
 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,00
 MODIFICATIONS 52,53,54,55,56,57,58

C
 1 THOMASVILLE-DAVIDSON CO. STRM 2T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6910
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-1.	2.	0.	0.	0.015000	0.0	0.0	0.	744.600	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	323.000	648.000	821.000	1260.000	821.000	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	400.000	11.000	1041.000	1089.000	400.000	400.000	400.000	0.0	0.0	0.0
GR	756.900	1000.000	748.500	1041.000	742.600	1058.000	741.700	1072.000	739.600	1076.000
GR	739.600	1087.000	741.800	1089.000	743.200	1100.000	744.200	1134.000	755.900	1200.000
GR	756.900	1207.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	312.000	625.000	794.000	1219.000	794.000	0.0	0.0	0.0	0.0
X1	1700.000	8.000	1100.000	1119.000	1300.000	1300.000	1300.000	0.0	-8.400	0.0
GR	776.900	1000.000	762.000	1100.000	760.600	1102.000	760.400	1117.000	762.800	1119.000
GR	763.100	1135.000	776.200	1200.000	776.900	1208.000	0.0	0.0	0.0	0.0
X1	1750.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.000	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	1800.000	16.000	1216.000	1222.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	776.900	1000.000	770.000	1100.000	768.700	1135.000	759.300	1216.000	757.000	1217.000
GR	756.400	1218.000	756.300	1219.000	756.400	1220.600	757.000	1221.000	759.300	1222.000
GR	759.400	1244.000	765.900	1278.000	765.900	1300.000	768.500	1400.000	772.900	1500.000
GR	776.900	1595.000	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	6.000	0.010	28.300	0.0	0.0	0.0
X1	1853.000	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	762.300	765.800	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	776.900	0.0	1100.000	770.000	0.0	1135.000	768.700	0.0
BT	1200.000	766.100	0.0	1216.000	765.800	759.300	1217.000	765.800	761.600	1218.000
BT	765.800	762.200	1219.000	765.800	762.300	1220.000	765.800	762.200	1221.000	765.800
BT	761.600	1222.000	765.800	759.300	1300.000	765.900	0.0	1400.000	768.500	0.0
BT	1500.000	772.900	0.0	1595.000	776.900	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	1903.000	8.000	1100.000	1119.000	50.000	50.000	50.000	0.0	-2.100	0.0
GR	776.900	1000.000	762.000	1100.000	760.600	1102.000	760.400	1117.000	762.800	1119.000
GR	763.100	1135.000	776.200	1200.000	776.900	1208.000	0.0	0.0	0.0	0.0

MADE IN U.S.A.

X1	4492.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.500	0.0
WT	5.000	204.000	420.000	541.000	853.000	541.000	0.0	0.0	0.0	0.0
X1	6400.000	11.000	1396.000	1402.000	1908.000	1908.000	1908.000	0.0	-8.100	0.0
GR	829.400	1000.000	825.300	1100.000	822.200	1200.000	820.000	1300.000	814.300	1396.000
GR	811.300	1399.000	810.700	1401.000	814.000	1402.000	817.900	1500.000	827.100	1600.000
GR	829.400	1618.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	6450.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.600	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	14.000	1506.500	1513.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	834.100	1000.000	825.000	1110.000	820.900	1210.000	817.800	1310.000	815.600	1410.000
GR	809.900	1506.000	808.000	1506.500	806.000	1506.500	806.000	1531.500	808.000	1531.500
GR	813.500	1610.000	822.700	1710.000	825.000	1728.000	834.100	1798.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	8.000	0.010	56.000	0.0	0.0	0.0
X1	6545.000	0.0	0.0	0.0	45.000	45.000	45.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	814.000	821.300	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	834.100	0.0	1100.000	830.200	0.0	1200.000	826.800	0.0
BT	1300.000	823.400	0.0	1400.000	821.300	0.0	1500.000	821.300	0.0	1506.500
BT	821.500	814.000	1506.500	821.500	808.000	1513.900	821.500	814.000	1513.500	821.500
BT	808.000	1600.000	823.900	0.0	1700.000	829.100	0.0	1798.000	834.100	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	6595.000	11.000	1396.000	1402.000	50.000	50.000	50.000	0.0	-3.000	0.0
GR	829.400	1000.000	825.300	1100.000	822.200	1200.000	820.000	1300.000	814.300	1396.000
GR	811.300	1399.000	810.700	1401.000	814.000	1402.000	817.900	1500.000	827.100	1600.000
GR	829.400	1618.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	6645.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.700	0.0
QT	5.000	93.000	206.000	276.000	464.000	276.000	0.0	0.0	0.0	0.0
X1	8045.000	14.000	1257.000	1264.000	1400.000	1400.000	1400.000	0.0	0.0	0.0
GR	835.500	1300.000	823.800	1100.000	819.500	1200.000	820.300	1257.000	817.500	1259.000
GR	817.200	1261.000	817.500	1263.000	819.500	1264.000	820.000	1300.000	823.800	1400.000
GR	828.800	1500.000	832.600	1600.000	834.000	1700.000	835.500	1784.000	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

