

//RMAKG1 JOB RTI.A25.P03078,KEZIAH,M=1,T=2,P=100,PRTY=0

***PROCLIB=RTI.MG.PROCLIB

// EXEC HEC2

XXG EXEC PGM=HEC2,R=500K	00000010
XXSTEPLIB DD DSN=RTI.A25.P03078.JCW.LIB.LOAD,DISP=SHR	00000020
XXFT03F001 DD SYSOUT=A	00000030
XXFT01F001 DD DDNAME=SYSIN	00000040
XXFT91F001 DD DSN=8I91,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000050
XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000060
XXFT92F001 DD DSN=8I92,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000070
XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000080
XXFT93F001 DD DSN=8I93,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000090
XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000100
XXFT94F001 DD DSN=8I94,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000110
XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000120
XXFT95F001 DD DSN=8I95,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000130
XX DCB=(BUFNO=1,RECFM=VBS,LRECL=1000,BLKSIZE=6400)	00000140
XXFT96F001 DD DSN=8I96,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000150
XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000160

//SYSIN DD *

//

IEF236I ALLOC. FOR RMAKG1 G

IEF237I 177 ALLOCATED TO STEPLIB

IEF237I 561 ALLOCATED TO FT03F001

IEF237I 501 ALLOCATED TO FT01F001

IEF237I 150 ALLOCATED TO FT91F001

IEF237I 150 ALLOCATED TO FT92F001

IEF237I 150 ALLOCATED TO FT93F001

IEF237I 150 ALLOCATED TO FT94F001

IEF237I 150 ALLOCATED TO FT95F001

IEF237I 150 ALLOCATED TO FT96F001

IEF142I - STEP WAS EXECUTED - COND CODE 0000

IEF285I RTI.A25.P03078.JCW.LIB.LOAD KEPT

IEF285I VOL SER NOS= RTI444.

IEF285I SYS77279.T185032.RV001.RMAKG1.I91 DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS77279.T185032.RV001.RMAKG1.I92 DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS77279.T185032.RV001.RMAKG1.I93 DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS77279.T185032.RV001.RMAKG1.I94 DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS77279.T185032.RV001.RMAKG1.I95 DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS77279.T185032.RV001.RMAKG1.I96 DELETED

IEF285I VOL SER NOS= SPARE7.

G CORC=500K TIME--0:19.4 UR---929 RD/WR---0:00.0 RC-----0

G USED=234K CPU---0:07.9 DISK---431 REWIND---0:00.0

G I/O---0:11.5 TAPE-----0 FL SR---0:00.0

RMAKG1 TIME--0:19.4

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

T1 GRANITE QUARRY-ROWAN CO. STRM 4-1GQ UNNAMED
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IGR	STRT	METRIC	HVINS	Q	WSEL	FA
	-1.	2.	0.	0.	0.003000	0.0	0.0	0.	710.100	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALDC	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
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54.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
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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
QT	5.000	288.000	554.000	696.000	1051.000	696.000	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	325.000	12.000	1114.000	1126.000	325.000	325.000	325.000	0.0	0.0	0.0
GR	725.100	1000.000	723.600	1028.000	709.400	1056.000	709.000	1100.000	708.900	1114.000
GR	705.300	1118.000	705.100	1121.000	705.200	1125.000	709.300	1126.000	709.700	1200.000
GR	716.800	1300.000	725.000	1400.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	274.000	529.000	666.000	1008.000	666.000	0.0	0.0	0.0	0.0

X1	1025.000	11.000	1160.000	1169.000	700.000	700.000	700.000	0.0	0.0	0.0
GR	727.500	1000.000	717.100	1100.000	711.000	1138.000	709.900	1160.000	707.400	1161.000
GR	707.300	1164.000	707.400	1167.000	711.800	1169.000	711.800	1200.000	722.600	1300.000
GR	727.500	1330.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	1075.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.900	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1125.000	20.000	1392.000	1398.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	730.900	1000.000	726.300	1100.000	722.200	1200.000	719.500	1300.000	719.200	1327.000
GR	718.900	1331.000	712.800	1369.000	712.100	1392.000	709.900	1393.000	709.300	1394.000
GR	709.100	1395.000	709.300	1396.000	709.900	1397.000	712.100	1398.000	713.600	1400.000
GR	713.600	1431.000	720.800	1500.000	723.700	1600.000	727.300	1700.000	730.900	1800.000
SB	0.900	1.500	2.500	0.0	6.000	0.010	28.000	0.0	0.0	0.0

