

\*\*\*\*\*  
 HPC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
 \*\*\*\*\*

T1 SALISBURY-ROWAN CO. BASIN L STRM 754L WILEY AVENUE BRANCH  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INC NINV TDIR STRT METRIC HVINS Q WSEL EQ  
 -1. 2. 0. 0. 0.036000 0.0 0.0 0. 682.300 0.0

J2 NPROF IPLDT PREVS XSECV XSECH FN 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  
 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

J5 LPRINT WYSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

-10.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0  
 MC 0.055 0.055 0.035 0.100 0.300 0.0 0.0 0.0 0.0 0.0  
 ST 5.000 294.000 535.000 661.000 971.000 661.000 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 1.000 13.000 1266.000 1219.000 1.000 1.000 1.000 0.0 0.0 0.0  
 GR 697.800 1000.000 690.100 1039.000 689.200 1100.000 684.100 1206.000 677.800 1206.000  
 GR 677.300 1212.000 677.400 1217.000 679.100 1219.000 687.400 1300.000 677.400 1400.000  
 GR 692.100 1500.000 696.500 1600.000 697.800 1623.000 0.0 0.0 0.0 0.0  
 IC 0.025 0.025 0.025 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 0.000 17.000 1210.000 1214.000 1.000 1.000 1.000 0.0 0.0 0.0  
 GR 699.500 1000.000 691.800 1049.000 690.900 1100.000 685.800 1206.000 681.000 1210.000  
 GR 680.000 1210.000 679.300 1211.000 679.000 1212.000 679.300 1213.000 680.000 1213.700  
 GR 661.000 1214.000 660.700 1219.000 669.100 1300.000 691.100 1400.000 693.800 1500.000  
 GR 698.200 1600.000 699.500 1623.000 0.0 0.0 0.0 0.0 0.0 0.0  
 GR 0.900 1.500 2.500 0.0 3.500 0.010 9.600 0.0 0.0 0.0

X1 698.000 19.000 1152.200 1155.700 696.000 696.000 696.000 0.0 0.0 0.0  
 X2 0.0 0.0 1.000 690.400 693.800 0.0 0.0 0.0 0.0 0.0  
 BT 17.000 1000.000 710.900 0.0 1100.000 700.700 0.0 1152.200 695.600 688.700  
 BT 1152.500 695.500 689.500 1133.000 695.600 690.100 1154.000 695.600 690.400 1155.000  
 BT 695.600 690.100 1155.500 695.600 689.500 1155.700 695.600 688.700 1200.000 693.800  
 BT 0.0 1300.000 694.100 0.0 1320.000 693.900 0.0 1400.000 698.100 0.0  
 BT 1450.000 696.000 0.0 1463.000 698.900 0.0 1500.000 702.200 0.0 1550.000  
 BT 704.300 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0  
 GR 710.900 1000.000 700.700 1100.000 699.700 1110.000 690.100 1133.000 688.700 1152.200

GR	687.800	1152.500	687.200	1153.000	686.900	1154.000	687.200	1155.000	687.800	1155.500
GR	688.700	1155.700	689.700	1192.000	693.100	1261.000	693.900	1320.000	698.100	1400.000
GR	698.800	1450.000	698.900	1463.000	702.200	1500.000	704.300	1550.000	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	748.000	13.000	1040.000	1097.000	50.000	50.000	50.000	0.0	-0.500	0.0
GR	707.100	1000.000	701.900	1045.000	691.100	1072.000	691.400	1080.000	688.000	1090.000
GR	687.900	1093.000	687.900	1095.000	691.000	1097.000	690.700	1131.000	694.100	1200.000
GR	696.700	1311.000	703.500	1370.000	707.100	1497.000	0.0	0.0	0.0	0.0

X1	798.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
NT	5.000	242.000	457.000	573.000	863.000	573.000	0.0	0.0	0.0	0.0

X1	950.000	13.000	1195.000	1212.000	152.000	152.000	152.000	0.0	-2.400	0.0
GR	713.800	1000.000	706.300	1100.000	698.300	1185.000	698.200	1195.000	693.900	1204.000
GR	693.900	1206.000	694.100	1208.000	697.900	1212.000	697.700	1236.000	703.700	1300.000
GR	712.700	1400.000	713.500	1449.000	713.800	1451.000	0.0	0.0	0.0	0.0

