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

C
 T1 LEXINGTON-DAVIDSON CO. STREAM 5L
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB. NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEI	FQ
	-1.	2.	0.	0.	0.004000	0.0	0.0	0.	710.000	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOD	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	39.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	25.000	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
QT	5.000	630.000	1040.000	1234.000	1684.000	1234.000	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	25.000	16.000	1470.000	1492.000	25.000	25.000	25.000	0.0	-1.300	0.0
GR	728.300	1000.000	725.000	1100.000	725.200	1200.000	723.700	1275.000	713.700	1320.000
GR	710.100	1400.000	711.300	1470.000	706.800	1476.000	706.400	1430.000	706.600	1488.000
GR	713.600	1492.000	713.900	1500.000	715.700	1600.000	716.000	1608.000	725.800	1700.000
GR	728.500	1731.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	75.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	125.000	21.000	1527.500	1532.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	726.700	1000.000	722.200	1100.000	717.800	1200.000	714.800	1360.000	712.600	1370.000
GR	709.000	1450.000	710.200	1520.000	707.800	1527.500	706.300	1528.000	705.500	1529.000
GR	705.300	1530.000	705.500	1531.000	706.300	1532.000	707.800	1532.500	712.500	1543.000
GR	713.200	1600.000	716.900	1700.000	719.600	1800.000	720.000	1900.000	720.200	2000.000
GR	720.400	2100.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SU	0.900	1.500	2.500	0.0	5.000	0.010	19.600	0.0	0.0	0.0
	RONO	SPRUCE	ST.	MXLCEL	710.3		ROELV	712.3		
X1	167.000	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	710.300	0.0	0.0	0.0	0.0	0.0	0.0
BT	18.000	1000.000	726.700	0.0	1100.000	722.200	0.0	1200.000	717.300	0.0
BT	1400.000	714.100	0.0	1500.000	712.500	0.0	1527.500	712.300	707.800	1528.000

BT	712,300	709,300	1529,000	712,300	710,100	1530,000	712,300	710,300	1531,000	712,300
BT	710,100	1532,000	712,300	709,300	1532,500	712,300	707,800	1600,000	713,200	0,0
BT	1700,000	716,900	0,0	1800,000	719,600	0,0	1900,000	720,000	0,0	2000,000
BT	720,200	0,0	2100,000	720,400	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	217,000	16,000	1470,000	1492,000	50,000	50,000	50,000	0,0	-1,000	0,0
GR	728,300	1000,000	725,800	1100,000	725,200	1200,000	723,700	1275,000	713,700	1320,000
GR	710,100	1400,000	711,300	1470,000	706,800	1476,000	706,400	1480,000	706,600	1488,000
GR	713,600	1492,000	713,900	1500,000	715,700	1600,000	716,000	1608,000	725,800	1700,000
GR	728,500	1731,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	267,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	0,100	0,0
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X1	450,000	16,000	1470,000	1492,000	183,000	183,000	183,000	0,0	0,0	0,0
GR	728,300	1000,000	725,800	1100,000	725,200	1200,000	723,700	1275,000	713,700	1320,000
GR	710,100	1400,000	711,300	1470,000	706,800	1476,000	706,400	1480,000	706,600	1488,000
GR	713,600	1492,000	713,900	1500,000	715,700	1600,000	716,000	1608,000	725,800	1700,000
GR	728,500	1731,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	500,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	0,100	0,0
NC	0,025	0,025	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	550,000	22,000	1213,500	1220,500	50,000	50,000	50,000	0,0	0,0	0,0
GR	729,400	1000,000	724,100	1012,000	714,100	1057,000	710,500	1137,000	711,700	1207,000
GR	710,300	1213,500	708,500	1214,000	707,400	1215,000	707,000	1216,000	706,800	1217,000
GR	707,000	1218,000	707,400	1219,000	708,500	1220,000	710,300	1220,500	714,000	1229,000
GR	714,300	1237,000	716,100	1337,000	716,400	1345,000	719,200	1372,000	720,100	1400,000
GR	728,600	1500,000	729,400	1525,000	0,0	0,0	0,0	0,0	0,0	0,0
SB	0,900	1,500	2,500	0,0	7,000	0,010	38,500	0,0	0,0	0,0

