

Richland

Creek

XI	3.000	10.000	1350.000	1414.000	1050.000	1050.020	1050.000	0.	0.	0.
GR	592.110	1000.000	491.310	1100.000	487.850	1200.000	485.980	1300.000	485.280	1350.000
GR	478.270	1354.000	476.870	1384.000	478.470	1410.000	483.870	1414.000	493.850	1450.000
XI	4.000	8.000	1085.000	1145.000	1100.010	1100.000	1100.000	0.	0.	0.
GR	506.660	1000.000	484.160	1085.000	478.060	1087.000	476.860	1115.000	477.160	1137.000
GR	486.760	1145.000	491.960	1200.000	490.960	1255.000	0.	0.	0.	0.
XI	5.000	9.000	1250.000	1304.000	800.020	800.000	800.000	0.	0.	0.
GR	501.730	1000.000	493.530	1100.000	492.230	1200.000	483.610	1250.000	481.310	1254.000
GR	480.110	1274.000	481.910	1295.000	489.010	1304.000	506.630	1320.000	0.	0.
XI	6.000	9.000	1092.000	1172.000	650.200	650.080	650.000	0.	0.	0.
GR	503.220	1000.000	487.660	1092.000	482.560	1098.000	482.360	1100.000	480.460	1132.000
GR	481.360	1152.000	490.060	1172.000	496.760	1200.000	500.360	1250.000	0.	0.
XI	7.000	8.000	1043.000	1093.000	700.140	700.180	700.000	0.	0.	0.
GR	502.370	1000.000	486.550	1043.000	481.750	1053.000	482.050	1069.000	482.450	1088.000
GR	490.550	1093.000	492.850	1100.000	496.350	1117.000	0.	0.	0.	0.
XI	8.000	7.000	1068.000	1130.000	1100.010	1100.030	1100.000	0.	0.	0.
GR	497.410	1000.000	490.910	1068.000	483.600	1075.000	482.000	1098.000	483.500	1123.000
GR	490.700	1130.000	502.040	1150.000	0.	0.	0.	0.	0.	0.
BT	4.000	4185.000	7005.000	8494.000	12432.000	0.	0.	0.	0.	0.
XI	9.000	5.000	1033.000	1094.000	1900.000	1900.000	1900.000	0.	0.	0.
GR	498.030	1000.000	494.030	1033.000	486.030	1037.000	485.730	1060.000	486.230	1090.000
GR	494.030	1094.000	494.430	1100.000	500.230	1150.000	0.	0.	0.	0.
XI	10.000	8.000	1151.000	1200.000	400.010	400.240	400.000	0.	0.	0.
GR	503.570	1000.000	498.770	1100.000	492.770	1151.000	488.470	1152.000	485.570	1180.000
GR	486.570	1196.000	492.970	1200.000	504.970	1250.000	0.	0.	0.	0.
XI	11.000	15.000	1155.000	1219.000	1100.000	1100.010	1100.000	0.	0.	0.
GR	506.550	1000.000	502.590	1031.000	498.590	1031.000	498.590	1034.000	498.990	1037.000
GR	500.190	1041.000	492.130	1100.000	495.730	1112.000	494.030	1165.000	490.640	1167.000
GR	489.140	1195.000	488.940	1200.000	489.840	1212.000	497.140	1219.000	510.800	1280.000
XI	12.000	9.000	1120.000	1173.000	1200.000	1200.010	1200.000	0.	0.	0.
GR	513.530	1000.000	498.810	1100.000	495.910	1120.000	490.010	1125.000	489.410	1153.000
GR	489.610	1171.000	495.810	1173.000	501.710	1200.000	505.010	1300.000	0.	0.
XI	21.000	7.000	1083.000	1128.000	800.050	800.000	800.000	0.	0.	0.

GP	516.460	1000.000	494.750	1083.000	492.350	1090.000	490.850	1107.000	492.150	1123.000
GP	494.950	1128.000	515.380	1200.000	0.	0.	0.	0.	0.	0.
X1	222.000	19.000	1164.000	1219.000	50.360	50.160	50.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	511.890	511.750	0.
GP	523.360	1000.000	513.560	1100.000	512.860	1161.000	511.890	1164.000	494.230	1164.000
GP	493.730	1169.000	491.630	1174.000	491.230	1179.000	491.230	1184.000	491.730	1189.000
GR	491.230	1194.000	492.730	1199.000	496.230	1204.000	497.730	1209.000	498.930	1214.000
GR	500.030	1219.000	511.750	1219.000	513.260	1222.000	523.460	1300.000	0.	0.
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
X1	223.000	0.	0.	0.	2.000	2.000	2.000	0.	0.	0.
BT	4.000	1000.000	523.360	523.360	1164.000	512.850	511.890	1219.000	513.090	511.750
BT	1300.000	523.460	523.460	0.	0.	0.	0.	0.	0.	0.
X1	224.000	0.	0.	0.	10.000	10.000	10.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1.000	0.	0.	0.
NC	0.	0.	.049	.100	.300	0.	0.	0.	0.	0.
X1	22.000	0.	0.	0.	2.000	2.000	2.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	512.850	513.090	0.
X1	13.000	8.000	1082.000	1136.000	250.000	250.000	250.000	0.	0.	0.
GR	517.790	1000.000	500.730	1082.000	497.530	1087.000	496.350	1103.000	497.550	1130.000
GR	500.150	1136.000	507.450	1200.000	513.810	1230.000	0.	0.	0.	0.
OT	4.000	3909.000	6571.000	7980.000	11685.000	0.	0.	0.	0.	0.
X1	14.000	9.000	1111.000	1186.000	1750.070	1750.010	1750.000	0.	0.	0.
GR	538.090	1000.000	526.260	1100.000	523.860	1111.000	518.660	1113.000	514.860	1148.000
GR	520.260	1183.000	526.460	1186.000	528.360	1200.000	544.820	1284.000	0.	0.
X1	15.000	8.000	1065.000	1115.000	3000.000	3000.050	3000.000	0.	0.	0.
GR	555.440	1000.000	535.840	1065.000	526.840	1070.000	526.440	1095.000	526.340	1114.000
GR	532.240	1115.000	542.840	1200.000	551.470	1252.000	0.	0.	0.	0.
X1	16.000	12.000	1321.000	1486.000	2700.000	2700.040	2700.000	0.	0.	0.
GR	566.520	1000.000	555.420	1100.000	549.760	1200.000	547.260	1300.000	543.600	1321.000
GR	539.800	1322.000	535.000	1451.000	541.200	1481.000	548.900	1486.000	551.300	1500.000
GR	557.740	1600.000	560.440	1652.000	0.	0.	0.	0.	0.	0.
QT	4.000	3137.000	5353.000	6540.000	9590.000	0.	0.	0.	0.	0.
X1	17.000	16.000	1124.000	1163.000	1150.000	1150.070	1150.000	0.	0.	0.
GR	562.320	1000.000	551.820	1100.000	546.730	1124.000	543.530	1124.000	542.730	1141.000
GR	542.930	1160.000	550.030	1163.000	551.530	1200.000	550.730	1215.000	543.330	1216.000
GR	543.130	1236.000	543.130	1251.000	548.730	1253.000	533.230	1300.000	560.150	1350.000

GR	568.150	1378.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	19.000	11.000	1074.000	1159.000	450.250	450.490	450.000	0.	0.	0.
GR	563.140	1000.000	550.440	1074.000	548.940	1076.000	547.120	1116.000	548.620	1154.000
GR	551.120	1159.000	553.020	1198.000	550.920	1200.000	550.620	1272.000	554.620	1300.000
GR	573.740	1400.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
X1	231.000	30.000	1150.000	1276.000	109.000	109.000	109.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	561.510	561.460	0.
GR	569.180	1000.000	564.580	1100.000	561.880	1150.000	561.580	1155.000	560.410	1160.000
GR	557.810	1165.000	553.810	1170.000	553.810	1175.000	552.810	1180.000	548.810	1185.000
GR	547.810	1190.000	546.810	1195.000	546.810	1210.000	546.610	1215.000	547.810	1220.000
GR	548.310	1225.000	547.710	1230.000	546.310	1235.000	547.810	1240.000	549.810	1245.000
GR	553.210	1250.000	557.810	1255.000	559.310	1260.000	560.610	1265.000	561.310	1270.000
GR	561.810	1275.000	563.680	1276.000	563.980	1300.000	566.780	1400.000	568.680	1436.000
SR	1.250	1.600	2.600	0.	40.000	2.000	1176.000	2.720	0.	0.
X1	232.000	0.	0.	0.	22.000	22.000	22.000	0.	0.	0.
X2	0.	0.	1.000	561.510	563.580	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	563.720	563.740	0.
ST	4.000	1000.000	569.180	569.180	1150.000	563.720	561.510	1270.000	563.740	561.460
BT	1436.000	568.680	568.680	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	.049	.100	.300	0.	0.	0.	0.	0.
X1	20.000	9.000	1090.000	1157.000	49.000	39.000	89.000	0.	0.	0.
GR	563.970	1000.000	550.390	1090.000	547.490	1092.000	545.390	1121.000	547.590	1155.000
GR	550.490	1157.000	554.510	1200.000	557.610	1251.000	562.410	1300.000	0.	0.
X1	18.000	9.000	1192.000	1250.000	1700.000	1700.000	1700.000	0.	0.	0.
GR	575.220	1000.000	568.720	1100.000	560.960	1192.000	558.260	1192.000	553.860	1221.000
GR	557.860	1250.000	562.860	1250.000	568.460	1300.000	580.080	1400.000	0.	0.
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