X1	1178.000	0.0	0.0	0.0	53.000	53.000	53.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	715.100	718.700	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	730.900	0.0	1100.000	726.300	0.0	1200.000	722.200	0.0
BT	1300.000	719.500	0.0	1392.000	718.700	712.100	1393.000	718.700	714.300	1394.000
BT	718.700	714.900	1395.000	718.700	715.100	1396.000	718.700	714.900	1397.000	718.700
BT	714.300	1398.000	718.700	712.100	1400.000	718.900	0.0	1500.000	720.800	0.0
BT	1600.000	723.700	0.0	1700.000	727.300	0.0	1800.000	730.900	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	1226.000	11.000	1160.000	1169.000	50.000	50.000	50.000	0.0	2.700	0.0
GR	727.500	1000.000	717.100	1100.000	711.000	1138.000	709.900	1160.000	707.100	1161.000
GR	707.300	1164.000	707.400	1167.000	711.800	1169.000	711.800	1290.000	722.600	1300.000
GR	727.500	1330.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1278.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.900	0.0
QT	5.000	270.000	522.000	654.000	984.000	654.000	0.0	0.0	0.0	0.0
X1	1500.000	0.0	0.0	0.0	222.000	222.000	222.000	0.0	3.300	0.0
X1	2000.000	0.0	0.0	0.0	500.000	500.000	500.000	0.0	3.300	0.0
X1	2500.000	0.0	0.0	0.0	500.000	500.000	500.000	0.0	3.300	0.0
X1	3103.000	12.000	1200.000	1205.000	603.000	603.000	603.000	0.0	0.0	0.0
GR	743.100	1000.000	729.600	1085.000	729.500	1100.000	729.100	1200.000	723.100	1201.000
GR	723.000	1202.000	723.200	1203.000	729.000	1205.000	731.600	1300.000	734.800	1400.000
GR	739.900	1500.000	743.100	1569.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	178.000	347.000	442.000	683.000	442.000	0.0	0.0	0.0	0.0
X1	5203.000	12.000	1321.000	1338.000	2100.000	2100.000	2100.000	0.0	0.0	0.0
GR	776.300	1000.000	769.800	1100.000	764.300	1200.000	758.900	1300.000	757.400	1321.000
GR	753.400	1326.000	753.400	1328.000	753.400	1330.000	756.900	1338.000	759.200	1400.000
GR	767.800	1500.000	772.700	1600.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	5353.000	0.0	0.0	0.0	150.000	150.000	150.000	0.0	3.100	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	5403.000	17.000	1470.500	1473.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	777.800	1000.000	769.900	1100.000	764.700	1200.000	764.900	1300.000	765.300	1400.000
GR	763.100	1444.000	761.600	1465.000	759.100	1470.500	758.000	1471.000	757.600	1472.000
GR	738.000	1473.000	759.100	1473.500	761.100	1482.000	763.400	1544.000	772.000	1644.000
GR	776.900	1744.000	777.800	1760.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	3.000	0.010	7.000	0.0	0.0	0.0
X1	5445.000	0.0	0.0	0.0	42.000	42.000	42.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	760.600	764.700	0.0	0.0	0.0	0.0	0.0
BT	14.000	1000.000	777.800	0.0	1100.000	769.900	0.0	1200.000	764.700	0.0
BT	1300.000	764.900	0.0	1400.000	765.300	0.0	1470.500	764.900	759.100	1471.000
BT	764.900	760.200	1472.000	764.900	760.600	1473.000	764.900	760.200	1473.500	764.900
BT	759.100	1500.000	765.500	0.0	1600.000	770.800	0.0	1700.000	776.300	0.0
BT	1760.000	777.800	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	5495.000	12.000	1321.000	1338.000	50.000	50.000	50.000	0.0	5.300	0.0
GR	776.300	1000.000	769.800	1100.000	764.300	1200.000	758.900	1300.000	757.400	1321.000
GR	753.400	1326.000	753.400	1328.000	753.400	1330.000	756.900	1338.000	759.200	1400.000

HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)
ERROR CORR - 01
MODIFICATION - 50,51,52

T1 GRANITE QUARRY-ROWAN CO. SYRM 4-1GQ UNNAMED
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	5.	0.	0.	0.003000	0.0	0.0	0.	714.600	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

HEC2 RELEASE DATED NOV 76 UPDATFD FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECTNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIMS	VCH	SSYA	ENOST	AREA	DIFWSP
A												
325.000	325.00	0.0	0.0	288.00	705.10	709.67	0.0	4.62	1055.07	1202.41	116.95	0.0
325.000	325.00	0.0	0.0	554.00	705.10	710.54	0.0	5.15	1053.76	1211.81	218.78	0.67
325.000	325.00	0.0	0.0	696.00	705.10	710.82	0.0	5.33	1053.20	1215.75	263.71	0.28
325.000	325.00	0.0	0.0	1051.00	705.10	711.39	0.0	5.75	1052.08	1223.79	359.04	0.57
B												
1025.000	700.00	0.0	0.0	274.00	707.30	712.11	0.0	4.90	1131.09	1202.86	87.40	0.0
1025.000	700.00	0.0	0.0	529.00	707.30	712.91	0.0	6.03	1126.09	1210.30	150.00	0.80
1025.000	700.00	0.0	0.0	666.00	707.30	713.22	0.0	6.49	1124.14	1213.19	177.06	0.31
1025.000	700.00	0.0	0.0	1008.00	707.30	713.87	0.0	7.37	1120.13	1219.15	237.54	0.64
*												
1075.000	50.00	0.0	0.0	274.00	708.20	712.20	712.20	7.63	1136.16	1168.77	48.67	0.0
1075.000	50.00	0.0	0.0	529.00	708.20	713.29	713.29	8.01	1129.31	1205.51	108.51	1.10
1075.000	50.00	0.0	0.0	666.00	708.20	713.58	713.58	8.60	1127.55	1208.13	130.78	0.28
1075.000	50.00	0.0	0.0	1008.00	708.20	714.13	714.13	9.01	1124.11	1213.24	177.51	0.55
*												
1125.000	50.00	0.0	0.0	274.00	709.10	713.52	713.52	7.35	1136.49	1139.90	49.23	0.0
1125.000	50.00	0.0	0.0	529.00	709.10	714.23	714.23	7.81	1136.10	1137.03	97.24	0.71
1125.000	50.00	0.0	0.0	666.00	709.10	714.40	714.40	8.62	1135.06	1138.62	110.23	0.17
1125.000	50.00	0.0	0.0	1008.00	709.10	714.94	714.94	8.90	1135.66	1143.85	135.97	0.55
*												
1178.000	53.00	718.70	715.10	274.00	709.10	713.53	0.0	7.34	1136.47	1139.90	49.34	0.0
1178.000	53.00	718.70	715.10	529.00	709.10	714.23	0.0	7.80	1136.08	1137.05	97.42	0.70
1178.000	53.00	718.70	715.10	666.00	709.10	719.89	0.0	0.97	11285.28	11491.35	805.39	5.66
1178.000	53.00	718.70	715.10	1008.00	709.10	720.44	0.0	1.29	11264.85	11496.64	926.14	0.55
*												
1228.000	50.00	0.0	0.0	274.00	710.00	713.97	713.97	7.74	1136.31	1168.76	47.87	0.0
1228.000	50.00	0.0	0.0	529.00	710.00	715.08	715.08	8.08	1129.41	1205.37	107.36	1.11
1228.000	50.00	0.0	0.0	666.00	710.00	719.89	0.0	1.76	1099.16	1249.88	651.55	4.81
1228.000	50.00	0.0	0.0	1008.00	710.00	720.43	0.0	2.34	1093.93	1254.92	736.37	0.54
*												
1278.000	50.00	0.0	0.0	274.00	710.90	714.90	714.90	7.62	1136.13	1168.77	48.78	0.0
1278.000	50.00	0.0	0.0	529.00	710.90	715.89	715.89	8.49	1129.94	1204.57	100.87	0.99
1278.000	50.00	0.0	0.0	666.00	710.90	719.89	0.0	2.20	1105.04	1241.59	523.04	4.00
1278.000	50.00	0.0	0.0	1008.00	710.90	720.43	0.0	2.90	1101.63	1246.65	600.00	0.54
*												
1500.000	222.00	0.0	0.0	270.00	714.20	718.17	718.17	7.65	1136.34	1168.76	47.68	0.0
1500.000	222.00	0.0	0.0	522.00	714.20	719.21	719.21	8.30	1129.84	1204.73	102.15	1.04
1500.000	222.00	0.0	0.0	654.00	714.20	719.63	0.0	8.21	1127.22	1208.62	134.99	0.42
1500.000	222.00	0.0	0.0	904.00	714.20	720.21	0.0	9.18	1123.57	1214.04	185.33	0.59