	RONO	BURLER	ST.	MXLCEL	713.8	RDELV	716.5			
X1	594,000	0,0	0,0	0,0	44,000	44,000	44,000	0,0	0,0	0,0
X2	0,0	0,0	1,000	713,800	0,0	0,0	0,0	0,0	0,0	0,0
BT	16,000	1000,000	729,400	0,0	1100,000	723,300	0,0	1200,000	717,000	0,0
BT	1213,500	716,500	710,300	1214,000	716,500	712,100	1215,000	716,500	713,200	1216,000
BT	716,500	713,600	1217,000	716,500	713,800	1218,000	716,500	713,600	1219,000	716,500
BT	713,200	1220,000	716,500	712,100	1220,500	716,500	710,300	1300,000	716,600	0,0
BT	1400,000	720,100	0,0	1500,000	728,000	0,0	1525,000	729,400	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	644,000	16,000	1470,000	1492,000	50,000	50,000	50,000	0,0	0,600	0,0
GR	728,300	1000,000	725,800	1100,000	725,200	1200,000	723,700	1275,000	713,700	1320,000
GR	710,100	1400,000	711,300	1470,000	706,800	1476,000	706,400	1480,000	706,600	1488,000
GR	713,600	1492,000	713,900	1500,000	715,700	1600,000	716,000	1608,000	725,800	1700,000
GR	728,500	1731,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	694,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	0,200	0,0
QT	5,000	630,000	1033,000	1229,000	1671,000	1229,000	0,0	0,0	0,0	0,0

X1	1340,000	18,000	1252,000	1293,000	646,000	646,000	646,000	0,0	-2,200	0,0
GR	732,200	1000,000	730,300	1100,000	727,800	1135,000	718,900	1170,000	717,000	1200,000
GR	717,400	1252,000	712,800	1254,000	712,400	1271,000	712,900	1286,000	717,500	1293,000
GR	717,400	1300,000	718,200	1400,000	719,100	1500,000	720,200	1518,000	720,800	1532,000
GR	720,400	1546,000	720,300	1600,000	732,200	1690,000	0,0	0,0	0,0	0,0

X1	1390.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.300	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1440.000	21.000	1496.000	1504.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	752.100	1000.000	731.300	1229.000	729.400	1329.000	726.900	1364.000	718.000	1399.000
GR	716.100	1429.000	716.500	1481.000	712.000	1496.000	711.500	1496.000	711.500	1504.000
GR	712.000	1504.000	716.600	1522.000	716.500	1529.000	717.300	1629.000	718.200	1729.000
GR	719.300	1747.000	719.900	1761.000	719.500	1775.000	719.400	1829.000	731.300	1919.000
GR	750.600	2000.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	8.000	0.010	55.000	0.0	0.0	0.0

RDNO W.S SOUTH RR. MXLCEL 720.0

RDELV 750.5

X1	1548.000	0.0	0.0	0.0	108.000	108.000	108.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	720.000	0.0	0.0	0.0	0.0	0.0	0.0
BT	21.000	1000.000	752.100	0.0	1100.000	751.800	0.0	1200.000	751.400	0.0
BT	1300.000	751.000	0.0	1400.000	750.800	0.0	1496.000	750.500	712.000	1496.100
BT	750.500	713.500	1497.000	750.500	717.800	1498.000	750.500	719.200	1499.000	750.500
BT	719.800	1500.000	750.500	720.000	1501.000	750.500	719.800	1502.000	750.500	719.200
BT	1503.000	750.500	717.800	1503.900	750.500	713.500	1504.000	750.500	712.000	1600.000
BT	750.100	0.0	1700.000	750.300	0.0	1800.000	750.400	0.0	1900.000	750.500
BT	0.0	2000.000	750.600	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	1500.000	18.000	1252.000	1293.000	52.000	52.000	52.000	0.0	-0.400	0.0
GR	732.200	1000.000	730.300	1100.000	727.800	1135.000	718.900	1170.000	717.000	1200.000
GR	717.400	1252.000	712.800	1254.000	712.400	1271.000	712.900	1286.000	717.500	1293.000
GR	717.400	1300.000	718.200	1400.000	719.100	1500.000	720.200	1518.000	720.800	1532.000
GR	720.400	1546.000	720.300	1600.000	732.200	1690.000	0.0	0.0	0.0	0.0
GT	5.000	235.000	434.000	542.000	809.000	542.000	0.0	0.0	0.0	0.0

X1	1650.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1700.000	22.000	1269.000	1273.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	733.700	1000.000	731.800	1100.000	729.300	1135.000	720.400	1170.000	718.500	1200.000
GR	718.900	1252.000	715.900	1269.000	715.100	1269.200	714.200	1270.000	713.900	1271.000
GR	714.200	1272.000	715.100	1272.800	715.900	1273.000	719.000	1293.000	718.900	1300.000
GR	719.700	1400.000	720.600	1500.000	721.700	1518.000	722.300	1532.000	721.900	1546.000
GR	721.800	1600.000	733.700	1690.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	2.100	2.500	0.0	4.000	0.010	12.600	0.0	0.0	0.0