INLET = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01/12/79 04:08:22

HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
ERROR CORR - 01,02
MODIFICATION - 50,51,52,53

T1 FIS RANDOLPH CO. N.C. 11-2-78
T2 50-YR NATURAL AND FLOOD ZONE TABLE 201
T3 RICHLAND CREEK - MAIN UNINCORPORATED AREA

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FQ
	-10.	3.	0.	0.	0.	0.	0.	0.	488.710	0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	2.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

IHLE0 = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01/12/79 04:08:30

HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
ERROR CORR - 01.02
MODIFICATION - 50.51,52.53

T1 FIS RANDOLPH CO. N.C. 11-2-78
T2 100 YR NATURAL AND FLOOD ZONE TABLE 201
T3 RICHLAND CREEK - MAIN UNINCORPORATED AREA

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.	0.	0.	0.	489.910	0.
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

THLEQ = 1., THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01/12/79 04:08:38

HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
ERROR CORR - 01.02
MODIFICATION - 50,51,52,53

T1 FIS RANDOLPH CO. N.C. 11-2-78
T2 500 YR NATURAL AND FLOOD ZONE TABLF 201
T3 RICHLAND CREEK - MAIN UNINCORPORATED AREA

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	5.	0.	0.	0.	0.	0.	0.	492.450	0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01/12/79 04:08:46

 BEC2 RELEASE DATED NOV 76 UPDATED AUG1977
 ERROR CORR - 01.02
 MODIFICATION - 50.51.52.53

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

PROFILES

RICHLAND CREEK - MAIN UN

SUMMARY PRINTOUT

SFCNO	Q	WSEL	CPIWS	FG	FLMIN	10K*S	K*CHSL	TOPWID	AREA	TELMX	XLBEL	RREL
1.000	4320.00	486.09	0.	487.13	473.65	50.36	0.	237.14	761.19	486.05	481.85	483.23
1.000	7219.00	488.71	0.	489.76	473.65	41.56	0.	271.17	1427.08	486.05	481.85	483.23
1.000	8747.00	489.91	0.	490.96	473.65	38.17	0.	286.75	1761.84	486.05	481.85	483.23
1.000	12800.00	492.45	0.	493.54	473.65	34.37	0.	323.75	2535.13	486.05	481.85	483.23
2.000	4320.00	487.69	0.	488.03	474.90	12.94	3.13	410.74	1376.88	486.30	484.60	486.30
2.000	7219.00	490.24	0.	490.60	474.90	12.48	3.13	500.00	2542.49	486.30	484.60	486.30
2.000	8747.00	491.39	0.	491.75	474.90	11.91	3.13	500.00	3118.59	486.30	484.60	486.30
2.000	12800.00	493.91	0.	494.29	474.90	11.30	3.13	500.00	4379.59	486.30	484.60	486.30
3.000	4320.00	489.12	0.	489.54	476.87	15.40	1.88	269.60	1173.01	493.85	485.28	483.87
3.000	7219.00	491.65	0.	492.19	476.87	16.72	1.88	345.19	1958.01	493.85	485.28	483.87
3.000	8747.00	492.75	0.	493.33	476.87	16.86	1.88	359.40	2347.07	493.85	485.28	483.87
3.000	12800.00	495.22	0.	495.86	476.87	17.10	1.88	386.16	3267.68	493.85	485.28	483.87
4.000	4320.00	490.67	0.	491.13	476.86	13.44	-0.01	126.04	920.86	490.96	484.16	486.76
4.000	7219.00	493.40	0.	494.13	476.86	17.54	-0.01	204.90	1412.66	490.96	484.16	486.76
4.000	8747.00	494.54	0.	495.39	476.86	19.08	-0.01	209.20	1648.22	490.96	484.16	486.76
4.000	12800.00	497.05	0.	498.18	476.86	22.41	-0.01	218.68	2185.28	490.96	484.16	486.76
5.000	4320.00	492.08	0.	492.80	480.11	26.40	4.06	105.90	770.07	501.73	483.61	489.01
5.000	7219.00	495.02	0.	495.94	480.11	27.13	4.06	227.64	1315.81	501.73	483.61	489.01
5.000	8747.00	496.25	0.	497.29	480.11	27.09	4.06	243.74	1605.46	501.73	483.61	489.01
5.000	12800.00	498.94	0.	500.17	480.11	26.89	4.06	279.52	2319.92	501.73	483.61	489.01
6.000	4320.00	493.45	0.	493.78	480.46	9.93	.54	128.46	1034.73	500.36	487.66	490.06
6.000	7219.00	496.57	0.	497.09	480.46	11.69	.54	159.93	1484.38	500.36	487.66	490.06
6.000	8747.00	497.83	0.	498.45	480.46	12.62	.54	183.08	1699.57	500.36	487.66	490.06
6.000	12800.00	500.58	0.	501.44	480.46	14.66	.54	234.42	2277.53	500.36	487.66	490.06
7.000	4320.00	494.38	0.	495.18	481.75	25.85	1.84	85.69	679.34	496.35	486.55	490.55
7.000	7219.00	497.53	0.	498.76	481.75	29.94	1.84	103.83	983.42	496.35	486.55	490.55
7.000	8747.00	498.91	0.	500.28	481.75	32.23	1.84	107.31	1118.54	496.35	486.55	490.55

7.000	12800.00	501.56	0.	503.66	481.75	38.13	1.84	114.81	1424.64	496.35	486.55	490.55
8.000	4320.00	496.94	0.	496.95	482.00	11.40	.23	131.23	-988.07	497.41	490.91	490.70
8.000	7219.00	500.16	0.	500.75	482.00	12.33	.23	146.69	1503.43	497.41	490.91	490.70
H 8.000	8747.00	501.70	0.	502.37	482.00	12.83	.23	149.40	1730.82	497.41	490.91	490.70
8.000	12800.00	505.13	0.	506.04	482.00	14.09	.23	150.00	2246.04	497.41	490.91	490.70

