

PROFILE
 DAVIDSON Co.
 BASIN I
 STREAM 34
 EASTER CREEK

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PROGRAMMER=MAK ACCOUNT=RTI.A25.P03078

JOB TURN-AROUND		JOB PARAMETERS		TIME USED INCLUDES			MISC. JOB VALUES		
DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT				
ENTERED	10/20/77 11:46:35.0	TIME	2:00.0	0:23.9	CPU	0:06.9	LINES IN	134	
EXECUTED	10/20/77 11:47:48.4	PAGES	100	29	UR EXCPS	1823	0:07.3	LINES OUT	1603
RETURNED	10/20/77 16:04:02.2	CARDS	0	0	DISK EXCPS	485	0:09.7	MEMORY TIME	11965 K-SEC
JOB ENTERED ON THURSDAY		PLOTS	0	0	TAPE READ-WRITE	0:00.0	PRIORITY	01	
					TAPE FILE SEARCH	0:00.0	APPROX. COST	\$7.46	

JOB CONSOLE LOG

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W 11.47.44 JOB 307 -- RMKI34 -- JCL INTERPRETED, TUCC CPU #2
M 11.47.48 JOB 307 -- RMKI34 -- BEGINNING EXEC - INIT 2 - CLASS
L*11.47.48 JOB 307 +++++S=255,T=02,J=RMKI34 11:47:48 MAK
Q 11.48.32 JOB 307 END EXECUTION.
  
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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN I STRM 34 EASTER CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-S JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1.	2.	0.	0.	0.005000	0.0	0.0	0.	716.600	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	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
BT	5.000	660.000	1190.000	1420.000	2050.000	1420.000	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	900.000	11.000	1188.000	1200.000	900.000	900.000	900.000	900.000	0.0	0.0
GR	734.400	1000.000	724.200	1100.000	718.400	1175.000	718.200	1188.000	712.000	1190.000
GR	711.600	1192.000	712.200	1194.000	718.300	1200.000	717.500	1300.000	717.400	1314.000
GR	734.200	1364.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	5.000	650.000	1180.000	1410.000	2030.000	1410.000	0.0	0.0	0.0	0.0
X1	2240.000	19.000	1559.000	1596.000	1340.000	1340.000	1340.000	1340.000	0.0	0.0
GR	739.700	1000.000	724.000	1071.000	725.000	1100.000	723.000	1200.000	722.400	1300.000
GR	721.900	1400.000	724.200	1500.000	723.800	1559.000	717.500	1570.000	714.500	1571.000
GR	717.700	1573.000	724.600	1596.000	724.500	1600.000	723.700	1700.000	723.900	1750.000
GR	725.500	1800.000	727.800	1900.000	736.400	2000.000	739.600	2056.000	0.0	0.0
IC	0.060	0.060	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2290.000	21.000	1516.000	1545.000	50.000	50.000	50.000	50.000	0.0	0.0
GR	742.900	1000.000	737.300	1100.000	733.400	1200.000	730.900	1300.000	728.100	1400.000
GR	727.900	1500.000	728.000	1516.000	722.700	1516.000	722.600	1518.000	717.300	1521.000
GR	716.900	1528.000	717.800	1531.000	718.700	1538.000	722.200	1545.000	728.000	1545.000
GR	727.600	1600.000	727.200	1700.000	727.900	1800.000	731.100	1900.000	736.900	2000.000
GR	742.900	2080.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	1.050	1.500	2.500	0.0	29.000	1.000	210.000	0.0	0.0	0.0

X1	2310.000	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	726.500	727.200	0.0	0.0	0.0	0.0	0.0
BT	14.000	1000.000	742.900	0.0	1100.000	737.300	0.0	1200.000	733.400	0.0
BT	1300.000	730.900	0.0	1400.000	728.100	0.0	1500.000	727.900	0.0	1516.000
BT	728.000	726.500	1545.000	728.000	726.500	1600.000	727.600	0.0	1700.000	727.200
BT	0.0	1800.000	727.900	0.0	1900.000	731.100	0.0	2000.000	736.900	0.0
BT	2080.000	742.900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2360.000	19.000	1559.000	1596.000	50.000	50.000	50.000	0.0	0.800	0.0
GR	739.700	1000.000	724.000	1671.000	726.000	1100.000	723.000	1200.000	722.400	1300.000
GR	721.900	1400.000	724.200	1500.000	723.800	1559.000	717.500	1570.000	716.500	1571.000
GR	717.700	1573.000	724.600	1596.000	724.500	1600.000	723.700	1700.000	723.900	1750.000
GR	725.500	1800.000	727.800	1900.000	736.400	2000.000	739.600	2056.000	0.0	0.0
QT	5.000	590.000	1080.000	1300.000	1890.000	1300.000	0.0	0.0	0.0	0.0

X1	4588.000	13.000	1254.000	1276.000	2028.000	2028.000	2028.000	0.0	0.0	0.0
GR	752.700	1000.000	746.300	1100.000	737.200	1200.000	735.200	1254.000	729.100	1263.000
GR	728.600	1267.000	729.300	1272.000	735.000	1276.000	734.800	1300.000	734.700	1400.000
GR	734.600	1433.000	749.700	1500.000	752.700	1519.000	0.0	0.0	0.0	0.0
QT	5.000	536.000	970.000	1184.000	1698.000	1184.000	0.0	0.0	0.0	0.0