RDNO WESTSIDE CR. MXLCEL 721.6

RDELV 722.6

X1	1894.000	24.000	1257.000	1261.000	194.000	194.000	194.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	721.600	0.0	0.0	0.0	0.0	0.0	0.0
BT	19.000	1000.000	737.700	0.0	1100.000	732.100	0.0	1200.000	726.000	0.0
BT	1257.000	722.600	719.600	1257.200	722.600	720.500	1258.000	722.600	721.300	1259.000
BT	722.600	721.600	1260.000	722.600	721.300	1260.800	722.600	720.500	1261.000	722.600
BT	719.600	1300.000	721.000	0.0	1371.000	719.900	0.0	1400.000	719.900	0.0
BT	1500.000	721.000	0.0	1600.000	721.900	0.0	1700.000	723.000	0.0	1800.000
BT	725.500	0.0	1900.000	730.100	0.0	1985.000	734.700	0.0	0.0	0.0
GR	737.700	1000.000	732.100	1100.000	726.000	1200.000	724.900	1220.000	721.000	1247.000
GR	720.200	1255.000	719.600	1257.000	718.700	1257.200	717.900	1258.000	717.600	1259.000
GR	717.900	1260.000	718.700	1260.800	719.600	1261.000	720.900	1266.000	721.800	1280.000
GR	721.000	1300.000	719.900	1371.000	719.900	1400.000	721.000	1500.000	721.900	1600.000
GR	723.000	1700.000	725.500	1800.000	730.100	1900.000	734.700	1985.000	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

GR	751,200	1000,000	742,800	1040,000	737,100	1077,000	732,200	1095,000	730,100	1098,000
GR	729,100	1098,300	728,400	1099,000	728,100	1100,000	728,400	1101,000	729,100	1101,700
GR	730,100	1102,000	732,400	1105,000	733,800	1125,000	734,100	1134,000	733,900	1167,000
GR	735,600	1200,000	743,700	1300,000	751,200	1369,000	0,0	0,0	0,0	0,0
NC	0,055	0,055	0,035	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	2857,000	11,000	1070,000	1080,000	50,000	50,000	50,000	0,0	0,0	0,0
GR	747,400	1000,000	738,100	1051,000	732,600	1070,000	728,600	1072,000	728,500	1075,000
GR	728,600	1079,000	732,800	1080,000	734,200	1100,000	738,100	1200,000	745,600	1300,000
GR	747,400	1317,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	2907,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	0,400	0,0
QT	5,000	200,000	369,000	462,000	692,000	462,000	0,0	0,0	0,0	0,0

X1	3200,000	11,000	1204,000	1216,000	293,000	293,000	293,000	0,0	0,0	0,0
GR	754,600	1000,000	749,200	1100,000	738,500	1200,000	738,300	1204,000	733,200	1206,000
GR	733,100	1210,000	733,300	1214,000	738,100	1216,000	744,800	1232,000	751,300	1300,000
GR	755,800	1361,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
EJ	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

MADE IN U. S. A.

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

T1 LEXINGTON-DAVIDSON CO. STREAM 5L
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6910
 T3 50 YEAR FLOOD WATER SURFACE PROFILE.

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.004000	0.0	0.0	0.	711.000	0.0
J2	NPROF	IPLT	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 CEHV= 0.300

*SECNO 25.000

SECNO	DEPTH	WSEL	CRIS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLDBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
25.00	5.97	711.07	0.0	711.00	711.51	0.45	0.0	0.0	710.00
1040.	388.	652.	0.	174.	99.	0.	0.	0.	712.30
0.0	2.23	6.56	0.0	0.055	0.035	0.055	0.0	705.10	1349.63
0.004031	25.	25.	25.	0	0	4	0.0	141.66	1491.29

*SECNO 75.000

75.00	6.13	711.33	0.0	0.0	711.70	0.37	0.18	0.01	710.10
1040.	416.	624.	0.	194.	103.	0.	0.	0.	712.40
0.00	2.14	6.06	0.0	0.055	0.035	0.055	0.034	705.20	1345.87
0.003305	50.	50.	50.	2	0	0	0.0	145.53	1491.39

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	6.29	711.59	0.0	0.0	711.83	0.24	0.11	0.01	707.80
1040.	824.	161.	55.	233.	28.	16.	1.	0.	707.80
0.01	3.53	5.67	3.45	0.025	0.025	0.025	0.029	705.30	1392.45
0.001623	50.	50.	50.	2	0	0	0.0	148.51	1540.97

SPECIAL BRIDGE

5070.VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKCR	COFQ	RDLN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	5.00	0.01	19.60	0.0	705.30	705.30

*SECNO 167.000

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR ----01
 MODIFICATION - 50.51,52

T1 LEXINGTON-DAVIDSON CO. STREAM 5L
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	4.	0.	0.	0.004000	0.0	0.0	0.	713.000	0.0
J2	NPROF	IPLOT	PRFVS	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 25.000

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	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
25.00	6.28	711.38	0.0	713.00	711.82	0.45	0.0	0.0	710.00
1234.	519.	715.	0.	212.	106.	0.	0.	0.	712.30
0.0	2.45	6.74	0.0	0.055	0.035	0.055	0.0	705.10	1342.75
0.003971	25.	25.	25.	0	0	4	0.0	148.72	1491.47