	SECNO	Q	CWSEL	CRWS	FG	ELMIN	10K*S	K*CHSL	TOPWID	AREA	TELMX	XLBEL	RBEL
	9.000	4185.00	498.86	0.	499.27	485.73	13.00	1.96	138.16	960.47	498.03	494.03	494.03
I	9.000	7005.00	502.61	0.	503.17	485.73	13.09	1.96	150.00	1514.59	498.03	494.03	494.03
	9.000	8494.00	504.23	0.	504.86	485.73	13.28	1.96	150.00	1757.90	498.03	494.03	494.03
	9.000	12432.00	507.89	0.	508.71	485.73	13.93	1.96	150.00	2307.32	498.03	494.03	494.03
	10.000	4185.00	499.37	0.	499.95	485.57	18.45	-0.40	139.20	878.60	503.57	492.77	492.97
J	10.000	7005.00	503.12	0.	503.81	485.57	17.15	-0.40	232.80	1574.97	503.57	492.77	492.97
	10.000	8494.00	504.77	0.	505.47	485.57	16.22	-0.40	249.11	1976.31	503.57	492.77	492.97
	10.000	12432.00	508.57	0.	509.28	485.57	14.08	-0.40	250.00	2928.83	503.57	492.77	492.97
	11.000	4185.00	501.34	0.	501.65	488.94	12.94	3.06	206.77	1398.41	506.55	494.03	497.14
	11.000	7005.00	504.98	0.	505.33	488.94	11.09	3.06	241.43	2201.36	506.55	494.03	497.14
K	11.000	8494.00	506.55	0.	506.92	488.94	10.73	3.06	261.04	2596.32	506.55	494.03	497.14
	11.000	12432.00	510.17	0.	510.60	488.94	10.04	3.06	277.19	3569.60	506.55	494.03	497.14
	12.000	4185.00	502.84	0.	503.30	489.41	13.96	0.39	161.50	970.98	505.01	495.91	495.81
L	12.000	7005.00	506.33	0.	506.91	489.41	14.04	0.39	251.06	1733.93	505.01	495.91	495.81
	12.000	8494.00	507.86	0.	508.46	489.41	13.71	0.39	261.44	2125.77	505.01	495.91	495.81
	12.000	12432.00	511.38	0.	512.04	489.41	12.84	0.39	285.41	3090.40	505.01	495.91	495.81
	21.000	4185.00	504.04	0.	504.71	490.85	19.66	1.80	112.58	949.02	515.38	494.75	494.95
M	21.000	7005.00	507.48	0.	508.42	490.85	21.15	1.80	137.82	1279.07	515.38	494.75	494.95
	21.000	8494.00	508.95	0.	510.03	490.85	21.86	1.80	148.61	1489.49	515.38	494.75	494.95
	21.000	12432.00	512.31	0.	513.68	490.85	22.95	1.80	173.28	2029.84	515.38	494.75	494.95
	222.000	4185.00	504.04	0.	504.92	491.23	40.09	7.60	55.00	554.40	523.36	511.89	511.75
N	222.000	7005.00	507.33	0.	508.74	491.23	49.26	7.60	55.00	735.55	523.36	511.89	511.75
	222.000	8494.00	508.70	0.	510.41	491.23	54.77	7.60	55.00	811.01	523.36	511.89	511.75
	222.000	12432.00	511.75	0.	514.25	491.23	69.12	7.60	55.00	978.71	523.36	511.89	511.75
	223.000	4185.00	504.04	0.	504.93	491.23	10.42	0.	55.00	554.73	523.36	511.89	511.75
	223.000	7005.00	507.34	0.	508.74	491.23	12.80	0.	55.00	735.91	523.36	511.89	511.75
	223.000	8494.00	508.71	0.	510.41	491.23	14.24	0.	55.00	811.39	523.36	511.89	511.75
	223.000	12432.00	511.75	0.	514.25	491.23	19.37	0.	55.02	979.03	523.36	511.89	511.75
	224.000	4185.00	504.06	0.	504.94	491.23	10.34	0.	55.00	556.04	523.36	511.89	511.75
	224.000	7005.00	507.36	0.	508.75	491.23	12.74	0.	55.00	737.28	523.36	511.89	511.75
	224.000	8494.00	508.73	0.	510.43	491.23	14.16	0.	55.00	812.94	523.36	511.89	511.75
	224.000	12432.00	511.79	0.	514.29	491.23	25.06	0.	55.10	980.91	523.36	511.89	511.75
	22.000	4185.00	504.06	0.	504.94	491.23	39.83	0.	55.00	555.64	523.36	511.89	511.75
	22.000	7005.00	507.36	0.	508.75	491.23	48.96	0.	55.00	737.06	523.36	511.89	511.75
	22.000	8494.00	508.74	0.	510.43	491.23	54.44	0.	55.00	812.73	523.36	511.89	511.75
	22.000	12432.00	511.80	0.	514.30	491.23	68.60	0.	55.00	981.14	523.36	511.89	511.75
	13.000	4185.00	505.04	0.	505.37	496.35	64.88	20.48	118.25	569.90	513.61	500.73	500.15
O	13.000	7005.00	508.64	0.	509.92	496.35	42.92	20.48	161.78	1072.05	513.61	500.73	500.15
	13.000	8494.00	510.32	0.	511.57	496.35	36.18	20.48	178.03	1357.49	513.61	500.73	500.15
	13.000	12432.00	514.18	0.	515.39	496.35	26.95	20.48	212.64	2116.35	513.61	500.73	500.15
P	14.000	3909.00	522.54	0.	524.18	514.86	137.37	10.58	72.59	380.20	538.09	523.86	526.46

R 14.000 6571.00 524.41 0. 526.91 514.86 147.07 10.58 76.52 518.48 538.09 523.86 526.46
14.000 7980.00 525.29 0. 528.19 514.86 148.16 10.58 80.97 587.76 538.09 523.86 526.46
14.000 11685.00 527.39 526.68 531.18 514.86 144.63 10.58 102.40 774.65 538.09 523.86 526.46

	SECTO	Q	QWSEL	CRIS	EG	FLMIN	10K*S	K*CHSL	TOPWID	AREA	TELMX	XLBEL	RREL
Q	15.000	3909.00	537.79	0.	538.52	526.34	28.71	3.83	101.00	666.17	551.47	535.84	532.24
	15.000	6571.00	541.03	0.	542.05	526.34	30.11	3.83	137.65	1051.96	551.47	535.84	532.24
	15.000	7980.00	542.43	0.	543.54	526.34	30.59	3.83	153.45	1254.85	551.47	535.84	532.24
	15.000	11685.00	545.41	0.	546.79	526.34	31.14	3.83	182.18	1757.07	551.47	535.84	532.24
R	16.000	3909.00	543.76	0.	544.00	535.00	15.51	3.21	162.60	994.92	560.44	543.60	548.90
	16.000	6571.00	546.60	0.	546.91	535.00	12.58	3.21	180.72	1482.10	560.44	543.60	548.90
	16.000	7980.00	547.91	0.	548.26	535.00	11.80	3.21	211.34	1731.35	560.44	543.60	548.90
	16.000	11685.00	550.76	0.	551.19	535.00	10.71	3.21	314.55	2497.16	560.44	543.60	548.90
S	17.000	3137.00	547.78	0.	548.04	533.23	54.59	-1.54	151.38	863.86	562.32	546.73	550.03
	17.000	5353.00	550.22	0.	550.61	533.23	51.31	-1.54	175.58	1259.81	562.32	546.73	550.03
	17.000	6540.00	551.33	0.	551.78	533.23	48.96	-1.54	214.15	1475.63	562.32	546.73	550.03
	17.000	9590.00	553.80	0.	554.35	533.23	43.59	-1.54	257.02	2071.58	562.32	546.73	550.03
T	19.000	3137.00	551.90	551.74	553.16	547.12	159.69	30.87	191.33	422.09	563.14	550.44	551.12
	19.000	5353.00	553.44	0.	554.86	547.12	123.63	30.87	235.33	758.04	563.14	550.44	551.12
	19.000	6540.00	554.20	0.	555.64	547.12	109.43	30.87	245.02	939.59	563.14	550.44	551.12
	19.000	9590.00	556.03	0.	557.48	547.12	83.49	30.87	265.94	1406.43	563.14	550.44	551.12
*U	231.000	3137.00	552.44	0.	553.98	546.31	38.82	-7.43	68.42	315.46	568.68	561.88	563.68
	231.000	5353.00	553.80	553.80	556.42	546.31	53.19	-7.43	75.58	412.31	568.68	561.88	563.68
	231.000	6540.00	554.54	554.54	557.51	546.31	56.47	-7.43	82.37	473.09	568.68	561.88	563.68
	231.000	9590.00	556.36	556.36	560.00	546.31	51.79	-7.43	86.61	626.29	568.68	561.88	563.68
*V	232.000	3137.00	552.87	0.	554.16	546.31	29.72	0.	69.81	344.94	568.68	561.88	563.68
	232.000	5353.00	554.55	0.	556.53	546.31	37.75	0.	82.38	473.41	568.68	561.88	563.68
	232.000	6540.00	555.48	0.	557.67	546.31	35.43	0.	84.56	551.24	568.68	561.88	563.68
	232.000	9590.00	557.55	0.	560.22	546.31	32.54	0.	89.40	731.31	568.68	561.88	563.68
V	20.000	3137.00	553.92	0.	554.50	545.39	31.16	-10.34	127.30	595.03	562.41	550.39	550.49
	20.000	5353.00	556.12	0.	556.97	545.39	34.26	-10.34	174.32	921.40	562.41	550.39	550.49
	20.000	6540.00	557.15	0.	558.10	545.39	34.24	-10.34	194.17	1113.81	562.41	550.39	550.49
	20.000	9590.00	559.58	0.	560.67	545.39	31.37	-10.34	241.85	1649.69	562.41	550.39	550.49
W	18.000	3137.00	562.46	0.	563.52	553.86	73.26	4.98	75.71	389.87	575.22	560.96	562.86
	18.000	5353.00	564.78	0.	566.33	553.86	73.42	4.98	120.46	614.70	575.22	560.96	562.86
	18.000	6540.00	565.77	0.	567.54	553.86	73.90	4.98	141.08	744.41	575.22	560.96	562.86
	18.000	9590.00	567.87	0.	570.08	553.86	74.94	4.98	184.79	1087.11	575.22	560.96	562.86

