
HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

T1 SALISBURY-ROWAN CO. STREAM 10SAL INNIS STREET CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
 -1. 2. 0. 0. 0.015000 0.0 0.0 0. 698.100 0.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLOC 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

39.000 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 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10.000 0.0 0.0 0.0 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
 NT 5.000 239.000 698.000 576.000 873.000 576.000 0.0 0.0 0.0 0.0
 ET 5.000 0.0 0.0 0.0 0.0 0.0 -10.400 0.0 0.0 0.0

X1 2.000 14.000 1475.000 1490.000 2.000 2.000 2.000 0.0 -7.100 0.0
 GR 711.500 1000.000 706.300 1100.000 702.500 1200.000 699.800 1300.000 697.800 1400.000
 GR 697.600 1475.000 695.000 1480.000 693.100 1482.000 695.100 1486.000 698.100 1490.000
 GR 697.600 1500.000 696.600 1800.000 699.500 1700.000 700.100 1800.000 0.0 0.0

X1 12.000 0.0 0.0 0.0 10.000 10.000 10.000 0.0 0.100 0.0
 NC 0.025 0.025 0.025 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 22.000 22.000 1797.000 1803.000 10.000 10.000 10.000 0.0 0.0 0.0
 GR 715.900 1025.000 713.400 1100.000 709.900 1200.000 705.200 1300.000 704.600 1518.000
 GR 699.400 1418.000 695.600 1518.000 692.900 1618.000 690.900 1718.000 690.700 1793.000
 GR 689.200 1797.000 687.000 1798.000 686.400 1799.000 686.200 1800.000 686.400 1801.000
 GR 687.000 1802.000 689.200 1803.000 691.200 1808.000 690.900 1818.000 689.700 1918.000
 GR 692.600 2018.000 698.800 2100.000 0.0 0.0 0.0 0.0 0.0 0.0
 SB 0.900 2.500 2.500 0.0 6.000 0.010 28.300 0.0 0.0 0.0

X1 425.000 23.000 1797.000 1803.000 403.000 403.000 403.000 0.0 0.0 0.0
 X2 0.0 0.0 1.000 697.500 0.0 0.0 0.0 0.0 0.0 0.0
 NT 15.000 1025.000 715.900 0.0 1100.000 714.300 0.0 1200.000 709.900 0.0
 BT 1300.000 705.200 0.0 1400.000 701.000 0.0 1500.000 698.800 0.0 1600.000
 BT 699.400 0.0 1700.000 698.700 0.0 1797.000 697.900 694.500 1798.000 697.900

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BT	696.700	1799.000	697.900	697.300	1800.000	697.900	697.500	1801.000	697.900	697.300
BT	1802.000	697.900	696.700	1803.000	697.900	694.500	1900.000	696.300	0.0	2000.000
BT	695.800	0.0	2100.000	698.700	0.0	0.0	0.0	0.0	0.0	0.0
GR	715.900	1025.000	713.400	1100.000	709.900	1200.000	705.200	1300.000	701.000	1400.000
GR	698.600	1500.000	699.200	1500.000	698.200	1618.000	696.200	1718.000	696.000	1793.000
GR	694.500	1797.000	692.300	1798.000	691.700	1799.000	691.500	1800.000	691.700	1801.000
GR	692.300	1802.000	694.500	1803.000	696.500	1808.000	696.200	1818.000	695.000	1918.000
GR	696.000	1957.000	695.800	2000.000	698.700	2100.000	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	475.000	14.000	1475.000	1490.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	711.500	1000.000	706.300	1100.000	702.500	1200.000	699.800	1300.000	697.800	1400.000
GR	697.600	1475.000	695.000	1480.000	693.100	1482.000	695.100	1486.000	698.100	1490.000
GR	697.800	1500.000	696.600	1600.000	699.500	1700.000	700.100	1800.000	0.0	0.0

X1	525.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
OT	5.000	226.000	433.000	546.000	830.000	546.000	0.0	0.0	0.0	0.0

X1	707.000	13.000	1236.000	1255.000	182.000	182.000	182.000	0.0	-0.900	0.0
GR	717.800	1000.000	710.100	1100.000	702.900	1200.000	700.100	1236.000	696.600	1237.000
GR	696.700	1240.000	696.600	1244.000	703.500	1255.000	705.900	1300.000	708.500	1400.000
GR	707.900	1500.000	710.400	1600.000	717.800	1873.000	0.0	0.0	0.0	0.0

