,500	0.0	1200,000	592,000	0.0
BT	1300,000	592,200	0.0	1400,000	592,400	0.0	1500,000	592,900	0.0	1555,000
BT	593,200	0.0	1556,000	593,200	591,400	1615,000	593,200	591,500	1674,000	593,200
BT	591,500	1675,000	593,300	0.0	1700,000	593,100	0.0	1800,000	594,300	0.0
BT	1900,000	596,700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25784,000	28,000	1556,000	1674,000	28,000	28,000	28,000	28,000	0.0	0.0

HEC-2 USER'S MANUAL (REVISED 1977)

BT	14,000	1000,000	591,500	0,0	1100,000	591,500	0,0	1200,000	592,000	0,0
BT	1300,000	592,200	0,0	1400,000	592,400	0,0	1500,000	592,900	0,0	1555,000
BT	593,200	0,0	1556,000	593,200	591,400	1615,000	593,200	591,500	1674,000	593,200
BT	591,500	1675,000	593,300	0,0	1700,000	593,100	0,0	1800,000	594,300	0,0
BT	1900,000	596,700	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
GR	591,500	1000,000	591,500	1100,000	592,000	1200,000	592,200	1300,000	592,400	1400,000
GR	592,900	1500,000	593,200	1555,000	585,200	1556,000	585,000	1568,000	578,500	1583,000
GR	575,100	1594,000	591,400	1594,000	591,400	1595,000	575,100	1595,000	574,900	1611,000
GR	575,000	1615,000	575,500	1631,000	575,100	1634,000	591,500	1634,000	591,500	1635,000
GR	575,100	1635,000	575,200	1645,000	583,700	1651,000	588,300	1674,000	593,300	1675,000
GR	593,100	1700,000	594,300	1800,000	596,700	1900,000	0,0	0,0	0,0	0,0
VC	0,050	0,110	0,045	0,0	0,0	0,0	0,0	0,0	0,0	0,0

XI	25785,000	0,0	0,0	0,0	1,000	1,000	1,000	0,0	0,0	0,0
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XI	25803,000	16,000	1427,000	1473,500	17,500	17,500	17,500	0,0	1,650	0,0
GR	580,800	1000,000	583,200	1100,000	582,400	1200,000	580,700	1275,000	578,600	1279,000
GR	581,100	1283,000	581,800	1300,000	583,500	1400,000	584,600	1427,000	577,500	1437,000
GR	571,600	1445,000	574,600	1457,000	577,500	1472,000	580,800	1473,500	583,600	1500,000
GR	581,800	1515,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

XI	25923,000	0,0	0,0	0,0	17,500	17,500	17,500	0,0	1,650	0,0
VC	0,075	0,085	0,045	0,0	0,0	0,0	0,0	0,0	0,0	0,0

XI	28900,000	28,000	1281,000	1334,000	3080,000	3080,000	3080,000	0,0	0,0	0,0
GR	588,700	1000,000	593,700	1013,000	588,300	1030,000	588,500	1100,000	588,400	1121,000
GR	588,900	1126,000	588,400	1132,000	589,300	1200,000	588,900	1265,000	583,000	1273,000
GR	589,500	1277,000	589,700	1281,000	584,600	1291,000	583,500	1296,000	582,200	1297,000
GR	582,900	1309,000	579,900	1321,000	583,500	1322,000	588,900	1334,000	591,500	1346,000
GR	590,200	1400,000	590,000	1495,000	589,200	1496,000	587,000	1504,000	589,100	1507,000
GR	591,500	1550,000	593,400	1565,000	588,600	1595,000	0,0	0,0	0,0	0,0
VC	0,097	0,100	0,045	0,0	0,0	0,0	0,0	0,0	0,0	0,0
BT	5,000	2520,000	4040,000	4630,000	7040,000	4630,000	0,0	0,0	0,0	0,0

XI	31780,000	18,000	1136,000	1195,000	2880,000	2880,000	2880,000	0,0	0,0	0,0
GR	606,300	1000,000	597,200	1048,000	593,300	1070,000	595,400	1075,000	594,300	1100,000
GR	594,300	1114,000	592,600	1119,000	595,200	1124,000	595,700	1136,000	588,500	1143,000
GR	587,200	1148,000	586,400	1157,000	588,500	1168,000	589,900	1187,000	595,700	1195,000
GR	593,800	1229,000	599,300	1250,000	604,500	1270,000	0,0	0,0	0,0	0,0
VC	0,110	0,110	0,045	0,0	0,0	0,0	0,0	0,0	0,0	0,0

XI	33325,000	13,000	1092,000	1162,000	1545,000	1545,000	1545,000	0,0	0,0	0,0
GR	611,100	1000,000	606,800	1035,000	602,100	1056,000	597,700	1078,000	599,200	1092,000
GR	589,100	1104,000	587,100	1112,000	588,200	1125,000	589,100	1142,000	600,200	1162,000
GR	601,600	1200,000	600,800	1250,000	604,700	1280,000	0,0	0,0	0,0	0,0

XI	33363,000	0,0	0,0	0,0	38,000	38,000	38,000	0,0	0,930	0,0
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XI	33400,000	19,000	1108,800	1188,200	37,000	37,000	37,000	0,0	0,0	0,0
GR	612,700	1000,000	609,100	1050,000	606,600	1100,000	606,100	1107,800	607,600	1107,900
GR	602,600	1108,800	594,800	1118,200	590,500	1126,200	588,900	1142,200	596,000	1156,200
GR	592,500	1160,200	599,600	1188,200	604,900	1189,100	603,400	1189,200	602,900	1200,000
GR	602,900	1250,000	609,000	1300,000	607,100	1350,000	609,500	1400,000	0,0	0,0
VC	0,060	0,060	0,045	0,0	0,0	0,0	0,0	0,0	0,0	0,0

XI	33401,000	0,0	0,0	0,0	1,000	1,000	1,000	0,0	0,0	0,0
BT	14,000	1000,000	612,900	0,0	1050,000	609,100	0,0	1100,000	606,600	0,0

