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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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C  
 1 LEXINGTON-DAVIDSON CO. STRM 16L-13-16L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	EQ
.	-1.	2.	0.	0.	0.010000	0.0	0.0	0.	631.400	0.0
J2	NPROF	IPLT	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	1.000	34.000	3.000	4.000	27.000	28.000	26.000	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	675.000	1128.000	1341.000	1836.000	1341.000	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	200.000	16.000	1413.000	1448.000	200.000	200.000	200.000	0.0	0.0	0.0
GR	653.600	1000.000	646.300	1100.000	640.800	1200.000	635.500	1300.000	639.200	1319.000
GR	639.300	1322.000	639.200	1326.000	636.200	1335.000	635.200	1400.000	636.200	1413.000
GR	628.400	1428.000	626.400	1435.000	628.500	1443.000	635.700	1448.000	636.700	1500.000
GR	651.100	1536.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	574.000	972.000	1163.000	1612.000	1163.000	0.0	0.0	0.0	0.0
X1	1875.000	13.000	1265.000	1283.000	1675.000	1675.000	1675.000	0.0	-1.700	0.0
GR	665.700	1000.000	656.200	1100.000	652.200	1200.000	651.000	1265.000	645.800	1271.000
GR	645.300	1273.000	645.900	1276.000	650.100	1283.000	651.400	1300.000	651.600	1363.000
GR	660.000	1360.000	662.800	1400.000	665.600	1418.000	0.0	0.0	0.0	0.0
X1	1950.000	0.0	0.0	0.0	75.000	75.000	75.000	0.0	0.800	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2000.000	18.000	1392.000	1397.600	50.000	50.000	50.000	0.0	0.0	0.0
GR	676.300	1000.000	668.600	1100.000	665.300	1122.000	655.800	1222.000	651.800	1322.900
GR	650.600	1387.000	646.700	1392.000	644.900	1392.000	644.900	1397.600	646.800	1397.600
GR	649.700	1405.000	651.000	1422.000	651.200	1485.000	659.600	1502.000	662.400	1522.000
GR	665.200	1540.000	671.500	1600.000	676.300	1657.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.600	0.010	38.200	0.0	0.0	0.0
X1	2065.000	0.0	0.0	0.0	65.000	65.000	65.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	651.900	0.0	0.0	0.0	0.0	0.0	0.0
BT	10.000	1000.000	676.300	0.0	1100.000	668.600	0.0	1200.000	663.800	0.0
BT	1300.000	662.000	0.0	1392.000	662.300	651.900	1397.600	662.500	651.900	1400.000
BT	662.600	0.0	1500.000	665.200	0.0	1600.000	671.500	0.0	1657.000	676.300
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2115.000	13.000	1265.000	1283.000	50.000	50.000	50.000	0.0	0.500	0.0
GR	665.700	1000.000	656.200	1100.000	652.200	1200.000	651.000	1265.000	645.800	1271.000
GR	645.300	1273.000	645.900	1276.000	650.100	1283.000	651.400	1300.000	651.600	1363.000
GR	660.000	1380.000	662.800	1400.000	665.600	1418.000	0.0	0.0	0.0	0.0
X1	2190.000	0.0	0.0	0.0	75.000	75.000	75.000	0.0	1.400	0.0
QT	5.000	482.000	822.000	990.000	1387.000	990.000	0.0	0.0	0.0	0.0
X1	3290.000	8.000	1087.000	1110.000	1100.000	1100.000	1100.000	0.0	6.400	0.0
GR	680.200	1000.000	665.200	1087.000	662.000	1092.000	661.200	1097.000	661.900	1102.000
GR	666.400	1110.000	672.200	1200.000	680.200	1261.000	0.0	0.0	0.0	0.0
X1	3340.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.900	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	3390.000	15.000	1502.400	1511.600	50.000	50.000	50.000	0.0	0.0	0.0
GR	705.500	1000.000	705.300	1100.000	706.500	1200.000	707.400	1300.000	688.400	1410.000
GR	673.400	1497.000	670.200	1502.400	669.400	1502.400	669.400	1511.600	670.000	1511.600
GR	670.100	1512.000	674.600	1520.000	680.400	1610.000	688.400	1671.000	711.900	1775.000
SB	1.250	1.500	2.500	0.0	9.200	2.500	26.400	0.0	0.0	0.0
X1	3565.000	0.0	0.0	0.0	175.000	175.000	175.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	672.700	0.0	0.0	0.0	0.0	0.0	0.0
BT	11.000	1000.000	705.500	0.0	1100.000	705.300	0.0	1200.000	706.500	0.0
BT	1300.000	707.400	0.0	1400.000	708.400	0.0	1500.000	709.200	0.0	1502.400
BT	709.200	672.700	1511.600	709.300	672.700	1600.000	710.300	0.0	1700.000	711.300
BT	0.0	1775.000	711.900	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	3615.000	8.000	1087.000	1110.000	50.000	50.000	50.000	0.0	9.000	0.0
GR	680.200	1000.000	665.200	1087.000	662.000	1092.000	661.200	1097.000	661.900	1102.000
GR	666.400	1110.000	672.200	1200.000	680.200	1261.000	0.0	0.0	0.0	0.0
X1	3665.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
QT	5.000	289.000	515.000	633.000	921.000	633.000	0.0	0.0	0.0	0.0
X1	5590.000	10.000	1153.000	1172.000	1925.000	1925.000	1925.000	0.0	0.0	0.0
GR	718.600	1000.000	705.100	1100.000	703.600	1153.000	702.100	1155.000	701.100	1158.000
GR	702.300	1165.000	703.800	1172.000	703.300	1194.000	709.100	1200.000	718.600	1238.000
QT	5.000	188.000	348.000	436.000	658.000	436.000	0.0	0.0	0.0	0.0
X1	6425.000	9.000	1032.000	1040.000	835.000	835.000	835.000	0.0	4.900	0.0
GR	735.800	1000.000	720.000	1032.000	717.200	1032.000	716.700	1037.000	717.400	1039.000
GR	720.200	1040.000	725.000	1100.000	731.300	1200.000	735.800	1239.000	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
X1	6500.000	17.000	1423.500	1428.500	75.000	75.000	75.000	0.0	0.0	0.0
GR	749.200	1000.000	745.200	1100.000	740.900	1200.000	736.700	1300.000	734.300	1400.000
GR	734.400	1406.000	726.700	1421.000	725.900	1423.500	724.100	1424.200	723.400	1426.000
GR	724.100	1427.800	725.900	1428.500	726.900	1429.000	731.700	1489.000	738.000	1589.000
GR	742.500	1628.000	749.200	1668.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	4.000	2.500	0.0	5.000	0.010	19.630	0.0	0.0	0.0
X1	6766.000	0.0	0.0	0.0	266.000	266.000	266.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	728.400	0.0	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	749.200	0.0	1100.000	743.200	0.0	1200.000	740.900	0.0
BT	1300.000	736.700	0.0	1400.000	734.300	0.0	1423.500	734.400	725.900	1424.200
BT	734.400	727.700	1426.000	734.500	728.400	1427.800	734.500	727.700	1428.500	734.500
BT	725.900	1500.000	738.100	0.0	1600.000	747.200	0.0	1668.000	749.200	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	6790.000	8.000	1246.000	1250.000	24.000	24.000	24.000	0.0	0.300	0.0
GR	744.400	1000.000	734.400	1100.000	731.100	1200.000	725.200	1246.000	724.600	1248.000
GR	725.200	1250.000	733.400	1300.000	744.400	1400.000	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