X1	757.000	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	807.000	25.000	1295.200	1304.700	50.000	50.000	50.000	0.0	0.0	0.0
GR	717.900	1043.000	714.100	1100.000	710.100	1160.000	702.900	1260.000	698.600	1295.200
GR	697.100	1296.000	696.600	1297.200	696.700	1298.000	697.600	1299.000	698.600	1299.200
GR	698.600	1300.700	697.600	1301.000	696.700	1302.000	696.600	1302.700	697.100	1304.000
GR	698.600	1304.700	703.500	1315.000	704.500	1335.000	705.900	1400.000	707.100	1500.000
GR	705.400	1600.000	705.500	1602.000	710.700	1700.000	714.200	1800.000	717.800	1893.600
SB	0.900	2.000	2.500	0.0	9.500	0.010	25.100	0.0	0.0	0.0

X1	933.000	0.0	0.0	0.0	176.000	176.000	176.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	700.600	703.900	0.0	0.0	0.0	0.0	0.0
BT	22.000	1043.000	717.900	0.0	1100.000	714.100	0.0	1200.000	707.200	0.0
BT	1295.200	703.800	698.600	1296.000	703.800	700.100	1297.200	703.800	700.600	1278.000
BT	703.800	700.300	1299.000	703.800	699.600	1299.200	703.800	698.600	1300.700	703.800
BT	698.600	1301.000	703.600	699.600	1302.000	703.800	700.500	1302.700	703.800	700.600
BT	1304.000	703.300	700.100	1304.700	703.800	698.600	1400.000	705.900	0.0	1300.000
BT	707.100	0.0	1600.000	705.400	0.0	1602.000	705.500	0.0	1700.000	710.700
BT	0.0	1400.000	714.200	0.0	1893.000	717.800	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1033.000	13.000	1236.000	1255.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	717.800	1000.000	710.100	1100.000	702.900	1200.000	700.100	1236.000	696.600	1237.000
GR	696.700	1240.000	696.600	1244.000	703.500	1255.000	705.900	1300.000	708.500	1400.000
GR	707.900	1500.000	710.400	1600.000	717.800	1873.000	0.0	0.0	0.0	0.0

X1	1083.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
OT	5.000	207.900	400.000	507.000	776.000	507.000	0.0	0.0	0.0	0.0

X1	1255.000	12.000	1227.000	1239.000	172.000	172.000	172.000	0.0	-1.500	0.0
GR	722.600	1000.000	715.500	1100.000	713.900	1132.000	709.900	1200.000	704.100	1227.000
GR	702.100	1228.000	702.200	1231.000	702.400	1235.000	708.800	1239.000	711.400	1300.000
GR	720.200	1350.000	721.200	1400.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	1305.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.700	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1355.000	18.000	1396.300	1403.800	50.000	50.000	50.000	0.0	0.0	0.0
GR	725.700	1090.000	724.900	1100.000	717.400	1200.000	711.700	1300.000	711.100	1348.000
GR	709.900	1369.000	704.100	1396.000	704.000	1396.300	702.100	1396.300	702.100	1403.800
GR	704.000	1403.800	708.800	1408.000	711.400	1469.000	712.400	1476.000	712.900	1500.600
GR	718.800	1600.000	722.700	1700.000	725.700	1925.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	7.500	0.010	33.800	0.0	0.0	0.0

X1	1414.000	0.0	0.0	0.0	59.000	59.000	59.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	706.600	710.700	0.0	0.0	0.0	0.0	0.0
BT	11.000	1090.000	725.700	0.0	1100.000	724.900	0.0	1200.000	717.400	0.0
BT	1300.000	711.700	0.0	1396.300	710.700	706.600	1403.800	710.700	704.000	1403.900
BT	710.600	0.0	1500.000	712.900	0.0	1600.000	718.800	0.0	1700.000	722.700
BT	0.0	1925.000	725.700	0.0	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	1434.000	12.000	1227.000	1239.000	20.000	20.000	20.000	0.0	0.0	0.0
GR	722.800	1000.000	715.500	1100.000	713.900	1132.000	709.900	1200.000	704.100	1227.000
GR	702.100	1228.000	702.200	1231.000	702.400	1235.000	705.800	1239.000	711.400	1300.000
GR	720.200	1350.000	721.200	1400.000	0.0	0.0	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	1459.000	18.000	1596.500	1603.500	25.000	25.000	25.000	0.0	0.0	0.0
GR	719.300	1018.000	718.200	1100.000	715.700	1200.000	713.200	1300.000	711.500	1400.000
GR	711.900	1500.000	712.200	1521.000	710.700	1540.000	709.200	1589.000	707.000	1596.500
GR	704.700	1596.500	704.700	1603.500	707.000	1603.500	707.700	1605.000	714.700	1625.000
GR	717.900	1700.000	726.000	1800.000	728.900	1839.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	7.000	0.010	38.500	0.0	0.0	0.0