RICHLAND CREEK - DATA

SUMMARY PRINTOUT

SFCNO	GLOR	Q40H	QCH	VLOH	VROR	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
1.000	149.47	60.13	3860.40	1.52	1.13	8.66	12.44	1000.00	1237.14	528.00	0.	1.04
1.000	1540.55	309.40	5469.05	2.22	1.59	9.39	15.06	1000.00	1271.17	528.00	2.62	1.05
1.000	2034.18	502.72	6210.10	2.46	1.73	9.63	16.26	1000.00	1286.75	528.00	1.20	1.05
1.000	3535.35	1224.49	8040.15	2.94	2.21	10.35	18.80	1000.00	1323.75	528.00	2.54	1.09
2.000	346.15	32.88	3490.97	.80	.37	4.90	12.79	1000.00	1410.74	400.00	0.	.34
2.000	1315.05	455.32	5448.63	1.27	.97	5.54	15.34	1000.00	1500.00	400.00	2.55	.37
2.000	1822.47	610.54	6113.99	1.42	1.06	5.72	16.49	1000.00	1500.00	400.00	1.15	.36
2.000	3154.45	1856.09	7749.06	1.73	1.42	6.21	19.01	1000.00	1500.00	400.00	2.52	.38
3.000	391.11	45.57	3443.32	.94	.92	5.51	12.25	1163.34	1432.93	1050.00	0.	.42
3.000	1372.75	135.59	5710.65	1.40	1.24	6.59	14.78	1096.87	1442.06	1050.00	2.53	.54
3.000	2017.53	194.00	6534.48	1.59	1.36	6.97	15.88	1086.64	1446.04	1050.00	1.10	.57
3.000	3284.57	389.44	8525.99	2.00	1.79	7.78	18.35	1063.84	1450.00	1050.00	2.46	.65
4.000	72.57	52.44	4142.00	.59	.72	5.51	13.81	1060.38	1186.42	1100.00	0.	.46
4.000	230.45	380.71	6607.60	1.43	1.16	7.15	16.54	1050.10	1255.00	1100.00	2.72	.73
4.000	327.73	655.79	7763.44	1.61	1.45	7.43	17.68	1045.80	1255.00	1100.00	1.14	.85
4.000	632.95	1516.20	10659.81	2.02	2.08	9.33	20.19	1036.32	1255.00	1100.00	2.51	1.14
5.000	364.74	2.82	3954.34	1.58	.65	7.11	11.97	1200.88	1306.79	800.00	0.	.73
5.000	1342.63	17.20	6169.17	1.88	1.05	8.52	14.91	1081.82	1309.46	800.00	2.94	.96
5.000	1843.57	28.22	7075.21	2.08	1.19	9.03	15.14	1066.83	1310.57	800.00	1.23	1.04
5.000	3235.02	66.91	9377.95	2.48	1.45	10.10	18.87	1033.53	1313.05	800.00	2.73	1.19
6.000	74.33	13.35	4227.32	.40	.55	4.54	13.00	1057.73	1125.19	650.00	0.	.33
6.000	271.34	62.33	5255.33	1.15	.73	5.91	16.11	1039.30	1199.22	650.00	3.12	.52
6.000	601.20	104.99	6196.51	1.31	1.13	6.50	17.37	1031.84	1214.92	650.00	1.26	.62
6.000	814.51	431.49	11550.00	1.65	1.43	7.80	20.12	1015.58	1250.00	650.00	2.75	.86
7.000	126.20	25.34	4157.76	1.52	1.04	7.24	12.63	1021.73	1107.42	700.00	0.	.80
7.000	335.53	154.15	6724.31	2.06	1.70	9.23	15.78	1013.17	1117.00	700.00	3.15	1.24
7.000	464.53	247.32	8031.15	2.30	2.04	10.13	17.06	1009.69	1117.00	700.00	1.28	1.47
7.000	875.26	515.42	11403.31	2.55	2.76	12.25	19.81	1002.20	1117.00	700.00	2.76	2.09
8.000	140.28	23.43	4155.88	.95	.79	5.25	14.54	1009.07	1140.30	1100.00	0.	.41
8.000	574.74	89.64	6559.62	1.42	1.14	6.95	14.16	1000.00	1146.69	1100.00	3.62	.59
8.000	851.04	136.67	7754.35	1.65	1.25	6.94	19.79	1000.00	1149.40	1100.00	1.54	.68
8.000	1516.72	254.95	10244.33	2.17	1.63	8.22	23.13	1000.00	1150.00	1100.00	3.44	.90
9.000	42.88	99.75	4002.34	.89	.89	5.30	13.13	1000.00	1138.16	1900.00	0.	.42
9.000	311.24	445.54	6242.33	1.45	1.42	6.35	16.88	1000.00	1150.00	1900.00	3.75	.56
9.000	440.15	670.03	7375.28	1.65	1.65	6.41	18.50	1000.00	1150.00	1900.00	1.62	.63
9.000	899.71	1301.92	10329.37	2.05	2.13	7.91	22.16	1000.00	1150.00	1900.00	3.66	.82
10.000	233.24	98.42	3853.34	1.24	1.15	6.36	13.80	1087.48	1226.67	400.00	0.	.58

10.000	905.79	324.05	5774.17	1.59	1.51	7.32	17.55	1009.48	1242.27	400.00	3.75	.69
10.000	1422.93	470.12	6600.95	1.74	1.62	7.59	19.20	1000.00	1249.11	400.00	1.45	.71
10.000	2964.17	961.08	6506.75	2.13	2.00	8.05	23.00	1000.00	1250.00	400.00	3.80	.71
11.000	1111.13	28.74	3045.13	1.46	.73	5.09	12.40	1031.00	1237.77	1100.00	0.	.30
11.000	2322.12	140.89	4541.99	1.83	1.03	5.71	16.04	1012.59	1254.02	1100.00	3.64	.35
11.000	2978.39	225.56	5290.04	1.96	1.14	6.01	17.61	1000.00	1261.04	1100.00	1.57	.37
11.000	4768.07	519.09	7144.84	2.25	1.37	6.64	21.23	1000.00	1277.19	1100.00	3.62	.43