X1	6900.000	17.000	1687.500	1692.500	110.000	110.000	110.000	0.0	0.0	0.0
GR	765.500	1000.000	748.800	1125.000	747.800	1200.000	747.300	1300.000	747.700	1400.000
GR	748.400	1475.000	741.700	1542.000	738.400	1642.000	734.400	1687.500	732.600	1688.200
GR	731.900	1690.000	732.600	1691.800	734.400	1692.500	740.700	1742.000	751.700	1842.000
GR	760.500	1900.000	765.300	2000.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	2.000	2.500	0.0	5.000	0.010	19.630	0.0	0.0	0.0

X1	7113.000	0.0	0.0	0.0	213.000	213.000	213.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	736.900	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	765.500	0.0	1125.000	748.800	0.0	1200.000	747.800	0.0
BT	1300.000	747.300	0.0	1400.000	747.700	0.0	1500.000	748.700	0.0	1600.000
BT	750.300	0.0	1687.500	752.800	734.400	1688.200	752.800	736.200	1690.000	752.900
BT	736.900	1691.800	752.800	736.200	1692.500	752.900	734.400	1700.000	753.200	0.0
BT	1800.000	757.100	0.0	1900.000	760.500	0.0	2000.000	765.300	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	7163.000	8.000	1246.000	1250.000	50.000	50.000	50.000	0.0	8.400	0.0
GR	744.400	1000.000	734.400	1100.000	731.100	1200.000	725.200	1248.000	724.600	1248.000
GR	725.200	1250.000	733.400	1300.000	744.400	1400.000	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

X1	7213.000	12.000	1251.500	1254.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	753.800	1000.000	754.000	1005.000	744.000	1105.000	740.700	1205.000	735.700	1251.500
GR	734.600	1251.900	734.200	1253.000	734.600	1254.100	735.700	1254.500	742.200	1300.000
GR	746.100	1400.000	754.600	1500.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	3.000	0.010	7.100	0.0	0.0	0.0

X1	7266.000	0.0	0.0	0.0	53.000	53.000	53.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	737.200	0.0	0.0	0.0	0.0	0.0	0.0
BT	11.000	1000.000	753.800	0.0	1100.000	750.800	0.0	1200.000	742.900	0.0
BT	1251.500	742.200	735.700	1251.900	742.200	736.800	1253.000	742.200	737.200	1254.100
BT	742.200	736.800	1254.500	742.200	735.700	1300.000	742.200	0.0	1400.000	746.100
BT	0.0	1500.000	754.600	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	7316.000	14.000	1269.000	1279.000	50.000	50.000	50.000	0.0	-4.300	0.0
GR	759.200	1000.000	753.900	1065.000	751.800	1069.000	750.200	1100.000	744.200	1100.000
GR	742.200	1200.000	743.100	1269.000	740.800	1272.000	739.800	1274.000	740.600	1277.000
GR	742.900	1279.000	744.600	1300.000	758.200	1400.000	759.200	1411.000	0.0	0.0
QT	5.000	168.000	312.000	394.000	596.000	394.000	0.0	0.0	0.0	0.0

X1	7413.000	14.000	1269.000	1279.000	97.000	97.000	97.000	0.0	-1.900	0.0
GR	759.200	1000.000	753.900	1065.000	751.800	1069.000	750.200	1100.000	744.200	1111.000
GR	742.200	1200.000	743.100	1269.000	740.800	1272.000	739.800	1274.000	740.600	1277.000
GR	742.900	1279.000	744.600	1300.000	758.200	1400.000	759.200	1411.000	0.0	0.0