*SECNO 75.000

75.00	6.43	711.63	0.0	0.0	712.01	0.38	0.18	0.01	710.10
1234.	546.	688.	0.	232.	109.	0.	0.	0.	712.40
0.00	2.35	6.29	0.0	0.055	0.035	0.055	0.034	705.20	1339.28
0.003347	50.	50.	50.	2	0	0	0.0	152.28	1491.56

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	6.59	711.89	0.0	0.0	712.13	0.24	0.11	0.01	707.80
1234.	1003.	167.	65.	275.	30.	19.	1.	0.	707.80
0.01	3.65	5.59	3.46	0.025	0.025	0.025	0.029	705.30	1385.79
0.001474	50.	50.	50.	2	0	0	0.0	155.85	1541.64

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB.	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	5.00	0.01	19.60	0.0	705.30	705.30

*SECNO 167.000

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

T1 LEXINGTON-DAVIDSON CO. STREAM 5L
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INC MINV IDIR STRT METRIC HVINS Q WSEL FQ
 -10. 5. 0. 0. 0.004000 0.0 0.0 0. 714.000 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 25.000

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	DLOSS	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
25.00	6.88	711.97	0.0	714.00	712.44	0.46	0.0	0.0	710.00
1684.	834.	850.	0.	292.	119.	0.	0.	0.	712.30
0.0	2.85	7.14	0.0	0.055	0.035	0.055	0.0	705.10	1329.44
0.003956	25.	25.	25.	0	0	3	0.0	162.37	1491.81

*SECNO 75.000

75.00	7.02	712.22	0.0	0.0	712.63	0.41	0.18	0.01	710.10
1684.	860.	824.	0.	313.	122.	0.	0.	0.	712.40
0.00	2.75	6.75	0.0	0.055	0.035	0.055	0.034	705.20	1326.20
0.003435	50.	50.	50.	2	0	0	0.0	165.70	1491.90

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	7.16	712.48	0.0	0.0	712.74	0.26	0.10	0.01	707.80
1684.	1414.	183.	87.	362.	33.	24.	1.	0.	707.80
0.01	3.91	5.59	3.55	0.025	0.025	0.025	0.029	705.30	1372.69
0.001295	50.	50.	50.	2	0	0	0.0	170.26	1542.95

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK XKOR COEQ ROLN BWC BWP BAREA SS ELCHU ELCHD
 0.90 1.50 2.50 0.0 5.00 0.01 19.60 0.0 705.30 705.30

*SECNO 167.000

 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	VCH	SSTA	ENDST	AREA	DIFWSP
154	25.000	25.00	0.0	0.0	630.00	705.10	710.30	0.0	5.94	1366.67	1490.86	171.26	0.0
154	25.000	25.00	0.0	0.0	1040.00	705.10	711.07	0.0	6.56	1349.63	1491.29	273.14	0.0
154	25.000	25.00	0.0	0.0	1234.00	705.10	711.38	0.0	6.74	1342.75	1491.47	318.10	0.0
154	25.000	25.00	0.0	0.0	1684.00	705.10	711.97	0.0	7.14	1329.44	1491.81	411.26	0.60
154	75.000	50.00	0.0	0.0	630.00	705.20	710.58	0.0	5.37	1362.59	1490.96	194.44	0.0
154	75.000	50.00	0.0	0.0	1040.00	705.20	711.33	0.0	6.06	1345.87	1491.39	297.48	0.0
154	75.000	50.00	0.0	0.0	1234.00	705.20	711.63	0.0	6.29	1339.28	1491.56	341.62	0.0
154	75.000	50.00	0.0	0.0	1684.00	705.20	712.22	0.0	6.75	1326.20	1491.90	435.21	0.59
209	125.000	50.00	0.0	0.0	630.00	705.30	710.77	0.0	6.61	1410.91	1539.11	162.65	0.0
209	125.000	50.00	0.0	0.0	1040.00	705.30	711.59	0.0	5.67	1392.45	1540.97	277.53	0.0
209	125.000	50.00	0.0	0.0	1234.00	705.30	711.89	0.0	5.59	1385.79	1541.64	323.17	0.0
209	125.000	50.00	0.0	0.0	1684.00	705.30	712.48	0.0	5.59	1372.69	1542.95	419.24	0.59
251	167.000	42.00	712.30	713.30	630.00	705.30	713.75	0.0	1.17	1364.75	1615.01	698.78	0.0
251	167.000	42.00	712.30	710.30	1040.00	705.30	714.28	0.0	1.58	1362.36	1629.21	834.59	0.0
251	167.000	42.00	712.30	710.30	1234.00	705.30	714.48	0.0	1.75	1361.47	1634.48	887.18	0.0
251	167.000	42.00	712.30	710.30	1684.00	705.30	714.86	0.0	2.10	1356.94	1644.79	993.73	0.38
301	217.000	50.00	0.0	0.0	630.00	705.40	713.75	0.0	1.59	1315.29	1547.09	692.92	0.0
301	217.000	50.00	0.0	0.0	1040.00	705.40	714.28	0.0	2.23	1312.90	1576.56	824.35	0.0
301	217.000	50.00	0.0	0.0	1234.00	705.40	714.47	0.0	2.51	1312.02	1587.35	876.65	0.0
301	217.000	50.00	0.0	0.0	1684.00	705.40	714.85	0.0	3.07	1310.32	1604.05	985.16	0.38
351	267.000	50.00	0.0	0.0	630.00	705.50	713.75	0.0	1.64	1315.71	1541.80	671.11	0.0
351	267.000	50.00	0.0	0.0	1040.00	705.50	714.29	0.0	2.30	1313.31	1571.48	800.45	0.0
351	267.000	50.00	0.0	0.0	1234.00	705.50	714.49	0.0	2.57	1312.43	1582.34	852.09	0.0
351	267.000	50.00	0.0	0.0	1684.00	705.50	714.87	0.0	3.15	1310.71	1601.74	959.89	0.39
401	320.000	183.00	0.0	0.0	630.00	706.40	713.78	0.0	2.21	1315.63	1496.84	496.75	0.0
401	320.000	183.00	0.0	0.0	1040.00	706.40	714.34	0.0	3.00	1317.13	1524.37	603.14	0.0
401	320.000	183.00	0.0	0.0	1234.00	706.40	714.54	0.0	3.32	1316.19	1535.87	647.33	0.0
401	320.000	183.00	0.0	0.0	1684.00	706.40	714.95	0.0	3.98	1314.35	1558.62	742.31	0.41
450	500.000	50.00	0.0	0.0	630.00	706.50	713.80	0.0	2.28	1320.16	1494.48	481.21	0.0
450	500.000	50.00	0.0	0.0	1040.00	706.50	714.36	0.0	3.08	1317.49	1519.86	596.49	0.0
450	500.000	50.00	0.0	0.0	1234.00	706.50	714.57	0.0	3.41	1316.54	1531.55	630.41	0.0
450	500.000	50.00	0.0	0.0	1684.00	706.50	714.99	0.0	4.07	1314.67	1554.67	725.11	0.42