BT	1107.800	606.100	0.0	1107.500	607.600	0.0	1108.800	607.500	603.200	1188.200
BT	504.900	600.600	1189.100	604.900	0.0	1189.200	603.400	0.0	1200.000	602.900
BT	0.0	1250.000	602.900	0.0	1300.000	605.000	0.0	1350.000	607.100	0.0
BT	1400.000	609.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
XI	33419.000	12.000	1108.500	1188.200	18.100	18.100	18.100	0.0	0.0	0.0
BT	14.000	1000.000	612.900	0.0	1050.000	609.100	0.0	1100.000	606.600	0.0
BT	1107.800	606.100	0.0	1107.900	607.600	0.0	1108.800	607.500	603.200	1188.200
BT	604.900	600.600	1189.100	604.900	0.0	1189.200	603.400	0.0	1200.000	602.900
BT	0.0	1250.000	602.900	0.0	1300.000	605.000	0.0	1350.000	607.100	0.0
BT	1400.000	609.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	612.900	1000.000	609.100	1050.000	606.600	1100.000	606.100	1107.800	607.500	1107.900
GR	602.600	1108.800	594.800	1118.200	590.500	1126.200	588.900	1142.200	590.000	1156.200
GR	592.500	1168.200	599.600	1188.200	604.900	1189.100	603.400	1189.200	602.900	1200.000
GR	602.900	1250.000	605.000	1300.000	607.100	1350.000	609.500	1400.000	0.0	0.0
VC	0.110	0.110	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0
XI	33420.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
XI	33485.000	12.000	1055.000	1111.000	65.000	65.000	65.000	0.0	0.220	0.0
GR	609.200	1000.000	598.900	1038.000	598.000	1055.000	590.000	1063.000	589.200	1065.000
GR	588.500	1094.000	590.000	1103.000	599.900	1111.000	598.200	1134.000	601.700	1176.000
GR	601.100	1199.000	603.500	1211.000	0.0	0.0	0.0	0.0	0.0	0.0
XI	33550.000	0.0	0.0	0.0	65.000	65.000	65.000	0.0	-0.220	0.0
VC	0.100	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	5.000	2480.000	3910.000	4470.000	6340.000	4470.000	0.0	0.0	0.0	0.0
XI	38340.000	12.000	1056.000	1108.000	4790.000	4790.000	4790.000	0.0	0.0	0.0
GR	617.600	1000.000	609.200	1032.000	606.800	1043.000	606.600	1056.000	596.900	1060.000
GR	595.800	1076.000	596.000	1091.000	596.900	1096.000	603.600	1101.000	607.300	1108.000
GR	506.100	1125.000	612.500	1156.000	0.0	0.0	0.0	0.0	0.0	0.0
VC	0.075	0.080	0.042	0.0	0.0	0.0	0.0	0.0	0.0	0.0
XI	40230.000	14.000	1089.000	1147.000	1890.000	1890.000	1890.000	0.0	0.0	0.0
GR	616.500	1000.000	612.200	1027.000	611.200	1059.000	612.500	1071.000	611.400	1089.000
GR	605.200	1095.000	600.800	1103.000	597.200	1105.000	595.700	1114.000	598.000	1129.000
GR	500.800	1135.000	610.900	1147.000	612.900	1200.000	616.900	1250.000	0.0	0.0
BT	5.000	2390.000	3810.000	4360.000	6130.000	4360.000	0.0	0.0	0.0	0.0
XI	40246.000	0.0	0.0	0.0	16.000	16.000	16.000	0.0	2.430	0.0
XI	40262.000	25.000	1182.000	1250.100	16.000	16.000	16.000	0.0	0.0	0.0
GR	625.400	1000.000	622.700	1050.000	621.300	1100.000	618.900	1150.000	620.600	1181.000
GR	616.600	1182.000	612.800	1193.000	604.700	1201.000	619.500	1201.400	619.500	1202.400
GR	604.700	1202.000	602.500	1209.300	601.000	1220.600	600.600	1223.900	602.800	1236.200
GR	605.300	1240.400	619.500	1246.400	619.500	1241.400	605.300	1241.400	609.000	1246.200
GR	617.100	1259.100	620.800	1260.100	621.300	1300.000	623.100	1350.000	625.400	1388.000
VC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
XI	40263.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	12.000	1000.000	625.400	0.0	1050.000	622.700	0.0	1100.000	621.300	0.0
BT	1150.000	618.900	0.0	1191.000	620.600	0.0	1182.000	620.700	619.500	1220.600
BT	620.700	619.500	1259.100	620.800	619.600	1260.100	620.800	0.0	1300.000	621.300
BT	0.0	1350.000	623.100	0.0	1388.000	625.400	0.0	0.0	0.0	0.0

CONTINUED FROM PREVIOUS PAGE

X1	40286.000	25.000	1102.000	1259.100	23.200	23.200	23.200	0.0	0.0	0.0
BT	12.000	1000.000	625.400	0.0	1050.000	622.700	0.0	1100.000	621.300	0.0
BT	1150.000	618.900	0.0	1181.000	620.600	0.0	1182.000	620.700	619.500	1220.600
BT	620.700	619.500	1259.100	620.800	619.600	1260.100	620.800	0.0	1300.000	621.300
BT	0.0	1350.000	623.100	0.0	1388.000	625.400	0.0	0.0	0.0	0.0
GR	625.400	1000.000	622.700	1050.000	621.300	1100.000	618.900	1150.000	620.600	1181.000
GR	618.900	1182.000	617.800	1193.800	604.700	1201.400	619.500	1201.400	619.500	1202.400
GR	604.700	1202.400	602.500	1209.300	601.000	1220.600	600.600	1223.900	602.800	1236.200
GR	605.300	1240.400	619.500	1240.400	619.500	1241.400	605.300	1241.400	609.000	1246.200
GR	617.100	1259.100	620.800	1260.100	621.300	1300.000	623.100	1350.000	625.400	1388.000
NC	0.090	0.090	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	40287.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
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X1	40300.000	13.000	1105.000	1161.000	21.400	21.400	21.400	0.0	0.230	0.0
SR	617.100	1000.000	618.000	1053.000	612.500	1063.000	610.700	1100.000	610.000	1105.000
SR	602.000	1113.000	600.100	1120.000	601.100	1134.000	602.000	1147.000	605.600	1154.000
SR	610.000	1161.000	612.800	1170.000	620.300	1190.000	0.0	0.0	0.0	0.0

X1	40330.000	0.0	0.0	0.0	21.400	21.400	21.400	0.0	-0.230	0.0
NC	0.110	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	41700.000	15.000	1077.000	1137.000	1370.000	1370.000	1370.000	0.0	0.0	0.0
SP	617.300	1000.000	617.300	1025.000	614.800	1044.000	615.200	1066.000	615.100	1077.000
SR	606.200	1087.000	605.900	1059.000	604.800	1103.000	605.900	1126.000	608.800	1130.000
SR	613.100	1137.000	614.500	1144.000	615.000	1200.000	619.300	1216.000	616.100	1224.000
NC	0.100	0.070	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	5.000	2120.000	3410.000	3920.000	5360.000	3920.000	0.0	0.0	0.0	0.0

X1	46900.000	17.000	1161.000	1219.000	5200.000	5200.000	5200.000	0.0	0.0	0.0
SR	628.000	1000.000	630.900	1073.000	631.800	1100.000	631.700	1114.000	628.500	1123.000
SR	629.800	1161.000	626.500	1165.000	625.000	1171.000	620.300	1177.000	618.500	1186.000
SP	617.800	1187.000	616.400	1200.000	617.100	1210.000	618.500	1213.000	626.700	1219.000
GR	627.400	1239.000	635.400	1261.000	0.0	0.0	0.0	0.0	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR = 01  
 MODIFICATION = 50,51,52  
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T1 CATANBA CREEK  
 T2 GASTON CO. FTS JOB # 207022  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IND	NINV	IDIR	SPT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.002000	0.0	0.0	0.	581.000	0.0
J2	WPSIF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

\*PROF 2

CCNV= 0.100 CENV= 0.300

\*SECD 25725.000

SECD	DEPTH	CWSFL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

25725.00	11.92	585.42	0.0	581.00	585.83	0.41	0.0	0.0	581.10
4280.	1038.	3133.	108.	981.	521.	182.	0.	0.	585.80
0.0	1.06	6.01	0.60	0.110	0.045	0.110	0.0	573.50	1228.08
0.002006	25725.	25725.	25725.	0	0	7	0.0	699.16	1927.24

\*SECD 25740.000

25740.00	10.75	585.13	0.0	0.0	585.99	0.82	0.04	0.12	581.83
4280.	613.	3659.	8.	566.	467.	19.	0.	0.	584.53
0.00	1.08	7.83	0.40	0.110	0.045	0.110	0.042	574.23	1255.71
0.003942	15.	15.	15.	2	0	0	0.0	530.60	1786.32

\*SECD 25755.000

3265 DIVIDED FLOW

25755.00	10.61	585.51	0.0	0.0	586.08	0.57	0.06	0.02	585.20
4280.	0.	4280.	0.	0.	706.	0.	1.	0.	588.30
0.00	1.01	6.07	0.0	0.110	0.045	0.110	0.042	574.90	1555.96
0.004268	15.	15.	15.	2	0	0	0.0	102.09	1660.05

\*SECD 25756.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, WTD= 14 MIN ELTRO= 591.50 MAX ELIC= 591.50

25756.00	10.61	585.51	0.0	0.0	586.08	0.57	0.00	0.00	585.20
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CONTAINS ATTACHED REPORT FOOTNOTES

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR = 01  
 MODIFICATION = 50,51,52  
 \*\*\*\*\*

T1 CATAWBA CREEK  
 T2 GASTON CO. FIS JOB # 207022  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS 0 WSEL FQ  
 -10. 4. 0. 0. 0.002000 0.0 0.0 0. 583.000 0.0

J2 WPROF IPLOT PRFVS XSECV XSFCH FN ALLDC IBW CHNIM ITRACE  
 3.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

\*PROF 3

CCHV= 0.100 CEMV= 0.300

\*SECNO 25725.000

SECNO	DEPTH	WSEL	CRIWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
0	QLOB	QCH	QRDB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRDB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

25725.00	12.31	585.81	0.0	583.00	586.22	0.41	0.0	0.0	581.10
4890.	1344.	3355.	191.	1156.	543.	263.	0.	0.	583.80
0.0	1.16	6.18	0.73	0.110	0.045	0.110	0.0	573.50	1216.90
0.002005	25725.	25725.	25725.	0	0	5	0.0	723.39	1940.29