X1	7563.000	0.0	0.0	0.0	150.000	150.000	150.000	0.0	3.800	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	7613.000	20.000	1605.200	1610.700	50.000	50.000	50.000	0.0	0.0	0.0
GR	763.200	1000.000	758.300	1100.000	754.900	1200.000	752.800	1300.000	750.800	1400.000
GR	750.300	1440.000	747.400	1445.000	745.400	1484.000	746.300	1603.000	744.600	1605.200
GR	743.000	1605.200	743.000	1610.700	743.400	1610.700	743.800	1611.000	746.100	1613.000
GR	747.800	1634.000	761.400	1734.000	762.400	1745.000	761.500	1800.000	763.200	1836.000
SB	0.900	1.500	2.500	0.0	5.500	0.010	12.650	0.0	0.0	0.0

X1	7685.000	0.0	0.0	0.0	72.000	72.000	72.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	746.200	0.0	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	763.200	0.0	1100.000	758.300	0.0	1200.000	754.900	0.0
BT	1390.000	752.800	0.0	1400.000	750.800	0.0	1500.000	749.700	0.0	1600.000
BT	751.500	0.0	1605.200	751.700	746.200	1610.700	751.700	746.200	1700.000	756.500
BT	0.0	1800.000	761.500	0.0	1836.000	763.200	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	7735.000	14.000	1269.000	1279.000	50.000	50.000	50.000	0.0	4.500	0.0
GR	759.200	1000.000	753.900	1065.000	751.800	1069.000	750.200	1100.000	744.200	1111.000
								0.0	0.0	11.46

GR	742.200	1200.000	743.100	1269.000	740.800	1272.000	739.800	1274.000	740.600	1277.000
GR	742.900	1279.000	744.600	1300.000	758.200	1400.000	759.200	1411.000	0.0	0.0
X1	7885.000	0.0	0.0	0.0	150.000	150.000	150.000	0.0	1.200	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
200.00	5.27	631.67	0.0	631.40	632.85	1.18	0.0	0.0	636.20
675.	0.	675.	0.	0.	78.	0.	0.	0.	635.70
0.0	0.0	8.71	0.0	0.055	0.035	0.055	0.0	626.40	1421.70
0.010062	200.	200.	200.	0	0	4	0.0	23.50	1445.20
1875.00	5.60	649.20	648.99	0.0	650.49	1.29	17.61	0.03	649.30
574.	0.	568.	6.	0.	62.	4.	3.	1.	648.40
0.05	0.0	9.17	1.54	0.055	0.035	0.055	0.035	643.60	1265.12
0.011078	1675.	1675.	1675.	7	5	1	0.0	28.35	1293.46
1950.00	5.66	650.06	649.76	0.0	651.30	1.24	0.81	0.00	650.10
574.	0.	566.	8.	0.	63.	5.	3.	1.	649.20
0.05	0.0	9.00	1.57	0.055	0.035	0.055	0.035	644.40	1265.05
0.010511	75.	75.	75.	4	5	1	0.0	29.15	1294.20

CCHV= 0.100 CEHV= 0.300  
3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
2000.00	6.40	651.30	651.30	0.0	651.87	0.57	0.25	0.0	646.70
574.	89.	279.	206.	27.	36.	51.	3.	1.	646.80
0.06	3.37	7.78	4.02	0.025	0.025	0.025	0.035	644.90	1349.08
0.002832	50.	50.	50.	30	11	1	0.0	136.12	1485.20

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	ROLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.90	1.50	2.50	0.0	5.60	0.01	38.20	0.0	644.90	644.90

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
								0.0	0.0
								11.65	65.96
								0.0	11.46

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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 LEXINGTON-DAVIDSON CO. STRM 16L-13-16L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.010000	0.0	0.0	0.	632.400	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	I..ACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	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
200.00	6.66	633.06	0.0	632.40	634.62	1.56	0.0	0.0	636.20
112A.	0.	1128.	0.	0.	113.	0.	0.	0.	635.70
0.0	0.0	10.02	0.0	0.055	0.035	0.055	0.0	626.40	1419.04
0.010053	200.	200.	200.	0	0	4	0.0	27.13	1446.17

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	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
1875.00	7.05	650.65	650.65	0.0	651.43	0.78	12.52	0.0	649.30
972.	81.	719.	172.	49.	89.	81.	6.	4.	648.40
0.07	1.65	8.17	2.12	0.055	0.035	0.055	0.035	643.60	1196.26
0.005560	1675.	1675.	1675.	4	8	1	0.0	168.25	1364.52

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

291.00 677.65 65.96 0.0 0.0 11.46

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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 LEXINGTON-DAVIDSON CO. STRM 16L-13-16L  
 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	FQ
	-10.	4.	0.	0.	0.010000	0.0	0.0	0.	634.400	0.0
J2	NPROF	IPL0T	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

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	QLOSS	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	ENUST
200.00	7.23	633.62	0.0	634.40	635.32	1.70	0.0	0.0	636.20
1341.	0.	1341.	0.	0.	128.	0.	0.	0.	635.70
0.0	0.0	10.45	0.0	0.055	0.035	0.055	0.0	626.40	1417.95
0.009946	200.	200.	200.	0	0	4	0.0	28.61	1446.56

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOC	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	ENUST
1875.00	7.35	650.95	650.95	0.0	651.68	0.72	12.03	0.0	649.30
1163.	140.	770.	254.	71.	93.	106.	8.	4.	648.40
0.07	1.97	8.24	2.39	0.055	0.035	0.055	0.035	643.60	1188.70
0.005216	1675.	1675.	1675.	4	5	1	0.0	176.43	1365.13

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 LEXINGTON-DAVIDSON CO. STRM 16L-13-16L  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918-  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	5.	0.	0.	0.010000	0.0	0.0	0.	635.400	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

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	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
200.00	8.33	634.73	0.0	635.40	636.74	2.00	0.0	0.0	636.20
1836.	0.	1836.	0.	0.	162.	0.	0.	0.	635.70
0.0	0.0	11.35	0.0	0.055	0.035	0.055	0.0	626.40	1415.82
0.009961	200.	200.	200.	3	0	4	0.0	31.51	1447.33