X1	1552.000	0.0	0.0	0.0	93.000	93.000	93.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	710.200	711.500	0.0	0.0	0.0	0.0	0.0
BT	12.000	1018.000	713.300	0.0	1100.000	716.200	0.0	1200.000	715.700	0.0
BT	1500.000	713.200	0.0	1400.000	711.500	0.0	1500.000	711.900	0.0	1596.500
BT	713.500	710.200	1603.500	713.500	710.200	1603.600	713.500	710.200	1700.000	717.900
BT	707.000	1800.000	726.000	0.0	1839.000	726.900	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	1502.000	11.000	1249.000	1265.000	50.000	50.000	50.000	0.0	-1.200	0.0
GR	724.200	1000.000	721.500	1100.000	713.200	1200.000	711.700	1249.000	707.200	1257.000
GR	707.200	1260.000	707.200	1265.000	710.200	1265.000	720.800	1294.000	721.700	1300.000
GR	720.200	1367.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	1552.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.200	0.0
BT	5.000	201.000	507.000	490.000	750.000	490.000	0.0	0.0	0.0	0.0

X1	1750.000	12.000	1217.000	1225.000	98.000	98.000	98.000	0.0	-1.000	0.0
GR	726.800	1000.000	720.200	1100.000	717.200	1200.000	709.900	1217.000	708.900	1218.000
GR	709.400	1219.000	709.400	1221.000	712.500	1225.000	714.500	1237.000	723.200	1255.000
GR	723.600	1270.000	726.800	1279.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	1800.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1850.000	16.000	1397.500	1402.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	731.200	1028.000	729.500	1100.000	729.500	1200.000	721.000	1252.000	719.100	1281.000
GR	716.100	1381.000	711.000	1397.500	708.300	1397.500	708.300	1402.500	711.000	1402.500
GR	711.400	1406.000	713.400	1418.000	722.100	1436.000	722.300	1437.000	728.600	1500.000
GR	731.200	1530.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.000	0.010	30.000	0.0	0.0	0.0
X1	1909.000	0.0	0.0	0.0	59.000	59.000	59.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	714.300	718.900	0.0	0.0	0.0	0.0	0.0
BT	9.000	1028.000	731.200	0.0	1100.000	729.500	0.0	1200.000	723.300	0.0
BT	1300.000	718.900	0.0	1397.500	718.900	714.300	1402.500	718.900	714.300	1402.600
BT	718.900	0.0	1500.000	728.600	0.0	1530.000	731.200	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	1959.000	12.000	1217.000	1225.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	726.800	1000.000	720.200	1100.000	717.200	1200.000	709.900	1217.000	708.900	1218.000
GR	709.400	1219.000	709.400	1221.000	712.500	1225.000	714.500	1237.000	723.200	1255.000
GR	723.600	1270.000	726.800	1279.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	2009.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.600	0.0
BT	5.000	193.000	370.000	470.000	719.000	470.000	0.0	0.0	0.0	0.0
X1	2234.000	13.000	1149.000	1178.000	225.000	225.000	225.000	0.0	-5.900	0.0
GR	743.000	1000.000	743.000	1020.000	733.600	1037.000	727.300	1100.000	724.800	1149.000
GR	719.200	1160.000	718.900	1165.000	738.700	1170.000	723.900	1178.000	724.900	1200.000
GR	731.600	1300.000	739.100	1400.000	744.400	1482.000	0.0	0.0	0.0	0.0
X1	2284.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2334.000	14.000	1297.500	1302.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	737.000	1040.000	733.700	1100.000	728.800	1171.000	722.200	1235.000	719.700	1294.000
GR	716.000	1297.500	713.800	1297.500	713.800	1302.500	716.000	1302.500	718.800	1313.000
GR	719.800	1335.000	725.600	1400.000	733.800	1500.000	737.000	1539.000	0.0	0.0
SB	0.900	2.500	2.500	0.0	5.000	0.010	24.000	0.0	0.0	0.0
X1	2346.000	16.000	1297.500	1302.500	212.000	212.000	212.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	721.800	723.200	0.0	0.0	0.0	0.0	0.0
BT	10.000	1040.000	737.000	0.0	1100.000	733.700	0.0	1200.000	726.700	0.0
BT	1261.000	723.700	0.0	1277.500	723.200	721.800	1302.500	723.200	721.800	1302.600
BT	723.200	0.0	1500.000	725.600	0.0	1500.000	733.800	0.0	1539.000	737.000
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	737.000	1040.000	733.700	1100.000	726.700	1200.000	723.700	1261.000	723.600	1270.600
GR	722.900	1264.000	719.000	1297.500	717.000	1297.500	717.000	1302.500	719.000	1302.500
GR	722.000	1313.000	723.000	1335.000	724.600	1358.000	725.600	1400.000	733.800	1500.000
GR	737.000	1539.000	0.0	0.0	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	2596.000	13.000	1149.000	1178.000	50.000	50.000	50.000	0.0	-1.100	0.0
GR	743.000	1000.000	743.000	1020.000	733.600	1037.000	727.300	1100.000	724.800	1149.000
GR	719.200	1160.000	718.900	1165.000	718.700	1170.000	723.900	1178.000	724.900	1200.000
GR	731.600	1300.000	739.100	1400.000	744.400	1482.000	0.0	0.0	0.0	0.0
X1	2646.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
BT	5.000	170.000	331.000	422.000	651.000	422.000	0.0	0.0	0.0	0.0