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
550.000	50.00	0.0	0.0	630.00	706.80	713.81	0.0	2.24	1063.36	1228.57	387.62	0.0
550.000	50.00	0.0	0.0	1040.00	706.80	714.39	0.0	2.79	1055.69	1242.06	488.29	0.0
550.000	50.00	0.0	0.0	1234.00	706.80	714.60	0.0	3.01	1054.72	1254.08	530.01	0.0
550.000	50.00	0.0	0.0	1684.00	706.80	715.03	0.0	3.43	1052.79	1277.89	621.00	0.43
594.000	44.00	716.50	713.80	630.00	706.80	717.28	0.0	0.60	1042.68	1353.51	1251.58	0.0
594.000	44.00	716.50	713.80	1040.00	706.80	718.09	0.0	0.80	1038.99	1361.42	1511.09	0.0
594.000	44.00	716.50	713.80	1234.00	706.80	718.37	0.0	0.89	1037.76	1364.05	1599.62	0.0
594.000	44.00	716.50	713.80	1684.00	706.80	718.92	0.0	1.07	1035.29	1369.33	1780.50	0.55
644.000	50.00	0.0	0.0	630.00	707.00	717.28	0.0	0.92	1300.57	1614.42	1236.53	0.0
644.000	50.00	0.0	0.0	1040.00	707.00	718.09	0.0	1.25	1302.89	1622.10	1493.04	0.0
644.000	50.00	0.0	0.0	1234.00	707.00	718.37	0.0	1.40	1301.66	1624.66	1580.33	0.0
644.000	50.00	0.0	0.0	1684.00	707.00	718.91	0.0	1.70	1299.21	1629.78	1758.80	0.54
694.000	50.00	0.0	0.0	630.00	707.20	717.28	0.0	0.97	1307.49	1612.50	1173.61	0.0
694.000	50.00	0.0	0.0	1040.00	707.20	718.10	0.0	1.31	1303.82	1620.16	1427.17	0.0
694.000	50.00	0.0	0.0	1234.00	707.20	718.37	0.0	1.46	1302.58	1622.75	1515.05	0.0
694.000	50.00	0.0	0.0	1684.00	707.20	718.92	0.0	1.77	1300.12	1627.88	1691.90	0.55
1340.000	646.00	0.0	0.0	630.00	710.20	717.31	0.0	1.65	1167.63	1506.60	697.59	0.0
1340.000	646.00	0.0	0.0	1038.00	710.20	718.14	0.0	1.99	1164.36	1600.27	986.88	0.0
1340.000	646.00	0.0	0.0	1229.00	710.20	718.43	0.0	2.14	1163.24	1602.42	1104.91	0.0
1340.000	646.00	0.0	0.0	1671.00	710.20	719.00	0.0	2.41	1160.59	1606.73	1356.30	0.57
1390.000	50.00	0.0	0.0	630.00	710.50	717.31	0.0	1.86	1168.77	1501.85	599.88	0.0
1390.000	50.00	0.0	0.0	1038.00	710.50	718.15	0.0	2.21	1165.48	1515.54	885.75	0.0
1390.000	50.00	0.0	0.0	1229.00	710.50	718.43	0.0	2.36	1164.35	1600.27	987.34	0.0
1390.000	50.00	0.0	0.0	1671.00	710.50	719.00	0.0	2.65	1162.12	1604.58	1229.77	0.57
1440.000	50.00	0.0	0.0	630.00	711.50	717.25	0.0	4.56	1410.91	1622.23	243.07	0.0
1440.000	50.00	0.0	0.0	1038.00	711.50	718.12	0.0	4.09	1398.51	1720.61	478.31	0.0
1440.000	50.00	0.0	0.0	1229.00	711.50	718.42	0.0	3.99	1397.35	1732.59	576.10	0.0
1440.000	50.00	0.0	0.0	1671.00	711.50	719.00	0.0	3.86	1395.05	1742.18	776.01	0.58
1548.000	108.00	750.10	720.00	630.00	711.50	717.53	0.0	3.72	1406.39	1654.79	308.97	0.0
1548.000	108.00	750.10	720.00	1038.00	711.50	718.12	0.0	4.09	1398.51	1720.65	478.41	0.0
1548.000	108.00	750.10	720.00	1229.00	711.50	718.42	0.0	3.99	1397.35	1732.59	576.05	0.0
1548.000	108.00	750.10	720.00	1671.00	711.50	719.00	0.0	3.88	1395.08	1742.05	773.17	0.58
1600.000	52.00	0.0	0.0	630.00	712.00	717.53	0.0	3.07	1185.32	1366.21	260.22	0.0
1600.000	52.00	0.0	0.0	1038.00	712.00	718.07	0.0	4.15	1176.82	1429.77	377.48	0.0
1600.000	52.00	0.0	0.0	1229.00	712.00	718.34	0.0	4.39	1172.44	1460.64	452.63	0.0
1600.000	52.00	0.0	0.0	1671.00	712.00	718.91	0.0	4.73	1168.38	1503.46	632.88	0.57
1650.000	50.00	0.0	0.0	235.00	712.40	717.68	0.0	1.24	1189.33	1334.51	218.87	0.0
1650.000	50.00	0.0	0.0	434.00	712.40	718.30	0.0	1.85	1179.41	1411.56	337.72	0.0
1650.000	50.00	0.0	0.0	542.00	712.40	718.59	0.0	2.06	1174.87	1443.50	409.69	0.0
1650.000	50.00	0.0	0.0	809.00	712.40	719.15	0.0	2.45	1169.01	1500.86	579.87	0.56
1700.000	50.00	0.0	0.0	235.00	713.90	717.95	717.95	8.18	1257.41	1286.19	39.39	0.0
1700.000	50.00	0.0	0.0	434.00	713.90	719.01	719.01	7.15	1191.88	1314.28	96.72	0.0
1700.000	50.00	0.0	0.0	542.00	713.90	719.16	719.16	7.65	1189.51	1333.05	116.69	0.0
1700.000	50.00	0.0	0.0	809.00	713.90	719.51	719.51	8.02	1184.11	1375.77	173.97	0.34