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	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
1875.00	7.75	651.35	651.35	0.0	652.17	0.82	12.94	0.0	649.30
1612.	262.	932.	418.	103.	101.	139.	10.	4.	648.40
0.07	2.54	9.27	3.01	0.055	0.035	0.055	0.035	643.60	1178.83
0.005991	1675.	1675.	1675.	3	10	1	0.0	187.10	1365.93

3685 20 TRIALS USED WSEL, CWSEL

7185 MIN SPECIFIC ENERGY



SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
200.00	200.00	0.0	0.0	626.40	675.00	631.67	67.29	632.85	23.50	0.0	0.0	8.71
200.00	200.00	0.0	0.0	626.40	1128.00	633.06	112.50	634.62	27.13	0.0	0.0	10.02
200.00	200.00	0.0	0.0	626.40	1341.00	633.62	134.46	635.32	28.61	0.0	0.0	10.45
200.00	200.00	0.0	0.0	626.40	1836.00	634.73	183.96	636.74	31.51	0.0	0.0	11.35
1875.00	1675.00	0.0	0.0	643.60	574.00	649.20	54.54	650.49	28.35	0.0	0.0	9.17
1875.00	1675.00	0.0	0.0	643.60	972.00	650.65	130.35	651.43	168.25	0.0	0.0	8.17
1875.00	1675.00	0.0	0.0	643.60	1163.00	650.95	161.03	651.67	176.43	0.0	0.0	8.24
1875.00	1675.00	0.0	0.0	643.60	1612.00	651.35	208.26	652.17	187.10	0.0	0.0	9.27
1950.00	75.00	0.0	0.0	644.40	574.00	650.06	55.99	651.30	29.15	0.0	0.0	9.00
1950.00	75.00	0.0	0.0	644.40	972.00	651.52	136.89	652.22	170.11	0.0	0.0	7.85
1950.00	75.00	0.0	0.0	644.40	1163.00	651.67	152.26	652.48	174.22	0.0	0.0	8.62
1950.00	75.00	0.0	0.0	644.40	1612.00	652.08	200.13	652.98	185.39	0.0	0.0	9.57
2000.00	50.00	0.0	0.0	644.90	574.00	651.30	107.86	651.87	136.12	0.0	0.0	7.78
2000.00	50.00	0.0	0.0	644.90	972.00	651.96	192.00	652.42	168.28	0.0	0.0	7.89
2000.00	50.00	0.0	0.0	644.90	1163.00	652.32	261.55	652.68	177.96	0.0	0.0	7.16
2000.00	50.00	0.0	0.0	644.90	1612.00	652.83	387.86	653.18	192.03	0.0	0.0	7.01
2065.00	65.00	662.00	651.90	644.90	574.00	651.30	108.06	651.87	136.24	0.0	0.0	7.76
2065.00	65.00	662.00	651.90	644.90	972.00	662.81	9067.79	662.81	376.40	0.0	0.0	0.31
2065.00	65.00	662.00	651.90	644.90	1163.00	663.18	9636.56	663.18	382.77	0.0	0.0	0.36
2065.00	65.00	662.00	651.90	644.90	1612.00	663.79	10604.63	663.80	393.18	0.0	0.0	0.46
2115.00	50.00	0.0	0.0	645.80	574.00	651.23	50.30	652.68	25.90	0.0	0.0	9.69
2115.00	50.00	0.0	0.0	645.80	972.00	662.81	3794.48	662.81	360.75	0.0	0.0	0.59
2115.00	50.00	0.0	0.0	645.80	1163.00	663.18	4042.80	663.18	367.39	0.0	0.0	0.67
2115.00	50.00	0.0	0.0	645.80	1612.00	663.79	4466.66	663.80	377.85	0.0	0.0	0.87
2190.00	75.00	0.0	0.0	647.20	574.00	652.54	48.27	654.08	24.68	0.0	0.0	9.97
2190.00	75.00	0.0	0.0	647.20	972.00	662.81	2940.55	662.81	336.02	0.0	0.0	0.71
2190.00	75.00	0.0	0.0	647.20	1163.00	663.18	3158.73	663.18	342.66	0.0	0.0	0.81
2190.00	75.00	0.0	0.0	647.20	1612.00	663.79	3531.74	663.80	353.48	0.0	0.0	1.03
3290.00	1100.00	0.0	0.0	667.60	482.00	671.54	39.34	672.84	20.66	0.0	0.0	9.16
3290.00	1100.00	0.0	0.0	667.60	822.00	672.76	73.25	674.38	29.67	0.0	0.0	10.25
3290.00	1100.00	0.0	0.0	667.60	990.00	673.33	95.66	674.98	41.27	0.0	0.0	10.45
3290.00	1100.00	0.0	0.0	667.60	1387.00	674.42	151.74	676.10	64.51	0.0	0.0	10.83
3340.00	50.00	0.0	0.0	668.50	482.00	672.44	39.51	673.74	20.68	0.0	0.0	9.13
3340.00	50.00	0.0	0.0	668.50	822.00	673.67	73.38	675.28	29.70	0.0	0.0	10.24
3340.00	50.00	0.0	0.0	668.50	990.00	674.21	94.85	675.88	40.87	0.0	0.0	10.50
3340.00	50.00	0.0	0.0	668.50	1387.00	675.33	152.18	677.00	64.67	0.0	0.0	10.80
3390.00	50.00	0.0	0.0	669.40	482.00	673.36	64.38	674.71	20.74	0.0	0.0	10.14
3390.00	50.00	0.0	0.0	669.40	822.00	674.80	125.90	676.23	34.21	0.0	0.0	10.87
3390.00	50.00	0.0	0.0	669.40	990.00	675.36	160.63	676.74	46.22	0.0	0.0	10.96
3390.00	50.00	0.0	0.0	669.40	1387.00	676.29	237.05	677.65	65.96	0.0	0.0	11.46

