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THOMASVILLE, N.C.
STREAM 3BT

123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901

PROGRAMMER=KEZIAH ACCOUNT=RTI.A25.P03078

JOB TURN-AROUND		JOB PARAMETERS		TIME USED INCLUDES		MISC. JOB VALUES	
DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT		
ENTERED	7/12/77 13:44:56.3	TIME	2:00.0	0:16.8	CPU	0:05.6	LINES IN 66
EXECUTED	7/12/77 17:52:14.4	PAGES	200	15	UR EXCPS	960	0:05.9
RETURNED	7/13/77 14:17:49.1	CARDS	0	0	DISK EXCPS	467	0:09.3
JOB ENTERED ON TUESDAY		PLOTS	0	0	TAPE READ-WRITE	0:00.0	MEMORY TIME 8390 K-SEC
					TAPE FILE SEARCH	0:00.0	PRIORITY 00
							APPROX. COST \$3.57

J O B C O N S O L E L O G

N 17.51.30 JOB 6 -- RMK3BT -- JCL INTERPRETED, TUCO CPU #2
N 17.52.14 JOB 6 -- RMK3BT -- BEGINNING EXEC - INIT 2 - CLASS
L*17.52.14 JOB 6 +++ ++S=068,T=02,J=RMK3BT 17:52:14 KEZIAH
N 17.59.23 JOB 6 END EXECUTION.

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

C
 T1 THOMASVILLE-DAVIDSON CO. STRM 38T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-1.	2.	0.	0.	0.042000	0.0	0.0	0.	848.100	0.0
J2	NPROF	IPLOT	PRFVS	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
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
NT	5.000	86.000	189.000	252.000	422.000	252.000	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
XJ	225.000	11.000	1243.000	1262.000	225.000	225.000	225.000	0.0	0.0	0.0
GR	859.000	1000.000	853.500	1100.000	849.100	1200.000	845.100	1243.000	843.100	1242.000
GR	843.100	1249.000	845.200	1262.000	845.400	1300.000	847.000	1400.000	852.600	1500.000
GR	859.000	1559.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JT	5.000	79.000	172.000	230.000	367.000	230.000	0.0	0.0	0.0	0.0
XI	750.000	10.000	1214.000	1224.000	525.000	525.000	525.000	0.0	-5.900	0.0
GR	878.000	1000.000	869.500	1100.000	863.700	1200.000	862.900	1214.000	861.200	1217.000
GR	861.200	1219.000	863.400	1224.000	866.500	1300.000	875.800	1400.000	878.000	1420.000
XI	800.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.300	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
XI	850.000	17.000	1301.500	1304.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	881.400	1000.000	874.700	1085.000	866.200	1185.000	860.400	1285.000	859.600	1299.000
GR	859.400	1301.500	858.300	1302.000	857.900	1303.000	858.300	1304.000	859.400	1304.500
GR	860.100	1309.000	863.500	1385.000	872.500	1485.000	872.600	1496.000	874.400	1500.000
GR	878.800	1600.000	881.100	1700.000	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	7.100	0.0	0.0	0.0

0.04 1.14 6.00 0.0 0.055 0.055 0.055 0.033 861.20 1207.10
 0.015473 50. 50. 50. 20 5 0 0.0 16.65 1223.76

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

T1 THOMASVILLE-DAVIDSON CO. STRM 38T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	EQ
	-10.	3.	0.	0.	0.042000	0.0	0.0	0.	849.100	0.0
J2	NPROF	IPLOT	PRFVS	EXSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 2

CCHV= 0.100 CEHV= 0.300
 *SECNO 225.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	GLUSS	BANK ELEV
0	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
225.00	2.54	845.64	845.64	849.10	846.05	0.41	0.0	0.0	845.10
189.	2.	171.	17.	2.	32.	14.	0.	0.	845.20
0.0	1.05	5.42	1.15	0.055	0.035	0.055	0.0	845.10	1237.24
0.008740	225.	225.	225.	0	15	0	0.0	77.48	1314.72

*SECNO 750.000

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

3665 20 TRIALS ATTEMPTED WSEL,CHSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

750.00	2.94	858.24	858.24	0.0	858.74	0.50	4.67	0.03	857.00
172.	29.	135.	8.	13.	21.	6.	1.	1.	857.50
0.03	2.12	6.33	1.33	0.055	0.035	0.055	0.035	855.30	1192.39
0.009078	525.	525.	525.	20	8	0	0.0	48.18	1240.57