\*SECNO 25740.000

25740.00	11.34	585.57	0.0	0.0	586.38	0.81	0.04	0.12	581.83
4890.	919.	3937.	38.	731.	489.	72.	1.	0.	584.53
0.00	1.25	8.05	0.52	0.110	0.045	0.110	0.042	574.23	1244.47
0.003915	15.	15.	15.	2	0	0	0.0	663.65	1908.12

\*SECNO 25755.000

3265 DIVIDED FLOW

25755.00	10.87	585.77	0.0	0.0	586.46	0.69	0.07	0.01	585.20
4890.	0.	4890.	0.	0.	732.	0.	1.	0.	588.30
0.00	0.01	6.68	0.0	0.110	0.045	0.110	0.042	574.90	1555.93
0.005031	15.	15.	15.	2	0	0	0.0	103.41	1661.34

\*SECNO 25756.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRDE=14 MIN ELLRD= 591.50 MAX ELLC= 591.50

25756.00	10.87	585.77	0.0	0.0	586.47	0.69	0.01	0.00	585.20
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CONTINUED ON PROFORMA MOON REPORT FORM NO. 1

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERRDR CORR - 01  
 MODIFICATION - 50,51,52  
 \*\*\*\*\*

T1 CATANBA CREEK  
 T2 GASTON CO. FIS JOB # 207022  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	-10.	5.	0.	0.	0.002000	0.0	0.0	0.0	584.000	0.0

J2	PROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

\*PROF 4

CCMV= 0.100 CEMV= 0.300

\*SECNO 25725.000

SECNO	DEPTH	CWSFL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	DEQB	QCH	QRQB	ALQB	ACH	ARQB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
25725.00	13.70	567.20	0.0	584.00	587.60	0.41	0.0	0.0	581.10
7590.	2730.	4194.	653.	1826.	621.	591.	0.	0.	583.80
0.0	1.50	6.75	1.10	0.110	0.045	0.110	0.0	573.50	1146.91
0.002006	25725.	25725.	25725.	0	0	5	0.0	839.63	1986.55

\*SECNO 25740.000

25740.00	12.79	587.02	0.0	0.0	587.73	0.72	0.04	0.09	581.83
7580.	2339.	4815.	425.	1378.	570.	369.	1.	0.	584.53
0.00	1.70	6.44	1.15	0.110	0.045	0.110	0.042	574.23	1203.17
0.003515	15.	15.	15.	2	0	0	0.0	753.13	1956.30

\*SECNO 25755.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

25755.00	11.79	586.69	0.0	0.0	587.99	1.30	0.08	0.17	585.20
7580.	0.	7560.	0.	0.	830.	0.	1.	0.	588.30
0.00	0.76	9.13	0.0	0.110	0.045	0.110	0.042	574.90	1555.81
0.008550	15.	15.	15.	2	0	0	0.0	108.16	1665.97

\*SECNO 25756.000

3265 DIVIDED FLOW

CONTOUR INTERVAL @ 1000 FEET HIGHER THAN 1000

\*\*\*\*\*  
 NEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR = 01  
 MODIFICATION = 50,51,52  
 \*\*\*\*\*

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECTNO	XLEN	ELTRD	ELLC	U	ELMIN	CHSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
25725.000	25725.00	0.0	0.0	2670.00	573.50	584.09	0.0	5.37	1266.11	1753.13	867.24	0.0
25725.000	25725.00	0.0	0.0	4280.00	573.50	585.02	0.0	6.01	1228.08	1927.24	1683.95	1.33
25725.000	25725.00	0.0	0.0	4890.00	573.50	585.81	0.0	6.18	1216.90	1940.29	1962.34	0.39
25725.000	25725.00	0.0	0.0	7580.00	573.50	587.20	0.0	6.75	1146.91	1986.55	3037.88	1.39
25740.000	15.00	0.0	0.0	2670.00	574.23	583.90	0.0	6.58	1291.03	1726.80	498.54	0.0
25740.000	15.00	0.0	0.0	4280.00	574.23	585.10	0.0	7.83	1255.71	1786.32	1052.30	1.23
25740.000	15.00	0.0	0.0	4890.00	574.23	585.57	0.0	8.05	1244.47	1708.12	1293.04	0.39
25740.000	15.00	0.0	0.0	7580.00	574.23	587.02	0.0	8.44	1203.17	1956.30	2316.98	1.45
25755.000	15.00	0.0	0.0	2670.00	574.90	584.37	0.0	4.43	1569.44	1654.38	602.29	0.0
25755.000	15.00	0.0	0.0	4280.00	574.90	585.51	0.0	6.07	1555.96	1660.05	705.68	1.13
25755.000	15.00	0.0	0.0	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.34	732.17	0.26
25755.000	15.00	0.0	0.0	7580.00	574.90	586.69	0.0	9.13	1555.81	1665.97	830.15	0.92
25756.000	1.00	591.50	591.50	2670.00	574.90	584.38	0.0	4.43	1569.44	1654.39	602.43	0.0
25756.000	1.00	591.50	591.50	4280.00	574.90	585.51	0.0	6.06	1555.96	1660.06	705.87	1.14
25756.000	1.00	591.50	591.50	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.36	732.59	0.26
25756.000	1.00	591.50	591.50	7580.00	574.90	586.70	0.0	9.13	1555.81	1665.98	830.44	0.93
25784.000	28.00	591.50	591.50	2670.00	574.90	584.44	0.0	4.39	1569.29	1654.70	607.59	0.0
25784.000	28.00	591.50	591.50	4280.00	574.90	585.65	0.0	5.94	1555.94	1660.77	720.39	1.21
25784.000	28.00	591.50	591.50	4890.00	574.90	585.95	0.0	6.52	1555.91	1662.23	750.57	0.29
25784.000	28.00	591.50	591.50	7580.00	574.90	587.05	0.0	8.73	1555.77	1667.74	868.69	1.10
25785.000	1.00	0.0	0.0	2670.00	574.90	584.45	0.0	4.39	1569.28	1654.73	608.18	0.0
25785.000	1.00	0.0	0.0	4280.00	574.90	585.66	0.0	5.94	1555.94	1660.79	720.76	1.21
25785.000	1.00	0.0	0.0	4890.00	574.90	585.95	0.0	6.51	1555.91	1662.25	751.08	0.29
25785.000	1.00	0.0	0.0	7580.00	574.90	587.06	0.0	8.72	1555.77	1667.78	869.54	1.11
25803.000	17.50	0.0	0.0	2670.00	573.25	584.05	0.0	8.20	1199.25	1515.00	423.31	0.0
25803.000	17.50	0.0	0.0	4280.00	573.25	585.72	0.0	7.24	1075.60	1515.00	998.67	1.67
25803.000	17.50	0.0	0.0	4890.00	573.25	586.26	0.0	6.75	1060.68	1515.00	1235.19	0.53
25803.000	17.50	0.0	0.0	7580.00	573.25	588.08	0.0	6.00	1010.27	1515.00	2105.24	1.83
25820.000	17.50	0.0	0.0	2670.00	571.60	585.01	0.0	3.22	1049.63	1515.00	1417.97	0.0
25820.000	17.50	0.0	0.0	4280.00	571.60	586.23	0.0	3.57	1015.68	1515.00	2007.58	1.22
25820.000	17.50	0.0	0.0	4890.00	571.60	586.64	0.0	3.67	1004.45	1515.00	2211.72	0.41
25820.000	17.50	0.0	0.0	7580.00	571.60	588.29	0.0	3.90	1000.00	1515.00	3063.09	1.66