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	EL OF GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWID	STENCL	STENCR	VCH
3565.00	175.00	705.30	672.70	669.40	482.00	681.12	1305.09	681.13	163.36	0.0	0.0	1.03
3565.00	175.00	705.30	672.70	669.40	822.00	697.38	19418.33	697.38	552.73	0.0	0.0	0.21
3565.00	175.00	705.30	672.70	669.40	990.00	705.68	38993.82	705.68	569.14	0.0	0.0	0.15
3565.00	175.00	705.30	672.70	669.40	1387.00	706.54	41570.07	706.55	651.47	0.0	0.0	0.20
3615.00	50.00	0.0	0.0	670.20	482.00	681.11	593.07	681.13	151.71	0.0	0.0	1.42
3615.00	50.00	0.0	0.0	670.20	822.00	697.38	8544.71	697.38	261.00	0.0	0.0	0.33
3615.00	50.00	0.0	0.0	670.20	990.00	705.68	15933.25	705.68	261.00	0.0	0.0	0.26
3615.00	50.00	0.0	0.0	670.20	1387.00	706.54	16802.65	706.55	261.00	0.0	0.0	0.35
3665.00	50.00	0.0	0.0	671.00	482.00	681.11	471.96	681.14	134.70	0.0	0.0	1.69
3665.00	50.00	0.0	0.0	671.00	822.00	697.38	7929.75	697.38	261.00	0.0	0.0	0.35
3665.00	50.00	0.0	0.0	671.00	990.00	705.68	15146.16	705.68	261.00	0.0	0.0	0.27
3665.00	50.00	0.0	0.0	671.00	1387.00	706.54	15999.29	706.55	261.00	0.0	0.0	0.36
5590.00	1925.00	0.0	0.0	701.10	289.00	704.26	28.36	704.83	65.32	0.0	0.0	6.56
5590.00	1925.00	0.0	0.0	701.10	515.00	704.86	52.79	705.52	87.35	0.0	0.0	7.52
5590.00	1925.00	0.0	0.0	701.10	633.00	705.34	80.04	705.83	97.89	0.0	0.0	6.82
5590.00	1925.00	0.0	0.0	701.10	921.00	706.31	158.08	706.65	106.12	0.0	0.0	6.05
6425.00	835.00	0.0	0.0	721.60	188.00	724.66	12.26	725.97	7.84	0.0	0.0	9.19
6425.00	835.00	0.0	0.0	721.60	348.00	726.47	31.78	727.62	28.33	0.0	0.0	9.02
6425.00	835.00	0.0	0.0	721.60	436.00	727.02	42.59	728.13	36.36	0.0	0.0	9.18
6425.00	835.00	0.0	0.0	721.60	658.00	727.87	64.75	729.04	48.66	0.0	0.0	10.08
6500.00	75.00	0.0	0.0	723.40	188.00	727.87	26.43	728.64	22.46	0.0	0.0	7.67
6500.00	75.00	0.0	0.0	723.40	348.00	728.76	50.53	729.56	35.23	0.0	0.0	8.54
6500.00	75.00	0.0	0.0	723.40	436.00	729.04	61.67	729.92	39.37	0.0	0.0	9.13
6500.00	75.00	0.0	0.0	723.40	658.00	729.67	92.90	730.63	48.50	0.0	0.0	9.91
6766.00	266.00	734.30	728.40	723.40	188.00	733.57	611.57	733.57	111.08	0.0	0.0	0.61
6766.00	266.00	734.30	728.40	723.40	348.00	735.43	1155.27	735.44	195.79	0.0	0.0	0.68
6766.00	266.00	734.30	728.40	723.40	436.00	735.72	1268.35	735.73	212.58	0.0	0.0	0.78
6766.00	266.00	734.30	728.40	723.40	658.00	736.25	1496.73	736.26	242.92	0.0	0.0	1.03
6790.00	24.00	0.0	0.0	724.90	188.00	733.57	399.79	733.57	164.89	0.0	0.0	0.80
6790.00	24.00	0.0	0.0	724.90	348.00	735.43	767.37	735.44	223.14	0.0	0.0	0.88
6790.00	24.00	0.0	0.0	724.90	436.00	735.73	841.38	735.73	228.70	0.0	0.0	1.03
6790.00	24.00	0.0	0.0	724.90	658.00	736.26	986.13	736.26	238.80	0.0	0.0	1.37
6900.00	110.00	0.0	0.0	731.90	188.00	735.92	27.40	736.42	34.24	0.0	0.0	6.79
6900.00	110.00	0.0	0.0	731.90	348.00	736.46	45.67	737.13	44.57	0.0	0.0	8.34
6900.00	110.00	0.0	0.0	731.90	436.00	736.77	59.97	737.43	50.63	0.0	0.0	8.38
6900.00	110.00	0.0	0.0	731.90	658.00	737.28	89.26	738.03	60.36	0.0	0.0	9.17
7113.00	213.00	747.30	736.90	731.90	188.00	735.92	27.48	736.42	34.29	0.0	0.0	6.78
7113.00	213.00	747.30	736.90	731.90	348.00	746.22	3955.49	746.22	295.34	0.0	0.0	0.22
7113.00	213.00	747.30	736.90	731.90	436.00	747.78	5527.75	747.78	531.22	0.0	0.0	0.22
7113.00	213.00	747.30	736.90	731.90	658.00	748.18	6025.96	748.19	614.16	0.0	0.0	0.30

