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

C
 T1 THOMASVILLE-DAVIDSON CO. STREAM 29T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO	
	-1.	2.	0.	0.	0.064000	0.0	0.0	0.	773,000	0.0	
J2	NPROF	IPL0T	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	
OT	5.000	273.000	509.000	635.000	947.000	635.000	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	201.000	13.000	1188.000	1198.000	201.000	201.000	201.000	201.000	0.0	-0.200	0.0
GR	788.800	1000.000	784.900	1100.000	784.700	1104.000	775.900	1118.000	774.400	1188.000	
GR	770.400	1190.000	770.000	1193.000	770.500	1196.000	774.200	1198.000	774.300	1200.000	
GR	776.800	1230.000	785.600	1300.000	788.700	1352.000	0.0	0.0	0.0	0.0	
X1	251.000	0.0	0.0	0.0	50.000	50.000	50.000	50.000	0.0	0.200	0.0
JC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0	
X1	301.000	18.000	1261.000	1265.000	50.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	788.900	1000.000	783.100	1100.000	779.200	1182.000	776.100	1188.000	774.600	1258.000	
GR	772.000	1261.000	771.000	1261.400	770.500	1262.000	770.200	1263.000	770.500	1264.000	
GR	771.000	1264.600	772.000	1265.000	777.400	1268.000	774.500	1270.000	777.000	1300.000	
GR	779.100	1317.000	784.400	1400.000	788.900	1469.000	0.0	0.0	0.0	0.0	
SB	0.900	1.500	2.500	0.0	4.000	0.010	12.600	0.0	0.0	0.0	
X1	348.000	0.0	0.0	0.0	47.000	47.000	47.000	47.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	774.200	0.0	0.0	0.0	0.0	0.0	0.0	
BT	13.000	1000.000	788.900	0.0	1100.000	783.100	0.0	1200.000	778.200	0.0	
BT	1261.000	777.200	772.000	1261.400	777.200	773.400	1262.000	777.200	773.900	1263.000	
BT	777.200	774.200	1264.000	777.200	773.900	1264.600	777.200	773.400	1265.000	777.200	
BT	772.000	1300.000	778.000	0.0	1400.000	784.400	0.0	1469.000	788.900	0.0	
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0	

X1	398.000	13.000	1188.000	1198.000	50.000	50.000	50.000	0.0	0.400	0.0
GR	788.800	1000.000	784.900	1100.000	784.700	1104.000	775.900	1118.000	774.400	1188.000
GP	770.400	1190.000	770.000	1193.000	770.500	1196.000	774.200	1198.000	774.300	1200.000
GR	776.800	1230.000	785.600	1300.000	788.700	1352.000	0.0	0.0	0.0	0.0
X1	448.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	0.0
BT	5.000	273.000	503.000	626.000	927.000	626.000	0.0	0.0	0.0	0.0
X1	1375.000	12.000	1104.000	1121.000	927.000	927.000	927.000	0.0	-0.300	0.0
GR	820.900	1000.000	813.300	1032.000	811.700	1081.000	807.000	1100.000	806.300	1104.000
GP	803.800	1107.000	803.700	1111.000	804.000	1116.000	806.100	1121.000	809.700	1200.000
GF	818.900	1300.000	820.900	1326.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	1425.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
WC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1475.000	16.000	1161.500	1168.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	823.000	1000.000	817.400	1025.000	814.500	1100.000	813.100	1136.000	808.900	1154.000
GR	808.200	1158.000	807.000	1161.500	806.000	1162.000	805.800	1163.000	805.700	1164.000
GR	805.600	1165.000	805.700	1166.000	805.800	1167.000	806.000	1168.000	807.000	1168.500
GR	808.000	1175.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SR	0.900	1.500	2.500	0.0	4.400	0.010	25.300	0.0	0.0	0.0
X1	1525.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	810.100	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	823.000	0.0	1025.000	817.400	0.0	1100.000	814.500	0.0
BT	1161.500	811.800	807.000	1162.000	811.800	808.400	1163.000	811.800	809.500	1164.500
BT	811.800	810.000	1165.000	811.800	810.100	1166.000	811.800	810.000	1167.000	811.800
BT	809.500	1166.000	811.800	808.400	1168.500	811.800	807.000	1200.000	811.800	0.0
BT	1300.000	815.200	0.0	1400.000	819.200	0.0	1446.000	823.000	0.0	0.0
WC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1575.000	12.000	1104.000	1121.000	50.000	50.000	50.000	0.0	2.200	0.0
GR	820.900	1000.000	813.300	1032.000	811.700	1081.000	807.000	1100.000	806.300	1104.000
GP	803.800	1107.000	803.700	1111.000	804.000	1116.000	806.100	1121.000	809.700	1200.000
GR	818.900	1300.000	820.900	1326.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	1625.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
BT	5.000	250.000	812.000	576.000	858.000	576.000	0.0	0.0	0.0	0.0
X1	1863.000	13.000	1143.000	1157.000	238.000	238.000	238.000	0.0	-3.000	0.0
GR	830.700	1000.000	825.700	1035.000	821.700	1045.000	817.800	1100.000	816.000	1143.000
GR	811.800	1146.000	811.200	1148.000	811.900	1152.000	815.600	1157.000	821.400	1176.000
GF	821.500	1200.000	824.400	1300.000	830.700	1386.000	0.0	0.0	0.0	0.0
X1	1913.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
IC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1963.000	19.000	1347.600	1352.400	50.000	50.000	50.000	0.0	0.0	0.0
GR	835.700	1000.000	830.100	1100.000	825.300	1200.000	823.900	1237.000	819.900	1247.000
GR	816.000	1302.000	814.200	1345.000	812.000	1347.600	809.400	1347.600	809.400	1352.400
GR	812.000	1352.400	813.800	1359.000	819.600	1378.000	819.700	1402.000	822.500	1502.000
GF	824.300	1524.000	826.400	1600.000	929.300	1700.000	835.700	1717.000	0.0	0.0
SS	0.900	1.500	2.500	0.0	7.800	0.010	37.400	0.0	0.0	0.0