CONTINUED AT BOTTOM OF NEXT PAGE



SECNO	VLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRINS	VCH	SSTA	ENDST	AREA	DIFWSP
28900.000	3080.00	0.0	0.0	2670.00	579.90	589.20	588.25	8.68	1000.00	1595.00	442.40	0.0
28900.000	3080.00	0.0	0.0	4280.00	579.90	590.43	0.0	8.90	1000.00	1595.00	900.07	1.23
28900.000	3080.00	0.0	0.0	4890.00	579.90	590.79	0.0	8.79	1000.00	1595.00	1079.00	0.37
28900.000	3080.00	0.0	0.0	7580.00	579.90	592.08	0.0	8.89	1000.00	1595.00	1775.77	1.28
31780.000	2880.00	0.0	0.0	2520.00	586.40	597.51	0.0	4.37	1046.36	1243.17	850.74	0.0
31780.000	2880.00	0.0	0.0	4040.00	586.40	599.03	0.0	5.43	1038.34	1248.98	1160.66	1.52
31780.000	2880.00	0.0	0.0	4630.00	586.40	599.49	0.0	5.82	1035.94	1250.71	1257.16	0.45
31780.000	2880.00	0.0	0.0	7040.00	586.40	601.04	0.0	7.15	1027.73	1256.70	1602.63	1.56
33325.000	1545.00	0.0	0.0	2520.00	587.10	599.24	0.0	4.33	1070.28	1160.28	603.89	0.0
33325.000	1545.00	0.0	0.0	4040.00	587.10	601.18	0.0	5.54	1060.58	1252.95	808.60	1.93
33325.000	1545.00	0.0	0.0	4630.00	587.10	601.78	0.0	5.94	1057.59	1257.56	918.37	0.60
33325.000	1545.00	0.0	0.0	7040.00	587.10	603.81	0.0	7.20	1048.36	1273.15	1349.05	2.03
33363.000	38.00	0.0	0.0	2520.00	588.03	599.24	0.0	4.87	1074.96	1158.59	522.69	0.0
33363.000	38.00	0.0	0.0	4040.00	588.03	601.16	0.0	6.16	1065.34	1162.85	696.08	1.92
33363.000	38.00	0.0	0.0	4630.00	588.03	601.75	0.0	6.61	1062.39	1250.17	759.24	0.59
33363.000	38.00	0.0	0.0	7040.00	588.03	603.74	0.0	8.04	1052.82	1265.47	1130.61	1.99
33400.000	37.00	0.0	0.0	2520.00	588.90	599.30	0.0	4.86	1112.78	1187.34	518.22	0.0
33400.000	37.00	0.0	0.0	4040.00	588.90	601.25	0.0	6.05	1110.42	1188.48	668.46	1.95
33400.000	37.00	0.0	0.0	4630.00	588.90	601.85	0.0	6.48	1109.70	1188.58	715.18	0.60
33400.000	37.00	0.0	0.0	7040.00	588.90	603.80	0.0	8.05	1108.58	1271.68	934.24	1.95
33401.000	1.00	602.90	603.20	2520.00	588.90	599.30	0.0	4.86	1112.77	1187.36	518.86	0.0
33401.000	1.00	602.90	603.20	4040.00	588.90	601.25	0.0	6.10	1110.42	1188.48	661.92	1.95
33401.000	1.00	602.90	603.20	4630.00	588.90	601.82	0.0	6.72	1109.74	1188.58	689.02	0.57
33401.000	1.00	602.90	603.20	7040.00	588.90	603.49	0.0	9.71	1108.64	1264.02	755.96	1.67
33419.000	18.10	602.90	603.20	2520.00	588.90	599.34	0.0	4.83	1112.73	1187.46	521.31	0.0
33419.000	18.10	602.90	603.20	4040.00	588.90	601.31	0.0	6.08	1110.36	1188.49	664.45	1.97
33419.000	18.10	602.90	603.20	4630.00	588.90	601.91	0.0	6.69	1109.64	1188.59	692.48	0.59
33419.000	18.10	602.90	603.20	7040.00	588.90	603.75	0.0	9.62	1108.59	1270.20	776.25	1.84
33420.000	1.00	0.0	0.0	2520.00	588.90	599.34	0.0	4.83	1112.73	1187.47	521.69	0.0
33420.000	1.00	0.0	0.0	4040.00	588.90	601.33	0.0	6.00	1110.34	1188.49	673.97	1.99
33420.000	1.00	0.0	0.0	4630.00	588.90	601.98	0.0	6.39	1109.55	1188.60	725.24	0.64
33420.000	1.00	0.0	0.0	7040.00	588.90	604.35	0.0	7.57	1108.48	1284.62	1026.34	2.37
33485.000	65.00	0.0	0.0	2520.00	588.72	599.57	0.0	5.06	1036.32	1147.86	526.11	0.0
33485.000	65.00	0.0	0.0	4040.00	588.72	601.63	0.0	6.21	1028.74	1200.55	788.23	2.05
33485.000	65.00	0.0	0.0	4630.00	588.72	602.32	0.0	6.49	1026.19	1204.01	907.08	0.69
33485.000	65.00	0.0	0.0	7040.00	588.72	604.90	0.0	7.11	1016.66	1211.00	1391.83	2.58
33550.000	65.00	0.0	0.0	2520.00	588.50	599.85	0.0	4.76	1034.53	1153.69	579.98	0.0
33550.000	65.00	0.0	0.0	4040.00	588.50	601.97	0.0	5.76	1026.65	1203.38	884.81	2.13
33550.000	65.00	0.0	0.0	4630.00	588.50	602.68	0.0	6.01	1024.06	1206.90	1011.35	0.70
33550.000	65.00	0.0	0.0	7040.00	588.50	605.23	0.0	6.68	1014.65	1211.00	1498.19	2.55
38340.000	4790.00	0.0	0.0	2460.00	595.80	608.37	0.0	4.59	1035.79	1137.30	597.83	0.0
38340.000	4790.00	0.0	0.0	3910.00	595.80	611.07	0.0	5.46	1024.84	1147.16	901.12	2.70
38340.000	4790.00	0.0	0.0	4470.00	595.80	611.91	0.0	5.76	1021.66	1150.21	1005.90	0.84
38340.000	4790.00	0.0	0.0	6340.00	595.80	614.49	0.0	6.51	1011.84	1156.00	1360.31	2.58