3665  
 5590  
 6425  
 6500  
 6766  
 6790  
 6900  
 7113

001  
 200  
 4000  
 2000

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
7163.00	50.00	0.0	0.0	733.00	188.00	736.44	30.18	736.66	43.90	0.0	0.0	5.51
7163.00	50.00	0.0	0.0	733.00	348.00	746.22	1601.99	746.22	274.32	0.0	0.0	0.49
7163.00	50.00	0.0	0.0	733.00	436.00	747.78	2253.80	747.78	304.23	0.0	0.0	0.47
7163.00	50.00	0.0	0.0	733.00	658.00	748.18	2441.47	748.19	311.91	0.0	0.0	0.67
7213.00	50.00	0.0	0.0	734.20	188.00	737.56	24.07	738.03	33.38	0.0	0.0	7.12
7213.00	50.00	0.0	0.0	734.20	348.00	746.22	2476.62	746.22	318.54	0.0	0.0	0.32
7213.00	50.00	0.0	0.0	734.20	436.00	747.78	3884.07	747.78	352.64	0.0	0.0	0.28
7213.00	50.00	0.0	0.0	734.20	658.00	748.18	4302.17	748.19	361.40	0.0	0.0	0.38
7266.00	53.00	742.20	737.20	734.20	188.00	742.80	691.91	742.80	174.21	0.0	0.0	0.49
7266.00	53.00	742.20	737.20	734.20	348.00	746.26	2511.04	746.26	319.49	0.0	0.0	0.31
7266.00	53.00	742.20	737.20	734.20	436.00	747.82	3925.53	747.82	353.53	0.0	0.0	0.27
7266.00	53.00	742.20	737.20	734.20	658.00	748.24	4364.02	748.24	362.65	0.0	0.0	0.38
7316.00	50.00	0.0	0.0	735.50	188.00	742.80	605.66	742.80	218.41	0.0	0.0	0.38
7316.00	50.00	0.0	0.0	735.50	348.00	746.26	1679.53	746.26	250.82	0.0	0.0	0.35
7316.00	50.00	0.0	0.0	735.50	436.00	747.82	2334.55	747.82	286.95	0.0	0.0	0.35
7316.00	50.00	0.0	0.0	735.50	658.00	748.24	2530.82	748.24	290.83	0.0	0.0	0.49
7413.00	97.00	0.0	0.0	737.90	168.00	742.80	146.82	742.81	190.69	0.0	0.0	1.01
7413.00	97.00	0.0	0.0	737.90	312.00	746.26	856.56	746.26	222.45	0.0	0.0	0.50
7413.00	97.00	0.0	0.0	737.90	394.00	747.82	1343.80	747.82	236.81	0.0	0.0	0.46
7413.00	97.00	0.0	0.0	737.90	596.00	748.24	1491.41	748.24	240.66	0.0	0.0	0.65
7563.00	150.00	0.0	0.0	741.70	168.00	744.96	18.87	745.25	116.31	0.0	0.0	5.30
7563.00	150.00	0.0	0.0	741.70	312.00	746.24	104.68	746.28	186.08	0.0	0.0	2.45
7563.00	150.00	0.0	0.0	741.70	394.00	747.82	337.38	747.83	201.92	0.0	0.0	1.25
7563.00	150.00	0.0	0.0	741.70	596.00	748.24	418.58	748.25	205.77	0.0	0.0	1.61
7613.00	50.00	0.0	0.0	743.00	168.00	746.19	36.27	746.40	131.17	0.0	0.0	4.85
7613.00	50.00	0.0	0.0	743.00	312.00	746.42	56.14	746.69	152.95	0.0	0.0	6.10
7613.00	50.00	0.0	0.0	743.00	394.00	747.82	320.89	747.84	189.96	0.0	0.0	1.70
7613.00	50.00	0.0	0.0	743.00	596.00	748.24	443.25	748.27	193.72	0.0	0.0	1.96
7685.00	72.00	749.70	746.20	743.00	168.00	750.00	1146.97	750.00	209.66	0.0	0.0	0.26
7685.00	72.00	749.70	746.20	743.00	312.00	750.73	1526.93	750.73	250.17	0.0	0.0	0.39
7685.00	72.00	749.70	746.20	743.00	394.00	750.98	1673.10	750.98	266.69	0.0	0.0	0.45
7685.00	72.00	749.70	746.20	743.00	596.00	751.32	1881.69	751.32	286.00	0.0	0.0	0.63
7735.00	50.00	0.0	0.0	744.30	168.00	750.00	262.75	750.00	197.98	0.0	0.0	0.64
7735.00	50.00	0.0	0.0	744.30	312.00	750.73	395.13	750.73	204.70	0.0	0.0	0.88
7735.00	50.00	0.0	0.0	744.30	394.00	750.98	447.99	750.99	207.09	0.0	0.0	1.01
7735.00	50.00	0.0	0.0	744.30	596.00	751.31	519.46	751.32	210.13	0.0	0.0	1.37
7885.00	150.00	0.0	0.0	745.50	168.00	750.00	100.35	750.02	185.50	0.0	0.0	1.37
7885.00	150.00	0.0	0.0	745.50	312.00	750.74	191.32	750.75	193.72	0.0	0.0	1.53
7885.00	150.00	0.0	0.0	745.50	394.00	750.99	230.31	751.01	196.12	0.0	0.0	1.67
7885.00	150.00	0.0	0.0	745.50	596.00	751.33	285.00	751.36	199.20	0.0	0.0	2.15

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
200.000	675.000	631.673	0.0	0.0	0.0	23.500	0.0	200.000
200.000	1128.000	633.060	1.387	0.0	0.0	27.130	-3.630	200.000
200.000	1341.000	633.625	0.564	0.0	0.0	28.608	-5.108	200.000