X1	5738.000	13.000	1264.000	1289.000	1350.000	1350.000	1350.000	0.0	0.0	0.0
GR	757.700	1000.000	749.300	1100.000	745.000	1200.000	743.000	1264.000	736.000	1275.000
GR	734.500	1279.000	735.900	1283.000	743.900	1289.000	743.700	1300.000	743.900	1400.000
GR	746.800	1458.000	752.200	1500.000	757.700	1574.000	0.0	0.0	0.0	0.0
VC	0.060	0.060	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	5788.000	19.000	1430.000	1449.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	761.100	1000.000	752.700	1080.000	752.500	1100.000	750.300	1200.000	747.600	1300.000
GR	746.100	1400.000	746.100	1430.000	739.900	1430.000	736.500	1438.000	736.100	1440.000
GR	736.000	1446.000	737.000	1447.000	737.000	1449.000	746.100	1449.000	746.100	1500.000
GR	747.800	1600.000	752.200	1700.000	757.400	1800.000	761.100	1875.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	19.000	0.010	139.000	0.0	0.0	0.0

RONO NOSP 1830 MXLCEL 744.3 ROELV 746.1

X1	5812.000	0.0	0.0	0.0	24.000	24.000	24.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	744.300	746.100	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	761.100	0.0	1080.000	752.700	0.0	1100.000	752.500	0.0
BT	1200.000	750.300	0.0	1300.000	747.600	0.0	1400.000	746.100	0.0	1430.000
BT	746.100	744.300	1449.000	746.100	744.300	1500.000	746.100	0.0	1600.000	747.800
BT	0.0	1700.000	752.200	0.0	1800.000	757.400	0.0	1875.000	761.100	0.0
VC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	5362.000	13.000	1264.000	1289.000	50.000	50.000	50.000	0.0	3.000	0.0
GR	757.700	1000.000	749.300	1100.000	745.000	1200.000	743.000	1264.000	736.000	1275.000
GR	734.500	1279.000	735.900	1283.000	743.900	1289.000	743.700	1300.000	743.900	1400.000
GR	746.800	1458.000	752.200	1500.000	757.700	1574.000	0.0	0.0	0.0	0.0

X1	650.100	14.000	1191.000	1205.000	819.000	819.000	819.000	0.0	-9.700	0.0
GR	774.100	1000.000	771.800	1027.000	766.700	1054.000	763.200	1100.000	763.100	1110.000
GR	759.100	1136.000	742.200	1191.000	756.900	1197.000	756.800	1199.000	757.000	1199.000
GR	756.800	1201.000	751.000	1205.000	761.200	1250.000	775.200	1292.000	0.0	0.0

X1	7500.000	0.0	0.0	0.0	819.000	819.000	819.000	0.0	9.700	0.0
QT	5.000	353.000	662.000	823.000	1220.000	823.000	0.0	0.0	0.0	0.0

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50.51.52

T1 DAVIDSON COUNTY BASIN I STRM 34 EASTER CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	3.	0.	0.	0.005000	0.0	0.0	0.	717.600	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	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 CCHV= 0.300
 *SECNO 900.000

SECNO	DEPTH	WSEL	CRJWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROR	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
900.00	8.14	719.74	0.0	717.60	720.12	0.38	0.0	0.0	718.20
1180.	63.	473.	654.	30.	68.	225.	0.	0.	718.30
0.0	2.07	6.98	2.91	0.055	0.035	0.055	0.0	711.60	1157.64
0.005022	900.	900.	900.	0	0	4	0.0	163.33	1320.97

*SECNO 2240.000

3265 DIVIDED FLOW

2240.00	7.51	724.01	0.0	0.0	724.14	0.13	4.00	0.02	723.80
1180.	663.	511.	6.	441.	124.	16.	14.	10.	724.60
0.14	1.50	4.12	0.39	0.055	0.035	0.055	0.035	716.50	1070.97
0.001967	1340.	1340.	1340.	5	0	0	0.0	499.37	1753.34

CCHV= 0.100 CCHV= 0.300
 *SECNO 2290.000

3301 HV CHANGED MORE THAN HVINS

2290.00	6.51	723.41	0.0	0.0	724.67	1.26	0.19	0.34	728.00
1180.	0.	1180.	0.	0.	131.	0.	14.	10.	728.00
0.14	0.0	9.00	0.0	0.060	0.040	0.060	0.035	716.90	1516.00
0.010111	50.	50.	50.	3	0	0	0.0	29.00	1545.00

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
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T1 DAVIDSON COUNTY BASIN I STRM 34 EASTER CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	4.	0.	0.	0.005000	0.0	0.0	0.	719.600	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	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 CCHV= 0.300
 *SECNO 900.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
0	QLOB	QCH	QRQB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	YLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
900.00	8.42	720.02	0.0	719.60	720.40	0.38	0.0	0.0	718.20
1420.	89.	511.	219.	39.	71.	258.	0.	0.	718.30
0.0	2.27	7.19	3.17	0.055	0.035	0.055	0.0	711.60	1154.06
0.004998	900.	900.	900.	0	0	5	0.0	167.74	1321.80