SECNO	QLOP	QROB	QCH	VLOI	VR0H	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
12.000	200.04	136.29	3848.67	1.22	1.05	5.68	13.43	1072.64	1234.14	1200.00	0.	.46
12.000	379.96	652.02	5773.01	1.56	1.30	6.70	16.92	1048.94	1300.00	1200.00	3.49	.58
12.000	417.65	1051.13	6625.22	1.63	1.51	7.03	18.45	1038.56	1300.00	1200.00	1.53	.61
12.000	1550.36	2212.47	8658.76	1.90	1.94	7.67	21.97	1014.59	1300.00	1200.00	3.53	.65
21.000	251.14	217.64	3716.22	1.52	1.49	6.91	13.19	1047.47	1160.05	800.00	0.	.66
21.000	602.66	530.58	5871.76	1.95	1.92	8.48	16.63	1034.34	1172.15	800.00	3.43	.94
21.000	819.90	725.02	6949.08	2.13	2.10	9.16	18.10	1028.72	1177.33	800.00	1.47	1.08
21.000	1479.38	1317.73	9634.89	2.51	2.48	10.59	21.46	1015.88	1189.16	800.00	3.36	1.37
222.000	0.	0.	4185.00	0.	0.	7.55	12.81	1164.00	1219.00	50.00	0.	.88
222.000	0.	0.	7005.00	0.	0.	9.52	16.10	1164.00	1219.00	50.00	3.29	1.41
222.000	0.	0.	8494.00	0.	0.	10.47	17.47	1164.00	1219.00	50.00	1.37	1.70
222.000	0.	0.	12432.00	0.	0.	12.70	20.52	1164.00	1219.00	50.00	3.05	2.51
223.000	0.	0.	4185.00	0.	0.	7.54	12.81	1164.00	1219.00	2.00	0.	.88
223.000	0.	0.	7005.00	0.	0.	9.52	16.11	1164.00	1219.00	2.00	3.29	1.41
223.000	0.	0.	8494.00	0.	0.	10.47	17.48	1164.00	1219.00	2.00	1.37	1.70
223.000	0.	0.	12432.00	0.	0.	12.70	20.53	1164.00	1219.02	2.00	3.05	2.50
224.000	0.	0.	4185.00	0.	0.	7.53	12.83	1164.00	1219.00	10.00	0.	.88
224.000	0.	0.	7005.00	0.	0.	9.50	16.13	1164.00	1219.00	10.00	3.30	1.40
224.000	0.	0.	8494.00	0.	0.	10.45	17.50	1164.00	1219.00	10.00	1.38	1.70
224.000	0.	0.	12432.00	0.	0.	12.67	20.56	1164.00	1219.10	10.00	3.06	2.49
22.000	0.	0.	4185.00	0.	0.	7.53	12.83	1164.00	1219.00	2.00	0.	.88
22.000	0.	0.	7005.00	0.	0.	9.50	16.13	1164.00	1219.00	2.00	3.30	1.40
22.000	0.	0.	8494.00	0.	0.	10.45	17.51	1164.00	1219.00	2.00	1.38	1.70
22.000	0.	0.	12432.00	0.	0.	12.67	20.57	1164.00	1219.00	2.00	3.06	2.49
13.000	75.74	127.27	3910.93	1.68	1.85	9.37	8.74	1061.05	1179.30	250.00	0.	1.28
13.000	405.51	729.09	5970.46	2.03	2.33	9.81	12.29	1044.00	1205.78	250.00	3.54	1.28
13.000	468.27	1116.25	6908.87	2.12	2.55	9.88	13.37	1035.92	1213.96	250.00	1.68	1.25
13.000	992.09	2222.31	9211.52	2.30	2.87	10.14	17.83	1017.36	1230.00	250.00	3.86	1.21
14.000	0.	0.	3909.00	0.	0.	10.28	7.62	1111.51	1184.10	1750.00	0.	1.64
14.000	0.44	0.	6570.66	0.63	0.	12.69	9.55	1108.49	1185.01	1750.00	1.87	2.50
14.000	5.53	0.	7974.37	1.21	0.	13.68	10.43	1104.46	1185.43	1750.00	.88	2.90
14.000	72.74	2.88	11609.39	2.34	0.90	15.68	12.53	1090.45	1192.85	1750.00	2.10	3.79
15.000	4.93	153.93	3760.99	0.65	1.33	6.94	11.45	1058.52	1159.53	3000.00	0.	.72
15.000	55.54	570.72	5943.78	1.27	1.84	8.52	14.69	1047.80	1185.45	3000.00	3.24	1.02
15.000	117.44	851.90	7020.67	1.50	2.05	9.15	16.09	1043.12	1196.63	3000.00	1.40	1.15
15.000	296.04	1885.17	9525.79	1.94	2.71	10.39	19.07	1033.28	1215.46	3000.00	2.98	1.39
16.000	0.05	0.	3909.00	0.00	0.	3.93	8.76	1320.07	1482.66	2700.00	0.	.24
16.000	14.37	0.	6555.03	0.58	0.	4.50	11.60	1303.78	1484.51	2700.00	2.84	.31
16.000	42.55	0.	7937.41	0.76	0.	4.75	12.91	1274.02	1485.36	2700.00	1.31	.35
16.000	301.15	3.93	11379.92	0.87	0.39	5.32	15.76	1182.31	1496.86	2700.00	2.86	.43
17.000	1.54	2130.27	1005.12	0.60	3.12	5.65	14.55	1119.06	1327.02	1150.00	0.	.26

17.000	35.72	3412.20	1904.08	1.29	3.56	7.01	16.99	1107.59	1331.54	1150.00	2.44	.40
17.000	75.41	4081.11	2383.48	1.51	3.68	7.56	18.10	1102.32	1333.62	1150.00	1.11	.45
17.000	258.40	5825.85	3505.75	2.03	3.80	8.52	20.57	1081.18	1338.20	1150.00	2.47	.55

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SECNO	QLOH	QROR	QCH	VLOH	VROR	VCH	DEPTH	SSTA	ENDST	XLCH	DIFWSP	HV
19.000	7.90	162.31	2976.78	1.28	1.63	9.24	4.78	1065.51	1280.94	450.00	0.	1.26
19.000	48.00	667.18	4637.81	1.82	2.40	10.21	6.32	1056.47	1291.80	450.00	1.54	1.41
19.000	82.10	1017.77	5440.12	1.99	2.68	10.49	7.08	1052.07	1297.09	450.00	.76	1.44
19.000	205.81	2032.70	7351.49	2.25	3.17	10.92	8.91	1041.43	1307.37	450.00	1.83	1.45
231.000	0.	0.	3137.00	0.	0.	9.94	6.13	1180.46	1248.88	109.00	0.	1.54
* 231.000	0.	0.	5353.00	0.	0.	12.98	7.49	1175.06	1250.64	109.00	1.35	2.62
* 231.000	0.	0.	6540.00	0.	0.	13.82	8.23	1169.08	1251.45	109.00	.75	2.97
* 231.000	0.	0.	9590.00	0.	0.	15.31	10.05	1166.81	1253.42	109.00	1.81	3.64
232.000	0.	0.	3137.00	0.	0.	9.09	6.56	1179.69	1249.50	22.00	0.	1.28
* 232.000	0.	0.	5353.00	0.	0.	11.31	8.24	1169.08	1251.46	22.00	1.68	1.99
* 232.000	0.	0.	6540.00	0.	0.	11.86	9.17	1167.91	1252.47	22.00	.93	2.19
* 232.000	0.	0.	9590.00	0.	0.	13.11	11.24	1165.32	1254.72	22.00	2.07	2.67
20.000	42.47	63.79	3030.74	1.02	1.01	6.18	8.53	1066.52	1193.82	89.00	0.	.57
20.000	160.12	282.45	4910.43	1.47	1.60	7.72	10.73	1052.06	1226.39	89.00	2.19	.85
20.000	249.18	459.55	5831.27	1.65	1.79	8.27	11.76	1045.22	1243.38	89.00	1.03	.95
20.000	544.26	1101.20	7944.54	1.95	2.19	9.15	14.19	1029.16	1271.01	89.00	2.43	1.09
18.000	11.71	0.	3125.29	.89	0.	8.30	8.60	1174.29	1250.00	1700.00	0.	1.07
18.000	143.51	17.25	5192.24	1.66	1.05	10.15	10.92	1146.69	1267.16	1700.00	2.32	1.55
18.000	266.32	52.49	6221.12	1.94	1.39	10.93	11.91	1134.93	1276.01	1700.00	.99	1.77
18.000	705.38	225.19	8659.43	2.49	2.00	12.53	14.01	1110.00	1294.79	1700.00	2.10	2.21

RICHLAND CREEK - MAIN UN

SUMMARY PRINTOUT TABLE 100

SECNO	EGLWC	ELLC	EGPRS	ELTRD	OPR	OWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
232.000	554.16	561.51	0.	563.58	3137.00	0.	1.00	.43	6.56	552.87	9.09	554.16
* 232.000	555.53	561.51	0.	563.58	5353.00	0.	2.00	0.	8.24	554.55	11.31	556.53
* 232.000	557.67	561.51	0.	563.58	6540.00	0.	2.00	0.	9.17	555.48	11.86	557.67
* 232.000	560.22	561.51	0.	563.58	9590.00	0.	2.00	0.	11.24	557.55	13.11	560.22

SUMMARY OF ERRORS

CAUTION SECNO= 231.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 231.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 231.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 231.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 231.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 231.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 232.000 PROFILE= 2 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 232.000 PROFILE= 3 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 232.000 PROFILE= 4 HYDRAULIC JUMP D.S.

FLOOD INSURANCE ZONE DATA FOR RICHLAND CREEK - MAIN UN

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

ZONE DATA

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10%	2%	0.2%
1.000	0.	-3.82	-1.20	2.54
2.000	400.	-3.70	-1.15	2.52
3.000	1450.	-3.64	-1.10	2.46
4.000	2550.	-3.86	-1.14	2.51
5.000	3350.	-4.17	-1.23	2.73
6.000	4000.	-4.38	-1.26	2.75
7.000	4700.	-4.43	-1.28	2.76
8.000	5800.	-5.16	-1.54	3.44
9.000	7700.	-5.37	-1.62	3.66
10.000	8100.	-5.39	-1.65	3.40
11.000	9200.	-5.21	-1.57	3.62
12.000	10400.	-5.02	-1.53	3.53
21.000	11200.	-4.90	-1.47	3.36
22.000	11250.	-4.66	-1.37	3.05
23.000	11252.	-4.47	-1.37	3.05
24.000	11252.	-4.67	-1.38	3.06
25.000	11264.	-4.68	-1.38	3.05
26.000	11514.	-5.22	-1.68	3.86
27.000	13264.	-2.75	-0.88	2.10
28.000	15264.	-4.54	-1.40	2.98
29.000	18964.	-4.15	-1.31	2.86
30.000	20114.	-3.55	-1.11	2.47
31.000	20564.	-2.30	-0.76	1.83
32.000	20673.	-2.10	-0.75	1.81
33.000	20675.	-2.61	-0.83	2.97
34.000	21764.	-3.23	-1.03	2.43
35.000	22664.	-3.31	-0.99	2.10
<hr/>				
WEIGHTED AVG FOR REACH		-4.24	-1.29	2.49