100% IN U.S.A.

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X1	2696.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.700	0.0
EJ	0.0	0.0	0.0	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

T1 SALISBURY-ROWAN CO. STREAM 10SAL
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-F JOB NO. 691B
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IOIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.015000	0.0	0.0	0.	701.100	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MADE IN U.S.A.

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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,53,52

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

	SECTNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP	
*	A	2.000	2.00	0.0	0.0	239.00	686.00	690.37	690.37	5.84	1475.25	1630.03	74.64	0.0
*	A	2.00	2.00	0.0	0.0	576.00	686.00	690.97	690.97	6.66	1396.28	1650.83	194.84	0.60
*		12.000	10.00	0.0	0.0	239.00	686.10	690.47	690.47	5.84	1475.25	1630.01	74.56	0.0
*		12.000	10.00	0.0	0.0	576.00	686.10	691.06	691.06	6.78	1386.06	1650.36	191.25	0.59
*		22.000	10.00	0.0	0.0	239.00	686.20	690.64	690.64	5.71	1793.15	1950.48	79.29	0.0
*		22.000	10.00	0.0	0.0	576.00	686.20	691.34	0.0	4.76	1696.02	1974.53	235.57	0.70
*		425.000	403.00	695.80	697.50	239.00	691.50	696.06	0.0	4.65	1771.02	2008.86	105.27	0.0
*		425.000	403.00	695.80	697.50	576.00	691.50	696.82	0.0	3.17	1686.96	2035.20	339.33	0.76
*		475.000	50.00	0.0	0.0	239.00	693.10	697.57	697.57	5.24	1475.06	1633.35	86.41	0.0
*		475.000	50.00	0.0	0.0	576.00	693.10	698.07	698.07	6.67	1386.32	1650.81	194.65	0.51
*	B	525.000	50.00	0.0	0.0	239.00	693.50	697.91	697.91	5.61	1475.18	1631.24	78.79	0.0
*	B	525.000	50.00	0.0	0.0	576.00	693.50	698.54	0.0	6.11	1382.87	1653.18	213.06	0.64
*	C	707.000	182.00	0.0	0.0	226.00	695.70	699.20	0.0	5.34	1236.00	1249.58	35.64	0.0
*	C	707.000	182.00	0.0	0.0	546.00	695.70	700.58	700.58	9.26	1218.25	1251.78	68.19	1.38
*		757.000	50.00	0.0	0.0	226.00	696.20	699.61	0.0	6.57	1236.03	1249.43	34.40	0.0
*		757.000	50.00	0.0	0.0	546.00	696.20	701.40	701.07	8.27	1214.21	1252.28	79.45	1.79
*		807.000	50.00	0.0	0.0	226.00	696.60	699.99	699.99	7.52	1283.79	1307.63	34.82	0.0
*		807.000	50.00	0.0	0.0	546.00	696.60	702.22	0.0	6.06	1268.57	1312.31	113.36	2.23
*		933.000	176.00	705.80	700.60	226.00	696.60	702.45	0.0	2.29	1263.65	1312.80	124.59	0.0
*		933.000	176.00	703.90	700.60	546.00	696.60	705.44	0.0	1.87	1224.68	1600.88	381.66	2.99
*		1033.000	50.00	0.0	0.0	226.00	696.60	702.45	0.0	2.72	1205.83	1253.32	107.32	0.0
*		1033.000	50.00	0.0	0.0	546.00	696.60	705.43	0.0	2.50	1164.83	1291.22	348.80	2.99
*	D	1083.000	50.00	0.0	0.0	226.00	697.40	702.44	0.0	3.62	1216.19	1252.04	73.73	0.0
*	D	1083.000	50.00	0.0	0.0	546.00	697.40	705.42	0.0	3.16	1175.91	1276.27	258.43	2.98
*		1255.000	172.00	0.0	0.0	207.00	700.60	703.58	703.58	8.36	1222.41	1236.68	26.44	0.0
*		1255.000	172.00	0.0	0.0	507.00	700.60	705.42	705.42	10.11	1213.86	1237.83	61.56	1.84