*SECNO 2240.000

3265 DIVIDED FLOW

2240.00	7.75	724.23	0.0	0.0	724.36	0.13	3.93	0.03	723.80
1410.	845.	551.	24.	531.	132.	41.	16.	12.	724.60
0.14	1.57	4.18	0.58	0.055	0.035	0.055	0.035	716.50	1069.97
0.001913	1340.	1340.	1340.	5	0	0	0.0	590.19	1760.27

CCHV= 0.100 CCHV= 0.300
 *SECNO 2290.000

3301 HV CHANGED MORE THAN HVINS

2290.00	6.17	723.07	723.04	0.0	725.17	2.10	0.22	0.59	728.00
1410.	0.	1410.	0.	0.	121.	0.	17.	12.	728.00
0.15	0.0	11.63	0.0	0.060	0.040	0.060	0.035	715.90	1516.00
0.018245	50.	50.	50.	8	15	0	0.0	29.00	1545.00

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T1 DAVIDSON COUNTY BASIN I STRM 34 EASTER CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	5.	0.	0.	0.005000	0.0	0.0	0.	720.600	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

*PROF 4

CCHV= 0.100 CEHV= 0.300
 *SECNO 900.000

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XLN	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
900.00	9.05	720.65	0.0	720.60	721.08	0.42	0.0	0.0	718.20
2050.	172.	610.	1268.	63.	79.	336.	0.	0.	718.30
0.0	2.72	7.75	3.78	0.055	0.035	0.055	0.0	711.60	1145.87
0.005071	900	900.	900.	0	0	3	0.0	177.81	1323.68

*SECNO 2240.000

3245 DIVIDED FLOW

2240.00	8.22	724.72	0.0	0.0	724.83	0.12	3.73	0.03	723.80
2030.	1289.	636.	106.	749.	150.	118.	23.	13.	724.60
0.15	1.72	4.25	0.89	0.055	0.035	0.055	0.035	716.50	1067.76
0.001746	1340.	1340.	1340.	5	0	0	0.0	685.27	1775.50

CCHV= 0.100 CEHV= 0.300
 *SECNO 2290.000

3301 HV CHANGED MORE THAN HVYNS

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

 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	CRIWS	VGH	SSTA	ENDST	AREA	DIFWSP
A 900.000	900.00	n.0	0.0	660.00	711.60	718.97	0.0	6.32	1167.56	1318.69	202.04	0.0
900.000	900.00	n.0	0.0	1190.00	711.60	719.74	0.0	6.98	1157.64	1320.97	322.74	0.77
900.000	900.00	n.0	0.0	1420.00	711.60	720.02	0.0	7.19	1154.06	1321.80	368.56	0.28
900.000	900.00	n.0	0.0	2050.00	711.60	720.65	0.0	7.75	1145.87	1323.68	477.92	0.63
B 2240.000	1340.00	n.0	0.0	650.00	716.50	723.31	0.0	3.89	1184.01	1591.73	326.37	0.0
2240.000	1340.00	n.0	0.0	1180.00	716.50	724.01	0.0	4.12	1070.97	1753.34	581.80	0.69
2240.000	1340.00	n.0	0.0	1410.00	716.50	724.23	0.0	4.18	1069.97	1760.27	703.22	0.22
2240.000	1340.00	n.0	0.0	2030.00	716.50	724.72	0.0	4.25	1067.76	1775.50	1017.35	0.49
2290.000	50.00	n.0	0.0	650.00	716.90	723.26	0.0	5.13	1516.00	1545.00	126.81	0.0
2290.000	50.00	n.0	0.0	1180.00	716.90	723.41	0.0	9.00	1516.00	1545.00	131.08	0.15
2290.000	50.00	n.0	0.0	1410.00	716.90	723.07	723.04	11.63	1516.00	1545.00	121.23	-0.34
* 2290.000	50.00	n.0	0.0	2030.00	716.90	724.21	724.21	13.17	1516.00	1545.00	154.16	1.14
2310.000	20.00	727.20	726.50	650.00	716.90	723.29	0.0	5.09	1516.00	1545.00	127.71	0.0
2310.000	20.00	727.20	726.50	1180.00	716.90	723.62	0.0	8.59	1516.00	1545.00	137.32	0.33
2310.000	20.00	727.20	726.50	1410.00	716.90	723.65	0.0	10.21	1516.00	1545.00	138.14	0.03
2310.000	20.00	727.20	726.50	2030.00	716.90	725.01	0.0	11.43	1516.00	1545.00	177.56	1.36
* 2360.000	50.00	n.0	0.0	650.00	717.30	723.63	723.63	5.98	1228.79	1590.09	187.55	0.0
2360.000	50.00	n.0	0.0	1180.00	717.30	724.92	0.0	3.78	1070.44	1756.98	642.85	1.30
C 2360.000	50.00	n.0	0.0	1410.00	717.30	725.48	0.0	3.03	1067.95	1774.21	989.30	0.55
2360.000	50.00	n.0	0.0	2030.00	717.30	727.26	0.0	1.77	1059.90	1841.54	2304.93	1.78
4388.000	2028.00	n.0	0.0	590.00	728.60	734.60	0.0	7.08	1254.89	1275.72	83.35	0.0
* D 4388.000	2028.00	n.0	0.0	1080.00	728.60	735.60	735.60	7.92	1243.21	1437.44	242.57	1.00
4388.000	2028.00	n.0	0.0	1300.00	728.60	735.89	735.89	8.06	1235.34	1438.73	300.52	0.29
* 4388.000	2028.00	n.0	0.0	1890.00	728.60	736.27	736.27	9.57	1225.13	1440.41	379.64	0.38
E 5738.000	1350.00	n.0	0.0	536.00	734.50	741.51	0.0	6.24	1266.35	1287.21	85.87	0.0
5738.000	1350.00	n.0	0.0	970.00	734.50	743.07	0.0	8.00	1261.87	1288.38	121.29	1.56
5738.000	1350.00	n.0	0.0	1184.00	734.50	743.49	0.0	8.97	1248.30	1288.69	135.48	0.42
* 5738.000	1350.00	n.0	0.0	1698.00	734.50	744.75	744.75	8.71	1208.09	1416.95	324.21	1.26
5788.000	50.00	n.0	0.0	536.00	736.00	741.79	0.0	6.02	1430.00	1449.00	89.06	0.0
5788.000	50.00	n.0	0.0	970.00	736.00	743.36	0.0	8.17	1430.00	1449.00	118.76	1.57
5788.000	50.00	n.0	0.0	1184.00	736.00	743.81	0.0	9.30	1430.00	1449.00	127.36	0.44
5788.000	50.00	n.0	0.0	1698.00	736.00	744.06	0.0	12.85	1430.00	1449.00	132.13	0.25