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* 1894.000	194.00	719.90	721.60	235.00	717.60	720.67	0.0	5.43	1250.31	1469.91	83.37	0.0
* 1894.000	194.00	719.90	721.60	434.00	717.60	720.88	0.0	6.70	1248.23	1488.77	120.91	0.0
* 1894.000	194.00	719.90	721.60	542.00	717.60	721.08	0.0	5.74	1246.41	1509.52	166.26	0.0
* 1894.000	194.00	719.90	721.60	809.00	717.60	721.42	0.0	5.03	1244.04	1547.54	255.63	0.34
* 1944.000	50.00	0.0	0.0	235.00	718.20	721.61	721.61	8.08	1099.90	1120.36	31.76	0.0
* 1944.000	50.00	0.0	0.0	434.00	718.20	722.79	722.79	8.71	1091.90	1134.38	68.79	0.0
* 1944.000	50.00	0.0	0.0	542.00	718.20	723.22	723.22	9.06	1089.01	1139.43	88.49	0.0
* 1944.000	50.00	0.0	0.0	809.00	718.20	723.94	723.94	10.09	1084.09	1148.04	129.83	0.72
* 1994.000	50.00	0.0	0.0	235.00	718.70	722.47	0.0	6.82	1097.43	1124.69	40.44	0.0
* 1994.000	50.00	0.0	0.0	434.00	718.70	723.30	723.30	8.68	1091.84	1134.40	69.14	0.0
* 1994.000	50.00	0.0	0.0	542.00	718.70	723.70	723.70	9.11	1089.10	1139.27	87.80	0.0
* 1994.000	50.00	0.0	0.0	809.00	718.70	724.46	724.46	10.02	1083.97	1148.26	130.99	0.75
* 2070.000	76.00	0.0	0.0	230.00	719.70	723.05	723.05	8.13	1100.45	1119.65	30.57	0.0
* 2070.000	76.00	0.0	0.0	425.00	719.70	724.25	724.25	8.70	1092.20	1133.85	66.93	0.0
* 2070.000	76.00	0.0	0.0	531.00	719.70	724.66	724.66	9.10	1089.42	1138.72	85.52	0.0
* 2070.000	76.00	0.0	0.0	792.00	719.70	725.39	725.39	10.05	1084.39	1147.52	127.02	0.74
* 2120.000	50.00	0.0	0.0	230.00	720.60	723.96	723.96	8.12	1100.43	1119.67	30.60	0.0
* 2120.000	50.00	0.0	0.0	425.00	720.60	725.16	725.16	8.64	1092.09	1134.04	67.58	0.0
* 2120.000	50.00	0.0	0.0	531.00	720.60	725.57	725.57	9.05	1089.32	1138.90	86.24	0.0
* 2120.000	50.00	0.0	0.0	792.00	720.60	726.32	726.32	9.96	1084.24	1147.78	128.44	0.75
* 2170.000	50.00	0.0	0.0	230.00	721.60	725.72	725.72	7.69	1095.12	1128.74	40.07	0.0
* 2170.000	50.00	0.0	0.0	425.00	721.60	726.36	726.36	8.81	1090.75	1136.40	65.55	0.0
* 2170.000	50.00	0.0	0.0	531.00	721.60	726.68	726.68	8.90	1088.56	1140.22	81.16	0.0
* 2170.000	50.00	0.0	0.0	792.00	721.60	727.25	727.25	9.47	1084.71	1146.97	113.45	0.57
* 2253.000	88.00	733.30	727.50	230.00	723.50	733.39	0.0	0.55	1163.86	1305.49	545.80	0.0
* 2253.000	88.00	733.30	727.50	425.00	723.50	734.24	0.0	0.80	1158.01	1312.06	672.87	0.0
* 2253.000	88.00	733.30	727.50	531.00	723.50	734.52	0.0	0.92	1156.10	1315.94	716.94	0.0
* 2253.000	88.00	733.30	727.50	792.00	723.50	735.05	0.0	1.21	1152.50	1323.28	804.52	0.53
* 2308.000	50.00	0.0	0.0	230.00	722.70	733.39	0.0	0.67	1050.43	1203.45	674.35	0.0
* 2308.000	50.00	0.0	0.0	425.00	722.70	734.24	0.0	1.02	1044.61	1208.48	809.97	0.0
* 2308.000	50.00	0.0	0.0	531.00	722.70	734.52	0.0	1.20	1042.71	1210.11	856.11	0.0
* 2308.000	50.00	0.0	0.0	792.00	722.70	735.05	0.0	1.61	1039.10	1213.23	946.87	0.53
* 2340.000	32.00	0.0	0.0	230.00	722.80	733.39	0.0	0.69	1051.11	1202.86	659.14	0.0
* 2340.000	32.00	0.0	0.0	425.00	722.80	734.24	0.0	1.04	1045.28	1207.89	793.79	0.0
* 2340.000	32.00	0.0	0.0	531.00	722.80	734.52	0.0	1.23	1043.38	1209.53	839.66	0.0
* 2340.000	32.00	0.0	0.0	792.00	722.80	735.05	0.0	1.65	1039.77	1212.66	929.80	0.53
* 2390.000	50.00	0.0	0.0	230.00	723.00	733.39	0.0	0.48	1052.47	1201.69	618.45	0.0
* 2390.000	50.00	0.0	0.0	425.00	723.00	734.25	0.0	0.70	1046.63	1206.73	751.06	0.0
* 2390.000	50.00	0.0	0.0	531.00	723.00	734.53	0.0	0.82	1044.73	1208.37	796.34	0.0
* 2390.000	50.00	0.0	0.0	792.00	723.00	735.06	0.0	1.08	1041.10	1211.50	885.44	0.53
* 2807.000	417.00	733.90	732.10	230.00	728.10	734.84	0.0	2.76	1085.28	1185.35	139.12	0.0
* 2807.000	417.00	733.90	732.10	425.00	728.10	735.41	0.0	3.46	1083.20	1196.34	199.47	0.0
* 2807.000	417.00	733.90	732.10	531.00	728.10	735.64	0.0	3.75	1082.34	1200.56	226.56	0.0
* 2807.000	417.00	733.90	732.10	792.00	728.10	736.12	0.0	4.26	1080.60	1206.42	284.47	0.47