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

T1 THOMASVILLE-DAVIDSON CO. STRM 2T
 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	FG
	-10.	3.	0.	0.	0.015000	0.0	0.0	0.	745.600	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

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	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
400.00	3.80	743.40	743.40	745.60	744.30	0.98	0.0	0.0	748.50
648.	0.	620.	28.	0.	76.	11.	9.	0.	741.80
0.0	0.0	8.10	2.69	0.055	0.035	0.055	0.0	739.60	1055.71
0.012821	400.	400.	400.	0	14	1	0.0	50.94	1106.65
1700.00	3.82	755.82	0.0	0.0	756.64	0.83	12.25	0.02	753.60
625.	40.	526.	59.	16.	67.	23.	3.	2.	754.40
0.05	2.43	7.88	2.52	0.055	0.035	0.055	0.035	752.00	1085.13
0.007152	1300.	1300.	1300.	5	0	1	0.0	55.41	1140.54

3685 20 TRIALS USED WSEL.CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	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
1750.00	3.59	757.59	757.59	0.0	758.32	1.02	0.41	0.0	755.60
625.	35.	542.	48.	13.	63.	19.	3.	2.	756.40
0.05	2.60	8.06	2.58	0.055	0.035	0.055	0.035	754.00	1086.62

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 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IQIR STRT METRIC HVINS Q WSEL FQ
 -10. 4. 0. 0. 0.015000 0.0 0.0 0. 747.600 0.0

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLDC IBW CHNIN 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= 9.300

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLUSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
400.00	4.21	743.81	743.81	747.60	744.84	1.04	0.0	0.0	748.50
821.	0.	763.	58.	0.	90.	21.	0.	0.	741.30
0.0	0.0	8.44	2.82	0.055	0.035	0.055	0.0	739.60	1054.52
0.011654	400.	400.	400.	0	11	1	0.0	66.11	1120.64

1700.00	4.15	756.15	0.0	0.0	757.13	0.98	12.28	0.01	753.60
794.	61.	639.	94.	22.	73.	31.	4.	2.	754.40
0.05	2.78	8.73	3.03	0.055	0.035	0.055	0.035	752.00	1082.85
0.007767	1300.	1300.	1300.	5	0	1	0.0	59.37	1142.22

3685 20 TRIALS USED WSEL.CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLUSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1750.00	4.02	758.02	758.02	0.0	759.12	1.10	0.42	0.0	755.60
794.	57.	651.	86.	20.	71.	28.	4.	2.	756.40
0.05	2.90	9.21	3.11	0.055	0.035	0.055	0.035	754.00	1083.77

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T1 THOMASVILLE-DAVIDSON CO. STRM 2T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES H-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
 -10. 5. 0. 0. 0.015000 0.0 0.0 0. 748.600 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

CCHV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	GLOSS	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
400.00	5.02	744.62	744.62	748.60	745.72	1.10	0.0	0.0	748.50
1260.	0.	1076.	184.	0.	119.	55.	0.	0.	741.80
0.0	0.0	9.00	3.34	0.055	0.035	0.055	0.0	739.60	1052.17
0.009995	400.	400.	400.	0	11	1	0.0	84.21	1136.38