X1	2036.000	0.0	0.0	0.0	73.000	73.000	73.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	817.200	0.0	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	835.700	7.0	1100.000	830.100	0.0	1200.000	825.300	0.0
BT	1300.000	821.500	0.0	1311.000	821.300	0.0	1347.600	821.200	817.200	1352.400
BT	821.200	817.200	1352.500	821.200	0.0	1400.000	821.200	0.0	1500.000	823.700
BT	0.0	1600.000	826.400	0.0	1700.000	829.300	0.0	1717.000	835.700	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2042.000	13.000	1143.000	1157.000	6.000	6.000	6.000	0.0	2.100	0.0
GR	830.700	1000.000	825.700	1035.000	821.700	1045.000	817.800	1100.000	816.000	1143.000
GR	811.800	1146.000	811.200	1148.000	811.900	1152.000	815.600	1157.000	821.400	1176.000
GR	821.500	1200.000	824.000	1300.000	830.700	1386.000	0.0	0.0	0.0	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
BT	5.000	206.000	346.000	485.000	732.000	485.000	0.0	0.0	0.0	0.0

X1	2048.000	21.000	1209.000	1213.000	6.000	6.000	6.000	0.0	-5.700	0.0
GR	824.600	1000.000	837.700	1022.000	835.100	1057.000	836.300	1035.000	935.700	1100.000
GR	835.700	1103.000	833.300	1108.000	829.400	1163.000	827.600	1206.000	824.800	1209.000
GR	823.400	1209.500	822.800	1211.000	823.400	1212.400	824.800	1213.000	826.300	1217.000
GR	825.600	1222.000	825.800	1266.000	827.800	1278.000	830.300	1300.000	840.800	1400.000
GR	842.800	1430.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	0.900	5.600	2.500	0.0	4.000	0.010	12.560	0.0	0.0	0.0

X1	2424.000	0.0	0.0	0.0	376.000	376.000	376.000	0.0	5.700	0.0
X2	0.0	0.0	1.000	826.800	0.0	0.0	0.0	0.0	0.0	0.0
BT	21.000	1000.000	828.600	0.0	1022.000	837.700	0.0	1057.000	835.100	0.0
BT	1085.000	836.300	0.0	1100.000	835.700	0.0	1117.000	835.900	0.0	1172.000
BT	836.300	0.0	1198.000	826.800	0.0	1200.000	828.500	0.0	1205.000	827.800
BT	0.0	1209.000	827.800	824.800	1209.600	827.800	826.200	1211.000	827.800	826.800
BT	1212.400	827.100	826.200	1213.000	827.100	824.600	1222.000	826.800	0.0	1266.000
BT	826.800	0.0	1278.000	827.800	0.0	1300.000	830.300	0.0	1400.000	840.800
BT	0.0	1430.000	842.800	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	2427.000	11.000	1253.000	1267.000	3.000	3.000	3.000	0.0	0.200	0.0
GR	840.800	1000.000	835.700	1100.000	828.000	1200.000	825.800	1253.000	822.800	1259.000
GR	822.600	1262.000	823.200	1264.000	824.700	1267.000	825.400	1300.000	834.500	1400.000
GR	840.800	1475.000	0.0	0.0	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
BT	5.000	140.000	272.000	348.000	501.000	348.000	0.0	0.0	0.0	0.0