200.000	1836.000	634.734	1.110	0.0	0.0	31.512	-8.012	200.000
1875.000	574.000	649.199	0.0	17.526	0.0	28.349	0.0	1675.000
1875.000	972.000	650.649	1.449	17.589	0.0	168.252	-139.903	1675.000
1875.000	1163.000	650.951	0.303	17.327	0.0	176.427	-148.077	1675.000
1875.000	1612.000	651.346	0.395	16.612	0.0	187.101	-158.752	1675.000
1950.000	574.000	650.062	0.0	0.862	0.0	29.154	0.0	75.000
1950.000	972.000	651.517	1.455	0.868	0.0	170.106	-140.952	75.000
1950.000	1163.000	651.669	0.152	0.718	0.0	174.216	-145.062	75.000
1950.000	1612.000	652.083	0.413	0.736	0.0	185.386	-156.232	75.000
2000.000	574.000	651.299	0.0	1.238	0.0	136.118	0.0	50.000
2000.000	972.000	651.956	0.657	0.439	0.0	168.280	-32.163	50.000
2000.000	1163.000	652.318	0.362	0.649	0.0	177.962	-41.044	50.000
2000.000	1612.000	652.831	0.513	0.748	0.0	192.028	-55.910	50.000
2065.000	574.000	651.302	0.0	0.002	0.0	136.241	0.0	65.000
2065.000	972.000	662.006	11.504	10.850	0.0	376.400	-240.159	65.000
2065.000	1163.000	663.182	0.376	10.864	0.0	382.774	-246.533	65.000
2065.000	1612.000	663.794	0.613	10.964	0.0	393.181	-256.940	65.000
2115.000	574.000	651.228	0.0	-0.074	0.0	25.904	0.0	50.000
2115.000	972.000	662.805	11.578	-0.001	0.0	360.754	-334.850	50.000
2115.000	1163.000	663.181	0.376	-0.001	0.0	367.388	-341.485	50.000
2115.000	1612.000	663.793	0.612	-0.001	0.0	377.854	-351.951	50.000
2190.000	574.000	652.542	0.0	1.314	0.0	24.681	0.0	75.000
2190.000	972.000	662.805	10.264	0.0	0.0	356.022	-311.341	75.000
2190.000	1163.000	663.181	0.376	0.0	0.0	342.658	-317.978	75.000
2190.000	1612.000	663.793	0.612	0.0	0.0	353.481	-328.801	75.000
3290.000	482.000	671.537	0.0	18.995	0.0	20.658	0.0	1100.000
3290.000	822.000	672.760	1.224	9.955	0.0	29.669	-9.011	1100.000
3290.000	990.000	673.330	0.569	10.149	0.0	41.269	-20.611	1100.000
3290.000	1387.000	674.420	1.090	10.627	0.0	64.512	-43.854	1100.000
3340.000	482.000	672.445	0.0	0.908	0.0	20.685	0.0	50.000
3340.000	822.000	673.666	1.221	0.905	0.0	29.704	-9.020	50.000
3340.000	990.000	674.210	0.545	0.881	0.0	40.868	-20.183	50.000
3340.000	1387.000	675.327	1.117	0.908	0.0	64.668	-43.983	50.000
3390.000	482.000	673.362	0.0	0.918	0.0	20.739	0.0	50.000
3390.000	822.000	674.799	1.436	1.133	0.0	34.206	-13.467	50.000
3390.000	990.000	675.362	0.563	1.151	0.0	46.218	-25.479	50.000
3390.000	1387.000	676.288	0.926	0.961	0.0	65.958	-45.219	50.000
3565.000	482.000	681.118	0.0	7.756	0.0	163.361	0.0	175.000
3565.000	822.000	697.379	16.261	22.580	0.0	352.730	-189.370	175.000
3565.000	990.000	705.679	8.300	30.317	0.0	569.135	-405.775	175.000
3565.000	1387.000	706.545	0.866	30.257	0.0	651.466	-488.105	175.000
3615.000	482.000	681.111	0.0	-0.007	0.0	151.706	0.0	50.000
3615.000	822.000	697.379	16.268	0.0	0.0	261.001	-109.296	50.000
3615.000	990.000	705.678	8.299	-0.001	0.0	261.003	-109.298	50.000
3615.000	1387.000	706.544	0.866	-0.001	0.0	261.003	-109.298	50.000
3665.000	482.000	681.107	0.0	-0.003	0.0	134.698	0.0	50.000
3665.000	822.000	697.378	16.271	-0.001	0.0	261.001	-126.303	50.000
3665.000	990.000	705.678	8.300	0.0	0.0	261.003	-126.305	50.000
3665.000	1387.000	706.544	0.866	0.0	0.0	261.003	-126.305	50.000
5590.000	289.000	704.259	0.0	23.152	0.0	65.319	0.0	1925.000
5590.000	515.000	704.865	0.606	7.487	0.0	87.347	-22.029	1925.000
5590.000	633.000	705.337	0.472	-0.341	0.0	97.888	-32.569	1925.000
5590.000	921.000	706.311	0.974	-0.233	0.0	106.118	-40.800	1925.000