QUANTITY SECTNO XLCH ELTRD ELLC Q ELMIN CWSEL CRIMS VCH SSYA ENOST AREA DIFWSP

ROWAN COUNTY

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
2000.000	500.00	0.0	0.0	270.00	717.50	722.07	0.0	5.53	1132.57	1200.67	70.82	0.0
2000.000	500.00	0.0	0.0	522.00	717.50	722.93	0.0	6.52	1127.16	1208.71	135.79	0.86
2000.000	500.00	0.0	0.0	654.00	717.50	723.20	0.0	7.15	1125.58	1211.06	156.99	0.26
2000.000	500.00	0.0	0.0	984.00	717.50	723.91	0.0	7.70	1121.13	1217.66	221.91	0.71
2500.000	500.00	0.0	0.0	270.00	720.30	724.97	0.0	6.80	1135.02	1168.85	54.71	0.0
2500.000	500.00	0.0	0.0	522.00	720.80	725.92	0.0	7.78	1129.14	1205.76	110.64	0.95
2500.000	500.00	0.0	0.0	654.00	720.80	726.31	0.0	7.83	1126.67	1209.44	142.25	0.39
2500.000	500.00	0.0	0.0	984.00	720.80	726.97	0.0	8.55	1122.61	1215.47	199.48	0.66
3103.000	603.00	0.0	0.0	270.00	723.00	729.94	0.0	5.25	1082.87	1239.28	111.32	0.0
3103.000	603.00	0.0	0.0	522.00	723.00	730.50	0.0	5.08	1079.34	1259.77	205.79	0.56
3103.000	603.00	0.0	0.0	654.00	723.00	730.69	0.0	5.25	1078.13	1266.77	241.14	0.19
3103.000	603.00	0.0	0.0	984.00	723.00	731.17	0.0	5.24	1075.08	1284.47	337.52	0.48
5203.000	2100.00	0.0	0.0	178.00	753.40	756.09	756.09	7.55	1322.64	1336.15	23.57	0.0
5203.000	2100.00	0.0	0.0	347.00	753.40	757.21	757.21	8.46	1321.23	1346.48	42.21	1.12
5203.000	2100.00	0.0	0.0	442.00	753.40	757.84	757.84	8.20	1314.89	1363.24	64.56	0.62
5203.000	2100.00	0.0	0.0	683.00	753.40	758.70	758.70	8.55	1302.79	1386.54	121.66	0.86
5353.000	150.00	0.0	0.0	178.00	756.50	759.19	759.19	7.55	1322.64	1336.15	23.56	0.0
5353.000	150.00	0.0	0.0	347.00	756.50	760.31	760.31	8.48	1321.24	1346.35	42.08	1.12
5353.000	150.00	0.0	0.0	442.00	756.50	760.93	760.93	8.22	1314.98	1363.07	64.27	0.62
5353.000	150.00	0.0	0.0	683.00	756.50	761.82	761.82	8.48	1302.56	1386.99	123.06	0.89
5403.000	50.00	0.0	0.0	178.00	757.60	761.54	761.54	7.48	1465.14	1493.75	31.75	0.0