X1	1000.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1050.000	20.000	1362.500	1365.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	719.500	1000.000	714.200	1074.000	713.200	1100.000	707.600	1200.000	702.000	1300.000
GR	700.600	1332.000	697.300	1355.000	694.500	1362.500	693.400	1363.000	693.000	1364.000
GR	693.400	1365.000	694.500	1365.500	697.100	1371.000	698.300	1430.000	699.800	1440.000
GR	705.600	1500.000	710.900	1600.000	711.000	1639.000	713.500	1700.000	714.300	1750.000
SB	0.900	1.500	2.500	0.0	3.000	0.010	7.000	0.0	0.0	0.0

X1	1111.000	0.0	0.0	0.0	61.000	61.000	61.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	696.000	700.200	0.0	0.0	0.0	0.0	0.0
BT	18.000	1000.000	715.500	0.0	1074.000	714.200	0.0	1100.000	713.200	0.0
BT	1200.000	707.600	0.0	1300.000	702.000	0.0	1362.500	700.200	694.500	1363.000
BT	700.200	695.600	1364.000	700.200	696.000	1365.000	700.200	695.600	1365.500	700.200
BT	694.500	1400.000	700.700	0.0	1500.000	705.600	0.0	1600.000	710.900	0.0
BT	1639.000	711.000	0.0	1700.000	713.500	0.0	1750.000	714.300	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1161.000	13.000	1195.000	1208.000	50.000	50.000	50.000	0.0	-0.500	0.0
GR	713.800	1000.000	706.300	1100.000	698.300	1185.000	698.200	1195.000	693.900	1204.000
GR	693.900	1206.000	694.100	1208.000	697.900	1212.000	697.700	1236.000	703.700	1300.000
GR	712.700	1400.000	713.500	1449.000	713.800	1451.000	0.0	0.0	0.0	0.0

X1	1211.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
NT	5.000	225.000	417.000	522.000	781.000	522.000	0.0	0.0	0.0	0.0

X1	1390.000	13.000	1176.000	1191.000	179.000	179.000	179.000	0.0	-4.600	0.0
GR	722.400	1000.000	714.600	1080.000	714.700	1112.000	707.300	1176.000	702.500	1183.000
GR	702.500	1184.000	702.700	1185.000	706.200	1191.000	708.800	1240.000	715.300	1300.000
GR	718.300	1340.000	719.100	1371.000	722.400	1411.000	0.0	0.0	0.0	0.0

X1	1440.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1490.000	17.000	1260.000	1262.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	722.400	1000.000	723.400	1050.000	716.800	1100.000	708.300	1200.000	706.400	1253.000

GR	702.000	1260.000	701.700	1260.300	701.400	1261.000	701.700	1261.700	702.400	1262.000
GR	706.000	1264.000	708.800	1300.000	715.500	1400.000	716.000	1415.000	716.400	1454.000
GR	718.200	1500.000	721.500	1600.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	2.000	0.010	3.000	0.0	0.0	0.0

X1	1571.000	0.0	0.0	0.0	101.000	101.000	101.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	703.400	707.300	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	722.400	0.0	1050.000	720.400	0.0	1100.000	716.800	0.0
BT	1200.000	708.800	0.0	1260.000	707.300	702.400	1260.300	707.300	703.100	1261.000
BT	707.300	703.400	1261.700	707.300	703.100	1262.000	707.300	702.400	1300.000	708.800
BT	0.0	1400.000	715.500	0.0	1415.000	716.000	0.0	1454.000	716.400	0.0
BT	1500.000	718.200	0.0	1600.000	721.500	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1641.000	13.000	1176.000	1191.000	50.000	50.000	50.000	0.0	-0.500	0.0
GR	722.400	1000.000	714.600	1080.000	714.700	1112.000	707.300	1176.000	702.500	1183.000
GR	702.500	1184.000	702.700	1185.000	706.200	1191.000	708.800	1240.000	715.300	1300.000
GR	718.300	1340.000	719.100	1391.000	722.400	1411.000	0.0	0.0	0.0	0.0