FHE FOR THE REACH = 0.40 WITH 81.9% OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A 3

THIS RUN EXECUTED 01/12/79 04:08:09

(Final Profiles)

 HEC2 RELEASE DATED NOV 76 UPDATED 4061977
 ERROR CORR - 01.02
 MODIFICATION - 50.51.52.53

T1 FIS RANDOLPH CO. N.C. 10-31-78
 T2 10 YR NATURAL AND FLOOD ZONE TABLE 201
 T3 PICHLAND CREEK - MAIN UNINCORPORATED AREA

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	2.	0.	0.	0.	0.	0.	0.	486.090	0.
J2	MPROF	IPLT	PREVS	XSECV	XSECH	FM	ALLDC	IRW	CHNIM	ITRACE
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	43.000	1.000	2.000	3.000	42.000	5.000	33.000	4.000	25.000
	53.000	23.000	24.000	0.	38.000	13.000	15.000	14.000	55.000	56.000
	26.000	3.000	53.000	54.000	39.000	50.000	10.000	100.000	201.000	0.
J5	LRPNT	NO-FILE	*****REQUESTED SECTION NUMBERS*****							
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
J6	SCALE	COPY								
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO	.118	.118	.049	.100	.300	0.	0.	0.	0.	0.
QT	4.000	4320.000	7219.000	8747.000	12800.000	0.	0.	0.	0.	0.
X1	1.000	9.000	1148.000	1200.000	528.340	528.740	528.000	0.	0.	0.
GP	446.050	1000.000	483.950	1100.000	481.850	1148.000	478.650	1156.000	473.650	1176.000
GR	440.230	1196.000	443.230	1200.000	490.430	1300.000	494.130	1350.000	0.	0.
X1	2.000	12.000	1213.000	1287.000	400.010	400.210	400.000	0.	0.	0.
GP	446.300	1000.000	485.100	1100.000	485.100	1200.000	484.300	1213.000	477.600	1216.000
GR	474.900	1250.000	478.100	1282.000	486.300	1287.000	487.100	1293.000	486.500	1300.000
GP	447.400	1400.000	490.100	1500.000	0.	0.	0.	0.	0.	0.

RECA
 10-24-79
 ETC

THIS RUN EXECUTED 02/06/79 11:04:12

(Final Floodway)

HECP RELEASE DATED NOV 76 UPDATED AUG1977
 ERROR CORR - 01.02
 MODIFICATION - 50.51.52.53

T1 FIS RANDOLPH CO. N.C. 12-5-78
 T2 FLOODWAY--NATURAL PROFILE
 T3 RICHLAND--MAIN UNINCORPORATED AREA

J1	ICHECK	IND	NINW	IDIV	STRT	METRIC	HVINS	Q	WSEL	EQ								
	0.	2.	0.	0.	0.	0.	0.	0.	489.910	0.								
J2	NPROF	IPLT	PREVS	XSECV	XSECH	EN	ALLOC	IRW	CHNIM	LITRAC								
	1.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.								
J3	VARIABLE CODES FOR SUMMARY PRINTOUT																	
	100.000	105.000	110.000	200.000	0.	0.	0.	0.	0.	0.								
J5	LEFT	NUMSEC	*****REQUESTED SECTION NUMBERS*****															
	-10.000	-10.000	0.	0.	0.	0.	0.	0.	0.	0.								
J6	HLFO	ICOPY																
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.								
UC	OT	FT																
	.118	3.000	.118	8747.000	.949	.100	8747.000	.300	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	GP	GP	ET															
	1.000	486.050	9.000	1000.000	1148.000	1200.000	528.340	528.740	528.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	480.230	480.230	1196.000	1196.000	483.230	1200.000	490.930	1300.000	494.130	1350.000	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	9.100	0.	0.	0.	0.	0.	1135.000	1350.000						
X1	GP	GP	GP	ET														
	2.000	486.300	12.000	1000.000	1213.000	1287.000	400.010	400.210	400.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	474.900	474.900	1250.000	1250.000	485.100	1100.000	485.100	1200.000	484.600	1213.000	477.600	1216.000						
	487.400	487.400	1400.000	1400.000	490.100	1500.000	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	9.100	0.	0.	0.	0.	0.	1200.000	1414.000						
X1	GP																	
	3.000	502.110	10.000	1000.000	1350.000	1414.000	1050.000	1050.020	1050.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	491.310	1100.000	487.850	1200.000	485.980	1300.000	485.280	1350.000						

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GR	478.270	1354.000	476.870	1384.000	478.470	1410.000	483.870	1414.000	493.850	1450.000
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1046.000	1255.000
XI	4.000	8.000	1045.000	1145.000	1100.010	1100.000	1100.000	0.	0.	0.
GR	506.660	1000.000	484.160	1085.000	478.060	1087.000	476.860	1115.000	477.160	1137.000
GR	486.760	1145.000	491.460	1200.000	490.960	1255.000	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1100.000	1304.000
XI	5.000	9.000	1250.000	1304.000	800.020	800.000	800.000	0.	0.	0.
GR	501.730	1000.000	493.530	1100.000	492.230	1200.000	483.610	1250.000	481.310	1254.000
GR	480.110	1274.000	481.910	1295.000	489.010	1304.000	506.630	1320.000	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1062.000	1172.000
XI	5.000	9.000	1092.000	1172.000	650.200	650.080	650.000	0.	0.	0.
GR	503.220	1000.000	497.660	1092.000	482.560	1098.000	482.360	1100.000	480.460	1132.000
GR	481.360	1162.000	490.060	1172.000	496.760	1200.000	500.360	1250.000	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1010.000	1117.000
XI	7.000	8.000	1043.000	1093.000	700.140	700.180	700.000	0.	0.	0.
GR	502.370	1000.000	486.550	1043.000	481.750	1053.000	482.050	1069.000	482.450	1088.000
GR	480.550	1043.000	492.850	1100.000	496.350	1117.000	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1017.000	1130.000
XI	8.000	7.000	1068.000	1130.000	1100.010	1100.030	1100.000	0.	0.	0.
GR	507.410	1000.000	490.910	1068.000	483.600	1075.000	482.000	1093.000	483.500	1123.000
GR	480.700	1130.000	502.040	1150.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	0.	0.
GR	494.000	8494.000	8494.000	8494.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1010.000	1125.000
XI	9.000	8.000	1033.000	1094.000	1900.000	1900.000	1900.000	0.	0.	0.
GR	498.630	1000.000	494.030	1033.000	486.030	1037.000	485.730	1060.000	486.230	1090.000
GR	484.030	1094.000	494.430	1100.000	500.230	1150.000	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1075.000	1225.000
XI	10.000	8.000	1151.000	1200.000	400.010	400.240	400.000	0.	0.	0.
GR	503.570	1000.000	498.770	1100.000	492.770	1151.000	488.470	1152.000	485.570	1180.000
GR	486.570	1196.000	492.970	1200.000	504.970	1250.000	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1041.000	1241.000
XI	11.000	15.000	1165.000	1219.000	1100.000	1100.010	1100.000	0.	0.	0.
GR	506.550	1000.000	502.690	1031.000	498.590	1031.000	498.590	1034.000	498.990	1037.000
GR	500.190	1041.000	492.130	1100.000	495.730	1112.000	494.030	1155.000	490.640	1167.000
GR	489.140	1195.000	488.940	1200.000	489.840	1212.000	497.140	1219.000	510.800	1290.000
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1060.000	1260.000

X1	12.000	9.000	1120.000	1173.000	1200.000	1200.010	1200.000	0.	0.	0.
GR	513.530	1000.000	498.810	1100.000	495.910	1120.000	490.010	1125.000	489.410	1153.000
GP	489.610	1171.000	445.310	1173.000	501.710	1200.000	505.010	1300.000	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1029.000	1177.000

X1	21.000	7.000	1083.000	1128.000	800.050	800.000	800.000	0.	0.	0.
GR	516.460	1000.000	444.750	1053.000	492.350	1090.000	490.850	1107.000	442.150	1123.000
GP	444.950	1124.000	515.380	1200.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1164.000	1219.000