5403.000	50.00	0.0	0.0	347.00	757.60	762.23	762.23	8.33	1456.22	1512.38	60.82	0.69
5403.000	50.00	0.0	0.0	442.00	757.60	762.50	762.50	8.51	1452.35	1519.83	77.90	0.28
5403.000	50.00	0.0	0.0	683.00	757.60	762.96	762.96	9.31	1445.98	1532.09	112.83	0.45
5445.000	42.00	764.70	760.60	178.00	757.60	765.20	0.0	0.59	1190.25	1565.01	453.22	0.0
5445.000	42.00	764.70	760.60	347.00	757.60	765.47	0.0	0.97	1184.96	1568.21	556.43	0.27
5445.000	42.00	764.70	760.60	442.00	757.60	765.59	0.0	1.15	1182.82	1569.51	599.29	0.11
5445.000	42.00	764.70	760.60	683.00	757.60	765.83	0.0	1.54	1178.17	1572.31	693.51	0.24
5495.000	50.00	0.0	0.0	178.00	758.70	765.20	0.0	1.27	1281.55	1408.09	249.56	0.0
5495.000	50.00	0.0	0.0	347.00	758.70	765.45	0.0	2.21	1276.84	1411.05	282.74	0.25
5495.000	50.00	0.0	0.0	442.00	758.70	765.55	0.0	2.70	1274.96	1412.24	296.55	0.10
5495.000	50.00	0.0	0.0	683.00	758.70	765.75	0.0	3.84	1271.24	1414.57	324.69	0.20
5645.000	150.00	0.0	0.0	178.00	761.80	764.84	0.0	6.23	1322.19	1336.96	28.58	0.0
5645.000	150.00	0.0	0.0	347.00	761.80	765.61	765.61	8.46	1321.23	1346.48	42.21	0.77
5645.000	150.00	0.0	0.0	442.00	761.80	766.23	766.23	8.22	1314.96	1363.10	64.32	0.62
5645.000	150.00	0.0	0.0	683.00	761.80	767.11	767.11	8.52	1302.71	1386.69	122.11	0.88
6153.000	508.00	0.0	0.0	172.00	772.10	775.15	775.15	7.05	1215.73	1234.37	24.76	0.0
6153.000	508.00	0.0	0.0	331.00	772.10	776.11	776.11	7.76	1213.46	1247.03	49.68	0.95
6153.000	508.00	0.0	0.0	420.00	772.10	776.44	776.44	8.30	1211.72	1251.41	61.67	0.33
6153.000	508.00	0.0	0.0	646.00	772.10	777.20	777.20	9.01	1204.67	1261.49	98.32	0.76
6203.000	50.00	0.0	0.0	172.00	773.10	776.15	776.15	7.07	1215.74	1234.32	24.69	0.0
6203.000	50.00	0.0	0.0	331.00	773.10	777.12	777.12	7.72	1213.43	1247.16	49.99	0.97
6203.000	50.00	0.0	0.0	420.00	773.10	777.47	777.47	8.15	1211.38	1251.89	63.13	0.36
6203.000	50.00	0.0	0.0	646.00	773.10	778.21	778.21	8.95	1204.54	1261.67	99.12	0.74