6425.000	188.000	724.659	0.0	20.400	0.0	7.843	0.0	835.000
6425.000	348.000	726.471	1.812	21.606	0.0	28.333	-20.490	835.000
6425.000	436.000	727.024	0.553	21.688	0.0	36.365	-28.522	835.000
6425.000	658.000	727.871	0.846	21.559	0.0	48.656	-40.813	835.000
6500.000	188.000	727.873	0.0	3.214	0.0	22.457	0.0	75.000
6500.000	348.000	728.757	0.884	2.286	0.0	35.226	-12.769	75.000
6500.000	436.000	729.044	0.287	2.019	0.0	39.374	-16.917	75.000
6500.000	658.000	729.675	0.631	1.804	0.0	48.495	-26.039	75.000
6766.000	188.000	733.566	0.0	5.693	0.0	111.075	0.0	266.000
6766.000	348.000	735.434	1.868	6.677	0.0	195.795	-84.720	266.000
6766.000	436.000	735.724	0.290	6.680	0.0	212.581	-101.506	266.000
6766.000	658.000	736.252	0.528	6.577	0.0	242.915	-131.840	266.000
6790.000	188.000	733.567	0.0	0.001	0.0	164.890	0.0	24.000
6790.000	348.000	735.435	1.868	0.001	0.0	223.143	-58.254	24.000
6790.000	436.000	735.726	0.291	0.003	0.0	228.699	-63.810	24.000
6790.000	658.000	736.256	0.529	0.004	0.0	238.799	-73.909	24.000
6900.000	188.000	735.920	0.0	2.353	0.0	34.242	0.0	110.000
6900.000	348.000	736.457	0.537	1.022	0.0	44.572	-10.330	110.000
6900.000	436.000	736.772	0.315	1.046	0.0	50.629	-16.387	110.000
6900.000	658.000	737.278	0.506	1.023	0.0	60.363	-26.120	110.000
7113.000	188.000	735.922	0.0	0.003	0.0	34.294	0.0	213.000
7113.000	348.000	746.216	10.294	9.759	0.0	295.341	-261.046	213.000
7113.000	436.000	747.783	1.567	11.011	0.0	531.225	-496.930	213.000
7113.000	658.000	748.185	0.402	10.907	0.0	614.164	-579.870	213.000
7163.000	188.000	736.443	0.0	0.521	0.0	43.503	0.0	50.000
7163.000	348.000	746.216	9.773	0.0	0.0	274.324	-230.822	50.000
7163.000	436.000	747.783	1.567	0.0	0.0	304.233	-260.750	50.000
7163.000	658.000	748.185	0.402	0.0	0.0	311.909	-268.406	50.000
7213.000	188.000	737.563	0.0	1.120	0.0	33.375	0.0	50.000
7213.000	348.000	746.216	8.653	0.0	0.0	318.544	-285.169	50.000
7213.000	436.000	747.783	1.567	0.0	0.0	352.641	-319.266	50.000
7213.000	658.000	748.185	0.402	0.0	0.0	361.395	-328.020	50.000
7266.000	188.000	742.801	0.0	5.238	0.0	174.212	0.0	53.000
7266.000	348.000	746.259	3.458	0.042	0.0	319.493	-145.280	53.000
7266.000	436.000	747.823	1.564	0.040	0.0	353.532	-179.319	53.000
7266.000	658.000	748.241	0.418	0.056	0.0	362.650	-188.438	53.000
7316.000	188.000	742.802	0.0	0.002	0.0	218.406	0.0	50.000
7316.000	348.000	746.259	3.456	0.0	0.0	250.618	-32.413	50.000
7316.000	436.000	747.823	1.564	0.0	0.0	286.947	-68.542	50.000
7316.000	658.000	748.241	0.418	0.0	0.0	290.826	-72.420	50.000
7413.000	168.000	742.801	0.0	-0.001	0.0	190.689	0.0	97.000
7413.000	312.000	746.259	3.458	0.0	0.0	222.447	-31.758	97.000
7413.000	394.000	747.823	1.564	0.0	0.0	236.813	-46.124	97.000
7413.000	596.000	748.241	0.418	0.0	0.0	240.664	-49.974	97.000
7563.000	168.000	744.960	0.0	2.159	0.0	116.314	0.0	150.000
7563.000	312.000	746.241	1.281	-0.018	0.0	186.079	-69.764	150.000
7563.000	394.000	747.821	1.579	-0.003	0.0	201.916	-85.601	150.000
7563.000	596.000	748.238	0.418	-0.003	0.0	205.774	-89.459	150.000
7613.000	168.000	746.191	0.0	1.231	0.0	131.172	0.0	50.000
7613.000	312.000	746.422	0.231	0.181	0.0	152.945	-21.774	50.000
7613.000	394.000	747.819	1.397	-0.001	0.0	189.957	-58.785	50.000
7613.000	596.000	748.236	0.417	-0.002	0.0	193.721	-62.550	50.000

7685.000	168.000	749.999	0.0	3.808	0.0	209.658	0.0	72.000
7685.000	312.000	750.730	0.731	4.308	0.0	250.172	-40.514	72.000
7685.000	394.000	750.982	0.252	3.163	0.0	266.686	-57.028	72.000
7685.000	596.000	751.317	0.335	3.081	0.0	285.995	-76.337	72.000
7735.000	168.000	749.997	0.0	-0.001	0.0	197.984	0.0	50.000
7735.000	312.000	750.729	0.731	-0.001	0.0	204.697	-6.712	50.000
7735.000	394.000	750.980	0.251	-0.002	0.0	207.087	-9.103	50.000
7735.000	596.000	751.313	0.333	-0.004	0.0	210.128	-12.144	50.000
7885.000	168.000	750.004	0.0	0.007	0.0	185.498	0.0	150.000
7885.000	312.000	750.739	0.735	0.011	0.0	193.719	-8.221	150.000
7885.000	394.000	750.993	0.254	0.013	0.0	196.122	-10.624	150.000
7885.000	596.000	751.335	0.342	0.022	0.0	199.203	-13.705	150.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	11.608	0.0
2	0.0	0.0	26.726	15.118
3	0.0	0.0	29.372	17.764
4	0.0	0.0	31.378	19.770

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HEC2 VERSION UPDATED JAN 1975  
ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
MODIFICATIONS 52,53,54,55,56,57,58  
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