X1	222.000	19.000	1164.000	1219.000	50.360	50.160	50.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	511.890	511.750	0.
GR	523.360	1000.000	513.560	1100.000	512.860	1161.000	511.890	1164.000	494.230	1164.000
GP	493.730	1189.000	491.530	1174.000	491.230	1179.000	491.230	1184.000	491.730	1189.000
GP	491.230	1124.000	442.730	1199.000	496.230	1204.000	497.730	1299.000	498.930	1214.000
GP	500.030	1219.000	511.750	1219.000	513.260	1222.000	523.460	1300.000	0.	0.
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1164.000	1219.000

X1	223.000	0.	0.	0.	2.000	2.000	2.000	0.	0.	0.
BT	4.000	1000.000	523.360	523.360	1164.000	512.850	511.890	1219.000	513.090	511.750
BT	1300.000	523.460	523.460	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1164.000	1219.000

X1	224.000	0.	0.	0.	10.000	10.000	10.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1.000	0.	0.	0.
NC	0.	0.	.049	.100	.300	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1164.000	1219.000

X1	22.000	0.	0.	0.	2.000	2.000	2.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	512.850	513.090	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1036.000	1214.000

X1	13.000	9.000	1082.000	1134.000	250.000	250.000	250.000	0.	0.	0.
GR	517.790	1000.000	500.730	1082.000	497.530	1087.000	496.350	1103.000	497.550	1130.000
GP	500.150	1136.000	597.450	1200.000	513.510	1220.000	0.	0.	0.	0.
GT	3.000	7920.000	7920.000	7920.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1104.000	1145.000

X1	14.000	9.000	1111.000	1186.000	1750.070	1750.010	1750.000	0.	0.	0.
GR	528.090	1000.000	526.260	1100.000	523.860	1111.000	518.660	1113.000	514.860	1148.000
GP	520.260	1123.000	526.460	1186.000	524.360	1200.000	544.820	1284.000	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1043.000	1197.000

X1	15.000	4.000	1065.000	1115.000	3000.000	3000.050	3000.000	0.	0.	0.
GR	555.440	1000.000	535.840	1065.000	524.840	1070.000	526.440	1095.000	526.340	1114.000

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GP	532.240	1115.000	542.840	1200.000	551.470	1252.000	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1321.000	1486.000

X1	16.000	12.000	1321.000	1486.000	2700.000	2700.040	2700.000	0.	0.	0.
GP	546.520	1000.000	555.420	1100.000	549.760	1200.000	547.260	1300.000	543.600	1321.000
GP	539.800	1322.000	535.000	1451.000	541.200	1481.000	548.900	1446.000	551.300	1500.000
GP	557.740	1600.000	560.440	1652.000	0.	0.	0.	0.	0.	0.
QT	3.000	6540.000	6540.000	6540.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1124.000	1303.000

X1	17.000	16.000	1124.000	1163.000	1150.000	1150.070	1150.000	0.	0.	0.
GP	562.320	1000.000	551.420	1100.000	546.730	1124.000	543.530	1124.000	542.730	1141.000
GP	542.430	1160.000	550.030	1163.000	551.830	1200.000	550.730	1215.000	543.330	1216.000
GP	543.130	1236.000	543.130	1251.000	548.730	1253.000	533.230	1300.000	550.150	1350.000
GP	566.150	1378.000	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1052.000	1297.000

X1	19.000	11.000	1074.000	1159.000	450.250	450.490	450.000	0.	0.	0.
GP	543.140	1000.000	550.440	1074.000	548.440	1076.000	547.120	1116.000	544.620	1154.000
GP	551.120	1154.000	553.020	1138.000	550.420	1200.000	550.620	1272.000	554.620	1300.000
GP	573.740	1400.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	.025	.300	.500	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1169.000	1251.000

X1	241.000	30.000	1150.000	1276.000	109.000	109.000	109.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	561.510	561.460	0.
GP	569.180	1000.000	564.580	1100.000	561.880	1150.000	561.580	1155.000	560.410	1160.000
GP	557.810	1165.000	553.810	1170.000	553.810	1175.000	552.810	1180.000	548.810	1185.000
GP	547.210	1190.000	546.810	1195.000	546.810	1210.000	546.810	1215.000	547.810	1220.000
GP	544.310	1220.000	547.710	1230.000	546.310	1235.000	547.810	1240.000	549.810	1245.000
GP	553.210	1250.000	557.810	1255.000	559.310	1260.000	560.610	1265.000	561.310	1270.000
GP	511.810	1275.000	563.680	1276.000	563.980	1300.000	566.780	1400.000	568.680	1436.000
SC	1.250	1.600	2.600	0.	40.000	2.000	1176.000	2.720	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1168.000	1252.000

X1	22.000	0.	0.	0.	22.000	22.000	22.000	0.	0.	0.
X2	0.	0.	1.000	561.510	563.580	0.	1.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	563.720	563.740	0.
RT	4.000	1000.000	569.180	569.180	1170.000	563.720	561.510	1276.000	563.740	561.460
RT	1436.000	568.680	568.680	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	.049	.100	.300	0.	0.	0.	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1065.000	1215.000

X1	20.000	9.000	1090.000	1157.000	89.000	89.000	89.000	0.	0.	0.
GP	563.970	1000.000	550.390	1090.000	547.490	1092.000	545.390	1121.000	547.590	1155.000
GP	550.490	1157.000	534.510	1200.000	547.510	1251.000	562.410	1300.000	0.	0.
ET	0.	0.	9.100	0.	0.	0.	0.	0.	1135.000	1276.000

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X1	18.000	9.000	1192.000	1250.000	1700.000	1700.000	1700.000	0.	0.	0.
GR	575.220	1000.000	568.720	1100.000	560.460	1192.000	558.260	1192.000	553.860	1221.000
GR	557.860	1250.000	562.860	1250.000	568.460	1300.000	580.080	1400.000	0.	0.
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

HLER = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 02/06/79 11:04:55

HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
ERROR CORR - 01.02
MODIFICATION - 50,51,52,53

T1 FIS RANDOLPH CO. N.C. 12-5-78
T2 FLOODWAY--METHOD 1
T3 RICHLAND-MAIN UNINCORPORATED AREA

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.	0.	0.	0.	490.310	0.
J2	NPROT	IPLUT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACF
	15.000	0.	-1.000	0.	0.	0.	0.	0.	0.	0.

IHLED = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 02/06/79 11:05:02

HECP RELEASE DATED NOV 76 UPDATED AUG1977
ERROR CORR - 01,02
MODIFICATION - 50,51,52,53

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

RICHLAND-MAIN UNINCORPOR

SUMMARY PRINTOUT TABLE 100

SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
* 232.000	557.67	561.51	0.	563.58	6540.00	0.	2.00	0.	9.17	555.48	11.86	557.67
* 232.000	557.67	561.51	0.	563.58	6540.00	0.	2.00	0.	9.17	555.48	11.87	557.67

RICHLAND-MAIN UNINCORPOR

SUMMARY PRINTOUT TABLE 105

SECNO	CWSEL	HL	LOSS	TOPWID	QLOB	QCH	ORDR
19.000	554.20	3.57	.30	245.02	82.10	5440.12	1017.77
19.000	554.68	3.16	.17	245.00	101.44	5308.48	1130.08
* 231.000	554.54	.62	.96	82.37	0.	6540.00	0.
* 231.000	554.57	.61	1.01	81.95	0.	6540.00	0.
* 232.000	555.48	.15	0.	84.56	0.	6540.00	0.
* 232.000	555.48	.15	0.	84.00	0.	6540.00	0.
20.000	557.15	.31	.12	198.17	249.18	5831.27	459.55
20.000	557.13	.31	.12	150.00	238.02	5855.07	446.91