X1	1691.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
BT	5.000	224.000	416.000	521.000	780.000	521.000	0.0	0.0	0.0	0.0

X1	1716.000	13.000	1176.000	1191.000	25.000	25.000	25.000	0.0	0.100	0.0
GR	722.400	1000.000	714.600	1080.000	714.700	1112.000	707.300	1176.000	702.500	1183.000
GR	702.500	1184.000	702.700	1185.000	706.200	1191.000	708.800	1240.000	715.300	1300.000
GR	718.300	1340.000	719.100	1391.000	722.400	1411.000	0.0	0.0	0.0	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1766.000	15.000	1183.000	1185.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	722.600	1000.000	714.800	1080.000	714.900	1112.000	707.500	1176.000	703.700	1183.000
GR	703.000	1183.300	702.700	1184.000	703.000	1184.700	703.700	1185.000	706.400	1191.000
GR	709.000	1240.000	715.500	1300.000	718.500	1340.000	719.300	1391.000	722.600	1411.000
SB	0.900	2.050	2.500	0.0	2.000	0.010	3.000	0.0	0.0	0.0

X1	2234.000	22.000	1949.000	1951.000	468.000	468.000	468.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	717.400	722.700	0.0	0.0	0.0	0.0	0.0
BT	19.000	1437.000	736.300	0.0	1500.000	735.900	0.0	1600.000	734.600	0.0
BT	1638.000	734.100	0.0	1700.000	732.400	0.0	1500.000	726.300	0.0	1900.000
BT	722.900	0.0	1949.000	722.700	716.400	1949.300	722.700	717.100	1950.000	722.700
BT	717.400	1950.700	722.700	717.100	1951.000	722.700	716.400	2000.000	723.800	0.0
BT	2190.000	726.400	0.0	2200.000	729.400	0.0	2242.000	730.300	0.0	2278.000
BT	730.300	0.0	2300.000	733.300	0.0	2372.000	737.800	0.0	0.0	0.0
GR	736.300	1437.000	735.900	1500.000	734.600	1600.000	734.100	1668.000	732.400	1700.000
GR	726.300	1800.000	724.600	1823.000	719.300	1923.000	719.300	1945.000	716.400	1949.000
GR	715.700	1949.500	715.900	1950.000	715.700	1950.700	716.400	1951.000	720.100	1957.000
GR	723.900	2000.000	726.400	2100.000	729.400	2200.000	730.300	2242.000	730.300	2278.000
GR	733.500	2300.000	737.500	2372.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2284.000	11.000	1222.000	1234.000	50.000	50.000	50.000	0.0	-0.500	0.0
GR	736.100	1000.000	725.500	1100.000	720.300	1200.000	720.300	1222.000	716.400	1226.000
GR	716.400	1227.000	716.400	1228.000	721.100	1234.000	727.900	1300.000	735.300	1400.000
GR	736.100	1410.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	2462.000	0.0	0.0	0.0	178.000	178.000	178.000	0.0	0.500	0.0
BT	5.000	223.000	415.000	519.000	779.000	519.000	0.0	0.0	0.0	0.0



\*\*\*\*\*

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

\*\*\*\*\*

T1 SALISBURY-ROWAN CO. BASIN E STRM 7SAL  
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6916  
T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	YCHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
----	--------	-----	------	------	------	--------	-------	---	------	----

	-10.	4.	0.	0.	0.036000	0.0	0.0	0.	685.300	0.0
--	------	----	----	----	----------	-----	-----	----	---------	-----

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHMIM	ITRACE
----	-------	-------	-------	-------	-------	----	-------	-----	-------	--------

	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
--	--------	-----	--------	-----	-----	-----	-----	-----	-----	-----