*SECNO 800.000

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

0.21 0.38 0.93 0.35 0.055 0.035 0.055 0.033 851.20 1137.86
 0.000059 50. 50. 50. 0 0 0 0.0 167.74 1309.60

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

T1 THOMASVILLE-DAVIDSON CO. STRM 38T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.042000	0.0	0.0	0.	851.100	0.0
J2	NPROF	IPLT	PRFS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 225.000

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

3720 CRITICAL DEPTH ASSUMED

225.00	2.75	845.85	845.85	851.10	846.29	0.44	0.0	0.0	845.10
252.	4.	208.	41.	3.	36.	27.	0.	0.	845.20
0.0	1.30	5.84	1.51	0.055	0.035	0.055	0.0	845.10	1234.98
0.008666	225.	225.	225.	0	22	0	0.0	92.89	1327.87

*SECNO 750.000

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

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

750.00	3.19	858.49	858.49	0.0	859.04	0.55	4.69	0.03	857.00
230.	48.	164.	18.	19.	24.	11.	1.	1.	857.50
0.03	2.44	6.88	1.63	0.055	0.035	0.055	0.035	855.30	1188.02
0.009231	525.	525.	525.	20	11	0	0.0	58.22	1246.24

*SECNO 800.000

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

0.18 0.45 1.10 0.43 0.055 0.035 0.055 0.033 861.20 1132.65
 0.000075 50. 50. 50. 0 0 0 0.0 176.31 1308.96

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

T1 THOMASVILLE-DAVIDSON CO. STRM 3BT
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	5.	0.	0.	0.042000	0.0	0.0	0.	852.100	0.0
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 4

CCHV= 0.100 CEHV= 0.300

*SECNO 225.000

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLUSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL	DEPTH	ASSUMED						
225.00	3.20	846.30	846.30	852.10	846.75	0.44	0.0	0.0	845.10
422.	13.	262.	127.	8.	44.	64.	0.	0.	845.20
0.0	1.69	6.38	1.99	0.055	0.035	0.055	0.0	845.10	1230.06
0.007726	225.	225.	225.	0	17	0	0.0	126.44	1356.49

*SECNO 750.000

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

3685 20 TRIALS ATTEMPTED WSEL,CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLUSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
750.00	3.70	859.00	859.00	0.0	859.62	0.62	4.46	0.05	857.00
387.	104.	229.	54.	35.	29.	25.	1.	1.	857.50
0.03	2.97	7.91	2.17	0.055	0.035	0.055	0.035	855.30	1179.32
0.009452	525.	525.	525.	20	11	0	0.0	75.21	1257.52

*SECNO 800.000

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

0.13 0.61 1.50 0.62 0.055 0.035 0.055 0.033 861.20 1123.46
 0.000125 50. 50. 50. 0 0 0 0.0 191.42 1314.88