RICHLAND-MAIN UNINCORPOR

SUMMARY PRINTOUT TABLE 110

SECTNO	QWSEL	DIFKWS	EG	TOPWID	QLOH	QCH	ORUH	PERENC	STENCL	STGHL	STCNP	STENCH
1.000	489.91	0.	490.96	246.75	2034.18	6210.10	502.72	0.	0.	1148.00	1200.00	0.
1.000	490.31	.40	491.47	183.99	1952.53	6559.72	234.75	.07	1032.53	1148.00	1200.00	1216.52
2.000	491.39	0.	491.75	500.00	1822.47	6113.99	810.54	0.	0.	1213.00	1287.00	0.
2.000	491.82	.43	492.42	215.00	894.96	7400.18	451.86	215.00	1135.00	1213.00	1287.00	1350.00
3.000	492.75	0.	493.33	359.40	2018.53	6534.48	194.00	0.	0.	1350.00	1414.00	0.
3.000	493.61	.86	494.17	214.00	2043.26	6703.74	0.	214.00	1200.00	1350.00	1414.00	1414.00
4.000	494.54	0.	495.39	209.20	327.73	7763.48	655.79	0.	0.	1085.00	1145.00	0.
4.000	495.31	.77	496.04	209.00	370.38	7595.98	780.64	209.00	1046.00	1085.00	1145.00	1255.00
5.000	496.25	0.	497.29	243.74	1643.57	7075.21	28.22	0.	0.	1250.00	1304.00	0.
5.000	496.88	.63	497.75	204.00	1875.02	6871.93	0.	204.00	1100.00	1250.00	1304.00	1304.00
6.000	497.83	0.	498.45	193.08	401.20	8196.81	148.99	0.	0.	1092.00	1172.00	0.
6.000	498.33	.49	498.94	110.00	401.92	8345.08	0.	110.00	1062.00	1092.00	1172.00	1172.00
7.000	498.81	0.	500.24	107.31	468.53	8031.15	247.32	0.	0.	1043.00	1093.00	0.
7.000	499.28	.48	500.64	107.00	498.95	7980.30	267.75	107.00	1010.00	1043.00	1093.00	1117.00
8.000	501.70	0.	502.37	149.40	851.04	7759.35	136.60	0.	0.	1068.00	1130.00	0.
8.000	502.20	.50	502.87	113.00	864.29	7882.71	0.	113.00	1017.00	1068.00	1130.00	1130.00
9.000	504.23	0.	504.86	150.00	448.10	7375.38	670.03	0.	0.	1033.00	1094.00	0.
9.000	504.72	.60	505.48	115.00	353.63	7640.12	500.25	115.00	1010.00	1033.00	1094.00	1125.00
10.000	504.77	0.	505.47	249.11	1422.93	6600.95	470.12	0.	0.	1151.00	1200.00	0.
10.000	505.35	.58	506.06	150.00	1292.03	6767.45	434.52	150.00	1075.00	1151.00	1200.00	1225.00
11.000	506.55	0.	506.92	261.04	2478.39	5290.04	225.56	0.	0.	1165.00	1219.00	0.
11.000	507.06	.51	507.43	200.00	2877.69	5400.55	215.76	200.00	1041.00	1165.00	1219.00	1241.00
12.000	507.86	0.	508.46	261.44	917.65	6625.22	1051.13	0.	0.	1120.00	1173.00	0.
12.000	508.26	.43	508.87	200.00	866.93	6662.57	964.50	200.00	1060.00	1120.00	1173.00	1260.00
21.000	508.95	0.	510.03	148.61	819.90	6949.04	725.02	0.	0.	1083.00	1128.00	0.
21.000	509.30	.35	510.31	148.00	850.08	6891.29	752.63	148.00	1029.00	1083.00	1128.00	1177.00
222.000	509.70	0.	510.41	55.00	0.	8494.00	0.	0.	0.	1164.00	1219.00	0.
222.000	509.05	.5	510.68	55.00	0.	8494.00	0.	55.00	1164.00	1164.00	1219.00	1219.00
223.000	508.71	0.	510.41	55.00	0.	8494.00	0.	0.	0.	1164.00	1219.00	0.
223.000	509.05	.35	510.68	55.00	0.	8494.00	0.	55.00	1164.00	1164.00	1219.00	1219.00
224.000	508.73	0.	510.43	55.00	0.	8494.00	0.	0.	0.	1164.00	1219.00	0.

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224.000	509.08	.35	510.70	55.00	0.	8494.00	0.	55.00	1164.00	1164.00	1219.00	1219.00
22.000	508.74	0.	510.43	55.00	0.	8494.00	0.	0.	0.	1164.00	1219.00	0.
22.000	509.08	.34	510.70	55.00	0.	8494.00	0.	55.00	1164.00	1164.00	1219.00	1219.00
13.000	510.32	0.	511.57	178.03	468.87	6908.87	1116.26	0.	0.	1082.00	1136.00	0.
13.000	510.58	.27	511.75	178.00	491.25	6852.83	1149.92	178.00	1036.00	1082.00	1136.00	1214.00

SECNO	CWSFL	DIFKWS	EG	TOPWID	QLOR	QCH	QROH	PERENC	SIENCL	STCHL	STCHR	SIENCR
14.000	525.29	0.	528.19	80.97	5.63	7974.37	0.	0.	0.	1111.00	1186.00	0.
14.000	525.28	-.01	528.19	80.50	5.53	7974.47	0.	81.00	1104.00	1111.00	1186.00	1185.00
15.000	542.43	0.	543.58	153.45	107.44	7020.67	851.90	0.	0.	1065.00	1115.00	0.
15.000	542.43	-.00	543.58	153.48	107.53	7020.24	852.23	154.00	1043.00	1065.00	1115.00	1197.00
16.000	547.91	0.	548.26	211.34	42.59	7937.41	0.	0.	0.	1321.00	1486.00	0.
16.000	547.98	.07	548.33	164.40	0.	7980.00	0.	165.00	1321.00	1321.00	1486.00	1486.00
17.000	551.33	0.	551.78	214.15	75.41	2383.48	4081.11	0.	0.	1124.00	1163.00	0.
17.000	551.93	.60	552.50	179.00	0.	2746.95	3793.05	179.00	1124.00	1124.00	1163.00	1303.00
19.000	554.20	0.	555.64	245.02	82.10	5440.12	1017.77	0.	0.	1074.00	1159.00	0.
19.000	554.68	.48	555.84	245.00	101.44	5308.48	1130.08	245.00	1052.00	1074.00	1159.00	1297.00
* 231.000	554.54	0.	557.51	82.37	0.	6540.00	0.	0.	0.	1150.00	1276.00	0.
* 231.000	554.57	.02	557.51	81.95	0.	6540.00	0.	82.00	1169.00	1150.00	1276.00	1251.00
* 232.000	555.48	0.	557.67	84.56	0.	6540.00	0.	0.	0.	1150.00	1276.00	0.
* 232.000	555.48	.00	557.67	84.00	0.	6540.00	0.	84.00	1168.00	1150.00	1276.00	1252.00
20.000	557.15	0.	558.10	198.17	249.18	5831.27	459.55	0.	0.	1090.00	1157.00	0.
20.000	557.13	-.01	558.10	150.00	238.02	5855.07	446.91	150.00	1065.00	1090.00	1157.00	1215.00
18.000	565.77	0.	567.54	141.08	266.38	6221.12	52.49	0.	0.	1192.00	1250.00	0.
18.000	565.78	.01	567.54	141.00	267.88	6219.12	53.00	141.00	1135.00	1192.00	1250.00	1276.00

SUMMARY OF ERRORS

CAUTION SECNO= 231.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 231.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 231.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 231.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 232.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 232.000 PROFILE= 2 HYDRAULIC JUMP D.S.

FLOODWAY DATA, RICHLAND-MAIN UNINCORPORATED
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1.0000	184.	1509.	5.8	490.3	489.9	.4
2.0000	215.	1948.	4.5	491.4	491.4	.4
3.0000	214.	2062.	4.2	493.7	492.8	.9
4.0000	209.	1810.	4.8	495.3	494.5	.8
5.0000	204.	1666.	5.3	496.9	496.3	.6
6.0000	110.	1545.	5.7	498.3	497.8	.5
7.0000	107.	1169.	7.5	499.3	498.8	.5
8.0000	113.	1594.	5.5	502.2	501.7	.5
9.0000	115.	1622.	5.2	504.8	504.2	.6
10.0000	150.	1771.	4.8	505.4	504.8	.6
11.0000	200.	2518.	3.4	507.1	506.6	.5
12.0000	200.	2037.	4.2	508.3	507.4	.4
21.0000	148.	1542.	5.5	509.3	508.9	.4
22.0000	55.	830.	10.2	509.0	508.7	.3
23.0000	55.	830.	10.2	509.0	508.7	.3
24.0000	55.	832.	10.2	509.0	508.7	.3
25.0000	178.	1406.	6.0	510.6	510.3	.3
14.0000	80.	587.	13.6	525.3	525.3	0.
15.0000	153.	1255.	6.4	542.4	542.4	0.
16.0000	164.	1683.	4.7	548.0	547.9	.1
17.0000	174.	1274.	5.1	551.9	551.3	.6
19.0000	245.	1056.	6.2	554.7	554.2	.5
23.0000	82.	475.	13.8	554.5	554.5	0.
23.0000	84.	551.	11.9	555.4	555.5	0.
20.0000	150.	1058.	6.2	557.1	557.1	0.
16.0000	141.	746.	8.8	565.8	565.8	0.

FLOODWAY AREA