\*\*\*\*\*  
 HEC2 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

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* A	1.000	1.00	0.0	0.0	294.00	677.30	600.20	680.20	8.25	1206.00	1229.78	40.06	0.0
*	1.000	1.00	0.0	0.0	661.00	677.30	661.79	681.79	9.80	1206.00	1245.21	69.86	0.58
*	2.000	1.00	0.0	0.0	294.00	679.00	682.87	682.87	8.20	1208.44	1239.17	45.49	0.0
*	2.000	1.00	0.0	0.0	661.00	679.00	683.94	683.94	9.82	1207.55	1249.66	84.65	1.08
B	698.000	696.00	693.80	690.40	294.00	686.90	694.35	0.0	0.57	1122.80	1328.72	585.35	0.0
	698.000	692.00	693.80	690.40	661.00	686.90	695.12	0.0	0.98	1120.97	1343.27	748.97	0.76
	748.000	50.00	0.0	0.0	294.00	687.40	694.35	0.0	1.13	1062.62	1232.04	460.40	0.0
	748.000	50.00	0.0	0.0	661.00	687.40	695.11	0.0	1.99	1060.73	1264.36	601.62	0.76
C	798.000	50.00	0.0	0.0	294.00	687.90	694.35	0.0	1.36	1063.87	1210.50	381.70	0.0
	798.000	50.00	0.0	0.0	661.00	687.90	695.11	0.0	2.33	1061.97	1243.27	506.55	0.76
D	950.000	152.00	0.0	0.0	242.00	691.50	694.79	694.79	6.24	1197.10	1211.26	29.38	0.0
*	950.000	152.00	0.0	0.0	573.00	691.50	696.58	696.58	7.93	1177.77	1249.66	105.28	1.79
*	1000.000	50.00	0.0	0.0	242.00	692.00	695.84	0.0	6.43	1195.95	1236.47	37.76	0.0
*	1000.000	50.00	0.0	0.0	573.00	692.00	697.04	697.04	8.09	1178.19	1249.24	102.44	1.23
E	1050.000	50.00	0.0	0.0	242.00	693.00	697.68	697.68	7.65	1352.34	1399.63	45.26	0.0
*	1050.000	50.00	0.0	0.0	573.00	693.00	698.51	698.51	8.97	1346.54	1431.43	103.06	0.83
F	1111.000	61.00	700.20	696.00	242.00	693.00	701.43	0.0	0.74	1313.00	1456.88	419.13	0.0
	1111.000	61.00	700.20	696.00	573.00	693.00	702.25	0.0	1.32	1295.45	1465.40	548.66	0.82
	1161.000	50.00	0.0	0.0	242.00	693.40	701.42	0.0	1.14	1146.49	1201.06	409.13	0.0
	1161.000	50.00	0.0	0.0	573.00	693.40	702.24	0.0	2.14	1137.83	1289.75	525.90	0.82
G	1211.000	50.00	0.0	0.0	242.00	693.90	701.42	0.0	1.34	1151.78	1275.74	344.75	0.0
	1211.000	50.00	0.0	0.0	573.00	693.90	702.24	0.0	2.46	1143.08	1284.48	433.46	0.82
H	1390.000	179.00	0.0	0.0	225.00	697.90	701.58	701.58	8.18	1177.63	1190.97	27.52	0.0
*	1390.000	179.00	0.0	0.0	522.00	697.90	703.31	703.31	8.65	1170.72	1223.24	81.74	1.73
	1440.000	50.00	0.0	0.0	225.00	698.40	702.61	0.0	6.38	1176.85	1200.68	37.34	0.0
*	1440.000	50.00	0.0	0.0	522.00	698.40	703.82	703.82	8.61	1170.62	1223.45	82.33	1.21