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
2857.000	50.00	0.0	0.0	230.00	728.50	734.81	0.0	3.39	1062.37	1115.59	95.66	0.0
2857.000	50.00	0.0	0.0	425.00	728.50	735.28	0.0	5.24	1060.72	1127.82	124.35	0.0
2857.000	50.00	0.0	0.0	531.00	728.50	735.46	0.0	6.12	1060.11	1132.41	136.82	0.0
2857.000	50.00	0.0	0.0	792.00	728.50	735.77	0.0	8.12	1059.04	1140.32	160.53	0.31
2907.000	50.00	0.0	0.0	230.00	728.90	734.84	0.0	5.87	1063.62	1106.30	78.28	0.0
2907.000	50.00	0.0	0.0	425.00	728.90	735.35	0.0	5.94	1061.87	1119.33	103.73	0.0
2907.000	50.00	0.0	0.0	531.00	728.90	735.55	0.0	6.88	1061.17	1124.54	116.00	0.0
2907.000	50.00	0.0	0.0	792.00	728.90	735.96	0.0	8.81	1059.77	1134.88	143.91	0.41
* 3200.000	293.00	0.0	0.0	200.00	733.10	735.74	735.74	8.67	1205.00	1215.02	23.06	0.0
* 3200.000	293.00	0.0	0.0	369.00	733.10	736.96	736.96	10.30	1204.53	1215.52	35.84	0.0
* 3200.000	293.00	0.0	0.0	462.00	733.10	737.53	737.53	10.95	1204.30	1215.76	42.20	0.0
* 3200.000	293.00	0.0	0.0	692.00	733.10	739.08	739.08	11.22	1194.58	1218.34	66.11	1.55