X1	2430.000	18.000	1298.000	1302.000	3.000	3.000	3.000	0.0	0.0	0.0
GR	842.800	1000.000	827.100	1093.000	836.400	1100.000	834.600	1163.000	828.900	1238.000
GR	824.700	1291.000	825.500	1298.000	824.100	1298.600	823.500	1300.000	824.100	1301.400
GR	825.500	1302.000	825.800	1305.000	826.300	1338.000	832.400	1405.000	833.700	1500.000
GR	834.800	1600.000	839.700	1700.000	842.800	1773.000	0.0	0.0	0.0	0.0
BT	0.900	2.400	2.500	0.0	4.000	0.010	12.560	0.0	0.0	0.0

X1	2535.000	0.0	0.0	0.0	105.000	105.000	105.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	827.500	0.0	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	842.800	0.0	1093.000	837.100	0.0	1100.000	836.400	0.0
BT	1200.000	833.700	0.0	1271.000	832.500	0.0	1298.000	832.300	825.500	1298.600
BT	832.300	826.300	1300.000	832.300	827.500	1301.400	832.300	826.900	1302.000	832.300
BT	825.500	1400.000	832.300	0.0	1500.000	833.700	0.0	1600.000	836.800	0.0
BT	1700.000	839.700	0.0	1773.000	842.800	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	2560.000	10.000	1094.000	1103.000	25.000	25.000	25.000	0.0	-0.600	0.0
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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 THOMASVILLE-DAVIDSON CO. STREAM 29T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO, 6919
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IIG	NINV	TDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	3.	0.	0.	0.064000	0.0	0.0	0.	774.000	0.0
J2	NPROF	IPLOY	PRFVS	XSECV	YSECH	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 CEHV= 0.300
 *SECNO 201.000

SECNO	DEPTH	CWSEL	CRYS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	OLCA	QCH	QROR	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOGI	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENUST

3720 CRITICAL DEPTH ASSUMED

201.00	5.99	775.79	775.79	774.00	776.39	0.60	0.0	0.0	774.20
509.	109.	358.	42.	59.	49.	21.	0.	0.	774.00
0.0	1.85	7.30	2.05	0.055	0.035	0.055	0.0	769.90	1117.86
0.005963	201.	201.	201.	0	13	0	0.0	102.39	1220.25

*SECNO 251.000

251.00	6.26	776.26	0.0	0.0	776.65	0.39	0.24	0.02	774.40
509.	140.	319.	49.	77.	52.	27.	0.	0.	774.20
0.00	1.82	6.18	1.83	0.055	0.035	0.055	0.034	770.00	1117.44
0.003979	50.	50.	50.	3	0	0	0.0	106.00	1223.44

CCHV= 0.100 CEHV= 0.300
 *SECNO 301.000

3265 DIVIDED FLOW

301.00	6.30	776.50	0.0	0.0	776.74	0.29	0.13	0.01	772.00
509.	276.	152.	81.	91.	23.	31.	0.	0.	772.00
0.01	3.05	6.54	2.59	0.025	0.025	0.025	0.029	770.20	1187.21
0.001908	50.	50.	50.	0	0	0	0.0	105.74	1294.06

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

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

T1 THOMASVILLE-DAVIDSON CO. STREAM 29Y
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 691B
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FC
	-10.	4.	0.	0.	0.064000	0.0	0.0	0.	776.000	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FW	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 CEHV= 0.300
 *SECNO 201.000

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

3720 CRITICAL DEPTH ASSUMED

201.00	6.16	775.96	775.96	776.00	776.66	0.70	0.0	0.0	774.20
635.	162.	414.	50.	71.	51.	25.	0.	0.	774.00
0.0	2.29	0.16	2.37	0.055	0.035	0.055	0.0	769.80	1117.58
0.007100	201.	201.	201.	0	5	0	0.0	104.75	1222.33