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
5812.000	24.00	746.10	744.30	536.00	736.00	741.79	0.0	6.02	1430.00	1449.00	89.06	0.0
5812.000	24.00	746.10	744.30	970.00	736.00	743.51	0.0	7.96	1430.00	1449.00	121.78	1.72
5812.000	24.00	746.10	744.30	1184.00	736.00	744.35	0.0	8.60	1430.00	1449.00	137.71	0.84
5812.000	24.00	746.10	744.30	1698.00	736.00	742.41	0.0	16.85	1430.00	1449.00	190.77	-1.94
* 5862.000	50.00	n.0	0.0	536.00	737.50	742.74	742.74	10.17	1269.12	1285.88	52.72	0.0
* 5862.000	50.00	n.0	0.0	970.00	737.50	744.41	744.41	11.57	1266.50	1287.13	83.84	1.66
* 5862.000	50.00	n.0	0.0	1184.00	737.50	745.10	745.10	11.99	1265.41	1287.65	98.76	0.70
* 5862.000	50.00	n.0	0.0	1698.00	737.50	747.73	747.73	8.77	1208.69	1416.58	320.29	2.62
668.100	819.00	n.0	0.0	536.00	747.10	752.15	0.0	6.22	1118.11	1251.96	149.90	0.0
668.100	819.00	n.0	0.0	970.00	747.10	753.05	0.0	6.33	1112.26	1254.65	272.93	0.90
668.100	819.00	n.0	0.0	1184.00	747.10	753.42	0.0	6.38	1108.10	1255.76	325.90	0.36
668.100	819.00	n.0	0.0	1698.00	747.10	753.45	0.0	9.00	1104.95	1255.85	330.60	0.03
* 7500.000	819.00	n.0	0.0	536.00	756.80	761.43	761.43	8.23	1120.88	1250.68	105.50	0.0
* 7500.000	819.00	n.0	0.0	970.00	756.80	762.21	762.21	8.86	1115.78	1253.03	197.21	0.78
* 7500.000	819.00	n.0	0.0	1184.00	756.80	762.38	762.38	9.63	1114.65	1253.55	221.35	0.17
* 7500.000	819.00	n.0	0.0	1698.00	756.80	762.88	762.88	10.34	1111.44	1255.03	291.01	0.49
9162.000	3276.00	n.0	0.0	353.00	761.60	767.81	0.0	2.47	1142.06	1288.98	276.63	0.0
9162.000	3276.00	n.0	0.0	662.00	761.60	768.85	0.0	2.97	1125.79	1315.07	451.93	1.04
9162.000	3276.00	n.0	0.0	823.00	761.60	769.27	0.0	3.14	1119.21	1324.77	534.87	0.42
9162.000	3276.00	n.0	0.0	1220.00	761.60	770.06	0.0	3.54	1106.91	1332.72	705.50	0.78
9212.000	50.00	n.0	0.0	353.00	762.80	767.76	0.0	4.24	1312.49	1404.53	122.73	0.0
9212.000	50.00	n.0	0.0	662.00	762.80	768.83	0.0	4.14	1295.85	1434.89	245.50	1.07
9212.000	50.00	n.0	0.0	823.00	762.80	769.26	0.0	4.09	1289.15	1447.12	369.07	0.43
9212.000	50.00	n.0	0.0	1220.00	762.80	770.05	0.0	4.01	1276.73	1466.16	447.00	0.79
9287.000	75.00	779.90	766.80	353.00	762.80	768.12	0.0	3.37	1306.99	1414.56	157.77	0.0
9287.000	75.00	779.90	766.80	662.00	762.80	770.44	0.0	1.83	1270.74	1474.99	522.36	2.32
9287.000	75.00	779.90	766.80	823.00	762.80	771.77	0.0	1.37	1250.20	1486.26	820.36	1.33
9287.000	75.00	779.90	766.80	1220.00	762.80	775.60	0.0	0.79	1211.91	1504.92	1833.23	3.83
* 9337.000	50.00	n.0	0.0	353.00	764.00	767.79	767.79	7.90	1179.95	1219.85	50.60	0.0
* 9337.000	50.00	n.0	0.0	662.00	764.00	770.34	0.0	4.39	1140.01	1292.72	296.22	2.55
* 9337.000	50.00	n.0	0.0	823.00	764.00	771.74	0.0	3.06	1118.18	1326.29	548.54	1.40
* 9337.000	50.00	n.0	0.0	1220.00	764.00	775.60	0.0	1.57	1072.93	1348.06	1497.42	3.86
10800.000	1463.00	n.0	0.0	353.00	771.00	776.33	0.0	5.25	1096.28	1171.68	106.88	0.0
* 10800.000	1463.00	n.0	0.0	662.00	771.00	776.68	776.68	8.23	1093.84	1176.42	134.25	0.35
* 10800.000	1463.00	n.0	0.0	823.00	771.00	777.00	777.00	8.75	1091.58	1180.84	161.98	0.32
* 10800.000	1463.00	n.0	0.0	1220.00	771.00	777.55	777.55	10.16	1087.71	1188.37	214.23	0.55
* 13000.000	2200.00	n.0	0.0	353.00	801.40	806.47	806.47	9.01	1037.25	1062.38	49.59	0.0
* 13000.000	2200.00	n.0	0.0	662.00	801.40	807.71	807.71	10.79	1033.43	1064.16	84.34	1.24
* 13000.000	2200.00	n.0	0.0	823.00	801.40	808.23	808.23	11.48	1031.83	1064.91	100.95	0.52
* 13000.000	2200.00	n.0	0.0	1220.00	801.40	809.24	809.24	13.07	1028.75	1066.34	136.41	1.00