	SECNO	YLCN	FLTRD	ELLC	W	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
I	1490.000	50.00	0.0	0.0	225.00	701.40	706.86	706.96	8.79	1242.73	1248.33	35.27	0.0
	1490.000	50.00	0.0	0.0	522.00	701.40	708.00	708.00	10.17	1217.74	1286.86	88.88	1.13
J	1591.000	101.00	707.30	703.40	225.00	701.40	708.85	0.0	2.50	1199.37	1300.76	161.90	0.0
	1591.000	101.00	707.30	703.40	522.00	701.40	709.50	0.0	3.76	1191.27	1310.42	233.31	0.65
	1641.000	50.00	0.0	0.0	225.00	702.00	708.86	0.0	2.00	1158.18	1245.17	185.23	0.0
	1641.000	50.00	0.0	0.0	522.00	702.00	709.50	0.0	3.63	1152.66	1251.97	244.49	0.64
K	1691.000	50.00	0.0	0.0	225.00	702.50	708.86	0.0	2.48	1162.45	1240.62	144.53	0.0
	1691.000	50.00	0.0	0.0	522.00	702.50	709.50	0.0	4.38	1156.93	1246.50	197.99	0.64
	1716.000	25.00	0.0	0.0	224.00	702.60	708.87	0.0	2.58	1163.28	1239.46	137.12	0.0
	1716.000	25.00	0.0	0.0	521.00	702.60	709.53	0.0	4.50	1157.54	1245.85	191.74	0.66
L	1766.000	50.00	0.0	0.0	224.00	702.70	708.92	0.0	2.67	1163.71	1238.51	126.96	0.0
	1766.000	50.00	0.0	0.0	521.00	702.70	709.69	0.0	3.97	1157.10	1246.33	189.93	0.76
M	2234.000	468.00	722.70	717.40	224.00	715.40	723.68	0.0	0.76	1838.59	1998.72	428.68	0.0
	2234.000	468.00	722.70	717.40	521.00	715.40	724.33	0.0	1.38	1826.15	2020.64	542.60	0.64
	2284.000	50.00	0.0	0.0	224.00	715.90	723.68	0.0	1.21	1125.24	1263.97	348.70	0.0
	2284.000	50.00	0.0	0.0	521.00	715.90	724.32	0.0	2.27	1113.11	1270.09	441.93	0.64
N	2462.000	178.00	0.0	0.0	224.00	716.40	723.70	0.0	1.46	1134.76	1259.16	283.52	0.0
	2462.000	178.00	0.0	0.0	521.00	716.40	724.38	0.0	2.64	1121.62	1265.80	375.32	0.68
O	2640.000	178.00	0.0	0.0	223.00	728.30	732.38	732.38	6.79	1220.97	1274.79	50.28	0.0
	2640.000	178.00	0.0	0.0	519.00	728.30	733.19	733.19	8.36	1219.87	1290.00	103.94	0.82
	2790.000	150.00	0.0	0.0	223.00	730.00	734.09	734.09	6.73	1220.95	1275.25	50.89	0.0
	2790.000	150.00	0.0	0.0	519.00	730.00	734.92	0.0	8.14	1219.83	1290.15	106.55	0.83
P	2840.000	50.00	0.0	0.0	223.00	730.60	734.75	734.75	8.04	1221.24	1277.68	49.56	0.0
	2840.000	50.00	0.0	0.0	519.00	730.60	735.43	735.43	9.06	1220.22	1289.73	93.18	0.68
Q	3012.000	172.00	743.00	739.20	223.00	737.20	744.27	0.0	1.02	1165.41	1369.62	375.13	0.0
	3012.000	172.00	743.00	739.20	519.00	737.20	744.99	0.0	1.54	1163.01	1394.17	531.85	0.72
	3052.000	50.00	0.0	0.0	223.00	737.80	744.26	0.0	1.52	1216.26	1295.36	220.82	0.0
	3052.000	50.00	0.0	0.0	519.00	737.80	744.96	0.0	2.78	1206.88	1299.19	280.24	0.70
R	3212.000	150.00	0.0	0.0	223.00	739.50	744.26	0.0	3.97	1220.05	1289.45	94.49	0.0
	3212.000	150.00	0.0	0.0	519.00	739.50	745.03	0.0	5.56	1219.03	1292.56	149.59	0.77

SUMMARY OF ERRORS

CAUTION	SECNO=	1.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		100	20	0.20
1.000	0.	680.2	681.8	0.0
2.000	1.	674.6	675.7	****
690.000	697.	692.4	693.1	-1.0
744.000	747.	11.5	12.2	0.0
798.000	797.	694.4	695.1	11.0
950.000	949.	400.8	402.6	392.9
1000.000	999.	****	****	****
1050.000	1049.	697.7	698.5	0.0
1111.000	1110.	700.3	701.1	****
1161.000	1160.	-96.6	-95.8	****
1211.000	1210.	7.1	7.9	****
1350.000	1359.	701.6	703.3	0.0
1440.000	1439.	460.6	461.8	449.5
1490.000	1489.	****	****	****
1591.000	1590.	708.9	709.5	0.0
1641.000	1640.	702.4	703.1	****
1691.000	1690.	****	****	****
1716.000	1715.	11.2	11.9	0.0
1766.000	1765.	708.9	709.7	11.0
2234.000	2233.	481.7	482.3	451.0
2284.000	2283.	****	****	****
2462.000	2461.	723.7	724.4	0.0
2640.000	2639.	731.2	732.1	****
2790.000	2789.	****	****	****
2840.000	2839.	33.3	34.0	****
3012.000	3011.	744.3	745.0	0.0
3062.000	3061.	519.3	520.0	472.2
3212.000	3211.	****	****	****
WEIGHTED AVG FOR REACH		****	****	85.1