*SECNO 251.000

251.00	6.57	776.57	0.0	0.0	776.96	0.39	0.25	0.03	774.40
635.	212.	352.	70.	99.	55.	35.	0.	0.	774.20
0.00	2.14	6.43	2.00	0.055	0.035	0.055	0.034	770.00	1116.95
0.003909	50.	50.	50.	3	0	0	0.0	110.19	1227.14

CCHV= 0.100 CEHV= 0.300

*SECNO 301.000

3265 DIVIDED FLOW

301.00	6.62	776.82	0.0	0.0	777.09	0.27	0.12	0.01	772.00
635.	373.	155.	107.	114.	24.	41.	0.	0.	772.00
0.01	3.26	6.32	2.63	0.025	0.025	0.025	0.029	770.20	1186.60
0.001656	50.	50.	50.	2	0	0	0.0	110.57	1297.89

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD IN CARD SB NOT SPECIFIED

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T1 THOMASVILLE-DAVIDSON CO. STREAM 29T
 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	FQ
	-10.	5.	0.	0.	0.064000	0.0	0.0	0.	777.000	0.0
J2	NPROF	IPLOT	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 201.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
0	QLOB	RCH	QROB	ALOB	ACH	AROR	VOL	TWA	LEFT/RIGHT
TIME	VLOA	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
201.00	6.58	776.38	776.38	777.00	777.22	0.84	0.0	0.0	774.20
947.	320.	521.	106.	101.	55.	36.	0.	0.	774.00
0.0	3.18	9.48	2.95	0.055	0.035	0.055	0.0	769.80	1116.91
0.008621	201.	201.	201.	0	0	0	0.0	110.46	1227.39

*SECNO 251.000

251.00	7.14	777.14	0.0	0.0	777.55	0.41	0.29	0.04	774.40
947.	386.	428.	134.	140.	60.	54.	0.	0.	774.20
0.00	2.76	7.08	2.49	0.055	0.035	0.055	0.034	770.00	1116.04
0.004235	50.	50.	50.	3	0	0	0.0	116.58	1232.63

CCHV= 0.100 CEHV= 0.300

*SECNO 301.000

301.00	7.21	777.41	0.0	0.0	777.68	0.27	0.12	0.01	772.00
947.	592.	169.	186.	158.	27.	61.	1.	0.	772.00
0.01	3.74	6.30	3.03	0.025	0.025	0.025	0.029	770.20	1185.47
0.001458	50.	50.	50.	2	0	0	0.0	117.84	1303.31

SPECIAL BRIDGE

5070.VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFO	ROLEN	UWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	4.00	0.01	12.60	0.0	770.20	770.20