SUMMARY OF ERRORS

CAUTION SECNO= 2290.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2290.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 2290.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE USE

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		
		10r	20	0.20
900.000	0.	-1.0	-0.3	0.6
2240.000	1340.	-0.9	-0.2	0.5
2290.000	1390.	0.2	0.3	1.1
2310.000	1410.	-0.4	-0.0	1.4
2360.000	1460.	-1.9	-0.6	1.8
4388.000	3488.	-1.3	-0.3	0.4
5738.000	4838.	-2.0	-0.4	1.3
5788.000	4888.	-2.0	-0.4	0.2
5812.000	4912.	-2.6	-0.8	-1.9
5862.000	4962.	-2.4	-0.7	2.6
668.100	5781.	-1.3	-0.4	0.0
7500.000	6600.	-1.0	-0.2	0.5
9162.000	9876.	-1.5	-0.4	0.8
9212.000	9926.	-1.5	-0.4	0.8
9287.000	10001.	-3.6	-1.3	3.8
9337.000	10051.	-3.9	-1.4	3.9
10800.000	11514.	-0.7	-0.3	0.6
13000.000	13714.	-1.8	-0.5	1.0

WEIGHTED AVG FOR REACH		-1.5	-0.4	0.9

FHF FOR THE REACH = 0.15 WITH 87.0% OF THE REACH WITHIN 0.5 FEET
 ZONE FOR THE REACH = A 3


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BASIN I, STREAM 34
EASTER CREEK

FLOODWAY

PROGRAMMER=MAK ACCOUNT=RTI.A25.P03078

JOB TURN-AROUND			JOB PARAMETERS			TIME USED INCLUDES		MISC. JOB VALUES	
	DATE	TIME		SPECIFIED	USED	NO.	EQUIVALENT		
ENTERED	10/20/77	13:46:36.9	TIME	2:00.0	0:17.6	CPU	0:03.9	LINES IN	125
EXECUTED	10/20/77	13:46:09.2	PAGES	100	20	UR EXCPS	0:04.9	LINES OUT	1007
RETURNED	10/20/77	16:26:53.4	CARDS	0	0	DISK EXCPS	0:08.8	MEMORY TIME	8810 K-SEC
JOB ENTERED ON THURSDAY			PLOTS	0	0	TAPE READ-WRITE	0:00.0	PRIORITY	01
						TAPE FILE SEARCH	0:00.0	APPROX. COST	\$5.21

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

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N 13.46.05 JOB 101 -- RKI34F -- JCL INTERPRETED, TUCC CPU #2
N 13.46.08 JOB 101 -- RKI34F -- BEGINNING EXEC - INIT 4 - CLASS
L*13.46.09 JOB 101 +++++S=255,T=02,J=RKI34F 13:46:09 MAK
V 13.46.23 JOB 101 END EXECUTION.