SECNO	XLCH	ELTRD	FLLC	Q	LLBIN	CWSEL	CRINS	VCH	SSTA	ENDST	AREA	DIFWSP
1305.000	50.00	0.0	0.0	207.00	701.30	704.48	0.0	7.67	1221.49	1236.80	29.38	0.0
1305.000	50.00	0.0	0.0	507.00	701.30	706.13	706.13	10.09	1213.82	1237.83	61.75	1.65
1355.000	50.00	0.0	0.0	207.00	702.10	705.16	705.16	8.47	1391.06	1404.82	26.51	0.0
1355.000	50.00	0.0	0.0	507.00	702.10	706.99	706.99	10.05	1382.54	1406.42	60.95	1.83
1414.000	59.00	710.70	706.60	207.00	702.10	705.17	0.0	8.44	1391.01	1404.82	26.64	0.0
1414.000	59.00	710.70	706.60	507.00	702.10	711.24	0.0	2.53	1336.80	1465.24	291.68	6.07
1434.000	20.00	0.0	0.0	207.00	702.10	705.89	0.0	5.99	1218.68	1237.18	39.59	0.0
1434.000	20.00	0.0	0.0	507.00	702.10	711.23	0.0	2.96	1177.44	1295.95	291.81	5.34
1459.000	25.00	0.0	0.0	207.00	704.70	707.96	707.96	8.70	1593.24	1605.74	25.37	0.0
1459.000	25.00	0.0	0.0	507.00	704.70	711.15	0.0	4.79	1534.28	1614.86	150.91	3.19
1552.000	93.00	711.50	710.20	207.00	704.70	707.97	0.0	8.66	1593.20	1605.77	25.51	0.0
1552.000	93.00	711.50	710.20	507.00	704.70	712.41	0.0	2.27	1346.30	1618.47	368.07	4.44
1602.000	50.00	0.0	0.0	207.00	706.00	708.73	708.73	8.11	1252.14	1264.82	25.54	0.0
1602.000	50.00	0.0	0.0	507.00	706.00	712.19	0.0	5.41	1197.62	1273.75	138.83	3.46
1652.000	50.00	0.0	0.0	207.00	707.20	709.94	709.94	8.09	1252.13	1264.82	25.58	0.0
1652.000	50.00	0.0	0.0	507.00	707.20	711.67	711.67	9.87	1249.04	1269.04	53.58	1.74
1750.000	98.00	0.0	0.0	201.00	707.90	711.59	711.54	8.57	1210.72	1225.57	28.10	0.0
1750.000	98.00	0.0	0.0	490.00	707.90	713.40	713.40	10.34	1206.52	1236.41	68.49	1.81
1800.000	50.00	0.0	0.0	201.00	708.10	712.59	0.0	6.14	1208.88	1230.33	42.48	0.0
1800.000	50.00	0.0	0.0	490.00	708.10	714.40	0.0	7.93	1204.67	1238.43	93.81	1.81
1850.000	50.00	0.0	0.0	201.00	708.30	712.85	0.0	5.99	1391.51	1414.70	40.39	0.0
1850.000	50.00	0.0	0.0	490.00	708.30	714.90	0.0	5.40	1384.89	1421.10	182.04	2.05
1909.000	59.00	718.90	714.30	201.00	708.30	712.85	0.0	5.99	1491.51	1414.71	40.41	0.0
1909.000	59.00	718.90	714.30	490.00	708.30	719.32	0.0	1.24	1277.45	1430.27	472.30	6.47
1959.000	50.00	0.0	0.0	201.00	708.90	712.94	0.0	7.37	1209.93	1227.62	53.65	0.0
1959.000	50.00	0.0	0.0	490.00	708.90	719.30	0.0	2.76	1130.06	1246.93	337.76	6.36
2009.000	50.00	0.0	0.0	201.00	709.50	713.40	0.0	7.79	1210.23	1226.84	31.43	0.0
2009.000	50.00	0.0	0.0	490.00	709.50	719.30	0.0	3.20	1149.77	1245.70	274.30	5.89
2234.000	225.00	0.0	0.0	193.00	712.80	715.70	0.0	4.97	1155.29	1174.46	38.83	0.0
2234.000	225.00	0.0	0.0	470.00	712.80	719.37	0.0	3.46	1139.58	1205.60	153.87	3.67
2284.000	50.00	0.0	0.0	193.00	713.20	715.98	0.0	5.28	1155.53	1174.27	36.54	0.0
2284.000	50.00	0.0	0.0	470.00	713.20	719.39	0.0	3.84	1146.95	1200.07	151.79	3.41
2334.000	50.00	0.0	0.0	193.00	713.80	717.59	717.59	8.10	1291.71	1308.45	28.27	0.0
2334.000	50.00	0.0	0.0	470.00	713.80	719.14	719.14	9.09	1286.02	1320.59	64.40	1.56
2546.000	212.00	723.20	721.80	193.00	717.00	720.69	720.69	8.09	1291.63	1303.43	28.46	0.0
2546.000	212.00	723.20	721.80	470.00	717.00	724.39	0.0	3.04	1246.96	1354.99	207.18	3.70
2596.000	50.00	0.0	0.0	193.00	717.60	721.61	0.0	3.03	1153.08	1176.19	62.56	0.0
2596.000	50.00	0.0	0.0	470.00	717.60	724.37	0.0	3.27	1135.91	1203.47	167.19	2.75