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

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
*	201.000	201.00	0.0	0.0	273.00	769.80	773.67	773.67	9.77	1188.27	1197.82	27.94	0.0
* A	201.000	201.00	0.0	0.0	509.00	769.80	775.79	775.79	7.30	1117.86	1220.25	128.23	2.12
*	201.000	201.00	0.0	0.0	635.00	769.80	775.96	775.96	8.16	1117.58	1222.33	146.18	0.17
*	201.000	201.00	0.0	0.0	947.00	769.80	776.38	776.38	9.48	1116.91	1227.39	191.53	0.42
	251.000	50.00	0.0	0.0	273.00	770.00	775.19	773.88	6.06	1151.10	1210.69	62.28	0.0
	251.000	50.00	0.0	0.0	509.00	770.00	776.26	0.0	6.18	1117.44	1223.44	156.90	1.07
	251.000	50.00	0.0	0.0	635.00	770.00	776.57	0.0	6.43	1116.95	1227.14	189.21	0.31
	251.000	50.00	0.0	0.0	947.00	770.00	777.14	0.0	7.08	1116.04	1232.63	253.86	0.57
*	301.000	50.00	0.0	0.0	273.00	770.20	775.66	775.66	7.56	1208.45	1283.94	65.52	0.0
	301.000	50.00	0.0	0.0	509.00	770.20	776.50	0.0	6.54	1187.21	1294.06	145.06	0.84
	301.000	50.00	0.0	0.0	635.00	770.20	776.82	0.0	6.32	1186.60	1297.89	179.51	0.33
	301.000	50.00	0.0	0.0	947.00	770.20	777.41	0.0	6.30	1185.47	1303.31	246.41	0.58
*	348.000	47.00	777.20	774.20	273.00	770.20	778.31	0.0	1.13	1183.71	1310.65	357.37	0.0
	348.000	47.00	777.20	774.20	509.00	770.20	778.90	0.0	1.65	1182.58	1315.37	433.09	0.59
	348.000	47.00	777.20	774.20	635.00	770.20	779.14	0.0	1.88	1182.11	1317.66	465.72	0.24
	348.000	47.00	777.20	774.20	947.00	770.20	779.63	0.0	2.37	1173.04	1325.24	535.13	0.48
	398.000	50.00	0.0	0.0	273.00	770.40	778.31	0.0	1.44	1114.80	1238.83	347.69	0.0
	398.000	50.00	0.0	0.0	509.00	770.40	778.90	0.0	2.16	1113.87	1243.50	422.22	0.59
	398.000	50.00	0.0	0.0	635.00	770.40	779.14	0.0	2.49	1113.48	1245.44	454.02	0.24
	398.000	50.00	0.0	0.0	947.00	770.40	779.62	0.0	3.19	1112.71	1249.28	518.86	0.48
	448.000	50.00	0.0	0.0	273.00	770.60	778.32	0.0	1.56	1115.11	1237.28	323.65	0.0
	448.000	50.00	0.0	0.0	509.00	770.60	778.91	0.0	2.31	1114.17	1241.99	397.71	0.59
	448.000	50.00	0.0	0.0	635.00	770.60	779.16	0.0	2.65	1113.78	1243.94	429.36	0.25
	448.000	50.00	0.0	0.0	947.00	770.60	779.65	0.0	3.37	1113.00	1247.83	494.18	0.49
*	1375.000	927.00	0.0	0.0	273.00	803.40	806.15	806.15	7.76	1103.14	1128.68	36.41	0.0
*	1375.000	927.00	0.0	0.0	503.00	803.40	807.26	807.26	8.27	1097.75	1152.97	81.36	1.11
*	1375.000	927.00	0.0	0.0	626.00	803.40	807.63	807.63	8.67	1096.23	1161.20	103.88	0.37
*	1375.000	927.00	0.0	0.0	927.00	803.40	808.34	808.34	9.49	1093.38	1176.71	156.29	0.71
	1425.000	50.00	0.0	0.0	273.00	803.70	807.06	0.0	5.70	1099.75	1142.12	57.22	0.0
	1425.000	50.00	0.0	0.0	503.00	803.70	807.96	0.0	6.90	1096.15	1161.66	105.27	0.90
	1425.000	50.00	0.0	0.0	626.00	803.70	808.31	0.0	7.37	1094.73	1169.37	129.88	0.35
	1425.000	50.00	0.0	0.0	927.00	803.70	809.00	0.0	8.21	1091.91	1184.67	188.26	0.69