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

C
 T1 DAVIDSON COUNTY BASIN I STRM 34 EASTER CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE



J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FG
	-1.	4.	0.	0.	0.0	0.0	0.0	0.	720.020	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	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	200.000	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
QT	5.000	660.000	1190.000	1420.000	2050.000	1420.000	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	900.000	11.000	1188.000	1200.000	900.000	900.000	900.000	0.0	0.0	0.0
GR	734.400	1000.000	724.200	1100.000	718.400	1175.000	718.200	1188.000	712.000	1190.000
GR	711.600	1192.000	712.200	1194.000	718.300	1200.000	717.500	1300.000	717.400	1314.000
GR	734.200	1364.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	650.000	1180.000	1410.000	2030.000	1410.000	0.0	0.0	0.0	0.0
X1	2240.000	17.000	1559.000	1596.000	1340.000	1340.000	1340.000	0.0	0.0	0.0
GR	739.700	1000.000	724.000	1071.000	725.000	1100.000	723.000	1200.000	722.400	1300.000
GR	721.900	1400.000	724.200	1500.000	723.800	1559.000	717.500	1570.000	716.500	1571.000
GR	717.700	1573.000	724.600	1596.000	724.500	1600.000	723.700	1700.000	723.900	1750.000
GR	725.500	1800.000	727.800	1900.000	736.400	2000.000	739.600	2056.000	0.0	0.0
NC	0.060	0.060	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2290.000	21.000	1516.000	1545.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	742.900	1000.000	737.300	1100.000	733.400	1200.000	730.900	1300.000	728.100	1400.000
GR	727.900	1500.000	728.000	1516.000	722.700	1516.000	722.600	1518.000	717.300	1521.000
GR	716.900	1528.000	717.800	1531.000	718.700	1538.000	722.200	1545.000	728.000	1545.000
GR	727.600	1600.000	727.200	1700.000	727.900	1800.000	731.100	1900.000	736.900	2000.000
GR	742.900	2080.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	1.050	1.500	2.500	0.0	29.000	1.000	210.000	0.0	0.0	0.0

X1	2310.000	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	726.500	727.200	0.0	0.0	0.0	0.0	0.0
BT	14.000	1000.000	742.900	0.0	1100.000	737.300	0.0	1200.000	733.400	0.0
BT	1300.000	730.900	0.0	1400.000	728.100	0.0	1500.000	727.900	0.0	1516.000
BT	728.000	726.500	1505.000	728.000	726.500	1600.000	727.600	0.0	1700.000	727.200
BT	0.0	1800.000	727.900	0.0	1900.000	731.100	0.0	2000.000	736.900	0.0
BT	2080.000	742.900	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	2360.000	19.000	1559.000	1596.000	50.000	50.000	50.000	0.0	0.800	0.0
GR	739.700	1000.000	724.000	1071.000	725.000	1100.000	723.000	1200.000	722.400	1300.000
GR	721.900	1400.000	724.200	1500.000	723.800	1559.000	717.500	1570.000	716.500	1571.000
GR	717.700	1573.000	724.600	1596.000	724.500	1600.000	723.700	1700.000	723.900	1750.000
GR	725.500	1800.000	727.800	1900.000	736.400	2000.000	739.600	2056.000	0.0	0.0
QT	5.000	590.000	1080.000	1300.000	1890.000	1300.000	0.0	0.0	0.0	0.0

X1	4388.000	13.000	1254.000	1276.000	2028.000	2028.000	2028.000	0.0	0.0	0.0
GR	752.700	1000.000	746.300	1100.000	737.200	1200.000	735.200	1254.000	729.100	1263.000
GR	728.600	1267.000	729.300	1272.000	735.000	1276.000	734.800	1300.000	734.700	1400.000
GR	734.600	1433.000	749.700	1500.000	752.700	1519.000	0.0	0.0	0.0	0.0
QT	5.000	536.000	970.000	1184.000	1698.000	1184.000	0.0	0.0	0.0	0.0

↑ detailed
↓ modified

X1	5738.000	13.000	1264.000	1289.000	1350.000	1350.000	1350.000	0.0	0.0	0.0
GR	757.700	1000.000	749.300	1100.000	745.000	1200.000	743.000	1264.000	736.000	1275.000
GR	734.500	1279.000	735.900	1283.000	743.900	1289.000	743.700	1300.000	743.900	1400.000
GR	746.800	1458.000	752.200	1500.000	757.700	1574.000	0.0	0.0	0.0	0.0
NC	0.060	0.060	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0

E

X1	5788.000	19.000	1430.000	1449.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	761.100	1000.000	752.700	1080.000	752.500	1100.000	750.300	1200.000	747.600	1300.000
GR	746.100	1400.000	746.100	1430.000	739.900	1430.000	736.500	1438.000	736.100	1440.000
GR	736.000	1446.000	737.000	1447.000	737.000	1449.000	746.100	1449.000	746.100	1500.000
GR	747.800	1600.000	752.200	1700.000	757.400	1800.000	761.100	1875.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	19.000	0.010	130.000	0.0	0.0	0.0