2025 RELEASE UNDER E.O. 14176

SECNO	XLCH	FLTRD	ELLG		FLMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
40230.000	1890.00	0.0	0.0	2460.00	595.70	610.38	0.0	4.52	1089.98	1146.39	543.94	0.0
40230.000	1890.00	0.0	0.0	3910.00	595.70	613.16	0.0	5.39	1020.99	1206.44	858.40	2.78
40230.000	1890.00	0.0	0.0	4470.00	595.70	614.01	0.0	5.58	1015.61	1227.85	1028.63	0.86
40230.000	1890.00	0.0	0.0	6340.00	595.70	616.57	0.0	5.84	1000.00	1250.00	1639.20	2.56
40246.000	16.00	0.0	0.0	2390.00	598.13	610.25	0.0	5.89	1092.47	1143.34	406.07	0.0
40246.000	16.00	0.0	0.0	3810.00	598.13	612.97	0.0	6.89	1089.83	1146.57	552.63	2.72
40246.000	16.00	0.0	0.0	4360.00	598.13	613.78	0.0	7.28	1054.19	1158.93	602.27	0.81
40246.000	16.00	0.0	0.0	6130.00	598.13	616.28	0.0	7.80	1016.64	1223.76	994.34	2.50
40262.000	16.00	0.0	0.0	2390.00	600.60	610.10	0.0	7.30	1196.33	1247.95	327.34	0.0
40262.000	16.00	0.0	0.0	3810.00	600.60	612.84	0.0	8.06	1193.68	1252.31	472.77	2.74
40262.000	16.00	0.0	0.0	4360.00	600.60	613.65	0.0	8.38	1191.16	1253.61	520.32	0.81
40262.000	16.00	0.0	0.0	6130.00	600.60	616.08	0.0	9.00	1183.62	1257.47	680.99	2.43
40263.000	1.00	618.90	619.60	2390.00	600.60	610.10	0.0	7.30	1196.33	1247.95	327.49	0.0
40263.000	1.00	618.90	619.60	3810.00	600.60	612.84	0.0	8.06	1193.67	1252.32	472.97	2.74
40263.000	1.00	618.90	619.60	4360.00	600.60	613.66	0.0	8.38	1191.15	1253.61	520.58	0.81
40263.000	1.00	618.90	619.60	6130.00	600.60	616.09	0.0	9.00	1183.61	1257.48	681.22	2.43
40286.000	23.20	618.90	619.60	2390.00	600.60	610.31	0.0	7.07	1196.13	1248.29	338.08	0.0
40286.000	23.20	618.90	619.60	3810.00	600.60	613.06	0.0	7.85	1193.00	1252.66	485.38	2.75
40286.000	23.20	618.90	619.60	4360.00	600.60	613.89	0.0	8.15	1190.42	1253.98	534.77	0.83
40286.000	23.20	618.90	619.60	6130.00	600.60	616.33	0.0	8.77	1182.84	1257.87	699.13	2.44
40287.000	1.00	0.0	0.0	2390.00	600.60	610.32	0.0	7.06	1196.13	1248.30	338.42	0.0
40287.000	1.00	0.0	0.0	3810.00	600.60	613.07	0.0	7.84	1192.97	1252.67	485.77	2.75
40287.000	1.00	0.0	0.0	4360.00	600.60	613.90	0.0	8.15	1190.40	1253.99	535.20	0.83
40287.000	1.00	0.0	0.0	6130.00	600.60	616.34	0.0	8.76	1182.82	1257.88	699.67	2.44
40309.000	21.40	0.0	0.0	2390.00	600.33	610.70	0.0	5.67	1101.64	1162.51	422.40	0.0
40309.000	21.40	0.0	0.0	3810.00	600.33	613.50	0.0	6.41	1057.84	1171.27	674.02	2.80
40309.000	21.40	0.0	0.0	4360.00	600.33	614.38	0.0	6.64	1050.44	1173.60	777.00	0.87
40309.000	21.40	0.0	0.0	6130.00	600.33	616.94	0.0	7.10	1006.64	1180.43	1157.37	2.56
40330.000	21.40	0.0	0.0	2390.00	600.10	610.79	0.0	5.44	1098.10	1163.55	442.59	0.0
40330.000	21.40	0.0	0.0	3810.00	600.10	613.59	0.0	6.18	1055.70	1172.12	710.82	2.80
40330.000	21.40	0.0	0.0	4360.00	600.10	614.47	0.0	6.40	1044.93	1174.46	817.69	0.88
40330.000	21.40	0.0	0.0	6130.00	600.10	617.03	0.0	6.87	1001.13	1181.29	1214.35	2.56
41700.000	1370.00	0.0	0.0	2390.00	604.80	613.85	0.0	5.84	1078.41	1140.74	410.61	0.0
41700.000	1370.00	0.0	0.0	3810.00	604.80	616.26	0.0	6.65	1032.89	1224.00	706.16	2.41
41700.000	1370.00	0.0	0.0	4360.00	604.80	617.03	0.0	6.84	1027.03	1224.00	842.99	0.77
41700.000	1370.00	0.0	0.0	6130.00	604.80	619.26	0.0	7.20	1000.00	1224.00	1319.42	2.23
46900.000	5200.00	0.0	0.0	2120.00	616.40	626.84	0.0	5.47	1164.58	1223.12	388.00	0.0
46900.000	5200.00	0.0	0.0	3010.00	616.40	629.00	0.0	6.58	1000.00	1243.39	559.23	2.16
46900.000	5200.00	0.0	0.0	3920.00	616.40	629.63	0.0	6.96	1000.00	1245.12	644.40	0.63
46900.000	5200.00	0.0	0.0	5360.00	616.40	630.98	0.0	7.90	1000.00	1248.88	896.72	1.36

SUMMARY OF ERRORS

CONNECTED BY WIRE TO THE BUREAU

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 REC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 61  
 MODIFICATION - 50,51,52  
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T1 CATAWBA CREEK  
 T2 GASTON CO. FIS JOB # 207022  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IQQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-1.	4.	0.	0.	0.0	0.0	0.0	0.	585.800	0.0
J2	UPROF	IPLT	PREVS	XSECV	XSECH	FI	ALLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	36.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	200.000	0.0	0.0	0.0	0.0	0.0
NC	0.110	0.110	0.045	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	2570.000	4280.000	4890.000	7580.000	4390.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	25725.000	19.000	1671.000	1727.000	25725.000	25725.000	25725.000	0.0	0.0	0.0
GR	589.700	1000.000	587.900	1100.000	586.400	1200.000	582.900	1300.000	582.400	1400.000
GR	583.300	1500.000	583.400	1600.000	583.400	1665.000	581.100	1671.000	578.000	1673.000
GR	573.500	1679.000	575.700	1694.000	576.600	1719.000	578.000	1725.000	583.800	1727.000
GR	584.600	1800.000	584.800	1900.000	587.600	2000.000	589.700	2084.000	0.0	0.0
X1	25740.000	0.0	0.0	0.0	15.000	15.000	15.000	0.0	0.730	0.0
X1	25755.000	28.000	1556.000	1674.000	15.000	15.000	15.000	0.0	0.0	0.0
GR	591.500	1000.000	591.500	1100.000	592.000	1200.000	592.200	1300.000	592.400	1400.000
GR	592.900	1500.000	593.200	1555.000	585.200	1556.000	585.000	1568.000	578.500	1583.000
GR	575.100	1594.000	591.400	1594.000	591.400	1595.000	575.100	1595.000	574.900	1611.000
GR	575.000	1615.000	575.500	1631.000	575.100	1634.000	591.500	1634.000	591.500	1635.000
GR	575.100	1635.000	575.800	1645.000	583.700	1651.000	588.300	1674.000	593.300	1675.000
GR	593.100	1700.000	594.300	1800.000	596.700	1900.000	0.0	0.0	0.0	0.0
NC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25756.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	14.000	1000.000	591.500	0.0	1100.000	591.500	0.0	1200.000	592.000	0.0
BT	1300.000	592.200	0.0	1400.000	592.400	0.0	1500.000	592.900	0.0	1555.000
BT	593.200	0.0	1556.000	593.200	591.400	1615.000	593.200	591.500	1674.000	593.200
BT	591.500	1675.000	593.300	0.0	1700.000	593.100	0.0	1800.000	594.300	0.0
BT	1900.000	596.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25784.000	28.000	1556.000	1674.000	28.000	28.000	28.000	0.0	0.0	0.0
BT	14.000	1000.000	591.500	0.0	1100.000	591.500	0.0	1200.000	592.000	0.0
BT	1300.000	592.200	0.0	1400.000	592.400	0.0	1500.000	592.900	0.0	1555.000
BT	593.200	0.0	1556.000	593.200	591.400	1615.000	593.200	591.500	1674.000	593.200

BT	591.500	1675.000	593.300	0.0	1700.000	593.100	0.0	1800.000	594.300	0.0
BT	1900.000	396.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	591.500	1000.000	591.500	1100.000	592.000	1200.000	592.200	1300.000	592.400	1400.000
GR	592.900	1500.000	593.200	1555.000	565.200	1556.000	585.000	1566.000	578.500	1583.000
GR	575.100	1594.000	591.400	1594.000	591.400	1595.000	575.100	1595.000	574.900	1611.000
GR	575.000	1615.000	575.500	1631.000	575.100	1634.000	591.500	1634.000	591.500	1635.000
GR	575.100	1635.000	575.800	1645.000	583.700	1651.000	588.300	1674.000	593.300	1675.000
GR	593.100	1700.000	594.300	1800.000	596.700	1900.000	0.0	0.0	0.0	0.0
NC	0.050	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	25785.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
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X1	25803.000	16.000	1427.000	1473.500	17.500	17.500	17.500	0.0	1.650	0.0
GR	586.800	1000.000	583.200	1100.000	582.400	1200.000	580.700	1275.000	578.600	1279.000
GR	581.100	1283.000	591.800	1300.000	583.500	1400.000	584.600	1427.000	577.500	1437.000
GR	571.600	1445.000	574.600	1457.000	577.500	1472.000	580.800	1473.500	583.600	1500.000
GR	580.800	1515.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	25820.000	0.0	0.0	0.0	17.500	17.500	17.500	0.0	-1.650	0.0
NC	0.075	0.085	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	1168.000	1468.000	0.0	0.0