SUMMARY OF ERRORS

CAUTION SECNO= 1548.000 PROFILE= 1 HYDRAULIC JUMP O.S.

CAUTION SECNO= 1700.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1700.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1700.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1700.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1700.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1700.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1700.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1700.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1700.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1700.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1700.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1700.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1894.000 PROFILE= 1 WSEL ASSUMED BASED ON MIN DIFF
CAUTION SECNO= 1894.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1894.000 PROFILE= 2 WSEL ASSUMED BASED ON MIN DIFF
CAUTION SECNO= 1894.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1944.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1944.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1944.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1944.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1944.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1944.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1944.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1944.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1944.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1944.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1944.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1944.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1994.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1994.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1994.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1994.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1994.000 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION	SECNO=	1994,000	PROFILE=	4	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2070,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2070,000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2070,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2070,000	PROFILE=	2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2070,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2070,000	PROFILE=	3	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2070,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2070,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2070,000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2120,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2120,000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2120,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2120,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2120,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2120,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2120,000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2120,000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2120,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2120,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2120,000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2170,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2170,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2170,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2170,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2170,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2170,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2170,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2170,000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2170,000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	2170,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	2170,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	2170,000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	3200,000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	3200,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	3200,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	3200,000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	3200,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	3200,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	3200,000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	3200,000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	3200,000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	3200,000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	3200,000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	3200,000	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
25.000	0.	-1.1	-0.3	0.6
75.000	50.	-1.0	-0.3	0.6
125.000	100.	-1.1	-0.3	0.6
167.000	142.	-0.7	-0.2	0.4
217.000	192.	-0.7	-0.2	0.4
267.000	242.	-0.7	-0.2	0.4
450.000	425.	-0.8	-0.2	0.4
500.000	475.	-0.8	-0.2	0.4
550.000	525.	-0.8	-0.2	0.4
594.000	569.	-1.1	-0.3	0.5
644.000	619.	-1.1	-0.3	0.5
694.000	669.	-1.1	-0.3	0.5
1340.000	1315.	-1.1	-0.3	0.6
1390.000	1365.	-1.1	-0.3	0.6
1440.000	1415.	-1.2	-0.3	0.6
1548.000	1523.	-0.9	-0.3	0.6
1600.000	1575.	-0.8	-0.3	0.6
1650.000	1625.	-0.9	-0.3	0.6
1700.000	1675.	-1.2	-0.2	0.3
1894.000	1859.	-0.4	-0.2	0.3
1944.000	1919.	-1.6	-0.4	0.7
1994.000	1969.	-1.2	-0.4	0.8
2070.000	2045.	-1.6	-0.4	0.7
2120.000	2095.	-1.6	-0.4	0.7
2170.000	2145.	-1.0	-0.3	0.6
2258.000	2233.	-1.1	-0.3	0.5
2308.000	2283.	-1.1	-0.3	0.5
2340.000	2315.	-1.1	-0.3	0.5
2390.000	2365.	-1.1	-0.3	0.5
2807.000	2782.	-0.8	-0.2	0.5
2857.000	2832.	-0.7	-0.2	0.3
2907.000	2882.	-0.7	-0.2	0.4
3200.000	3175.	-1.6	-0.6	1.6
WEIGHTED AVG FOR REACH	-1.0	-0.3		0.6

FHF FOR THE REACH = 0.10 WITH 90.40 OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = " 2

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

EJ

MADE IN U.S.A.