RDNn NCSR 183n MXLCEL 744.3 RDELV 746.1

X1	5812.000	0.0	0.0	0.0	24.000	24.000	24.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	744.300	746.100	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	761.100	0.0	1080.000	752.700	0.0	1100.000	752.500	0.0
BT	1200.000	750.300	0.0	1300.000	747.600	0.0	1400.000	746.100	0.0	1430.000
BT	746.100	744.300	1449.000	746.100	744.300	1500.000	746.100	0.0	1600.000	747.800
BT	0.0	1700.000	752.200	0.0	1800.000	757.400	0.0	1875.000	761.100	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	5862.000	13.000	1264.000	1289.000	50.000	50.000	50.000	0.0	3.000	0.0
GR	757.700	1000.000	749.300	1100.000	745.000	1200.000	743.000	1264.000	736.000	1275.000
GR	734.500	1279.000	735.900	1283.000	743.900	1289.000	743.700	1300.000	743.900	1400.000
GR	746.800	1458.000	752.200	1500.000	757.700	1574.000	0.0	0.0	0.0	0.0

X1	668.100	14.000	1191.000	1205.000	819.000	819.000	819.000	0.0	-9.700	0.0
GR	774.100	1000.000	771.800	1027.000	766.700	1054.000	763.200	1100.000	763.100	1110.000
GR	759.100	1136.000	762.200	1191.000	756.900	1197.000	756.800	1199.000	757.000	1199.000
GR	756.800	1201.000	761.900	1205.000	761.200	1250.000	775.200	1292.000	0.0	0.0

G

X1	7500.000	0.0	0.0	0.0	819.000	819.000	819.000	0.0	9.700	0.0
QT	5.000	353.000	662.000	823.000	1220.000	823.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	5.000	0.0	0.0	0.0	0.0

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

T1 DAVIDSON COUNTY BASIN I STRM 34 EASTER CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	6.	0.	0.	0.0	0.0	0.0	0.	721.020	0.0
J2	NPROF	IPLT	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

*PROF 2

CCHV= 0.100 CEHV= 0.300
 *SECNO 900.000
 2800 NAT Q1= 200.93 WSEL= 720.02 ENC Q1= 200.93 WSEL= 721.02 RATIO= 0.0
 NAT Q1= 346. RATIOS LOB,CH,ROB= 0.0953 0.2712 0.6335 WSEL= 721.02

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

3470 ENCROACHMENT STATIONS=	1176.7	1258.8	TYPE=	4	TARGET=	0.419
900.00	9.42	721.02	0.0	720.02	721.59	0.57
1420.	100.	662.	658.	31.	83.	174.
0.0	3.24	7.96	3.79	0.055	0.035	0.055
0.004979	900.	900.	900.	0	0	0

*SECNO 2240.000
 2800 NAT Q1= 321.80 WSEL= 724.23 ENC Q1= 321.80 WSEL= 725.23 RATIO= 0.0
 NAT Q1= 716. RATIOS LOR,CH,ROB= 0.6522 0.2590 0.0889 WSEL= 725.23

3470 ENCROACHMENT STATIONS=	1399.5	1661.6	TYPE=	4	TARGET=	0.551
2240.00	8.75	725.25	0.0	724.23	725.47	0.22
1410.	533.	805.	73.	295.	169.	64.
0.11	1.80	4.75	1.13	0.055	0.035	0.055
0.001852	1340.	1340.	1340.	4	0	0