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	OIFWSP
* 1475.000	50.00	0.0	0.0	273.00	805.60	809.03	809.03	8.52	1153.45	1175.00	38.96	0.0
* 1475.000	50.00	0.0	0.0	503.00	805.60	809.97	809.97	10.17	1149.40	1175.00	61.27	0.95
* 1475.000	50.00	0.0	0.0	626.00	805.60	810.39	810.39	10.82	1147.62	1175.00	72.23	0.41
* 1475.000	50.00	0.0	0.0	927.00	805.60	811.26	811.26	12.03	1143.89	1175.00	97.60	0.87
1525.000	50.00	811.80	810.10	273.00	805.60	809.04	0.0	8.47	1153.41	1175.00	39.19	0.0
1525.000	50.00	811.80	810.10	503.00	805.60	812.85	0.0	4.28	1137.06	1175.00	152.75	3.81
1525.000	50.00	811.80	810.10	626.00	805.60	813.13	0.0	5.00	1155.21	1175.00	163.46	0.28
1525.000	50.00	811.80	810.10	927.00	805.60	813.56	0.0	6.66	1123.96	1175.00	183.34	0.43
1575.000	50.00	0.0	0.0	273.00	805.90	809.92	0.0	4.17	1097.10	1156.49	90.54	0.0
1575.000	50.00	0.0	0.0	503.00	805.90	813.03	0.0	2.30	1084.52	1212.27	394.11	3.11
1575.000	50.00	0.0	0.0	626.00	805.90	813.37	0.0	2.57	1083.13	1216.01	438.91	0.34
1575.000	50.00	0.0	0.0	927.00	805.90	814.00	0.0	3.20	1078.03	1222.79	524.90	0.62
1625.000	50.00	0.0	0.0	273.00	806.20	810.00	0.0	4.61	1097.97	1151.75	78.34	0.0
1625.000	50.00	0.0	0.0	503.00	806.20	813.04	0.0	2.52	1085.68	1209.15	358.05	3.04
1625.000	50.00	0.0	0.0	626.00	806.20	813.38	0.0	2.81	1084.28	1212.92	401.80	0.35
1625.000	50.00	0.0	0.0	927.00	806.20	814.01	0.0	3.46	1081.77	1219.67	484.47	0.63
* 1863.000	238.00	0.0	0.0	250.00	808.20	811.80	811.80	8.79	1143.86	1155.91	28.45	0.0
* 1863.000	238.00	0.0	0.0	462.00	808.20	813.07	813.07	10.17	1141.28	1158.55	45.79	1.28
* 1863.000	238.00	0.0	0.0	576.00	808.20	814.01	814.01	9.40	1118.98	1161.60	73.73	0.93
* 1863.000	238.00	0.0	0.0	858.00	808.20	815.11	815.11	9.39	1095.57	1165.24	137.21	1.11
1913.000	50.00	0.0	0.0	250.00	809.00	812.78	0.0	8.12	1143.72	1156.17	30.80	0.0
1913.000	50.00	0.0	0.0	462.00	809.00	813.90	813.89	10.09	1140.65	1158.63	46.26	1.11
* 1913.000	50.00	0.0	0.0	576.00	809.00	814.81	814.81	9.39	1118.97	1161.61	73.75	0.91
* 1913.000	50.00	0.0	0.0	858.00	809.00	815.94	815.94	9.31	1095.22	1165.32	138.92	1.13
* 1963.000	50.00	0.0	0.0	250.00	809.40	813.98	813.98	9.09	1345.26	1359.60	31.54	0.0
* 1963.000	50.00	0.0	0.0	462.00	809.40	815.40	815.40	8.32	1316.36	1364.24	72.62	1.42
* 1963.000	50.00	0.0	0.0	576.00	809.40	815.72	815.72	8.68	1308.79	1365.28	89.16	0.32
1963.000	50.00	0.0	0.0	858.00	809.40	816.82	0.0	6.79	1290.28	1368.93	165.69	1.11
2036.000	73.00	821.20	817.20	250.00	809.40	813.99	0.0	9.06	1345.25	1359.63	31.64	0.0
2036.000	73.00	821.20	817.20	462.00	809.40	815.40	0.0	8.31	1316.29	1364.25	72.76	1.41
2036.000	73.00	821.20	817.20	576.00	809.40	815.72	0.0	8.67	1308.72	1365.29	89.32	0.32
* 2036.000	73.00	821.20	817.20	858.00	809.40	822.21	0.0	1.00	1241.21	1488.70	969.10	6.49
* 2042.000	6.00	0.0	0.0	250.00	813.30	816.89	816.89	8.79	1143.86	1155.91	28.44	0.0
* 2042.000	6.00	0.0	0.0	462.00	813.30	818.17	818.17	10.17	1141.23	1158.55	45.83	1.28
* 2042.000	6.00	0.0	0.0	576.00	813.30	819.10	819.10	9.40	1119.01	1161.60	73.68	0.93
2042.000	6.00	0.0	0.0	858.00	813.30	822.04	0.0	5.01	1069.77	1171.23	293.72	2.34
* 2048.000	6.00	0.0	0.0	206.00	817.10	820.71	820.71	6.54	1207.24	1269.66	51.50	0.0
* 2048.000	6.00	0.0	0.0	386.00	817.10	821.07	821.07	7.76	1206.89	1271.82	74.47	0.36
* 2048.000	6.00	0.0	0.0	485.00	817.10	821.24	821.24	8.14	1206.70	1272.87	85.91	0.17
2048.000	6.00	0.0	0.0	732.00	817.10	821.86	0.0	7.43	1206.04	1276.59	128.13	0.61
2424.000	376.00	826.80	826.80	206.00	822.80	827.54	0.0	2.12	1206.06	1276.45	126.66	0.0
2424.000	376.00	826.80	826.80	386.00	822.80	828.20	0.0	2.65	1191.63	1281.53	178.99	0.66
2424.000	376.00	826.80	826.80	485.00	822.80	828.47	0.0	2.87	1145.10	1283.94	204.79	1.27
2424.000	376.00	826.80	826.80	732.00	822.80	829.03	0.0	3.32	1000.00	1288.84	265.13	0.56