FHE FOR THE REACH = 0.05 WITH 0.00 OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = 1

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHE	PERCENT WITHIN
		100	10	DIFF.			
	0.				SEC.		1.000
1	100.	613.3	412.4	400.9	400.9	005	100.
	1.				SEC.		2.000
2	200.	616.3	415.7	400.6	400.8	005	100.
3	300.	687.0	6.0	681.0	494.2	005	0.



4	400.	688.6	5.1	683.5	541.5	005	0.
5	500.	690.3	4.2	686.1	570.4	005	0.
6	600.	691.9	3.3	688.6	590.1	005	0.
	697.				SEC.	698.000	
7	700.	693.6	22.9	670.7	601.6	005	0.
	747.				SEC.	748.000	
	797.				SEC.	798.000	
8	800.	694.4	2.9	691.5	612.9	005	0.
9	900.	694.5	102.5	592.0	610.5	005	0.
	949.				SEC.	950.000	
	999.				SEC.	1000.000	
10	1000.	695.9	1315.4	-619.6	487.5	005	0.
	1049.				SEC.	1050.000	
11	1100.	698.3	651.5	46.8	447.5	005	0.
	1110.				SEC.	1111.000	
	1160.				SEC.	1161.000	
12	1200.	701.4	756.5	-55.1	405.6	005	0.
	1210.				SEC.	1211.000	
13	1300.	701.5	530.2	171.3	387.6	005	0.
	1389.				SEC.	1390.000	
14	1400.	704.7	199.2	502.4	395.8	005	0.
	1439.				SEC.	1440.000	
	1489.				SEC.	1490.000	
15	1500.	707.0	1145.3	-438.3	340.2	005	0.
	1591.				SEC.	1591.000	
16	1600.	708.0	540.3	167.7	329.4	005	0.
	1640.				SEC.	1641.000	
	1690.				SEC.	1691.000	
17	1700.	708.9	979.5	-270.7	294.1	005	0.
	1715.				SEC.	1716.000	
	1765.				SEC.	1766.000	
18	1800.	709.5	9.0	700.4	316.6	005	0.
19	1900.	711.6	44.0	667.6	335.1	005	0.
20	2000.	714.8	95.7	619.1	349.3	005	0.
21	2100.	717.9	147.4	570.5	359.9	005	0.
22	2200.	721.1	199.1	522.0	367.2	005	0.
	2233.				SEC.	2234.000	
	2283.				SEC.	2284.000	
23	2300.	723.7	1347.3	-663.6	322.4	005	0.
24	2400.	723.7	908.5	-184.3	301.3	005	0.
	2461.				SEC.	2462.000	
25	2500.	724.6	249.8	474.9	308.2	005	0.
26	2600.	725.0	0.6	727.5	324.3	005	0.
	2639.				SEC.	2640.000	
27	2700.	731.3	247.0	484.8	330.3	005	0.
	2789.				SEC.	2790.000	
28	2800.	733.7	736.0	-62.4	316.3	005	0.
	2839.				SEC.	2840.000	
29	2900.	736.2	775.0	-39.6	304.0	005	0.
30	3000.	740.9	248.8	492.1	310.3	005	0.
	3011.				SEC.	3012.000	
	3061.				SEC.	3062.000	
31	3100.	744.3	350.6	393.7	313.0	005	0.
32	3200.	744.3	798.1	-53.9	301.5	005	0.
	3211.				SEC.	3212.000	

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS  
INPUT 200 WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END  
OF EACH REACH BY INC NO. FOR EXAMPLE 202 2 32  
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.