X1	28900.000	28.000	1281.000	1334.000	3080.000	3080.000	3080.000	0.0	0.0	0.0
GR	588.700	1000.000	593.700	1013.000	588.300	1030.000	588.500	1100.000	588.400	1121.000
GR	586.900	1126.000	588.400	1132.000	589.300	1200.000	588.900	1265.000	583.000	1273.000
GR	589.500	1277.000	589.700	1201.000	584.600	1291.000	583.500	1296.000	582.200	1297.000
GR	582.900	1309.000	579.900	1321.000	583.500	1322.000	588.900	1334.000	591.500	1346.000
GR	590.200	1400.000	590.000	1495.000	589.200	1496.000	587.000	1504.000	589.100	1507.000
GR	591.500	1550.000	593.400	1565.000	588.600	1595.000	0.0	0.0	0.0	0.0
NC	0.020	0.100	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	2520.000	4040.000	4630.000	7040.000	4630.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-5.400	0.0	0.0	0.0	0.0

X1	31780.000	12.000	1136.000	1195.000	2880.000	2880.000	2880.000	0.0	0.0	0.0
GR	606.300	1000.000	597.200	1048.000	593.300	1070.000	595.400	1075.000	594.300	1100.000
GR	594.300	1114.000	592.600	1119.000	595.200	1124.000	595.700	1136.000	588.500	1143.000
GR	597.000	1148.000	586.400	1157.000	588.500	1168.000	589.900	1187.000	595.700	1195.000
GR	593.800	1229.000	599.300	1250.000	604.500	1270.000	0.0	0.0	0.0	0.0
NC	0.110	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	33325.000	13.000	1092.000	1162.000	1545.000	1545.000	1545.000	0.0	0.0	0.0
GR	611.100	1000.000	606.200	1035.000	602.100	1056.000	597.700	1078.000	598.200	1092.000
GR	599.100	1104.000	587.100	1112.000	588.200	1125.000	589.100	1142.000	600.200	1162.000
GR	601.600	1200.000	600.800	1250.000	604.700	1280.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	33363.000	0.0	0.0	0.0	38.000	38.000	38.000	0.0	0.930	0.0
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X1	33400.000	19.000	1108.800	1188.200	37.000	37.000	37.000	0.0	0.0	0.0
GR	612.900	1000.000	609.100	1050.000	606.600	1100.000	606.100	1107.800	607.600	1107.900
GR	602.600	1108.800	594.800	1118.200	590.500	1126.200	588.900	1142.200	590.000	1156.200
GR	595.500	1168.200	599.600	1188.200	604.900	1189.100	603.400	1189.200	602.900	1200.000
GR	602.900	1250.000	605.000	1300.000	607.100	1350.000	609.500	1400.000	0.0	0.0
NC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	33401.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	14.000	1000.000	612.900	0.0	1050.000	609.100	0.0	1100.000	606.600	0.0

BT	1107.800	606.100	0.0	1107.900	607.600	0.0	1108.800	607.500	603.200	1188.200
BT	604.900	600.600	1189.100	604.900	0.0	1189.200	603.400	0.0	1200.000	602.900
BT	0.0	1250.000	602.900	0.0	1300.000	605.000	0.0	1350.000	607.100	0.0
BT	1400.000	609.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	33419.000	19.000	1108.800	1188.200	18.100	18.100	18.100	0.0	0.0	0.0
BT	14.000	1000.000	612.900	0.0	1050.000	609.100	0.0	1100.000	606.600	0.0
BT	1107.800	606.100	0.0	1107.900	607.600	0.0	1108.800	607.500	603.200	1188.200
BT	604.900	600.600	1189.100	604.900	0.0	1189.200	603.400	0.0	1200.000	602.900
BT	0.0	1250.000	602.900	0.0	1300.000	605.000	0.0	1350.000	607.100	0.0
BT	1400.000	609.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	612.900	1000.000	609.100	1050.000	606.600	1100.000	606.100	1107.800	607.600	1107.900
GR	602.600	1108.800	594.800	1118.200	590.500	1126.200	588.900	1142.200	590.000	1156.200
GR	592.500	1160.200	599.600	1188.200	604.900	1189.100	603.400	1189.200	602.900	1200.000
GR	602.900	1250.000	605.000	1300.000	607.100	1350.000	609.500	1400.000	0.0	0.0
NC	0.110	0.110	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	33420.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
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X1	33485.000	12.000	1055.000	1111.000	65.000	65.000	65.000	0.0	0.220	0.0
GR	609.200	1000.000	598.900	1038.000	598.000	1055.000	590.000	1063.000	589.200	1065.000
GR	588.500	1094.000	590.000	1103.000	599.900	1111.000	598.200	1134.000	601.700	1176.000
GR	601.100	1199.000	603.500	1211.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1047.000	1120.000	0.0	0.0

X1	33550.000	0.0	0.0	0.0	65.000	65.000	65.000	0.0	-0.220	0.0
NC	0.100	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	5.000	2460.000	3910.000	4470.000	6340.000	4470.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-6.400	0.0	0.0	0.0	0.0

X1	38340.000	12.000	1056.000	1108.000	4790.000	4790.000	4790.000	0.0	0.0	0.0
GR	617.600	1000.000	609.200	1032.000	606.800	1043.000	606.600	1056.000	596.900	1060.000
GR	595.800	1078.000	596.000	1091.000	596.900	1096.000	603.600	1101.000	607.300	1108.000
GR	606.100	1129.000	613.500	1156.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.075	0.080	0.042	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-4.400	0.0	0.0	0.0	0.0

X1	40230.000	14.000	1089.000	1147.000	1890.000	1890.000	1890.000	0.0	0.0	0.0
GR	616.500	1000.000	612.200	1027.000	611.200	1059.000	612.500	1071.000	611.400	1089.000
GR	605.200	1095.000	600.800	1103.000	597.200	1105.000	595.700	1114.000	598.000	1129.000
GR	600.800	1135.000	610.900	1147.000	612.900	1200.000	614.900	1250.000	0.0	0.0
BT	5.000	2390.000	3810.000	4360.000	6130.000	4360.000	0.0	0.0	0.0	0.0

X1	40246.000	0.0	0.0	0.0	16.000	16.000	16.000	0.0	2.430	0.0
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X1	40262.000	25.000	1182.000	1259.100	16.000	16.000	16.000	0.0	0.0	0.0
GR	625.400	1000.000	622.700	1050.000	621.300	1100.000	618.900	1150.000	620.600	1181.000
GR	616.600	1182.000	612.800	1193.800	604.700	1201.400	619.500	1201.400	619.500	1202.400
GR	604.700	1202.400	602.500	1209.300	601.000	1220.600	600.600	1223.900	602.800	1236.200
GR	605.300	1240.400	619.500	1240.400	619.500	1241.400	605.300	1241.400	609.000	1246.200
GR	617.100	1259.100	620.800	1260.100	621.300	1300.000	623.100	1350.000	625.400	1388.000
NC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	40263.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	12.000	1000.000	625.400	0.0	1050.000	622.700	0.0	1100.000	621.300	0.0
BT	1150.000	618.900	0.0	1181.000	620.600	0.0	1182.000	620.700	619.500	1220.600
BT	620.700	619.500	1259.100	620.800	619.500	1260.100	620.800	0.0	1300.000	621.300