SECNO	YLCH	ELTRD	ELLC	Q	ELMIN	CHSEL	CRISW	VCH	SSTA	ENDST	AREA	DIFWSP
2427.000	3.00	0.0	0.0	206.00	822.80	827.55	0.0	2.03	1215.68	1321.42	177.02	0.0
2427.000	3.00	0.0	0.0	386.00	822.80	828.21	0.0	2.78	1199.87	1328.68	254.57	0.67
2427.000	3.00	0.0	0.0	485.00	822.80	828.49	0.0	3.08	1196.31	1331.69	290.75	0.28
2427.000	3.00	0.0	0.0	732.00	822.80	829.06	0.0	3.66	1188.78	1338.07	373.35	0.57
2430.000	3.00	0.0	0.0	140.00	823.50	827.55	0.0	1.86	1270.55	1351.72	99.95	0.0
2430.000	3.00	0.0	0.0	272.00	823.50	828.24	0.0	2.14	1254.00	1359.26	163.99	0.68
2430.000	3.00	0.0	0.0	348.00	823.50	828.52	0.0	2.28	1247.14	1362.39	195.36	0.28
2430.000	3.00	0.0	0.0	541.00	823.50	829.10	0.0	2.53	1235.33	1368.79	268.23	0.58
2535.000	105.00	832.30	827.50	140.00	823.50	832.18	0.0	0.20	1194.78	1402.63	794.13	0.0
2535.000	105.00	832.30	827.50	272.00	823.50	832.83	0.0	0.33	1185.28	1436.47	939.20	0.65
2535.000	105.00	832.30	827.50	348.00	823.50	832.99	0.0	0.40	1184.16	1448.23	980.56	0.16
2535.000	105.00	832.30	827.50	541.00	823.50	833.30	0.0	0.58	1180.05	1471.04	1067.22	0.31
2560.000	25.00	0.0	0.0	140.00	824.10	832.18	0.0	0.34	1015.21	1203.43	773.14	0.0
2560.000	25.00	0.0	0.0	272.00	824.10	832.63	0.0	0.56	1014.10	1215.15	898.69	0.65
2560.000	25.00	0.0	0.0	348.00	824.10	832.99	0.0	0.69	1013.82	1218.07	931.19	0.16
2560.000	25.00	0.0	0.0	541.00	824.10	833.30	0.0	1.00	1013.29	1223.72	995.58	0.31
2585.000	25.00	0.0	0.0	140.00	824.70	832.18	0.0	0.40	1016.26	1193.28	662.88	0.0
2585.000	25.00	0.0	0.0	272.00	824.70	832.83	0.0	0.66	1015.14	1204.17	780.83	0.64
2585.000	25.00	0.0	0.0	348.00	824.70	832.99	0.0	0.81	1014.87	1207.08	811.36	0.16
2585.000	25.00	0.0	0.0	541.00	824.70	833.30	0.0	1.16	1014.33	1212.72	871.92	0.31

SUMMARY OF ERRORS

CAUTION	SECNO=	201.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	201.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	201.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	201.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	301.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	301.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	301.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	348.000	PROFILE=	1	HYDRAULIC JUMP D.S.
CAUTION	SECNO=	1375.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1375.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1375.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1375.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1375.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1375.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1375.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1375.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1375.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1375.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1375.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1375.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1475.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	1475.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	1475.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	1475.000	PROFILE=	2	CRITICAL DEPTH ASSUMED