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	GLOSS	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
1700.00	4.84	756.84	756.84	0.0	758.16	1.31	12.30	0.0	755.60
1219.	124.	902.	193.	35.	86.	48.	5.	2.	754.40
0.04	3.50	10.45	4.02	0.055	0.035	0.055	0.035	752.00	1078.23
0.008948	1300.	1300.	1300.	4	8	1	0.0	67.40	1145.64

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	TOPPID	STENCIL	STENCR	VCH
400.00	400.00	0.0	0.0	739.60	323.00	742.45	26.48	743.18	33.78	0.0	0.0	6.90
400.00	400.00	0.0	0.0	739.60	648.00	743.39	57.23	744.38	50.94	0.0	0.0	8.10
400.00	400.00	0.0	0.0	739.60	821.00	743.81	76.05	744.84	66.11	0.0	0.0	8.44
400.00	400.00	0.0	0.0	739.60	1260.00	744.62	126.03	745.72	84.21	0.0	0.0	9.00
1700.00	1300.00	0.0	0.0	752.00	312.00	754.08	39.00	755.43	44.52	0.0	0.0	6.07
1700.00	1300.00	0.0	0.0	752.00	625.00	755.82	73.90	756.64	55.41	0.0	0.0	7.88
1700.00	1300.00	0.0	0.0	752.00	794.00	756.15	90.09	757.13	59.37	0.0	0.0	8.73
1700.00	1300.00	0.0	0.0	752.00	1219.00	756.84	128.87	758.16	67.40	0.0	0.0	10.45
1750.00	50.00	0.0	0.0	754.00	312.00	756.34	25.41	757.32	23.91	0.0	0.0	7.97
1750.00	50.00	0.0	0.0	754.00	625.00	757.59	64.32	758.62	52.81	0.0	0.0	8.66
1750.00	50.00	0.0	0.0	754.00	794.00	758.02	83.36	759.12	57.78	0.0	0.0	9.21
1750.00	50.00	0.0	0.0	754.00	1219.00	758.82	127.17	760.16	67.08	0.0	0.0	10.55
1800.00	50.00	0.0	0.0	756.30	312.00	760.49	40.32	761.12	43.91	0.0	0.0	7.72
1800.00	50.00	0.0	0.0	756.30	625.00	761.21	79.82	762.06	53.92	0.0	0.0	9.04
1800.00	50.00	0.0	0.0	756.30	794.00	761.52	100.28	762.47	58.24	0.0	0.0	9.47
1800.00	50.00	0.0	0.0	756.30	1219.00	762.18	156.21	763.32	67.38	0.0	0.0	10.24
1853.00	53.00	765.80	762.30	756.30	312.00	760.49	40.67	761.12	43.96	0.0	0.0	7.70
1853.00	53.00	765.80	762.30	756.30	625.00	761.21	79.15	762.06	53.99	0.0	0.0	9.01
1853.00	53.00	765.80	762.30	756.30	794.00	766.97	1128.05	767.00	191.43	0.0	0.0	1.44
1853.00	53.00	765.80	762.30	756.30	1219.00	767.60	1376.95	767.64	220.92	0.0	0.0	1.88
1903.00	50.00	0.0	0.0	758.30	312.00	760.73	27.32	761.62	26.17	0.0	0.0	7.61
1903.00	50.00	0.0	0.0	758.30	625.00	761.89	64.32	762.92	52.81	0.0	0.0	8.66
1903.00	50.00	0.0	0.0	758.30	794.00	766.95	502.98	767.01	111.83	0.0	0.0	2.62
1903.00	50.00	0.0	0.0	758.30	1219.00	767.55	589.89	767.67	118.86	0.0	0.0	3.59
1953.00	50.00	0.0	0.0	760.40	312.00	762.75	25.61	763.72	23.98	0.0	0.0	7.93
1953.00	50.00	0.0	0.0	760.40	625.00	764.00	34.59	765.02	52.89	0.0	0.0	8.64
1953.00	50.00	0.0	0.0	760.40	794.00	766.88	255.23	767.07	86.55	0.0	0.0	4.22
1953.00	50.00	0.0	0.0	760.40	1219.00	767.44	307.75	767.77	93.06	0.0	0.0	5.66
3800.00	1847.00	0.0	0.0	779.10	308.00	782.61	34.81	783.20	59.24	0.0	0.0	7.18
3800.00	1847.00	0.0	0.0	779.10	613.00	783.41	65.19	784.16	86.58	0.0	0.0	8.93
3800.00	1847.00	0.0	0.0	779.10	778.00	783.68	79.53	784.51	93.69	0.0	0.0	9.72
3800.00	1847.00	0.0	0.0	779.10	1192.00	784.34	123.51	785.22	111.17	0.0	0.0	10.61
3850.00	50.00	0.0	0.0	780.10	308.00	783.47	31.08	784.19	54.19	0.0	0.0	7.79
3850.00	50.00	0.0	0.0	780.10	613.00	784.43	66.36	785.16	87.20	0.0	0.0	8.80
3850.00	50.00	0.0	0.0	780.10	778.00	784.73	82.51	785.51	95.02	0.0	0.0	9.45
3850.00	50.00	0.0	0.0	780.10	1192.00	785.27	117.97	786.22	109.21	0.0	0.0	10.99
3900.00	50.00	0.0	0.0	781.00	308.00	785.40	47.85	785.82	75.78	0.0	0.0	6.72
3900.00	50.00	0.0	0.0	781.00	613.00	785.83	79.68	786.47	90.12	0.0	0.0	8.66
3900.00	50.00	0.0	0.0	781.00	778.00	786.11	105.57	786.74	99.26	0.0	0.0	8.67
3900.00	50.00	0.0	0.0	781.00	1192.00	786.50	150.53	787.32	112.27	0.0	0.0	9.88