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	SECNO	YLCH	ELTRD	ELLC	Q	ELMTN	CHSEL	CRWS	VCH	SSFA	ENDST	AREA	DIFWSP
	2546.000	50.00	0.0	0.0	193.00	718.10	721.67	0.0	3.68	1193.97	1175.49	52.51	0.0
	2646.000	50.00	0.0	0.0	470.00	718.10	724.38	0.0	3.75	1195.27	1201.35	136.47	2.71
I	2696.000	50.00	0.0	0.0	170.00	718.60	721.78	0.0	4.22	1155.14	1174.57	40.26	0.0
	2696.000	50.00	0.0	0.0	422.00	718.60	724.43	0.0	4.04	1149.91	1187.55	106.32	2.65

SUMMARY OF ERRORS

CAUTION	SECNO=	2.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	12.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	12.000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	12.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	12.000	PROFILE=	2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	22.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	22.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	22.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	425.000	PROFILE=	1	WSEL ASSUMED BASED ON MIN DIFF
CAUTION	SECNO=	425.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	475.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	475.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	475.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	475.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	475.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	475.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	525.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	525.000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	707.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	707.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	707.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	807.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	807.000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1255.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1255.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1255.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1255.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1255.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1255.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1305.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1305.000	PROFILE=	2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1355.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1355.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1355.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1355.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1355.000	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		
		10F	20	0.20
2.000	0.	690.4	691.0	0.0
12.000	10.	684.6	685.2	*****
22.000	20.	678.6	679.3	-2.0
425.000	423.	5.6	6.4	0.0
475.000	473.	697.6	698.1	*****
525.000	523.	458.9	459.5	447.2
707.000	705.	*****	*****	*****
757.000	755.	3.8	5.6	1.7