CCHV= 0.100 CEHV= 0.300
 *SECNO 2290.000

IHC209I IBCOM - PROGRAM INTERRUPT (P) - DIVIDE CHECK OLD PSW IS FFE5000F42CED492 . REGISTER CONTAINED 0000000000000000

TRACEBACK ROUTINE CALLED FROM JSN REG. 14 REG. 15 REG. 0 REG. 1

 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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
900.000	900.00	n.0	0.0	1420.00	711.60	720.02	0.0	7.19	1154.05	1321.80	368.67	0.0
900.000	900.00	n.0	0.0	1420.00	711.60	721.02	0.0	7.96	1176.71	1258.77	287.67	1.00
B 2240.000	1340.00	n.0	0.0	1410.00	716.50	724.23	0.0	4.18	1069.97	1760.27	703.11	0.0
2240.000	1340.00	n.0	0.0	1410.00	716.50	725.25	0.0	4.75	1399.50	1661.65	528.79	1.02
2290.000	50.00	n.0	0.0	1410.00	716.90	723.07	723.04	11.63	1516.00	1545.00	121.22	0.0
2290.000	50.00	n.0	0.0	1410.00	716.90	724.83	0.0	8.19	1516.00	1545.00	172.22	1.76
2310.000	20.00	727.20	726.50	1410.00	716.90	723.65	0.0	10.21	1516.00	1545.00	138.14	0.0
2310.000	20.00	727.20	726.50	1410.00	716.90	724.65	0.0	8.44	1516.00	1545.00	167.14	1.00
C 2360.000	50.00	n.0	0.0	1410.00	717.30	725.48	0.0	3.03	1067.95	1774.22	989.47	0.0
2360.000	50.00	n.0	0.0	1410.00	717.30	725.92	0.0	4.55	1391.45	1671.85	563.01	0.45
*D 4388.000	2028.00	n.0	0.0	1300.00	728.60	735.89	735.89	8.06	1235.33	1438.73	300.57	0.0
4388.000	2028.00	n.0	0.0	1300.00	728.60	735.84	735.84	11.46	1252.83	1290.69	124.36	-0.05
5738.000	1350.00	n.0	0.0	1184.00	734.50	743.49	0.0	8.97	1248.32	1288.69	135.46	0.0
5738.000	1350.00	n.0	0.0	1184.00	734.50	744.95	0.0	7.05	1264.00	1289.00	168.02	1.46
5788.000	50.00	n.0	0.0	1184.00	736.00	743.81	0.0	9.30	1430.00	1449.00	127.36	0.0
5788.000	50.00	n.0	0.0	1184.00	736.00	745.04	0.0	7.86	1430.00	1449.00	150.72	1.23
5812.000	24.00	746.10	744.30	1184.00	736.00	744.35	0.0	8.60	1430.00	1449.00	137.69	0.0
5812.000	24.00	999999.00	0.0	1184.00	736.00	745.58	0.0	7.35	1430.00	1449.00	161.01	1.23
* 5862.000	50.00	n.0	0.0	1184.00	737.50	745.10	745.10	11.99	1265.41	1297.65	98.75	0.0
* 5862.000	50.00	n.0	0.0	1184.00	737.50	745.08	745.08	12.07	1265.45	1287.63	98.12	-0.03
668.100	819.00	n.0	0.0	1184.00	747.10	753.42	0.0	6.38	1108.09	1255.76	325.91	0.0
668.100	819.00	n.0	0.0	1184.00	747.10	754.16	0.0	7.93	1150.13	1228.65	237.68	0.75
* 7500.000	819.00	n.0	0.0	1184.00	756.80	762.39	762.39	9.61	1114.63	1253.56	221.82	0.0
* 7500.000	819.00	n.0	0.0	1184.00	756.80	763.58	763.58	10.53	1158.33	1221.95	173.77	1.19
9162.000	3276.00	n.0	0.0	823.00	761.60	769.26	0.0	3.14	1119.21	1324.77	534.89	0.0
9162.000	3276.00	n.0	0.0	823.00	761.60	770.00	0.0	3.13	1161.31	1249.39	430.38	0.73

DETAIL

MOON

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENOST	AREA	DIFWSP
9212.000	50.00	0.0	0.0	823.00	762.80	769.25	0.0	4.11	1289.30	1446.83	307.48	0.0
9212.000	50.00	0.0	0.0	823.00	762.80	769.95	0.0	4.16	1322.88	1380.78	235.22	0.70
9287.000	75.00	779.90	766.80	823.00	762.80	771.76	0.0	1.37	1250.30	1486.21	817.97	0.0
9287.000	75.00	999999.00	0.0	823.00	762.80	772.46	0.0	1.36	1299.24	1427.84	710.01	0.70
9337.000	50.00	0.0	0.0	823.00	764.00	771.73	0.0	3.07	1118.34	1326.05	546.36	0.0
9337.000	50.00	0.0	0.0	823.00	764.00	772.42	0.0	3.10	1161.00	1250.14	435.11	0.69
* 10800.000	1463.00	0.0	0.0	823.00	771.00	777.00	777.00	8.75	1091.57	1160.84	162.02	0.0
* 10800.000	1463.00	0.0	0.0	823.00	771.00	776.96	776.96	10.99	1121.29	1154.97	99.45	0.04
* 13000.000	2200.00	0.0	0.0	823.00	801.40	808.23	808.23	11.48	1031.83	1064.91	100.95	0.0
* 13000.000	2200.00	0.0	0.0	823.00	801.40	808.32	808.32	13.29	1042.87	1060.63	78.01	0.09

SUMMARY OF ERRORS

CAUTION SECNO= 4388.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 4388.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 4388.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 4388.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 4388.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 4388.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 5862.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5862.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 5862.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 5862.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5862.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 7500.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7500.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 7500.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 7500.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7500.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO=10800.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10800.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10800.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=10800.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=10800.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=10800.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=13000.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=13000.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=13000.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=13000.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION	
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY
A 900.000	82.	288.	4.9	721.0	720.0
22240.000	262.	529.	2.7	725.2	724.2
2290.000	29.	172.	8.2	724.9	723.1
2310.000	29.	167.	8.4	724.7	723.7
2360.000	290.	563.	2.5	725.9	725.5
4388.000	38. 204	124. 301	10.5 4.3	735.9	735.9
5738.000	25.	168.	7.0	745.0	743.5
5788.000	19.	151.	7.9	745.0	743.8
5812.000	19.	161.	7.4	745.6	744.4
5862.000	22.	98.	12.1	745.1	745.1
668.100	79.	238.	5.0	754.1	753.4
7500.000	64.	174.	6.8	763.6	762.4
9162.000	88.	430.	1.9	770.0	769.3
9212.000	58.	235.	3.5	770.0	769.3
9287.000	129.	710.	1.2	772.5	771.8
9337.000	89.	435.	1.9	772.4	771.7
10800.000	33.	99.	8.3	777.0	777.0
13000.000	18.	78.	10.6	808.3	808.2

C. modified