CAUTION	SECNO= 1475.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1475.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1475.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1475.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1475.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1475.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1475.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1475.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1863.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1863.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1863.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1863.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1863.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1863.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1863.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1863.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1863.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1863.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1863.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1863.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1913.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1913.000	PROFILE= 3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1913.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1913.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1913.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1963.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1963.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1963.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1963.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1963.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1963.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1963.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1963.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1963.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2036.000	PROFILE= 4	HYDRAULIC JUMP D.S.
CAUTION	SECNO= 2042.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2042.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2042.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2042.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2042.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2042.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2042.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2042.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2042.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2048.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2048.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2048.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2048.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2048.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2048.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2048.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2048.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2048.000	PROFILE= 3	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		
		10'	2'	0.2'
201.000	0.	-2.3	-0.2	0.4
251.000	50.	-1.4	-0.3	0.6
301.000	100.	-1.2	-0.3	0.6
348.000	147.	-0.8	-0.2	0.5
398.000	197.	-0.8	-0.2	0.5
448.000	247.	-0.8	-0.2	0.5
1375.000	1174.	-1.5	-0.4	0.7
1425.000	1224.	-1.3	-0.4	0.7
1475.000	1274.	-1.4	-0.4	0.9
1525.000	1324.	-4.1	-0.3	0.4
1575.000	1374.	-3.5	-0.3	0.6
1625.000	1424.	-3.4	-0.3	0.6
1863.000	1662.	-2.2	-0.9	1.1
1913.000	1712.	-2.0	-0.9	1.1
1963.000	1762.	-1.7	-0.3	1.1
2036.000	1835.	-1.7	-0.3	6.5
2042.000	1841.	-2.2	-0.9	2.9
2048.000	1847.	-0.5	-0.2	0.6
2424.000	2223.	-0.9	-0.3	0.6
2427.000	2226.	-0.9	-0.3	0.6
2430.000	2229.	-1.0	-0.3	0.6
2535.000	2334.	-0.8	-0.2	0.3
2560.000	2359.	-0.8	-0.2	0.3
2585.000	2384.	-0.8	-0.2	0.3

WEIGHTED AVG FOR REACH		-1.4	-0.3	0.7

FHF FOR THE REACH = 015 WITH 54.9% OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = A 3

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10'	1'	DIFF.			
1	0.					SEC.	201.000
	100.	775.2	776.6	-1.4	-1.4	015	100.
	50.					SEC.	251.000
	100.					SEC.	301.000
	147.					SEC.	348.000
	197.					SEC.	398.000
2	200.	778.3	779.1	-0.8	-1.1	010	100.
	247.					SEC.	448.000
3	300.	779.1	780.0	-0.9	-1.0	010	100.

4	400.	781.4	782.3	-0.9	-1.0	010	100.
5	500.	784.4	785.4	-1.0	-1.0	010	100.
6	600.	787.4	788.5	-1.1	-1.0	010	100.
7	700.	790.4	791.5	-1.1	-1.0	010	100.
8	800.	793.4	794.6	-1.2	-1.0	010	100.
9	900.	796.4	797.7	-1.3	-1.1	010	100.
10	1000.	799.4	800.8	-1.3	-1.1	010	100.
11	1100.	802.4	803.8	-1.4	-1.1	010	100.
	1174.					SEC.	1375.000
12	1200.	805.3	806.7	-1.4	-1.1	010	100.
	1224.					SEC.	1425.000
	1274.					SEC.	1475.000
13	1300.	809.0	811.1	-2.1	-1.2	010	92.
	1324.					SEC.	1525.000
	1374.					SEC.	1575.000
14	1400.	809.9	813.4	-3.4	-1.4	015	71.
	1424.					SEC.	1625.000
15	1500.	810.3	813.5	-3.2	-1.5	015	53.
16	1600.	811.0	813.7	-2.8	-1.6	015	50.
	1662.					SEC.	1863.000
17	1700.	811.9	814.2	-2.3	-1.6	015	47.
	1712.					SEC.	1913.000
	1762.					SEC.	1963.000
18	1800.	814.0	815.7	-1.7	-1.6	015	44.
	1835.					SEC.	2036.000
	1841.					SEC.	2042.000
	1847.					SEC.	2048.000
19	1900.	821.2	821.8	-0.6	-1.6	015	42.
20	2000.	822.6	823.2	-0.6	-1.5	015	45.
21	2100.	824.4	825.1	-0.8	-1.5	015	43.
22	2200.	826.2	827.1	-0.9	-1.5	015	45.
	2223.					SEC.	2424.000
	2226.					SEC.	2427.000
	2229.					SEC.	2430.000
23	2300.	829.1	830.0	-0.9	-1.4	015	43.
	2334.					SEC.	2535.000
	2359.					SEC.	2560.000
	2384.					SEC.	2585.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 200 WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 202 13 23
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

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

EJ