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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	UIFWSP
25725.000	25725.00	0.0	0.0	4890.00	573.50	585.80	0.0	6.19	1217.14	1940.01	1956.21	0.0
25725.000	25725.00	0.0	0.0	4890.00	573.50	586.80	0.0	6.61	1509.39	1780.85	1305.05	1.00
25740.000	15.00	0.0	0.0	4890.00	574.23	585.56	0.0	8.07	1244.79	1907.74	1285.58	0.0
25740.000	15.00	0.0	0.0	4890.00	574.23	586.41	0.0	8.83	1634.95	1735.35	640.72	0.85
25755.000	15.00	0.0	0.0	4890.00	574.90	585.76	0.0	6.68	1555.93	1661.32	731.75	0.0
25755.000	15.00	0.0	0.0	4890.00	574.90	587.23	0.0	5.49	1556.00	1666.72	890.10	1.47
25756.000	1.00	591.50	591.50	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.34	732.14	0.0
25756.000	1.00	591.50	591.50	4890.00	574.90	587.24	0.0	5.50	1556.00	1666.69	889.51	1.47
25784.000	28.00	591.50	591.50	4890.00	574.90	585.94	0.0	6.52	1555.91	1662.20	750.13	0.0
25784.000	28.00	591.50	591.50	4890.00	574.90	587.33	0.0	5.44	1556.00	1669.13	899.12	1.39
25785.000	1.00	0.0	0.0	4890.00	574.90	585.95	0.0	6.51	1555.91	1662.23	750.62	0.0
25785.000	1.00	0.0	0.0	4890.00	574.90	587.33	0.0	5.43	1556.00	1669.17	900.12	1.39
25803.000	17.50	0.0	0.0	4890.00	573.25	586.24	0.0	6.81	1061.28	1515.00	1225.30	0.0
25803.000	17.50	0.0	0.0	4890.00	573.25	587.29	0.0	7.24	1273.50	1487.10	963.17	1.05
25820.000	17.50	0.0	0.0	4890.00	571.60	586.64	0.0	3.67	1004.52	1515.00	2210.36	0.0
25820.000	17.50	0.0	0.0	4890.00	571.60	587.81	0.0	3.78	1210.93	1499.50	1886.45	1.18
28900.000	3080.00	0.0	0.0	4890.00	579.90	590.80	0.0	8.78	1000.00	1595.00	1080.20	0.0
28900.000	3080.00	0.0	0.0	4890.00	579.90	591.51	0.0	9.46	1168.00	1468.00	845.90	0.71
31700.000	2880.00	0.0	0.0	4630.00	586.40	599.48	0.0	5.82	1035.95	1250.71	1256.77	0.0
31730.000	2880.00	0.0	0.0	4630.00	586.40	600.16	0.0	5.88	1081.46	1226.41	1119.08	0.67
33325.000	1545.00	0.0	0.0	4630.00	587.10	601.78	0.0	5.94	1057.59	1257.55	918.25	0.0
33325.000	1545.00	0.0	0.0	4630.00	587.10	602.39	0.0	5.79	1092.00	1162.00	799.35	0.61
33363.000	38.00	0.0	0.0	4630.00	588.03	601.75	0.0	6.61	1062.40	1250.16	759.15	0.0
33363.000	38.00	0.0	0.0	4630.00	588.03	602.39	0.0	6.31	1092.00	1162.00	733.96	0.64
33400.000	37.00	0.0	0.0	4630.00	588.90	601.85	0.0	6.48	1109.70	1188.58	715.12	0.0
33400.000	37.00	0.0	0.0	4630.00	588.90	602.52	0.0	6.03	1108.90	1188.20	767.33	0.67

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CHSEL	CRWS	VCH	SSTA	ENDST	AREA	UFWSP
33401.000	1.00	602.90	603.20	4630.00	588.90	601.82	0.0	6.72	1109.74	1188.58	688.99	0.0
33401.000	1.00	602.90	603.20	4630.00	588.90	602.45	0.0	6.53	1109.98	1188.68	709.11	0.63
33419.000	18.10	602.90	603.20	4630.00	588.90	601.90	0.0	6.69	1109.64	1188.59	692.45	0.0
33419.000	18.10	602.90	603.20	4630.00	588.90	602.54	0.0	6.51	1108.87	1188.70	711.41	0.64
33420.000	1.00	0.0	0.0	4630.00	588.90	601.98	0.0	6.39	1109.55	1188.60	725.22	0.0
33420.000	1.00	0.0	0.0	4630.00	588.90	602.67	0.0	5.94	1108.80	1188.20	779.25	0.69
33435.000	65.00	0.0	0.0	4630.00	588.72	602.32	0.0	6.49	1026.19	1204.00	906.91	0.0
33435.000	65.00	0.0	0.0	4630.00	588.72	602.85	0.0	6.84	1055.00	1111.00	676.46	0.53
33550.000	65.00	0.0	0.0	4630.00	588.50	602.68	0.0	6.01	1024.06	1206.89	1011.22	0.0
33550.000	65.00	0.0	0.0	4630.00	588.50	603.26	0.0	6.33	1047.00	1120.00	785.48	0.58
38340.000	4790.00	0.0	0.0	4470.00	595.80	611.91	0.0	5.76	1021.66	1150.21	1005.92	0.0
38340.000	4790.00	0.0	0.0	4470.00	595.80	612.59	0.0	5.90	1050.42	1115.66	820.39	0.68
40230.000	1890.00	0.0	0.0	4470.00	595.70	614.01	0.0	5.58	1015.61	1227.85	1028.62	0.0
40230.000	1890.00	0.0	0.0	4470.00	595.70	614.65	0.0	5.59	1079.04	1152.37	839.34	0.64
40246.000	16.00	0.0	0.0	4360.00	598.13	613.78	0.0	7.28	1054.19	1158.93	602.27	0.0
40246.000	16.00	0.0	0.0	4360.00	598.13	614.50	0.0	6.90	1089.00	1147.00	641.05	0.72
40262.000	16.00	0.0	0.0	4360.00	600.60	613.65	0.0	8.38	1191.16	1253.61	520.32	0.0
40262.000	16.00	0.0	0.0	4360.00	600.60	614.41	0.0	7.68	1188.79	1254.82	567.78	0.76
40263.000	1.00	618.90	619.60	4360.00	600.60	613.66	0.0	8.38	1191.15	1253.61	520.58	0.0
40263.000	1.00	618.90	619.60	4360.00	600.60	614.42	0.0	7.67	1188.77	1254.83	568.16	0.76
40286.000	23.20	618.90	619.60	4360.00	600.60	613.89	0.0	8.15	1190.42	1253.98	534.77	0.0
40286.000	23.20	618.90	619.60	4360.00	600.60	614.59	0.0	7.52	1188.22	1255.11	579.54	0.71
40287.000	1.00	0.0	0.0	4360.00	600.60	613.90	0.0	8.15	1190.40	1253.99	535.20	0.0
40287.000	1.00	0.0	0.0	4360.00	600.60	614.60	0.0	7.52	1188.21	1255.12	579.92	0.71
40309.000	21.40	0.0	0.0	4360.00	600.33	614.38	0.0	6.64	1050.44	1173.60	777.00	0.0
40309.000	21.40	0.0	0.0	4360.00	600.33	614.88	0.0	6.65	1105.00	1161.00	655.41	0.50
40330.000	21.40	0.0	0.0	4360.00	600.10	614.47	0.0	6.40	1044.93	1174.46	817.69	0.0
40330.000	21.40	0.0	0.0	4360.00	600.10	615.00	0.0	6.34	1098.00	1167.00	731.03	0.53
41700.000	1370.00	0.0	0.0	4360.00	604.80	617.03	0.0	6.84	1027.03	1224.00	842.99	0.0
41700.000	1370.00	0.0	0.0	4360.00	604.80	617.40	0.0	6.93	1070.00	1145.00	665.32	0.37
46900.000	5200.00	0.0	0.0	3920.00	616.40	629.63	0.0	6.96	1000.00	1245.12	644.40	0.0
46900.000	5200.00	0.0	0.0	3920.00	616.40	629.71	0.0	6.88	1000.00	1245.00	658.45	0.08

SUMMARY OF ERRORS



FLOODWAY DATA, 100 YEAR FLOOD WATER SUR  
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
25725.000	271.	1305.	3.7	506.8	585.0	1.0
25740.000	100.	641.	7.6	586.5	585.6	0.9
25755.000	111.	890.	5.5	507.3	505.8	1.5
25756.000	111.	890.	5.5	587.3	585.8	1.5
25784.000	111.	899.	5.4	587.3	505.9	1.4
25785.000	111.	900.	5.4	587.3	585.9	1.4
25803.000	214.	963.	5.1	587.2	586.2	1.0
25820.000	289.	1886.	2.6	587.8	586.6	1.2
28900.000	300.	846.	5.8	591.5	590.8	0.7
31780.000	145.	1119.	4.1	600.2	599.5	0.7
33325.000	70.	799.	5.8	602.4	601.8	0.6
33363.000	70.	734.	6.3	602.4	601.8	0.6
33400.000	79.	767.	6.0	602.5	601.8	0.7
33401.000	80.	709.	6.5	602.4	601.8	0.6
33419.000	30.	711.	6.5	602.5	601.9	0.6
33420.000	79.	779.	5.9	602.7	602.0	0.7
33485.000	56.	676.	6.8	602.8	602.3	0.5
33550.000	73.	705.	5.9	603.3	602.7	0.6
33340.000	65.	820.	5.4	612.6	611.9	0.7
40230.000	73.	839.	5.3	614.6	614.0	0.6
40246.000	58.	641.	6.8	614.5	613.8	0.7
40262.000	64.	568.	7.7	614.5	613.7	0.8
40263.000	64.	568.	7.7	614.6	613.9	0.7
40286.000	65.	580.	7.5	614.6	613.9	0.7
40287.000	55.	580.	7.5	614.6	613.9	0.7
40309.000	56.	655.	6.7	614.9	614.4	0.5
40330.000	69.	731.	6.0	615.0	614.5	0.5
41700.000	75.	665.	6.6	617.4	617.0	0.4
46900.000	151.	658.	6.0	629.7	629.6	0.1