 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	CMSL	CHKWS	VCH	SSTA	ENDST	AREA	DIFWSP
* 225,000	225.00	0.0	0.0	86.00	843.10	844.74	844.74	5.65	1243.54	1259.14	15.23	0.0
* 225,000	225.00	0.0	0.0	189.00	843.10	845.64	845.64	5.42	1237.24	1314.72	47.55	0.90
* 225,000	225.00	0.0	0.0	252.00	843.10	845.85	845.85	5.84	1234.98	1327.87	65.48	0.21
* 225,000	225.00	0.0	0.0	422.00	843.10	846.30	846.30	6.38	1230.06	1356.49	115.71	0.46
* 750,000	525.00	0.0	0.0	79.00	855.30	857.39	857.39	6.00	1207.10	1223.76	14.27	0.0
* 750,000	525.00	0.0	0.0	172.00	855.30	858.24	858.24	6.33	1192.39	1240.57	40.97	0.85
* 750,000	525.00	0.0	0.0	230.00	855.30	858.49	858.49	6.88	1188.02	1246.24	54.45	0.25
* 750,000	525.00	0.0	0.0	387.00	855.30	859.00	859.00	7.91	1179.32	1257.52	88.89	0.50
* 800,000	50.00	0.0	0.0	79.00	856.60	858.69	858.69	6.00	1207.03	1223.76	14.27	0.0
* 800,000	50.00	0.0	0.0	172.00	856.60	859.53	859.53	6.41	1192.66	1240.23	40.23	0.83
* 800,000	50.00	0.0	0.0	230.00	856.60	859.80	859.80	6.84	1187.89	1246.41	54.91	0.28
* 800,000	50.00	0.0	0.0	387.00	856.60	860.31	860.31	7.82	1179.05	1257.97	90.12	0.51
* 850,000	50.00	0.0	0.0	79.00	857.90	860.47	860.47	5.72	1283.87	1317.17	20.03	0.0
* 850,000	50.00	0.0	0.0	172.00	857.90	860.87	860.87	6.74	1276.83	1326.30	36.93	0.41
* 850,000	50.00	0.0	0.0	230.00	857.90	861.05	861.05	7.15	1273.76	1330.28	46.36	0.19
* 850,000	50.00	0.0	0.0	387.00	857.90	861.48	861.48	7.45	1266.44	1339.77	73.94	0.42
910,000	60.00	866.40	860.90	79.00	857.90	860.47	0.0	5.69	1283.83	1317.23	20.12	0.0
910,000	60.00	866.40	860.90	172.00	857.90	867.30	0.0	0.18	1172.00	1427.27	1089.12	6.84
910,000	60.00	866.40	860.90	230.00	857.90	867.61	0.0	0.22	1150.44	1430.64	1167.38	0.30
910,000	60.00	866.40	860.90	387.00	857.90	868.14	0.0	0.33	1162.15	1436.58	1310.84	0.53
* 960,000	50.00	0.0	0.0	79.00	859.90	862.00	862.00	5.98	1207.04	1223.77	14.33	0.0
* 960,000	50.00	0.0	0.0	172.00	859.90	867.30	0.0	0.57	1115.45	1320.05	631.96	5.51
* 960,000	50.00	0.0	0.0	230.00	859.90	867.61	0.0	0.69	1110.25	1323.40	694.94	0.30
* 960,000	50.00	0.0	0.0	387.00	859.90	868.14	0.0	0.99	1101.07	1329.31	812.45	0.53
* 1010,000	50.00	0.0	0.0	79.00	861.20	863.29	863.29	6.00	1207.10	1223.76	14.26	0.0
* 1010,000	50.00	0.0	0.0	172.00	861.20	867.30	0.0	0.93	1137.86	1305.60	389.94	4.01
* 1010,000	50.00	0.0	0.0	230.00	861.20	867.60	0.0	1.10	1132.65	1308.96	441.93	0.50
* 1010,000	50.00	0.0	0.0	387.00	861.20	868.14	0.0	1.50	1123.46	1314.88	539.97	0.53

SUMMARY OF ERRORS

CAUTION SECNO= 225,000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION	SECNO=	225,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	225,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	225,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	750,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	750,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	750,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	750,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	750,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	750,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	750,000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	750,000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	750,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	750,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	750,000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	800,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	800,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	800,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	800,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	800,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	800,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	800,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	800,000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	800,000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	800,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	800,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	800,000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	850,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	850,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	850,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	850,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	850,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	850,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	850,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	850,000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	850,000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	850,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	850,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	850,000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	960,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	960,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	960,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1010,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1010,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1010,000	PROFILE=	1	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
225.000	0.	-1.1	-0.2	0.5
750.000	525.	-1.1	-0.3	0.5
800.000	575.	-1.1	-0.3	0.5
850.000	625.	-0.6	-0.2	0.4
910.000	685.	-7.1	-0.3	0.5
960.000	735.	-5.6	-0.3	0.5
1010.000	785.	-4.3	-0.3	0.5
WEIGHTED AVG FOR REACH		-1.9	-0.2	0.5

FHF FOR THE REACH = 020 WITH 0.00 OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = A 4

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10C	1C	DIFF.			
	0.					SEC. 225.000	
1	100.	845.9	847.1	-1.1	-1.1	010	100.
2	200.	848.4	849.5	-1.1	-1.1	010	100.
3	300.	850.8	851.9	-1.1	-1.1	010	100.
4	400.	853.2	854.3	-1.1	-1.1	010	100.
5	500.	855.6	856.7	-1.1	-1.1	010	100.
	525.					SEC. 750.000	
	575.					SEC. 800.000	
6	600.	859.1	860.1	-1.0	-1.1	010	100.
	625.					SEC. 850.000	
	685.					SEC. 910.000	
7	700.	860.7	867.6	-6.9	-1.9	020	0.
	735.					SEC. 960.000	
	785.					SEC. 1010.000	

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 6 7 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

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

EU

MADE IN U.S.A.