GRANITE QUARRIES

A

B

C

D

	SECNO	XLCH	ELTRD	ELLC	W	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
*	6253.000	50.00	0.0	0.0	172.00	777.20	781.29	781.29	6.88	1315.66	1344.09	52.36	0.0
*E	6253.000	50.00	0.0	0.0	331.00	777.20	782.01	782.01	7.90	1309.30	1354.84	59.09	0.73
*	6253.000	50.00	0.0	0.0	420.00	777.20	782.27	782.27	8.39	1306.91	1358.66	71.64	0.26
*	6253.000	50.00	0.0	0.0	646.00	777.20	782.82	782.82	9.01	1301.84	1366.84	103.92	0.55
F	6326.000	73.00	787.60	783.20	172.00	777.20	781.29	0.0	6.86	1315.64	1344.14	52.45	0.0
	6326.000	73.00	787.60	783.20	331.00	777.20	782.02	0.0	7.88	1309.28	1354.88	59.23	0.73
	6326.000	73.00	787.60	783.20	420.00	777.20	782.27	0.0	8.37	1306.87	1358.71	71.83	0.26
	6326.000	73.00	787.60	783.20	646.00	777.20	788.63	0.0	0.93	1262.38	1447.85	838.07	6.35
	6376.000	50.00	0.0	0.0	172.00	777.20	781.95	0.0	2.79	1207.88	1256.90	80.01	0.0
	6376.000	50.00	0.0	0.0	331.00	777.20	782.66	0.0	3.94	1201.17	1266.49	121.35	0.72
	6376.000	50.00	0.0	0.0	420.00	777.20	782.93	0.0	4.51	1199.11	1269.90	138.87	0.27
	6376.000	50.00	0.0	0.0	646.00	777.20	788.63	0.0	1.38	1160.63	1343.94	864.23	5.70
	6426.000	50.00	0.0	0.0	172.00	777.30	782.00	0.0	2.86	1208.36	1256.20	77.48	0.0
G	6426.000	50.00	0.0	0.0	331.00	777.30	782.75	0.0	3.99	1201.46	1266.08	119.32	0.74
	6426.000	50.00	0.0	0.0	420.00	777.30	783.03	0.0	4.51	1199.11	1269.91	138.89	0.29
	6426.000	50.00	0.0	0.0	646.00	777.30	788.63	0.0	1.40	1161.29	1342.68	846.33	5.60
*	6603.000	177.00	0.0	0.0	154.00	781.70	785.00	785.00	7.19	1149.85	1163.64	21.43	0.0
*H	6603.000	177.00	0.0	0.0	295.00	781.70	785.92	785.92	8.19	1147.93	1166.19	36.02	0.92
*	6603.000	177.00	0.0	0.0	376.00	781.70	786.35	786.35	8.49	1147.02	1171.31	45.33	0.44
*	6603.000	177.00	0.0	0.0	580.00	781.70	788.32	0.0	5.99	1142.88	1194.45	120.18	1.97
*	6653.000	50.00	0.0	0.0	154.00	783.60	786.91	786.91	7.15	1149.84	1163.66	21.53	0.0
*	6653.000	50.00	0.0	0.0	295.00	783.60	787.83	787.83	8.12	1147.90	1166.39	36.34	0.92
*	6653.000	50.00	0.0	0.0	376.00	783.60	788.26	788.26	8.44	1146.99	1171.45	45.61	0.43
*	6653.000	50.00	0.0	0.0	580.00	783.60	789.17	789.17	8.90	1145.10	1182.06	73.39	0.90
*	6703.000	50.00	0.0	0.0	154.00	785.80	789.04	789.04	8.08	1194.60	1207.58	21.91	0.0
*	6703.000	50.00	0.0	0.0	295.00	785.80	790.18	790.18	8.80	1192.29	1213.14	40.59	1.15
*	6703.000	50.00	0.0	0.0	376.00	785.80	790.62	790.62	9.05	1191.41	1218.25	50.97	0.44
*	6703.000	50.00	0.0	0.0	580.00	785.80	791.40	791.40	9.65	1189.84	1227.43	76.19	0.78
	6740.000	37.00	793.60	791.00	154.00	785.80	789.05	0.0	8.04	1194.58	1207.62	22.04	0.0
	6740.000	37.00	793.60	791.00	295.00	785.80	793.12	0.0	2.36	1186.36	1245.74	161.51	4.08
	6740.000	37.00	793.60	791.00	376.00	785.80	794.30	0.0	1.90	1172.38	1263.41	251.06	1.18
	6740.000	37.00	793.60	791.00	580.00	785.80	795.05	0.0	2.24	1150.61	1205.01	334.73	0.75
*	6790.000	50.00	0.0	0.0	154.00	787.70	791.02	791.02	7.09	1149.81	1163.70	21.73	0.0
	6790.000	50.00	0.0	0.0	295.00	787.70	792.90	0.0	5.23	1145.85	1177.87	61.07	1.88
	6790.000	50.00	0.0	0.0	376.00	787.70	794.18	0.0	4.09	1143.18	1192.77	112.95	1.28
	6790.000	50.00	0.0	0.0	580.00	787.70	794.87	0.0	4.95	1141.73	1201.27	150.69	0.69
*	6840.000	50.00	0.0	0.0	154.00	789.60	792.90	792.90	7.18	1149.85	1163.65	21.45	0.0
*I	6840.000	50.00	0.0	0.0	295.00	789.60	793.81	793.81	8.20	1147.94	1166.16	35.98	0.91
*	6840.000	50.00	0.0	0.0	376.00	789.60	794.25	794.25	8.49	1147.02	1171.32	45.33	0.44
*	6840.000	50.00	0.0	0.0	580.00	789.60	795.15	795.15	8.97	1145.14	1181.80	72.60	0.89