807.000	805.	695.3	697.6	*****
983.000	981.	227.5	230.4	*****
1033.000	1031.	4.9	7.9	0.0
1083.000	1081.	702.4	705.4	11.0
1255.000	1253.	464.6	466.4	454.5
1305.000	1303.	*****	*****	*****
1355.000	1353.	705.2	707.0	0.0
1414.000	1412.	698.8	704.9	*****
1434.000	1432.	-51.1	-45.8	*****
1459.000	1457.	8.4	11.5	*****
1552.000	1550.	706.0	712.4	0.0
1602.000	1600.	482.7	486.2	470.6
1652.000	1650.	*****	*****	*****
1750.000	1748.	7.8	9.6	-3.2
1800.000	1798.	710.3	712.1	*****
1850.000	1848.	*****	*****	*****
1909.000	1907.	10.4	16.9	*****
1959.000	1957.	712.9	719.3	0.0
2009.000	2007.	487.4	493.3	471.4
2234.000	2232.	*****	*****	*****
2284.000	2282.	716.0	719.4	0.0
2334.000	2332.	709.2	710.8	*****
2546.000	2544.	*****	*****	*****
2596.000	2594.	17.1	19.9	*****
2646.000	2644.	721.7	724.4	0.0
2696.000	2694.	514.8	517.4	495.1
WEIGHTED AVG FOR REACH		***	****	****

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

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA	WTD. AVG.	FHF	PERCENT WITHIN
		LOC IC DIFF.			

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1	0. 100. 10. 20.	690.9	29.2	661.7	661.7	SEC. 005	2.000 100.
2	200.	691.9	163.5	528.3	595.0	SEC. 005	12.000 22.000
3	300.	693.7	399.2	294.5	494.8	SEC. 005	0.
4	400. 423. 473.	695.1	567.5	127.5	403.0	SEC. 005	425.000 475.000
5	500. 523.	697.7	64.5	633.1	449.0	SEC. 005	525.000
6	600.	698.1	546.1	152.0	399.5	SEC. 005	0.
7	700. 705. 755.	698.8	1433.3	-734.5	237.5	SEC. 005	707.000 757.000
8	800. 805.	699.8	384.8	315.0	247.2	SEC. 005	807.000
9	900. 981.	700.6	166.1	534.5	279.1	SEC. 005	983.000
10	1000. 1031. 1081.	701.9	409.1	292.8	280.5	SEC. 005	1033.000 1083.000
11	1100.	702.5	13.2	689.3	317.7	SEC. 005	0.
12	1200. 1253.	702.9	95.9	607.0	341.8	SEC. 005	1255.000
13	1300. 1303. 1353.	703.8	856.5	-152.7	303.7	SEC. 005	1305.000 1355.000
14	1400. 1412. 1432. 1457.	705.2	2.5	702.6	332.2	SEC. 005	1414.000 1434.000 1459.000
15	1500. 1550.	708.0	537.9	170.1	321.4	SEC. 005	1552.000
16	1600. 1600. 1650.	708.3	301.1	407.5	326.8	SEC. 005	1602.000 1652.000
17	1700. 1748. 1798.	710.4	1153.6	-443.2	241.5	SEC. 005	1750.000 1800.000
18	1800. 1848.	712.6	22.9	689.7	304.2	SEC. 005	1850.000
19	1900. 1907. 1957.	712.7	392.6	320.1	305.0	SEC. 005	1909.000 1959.000
20	2000. 2007.	713.1	97.2	616.0	320.6	SEC. 005	2009.000
21	2100.	713.6	422.2	291.5	319.2	SEC. 005	0.
22	2200. 2232. 2282.	714.9	978.1	-163.2	297.3	SEC. 005	2234.000 2284.000
23	2300. 2332.	716.3	1.5	714.8	315.4	SEC. 005	2334.000
24	2400.	717.6	213.6	503.9	323.3	SEC. 005	0.
25	2500. 2544. 2594.	719.3	730.1	-10.8	309.9	SEC. 005	2546.000 2596.000
26	2600. 2644. 2694.	721.6	662.2	59.4	300.3	SEC. 005	2646.000 2696.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
 INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
 OF EACH REACH BY INC NO. FOR EXAMPLE 202 1 26
 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.