GR	617.8	1187	616.4	1200	617.1	1210	618.5	1213	626.7	1219
GR	627.4	1239	635.4	1261						
EJ										
T1	CATAWBA CREEK									
T2	GASTON CO. FIS JOB # 207022									
T3	100 YEAR FLOODWAY									
J1	-10	6							586.8	
J2	15		-1							
EJ										

ER  
 CATAB2 JOB RTI.A25.P01198.DMC.M=1.T=2.P=100.PRTY=0  
 //\*PROCLIB=RTI.MG.PROCLIB  
 // EXEC HEC2  
 //SYSIN DD \*

T1	CATAWBA RIVER TRIBUTARY 2									
T2	GASTON CO. FIS JOB # 207022									
T3	100 YEAR FLOOD WATER SURFACE PROFILE									
J1	-1								571.8	
J2	0		-1							
J3	38	39	40	41	43	42	1	2	26	53
J3	54	25	50	0	200					
NC	.080	.080	.060	.1	.3					
QT	5	290	550	700	1050	700				
ET	5					-10.4				
X1	2050	13	1149	1155	2050	2050	2050			
GR	592.2	1000	573.9	1070	570.9	1100	569.9	1149	568.7	1150
GR	567.2	1152	569.0	1153	568.5	1154	571.5	1155	570.2	1200
GR	570.2	1300	580.5	1325	592.2	1352				
X1	2096	0	0	0	46	46	46		1.2	
NC	.080	.080	.025	.1	.3					
ET	5					7.1	1079.9	1113.54		
X1	2141	8	1095.3	1104.8	45	45	45		0.00	
GR	600.8	1000	585.9	1024	574.3	1095.3	571.0	1096.6	569.6	1100
GR	571.0	1103.4	574.3	1104.8	601.6	1200				
SB	0.9	1.8	2.5		9.5		71		569.9	569.6
ET	5					-10.4				
X1	2259	8	1095.3	1104.8	118	118	118		-0.00	
X2			1	579.4	601.0					
BT	7	1000	600.4	600.8	1095.3	601.0	574.6	1096.6	601.0	578.0
BT	1100	601.0	579.4	1203.4	601.0	576.0	1104.8	601.0	574.6	1200
BT	601.6	601.6								
GR	600.8	1000	586.2	1024	574.6	1095.3	571.3	1096.6	569.9	1100
GR	571.3	1103.4	574.6	1104.8	601.6	1200				
NC	.080	.080	.055	.1	.3					
ET	5					7.1	1090	1170		
X1	2280	12	1100	1112	21	21	21		0.0	
GR	569.1	1000	586.0	1031	573.6	1051	571.8	1100	570.0	1104

GR	569.7	1107	570.4	1107	570.0	1110	572.4	1112	573.5	1206
GR	574.9	1252	591.1	1299						
ET	5					7.1	1090	1170		
X1	2300	0			.20	20	20		0.0	
NC	.085	.085	.070	.1	.3					
ET	5					7.1	1220	1280		
X1	3200	11	1249	1297	900	900	900			
GR	592.8	1000	582.7	1069	580.6	1100	575.7	1200	575.6	1249
GR	573.6	1255	573.3	1257	573.7	1257	573.6	1263	578.6	1297
GR	592.8	1340								
QT	5	180	360	460	710	460				
NC	.085	.085	.070	.1	.3					
ET	5					-10.4				
X1	38.5	11	1116	1133	650	650	650		-11	
GR	612.5	1000	598.8	1051	599.0	1100	598.0	1116	595.8	1123
GR	595.2	1129	595.8	1129	595.3	1131	597.7	1113	599.6	1153
GR	612.5	1194								
NC	.075	.075	.055	.1	.3					
ET	5					-4.4				
X1	4500				650	650	650		11	
ET	5					7.1	1103.20	1144.35		
ET	5					-10.4				
X1	51.5	12	1126	1137	650	650	650		-21	
GR	654.7	1000	648.8	1027	647.2	1060	642.0	1100	639.8	1126
GR	637.4	1127	637.4	1132	637.5	1132	637.4	1135	640.4	1137
GR	651.8	1200	654.7	1211						
ET	5					7.1	1103.26	1144.32		
X1	5800				650	650	650		21	
EJ										
T1		CATAWBA RIVER TRIBUTARY 2								
T2		GASTON CO. FIS JOB # 207022								
T3		100 YEAR FLOODWAY								
J1	-10	6							572.8	
J2	15									
EJ										

ER  
CATAB4 JOB RTY.A25.P01198.DMC.M=1.T=2.P=100.PRTY=0

//\*PROCLIB=RTI.HG.PROCLIB

// EXEC HEC2

//SYSIN DD \*

T1 CATAWBA RIVER TRIBUTARY 4

T2 GASTON CO. FIS JOB # 207022

T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	-1	4							578.7	
J2	0									
J3	38	39	40	41	43	42	1	2	26	53
J3	54	25	50	0	200					

NC	.090	.090	.080	.1	.3					
QT	5	440	800	990	1440	990				
ET	5					-10.4				
X1	520	11	1109.0	1144.0	520	520	520			
GR	588.8	1000	577.8	1050	575.9	1100	575.8	1109	573.9	1121
GR	573.5	1123	573.9	1125	575.3	1140	575.6	1150	586.4	1200
GR	588.8	1210								
QT	5	410	750	930	1350	930				
X1	1720	15	1157	1179	1200	1200	1200			
GR	598.2	1000	592.8	1031	591.5	1050	589.9	1100	588.6	1150
GR	588.6	1157	583.2	1168	582.7	1171	583.2	1175	585.8	1179
GR	586.4	1191	588.3	1194	588.5	1200	588.7	1220	598.2	1238
QT	5	190	360	460	700	460				
ET	5					7.1	1060.44	1082.15		
X1	27.85	9	1060	1077	1065	1065	1065		-21	
GR	640.4	1000	633.1	1050	629.7	1060	624.8	1064	624.4	1066
GR	624.8	1068	628.4	1077	631.8	1100	640.4	1130		
ET	5					-10.4				
X1	3850				1065	1065	1065		21	

T1 CATAWBA RIVER TRIB #  
 T2 GASTON CO. FIS JOB # 207022  
 T3 100 YEAR FLOODWAY  
 J1 -10 6 579.7  
 J2 .15 -1  
 EU

ER  
 CATAB1 JOB RTI.A25.P01198.DMC.M=1.T=2.P=100.PRTY=0  
 //\*PROCLIB=RTI.MG.PROCLIB  
 // EXEC HEC2  
 //SYSIN DD \*

T1	CATAWBA RIVER - TRIB. 1									
T2	GASTON CO. FIS JOB # 207022									
T3	100 YEAR FLOOD WATER SURFACE PROFILE									
J1	-1	4							572.1	
J2	0		-1							
J3	38	39	40	41	43	42	1	2	26	53
J3	54	25	50	0	200					
NC	.090	.090	.070	.1	.3					
QT	5	320	610	760	1140	760				
ET	5					-10.4				
X1	2075	14	1216	1235	2075	2075	2075			
GR	582.2	1000	574.9	1050	569.6	1100	570.9	1150	571.4	1200
GR	570.0	1216	567.7	1217	567.6	1216	567.7	1222	571.6	1235
GR	571.1	1250	572.3	1281	578.0	1300	582.2	1306		
X1	2094	0	0	0	19	19	19		1.5	
NC	.090	.090	.025	.1	.3					