SUMMARY OF ERRORS

CAUTION SECNO= 1075.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1075.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1075.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1075.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1075.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION	SECNO= 6653.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6653.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6653.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6653.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6653.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6653.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6653.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6653.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6653.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6653.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6653.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6653.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6703.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6703.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6703.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6703.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6703.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6703.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6703.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6703.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6703.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6703.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6703.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6703.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6790.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6790.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6790.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6840.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6840.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6840.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6840.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6840.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6840.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6840.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6840.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6840.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 6840.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 6840.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 6840.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL

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:		
		10c	2c	0.2c
325.000	0.	-0.9	-0.3	0.6
1025.000	700.	-1.1	-0.3	0.6
1075.000	750.	-1.4	-0.3	0.6
1125.000	800.	-0.9	-0.2	0.5
1178.000	853.	-6.4	-5.7	0.5
1228.000	903.	-5.9	-4.8	0.5
1278.000	953.	-5.0	-4.0	0.5
1500.000	1175.	-1.5	-0.4	0.6
2000.000	1675.	-1.1	-0.3	0.7
2500.000	2175.	-1.3	-0.4	0.7
3103.000	2778.	-0.8	-0.2	0.5
5203.000	4878.	-1.7	-0.6	0.9
5353.000	5028.	-1.7	-0.6	0.9
5403.000	5078.	-1.0	-0.3	0.5
5445.000	5120.	-0.4	-0.1	0.2
5495.000	5170.	-0.4	-0.1	0.2
5645.000	5320.	-1.4	-0.6	0.9
6153.000	5828.	-1.3	-0.3	0.8
6203.000	5878.	-1.3	-0.4	0.7
6253.000	5928.	-1.0	-0.3	0.6
6326.000	6001.	-1.0	-0.3	6.4
6376.000	6051.	-1.0	-0.3	5.7
6426.000	6101.	-1.0	-0.3	5.6
6603.000	6278.	-1.4	-0.4	2.0
6653.000	6328.	-1.4	-0.4	0.9
6703.000	6378.	-1.6	-0.4	0.8
6740.000	6415.	-5.3	-1.2	0.7
6790.000	6465.	-3.2	-1.3	0.7
6840.000	6515.	-1.4	-0.4	0.9
WEIGHTED AVG FOR REACH		-1.4	-0.5	0.9

FHF FOR THE REACH = 0.15 WITH 88.4% OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = A 3

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

EJ

KEZIAH

RMAKG1

16-PAGES

751-LINES

0-PLOTS # RTI.A25.P03078

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