KENBAY MILL RD

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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
6450.00	50.00	0.0	0.0	804.20	204.00	808.85	19.29	809.39	57.51	0.0	0.0	7.07
6450.00	50.00	0.0	0.0	804.20	420.00	809.51	37.52	810.11	85.45	0.0	0.0	8.49
6450.00	50.00	0.0	0.0	804.20	541.00	809.74	46.35	810.39	95.13	0.0	0.0	9.20
6450.00	50.00	0.0	0.0	804.20	853.00	810.25	70.96	810.95	116.37	0.0	0.0	10.23
6500.00	50.00	0.0	0.0	806.00	204.00	809.42	110.99	809.49	45.56	0.0	0.0	0.0
6500.00	50.00	0.0	0.0	806.00	420.00	810.09	160.39	810.25	58.67	0.0	0.0	0.0
6500.00	50.00	0.0	0.0	806.00	541.00	810.35	182.65	810.55	66.62	0.0	0.0	0.0
6500.00	50.00	0.0	0.0	806.00	853.00	810.82	230.19	811.15	81.21	0.0	0.0	0.0
67+52 OLD N.C. 109												
6545.00	45.00	821.30	814.00	806.00	204.00	809.42	111.53	809.49	45.68	0.0	0.0	0.0
6545.00	45.00	821.30	814.00	806.00	420.00	810.09	160.41	810.24	58.68	0.0	0.0	0.0
6545.00	45.00	821.30	814.00	806.00	541.00	810.35	182.65	810.55	66.62	0.0	0.0	0.0
6545.00	45.00	821.30	814.00	806.00	853.00	810.82	230.08	811.15	81.18	0.0	0.0	0.0
6595.00	50.00	0.0	0.0	807.70	204.00	812.34	19.17	812.89	57.25	0.0	0.0	7.11
6595.00	50.00	0.0	0.0	807.70	420.00	813.05	39.02	813.61	87.21	0.0	0.0	8.22
6595.00	50.00	0.0	0.0	807.70	541.00	813.31	49.07	813.89	97.84	0.0	0.0	8.78
6595.00	50.00	0.0	0.0	807.70	853.00	813.77	72.24	814.45	117.32	0.0	0.0	10.08
6645.00	50.00	0.0	0.0	809.40	204.00	814.10	20.45	814.59	59.85	0.0	0.0	6.75
6645.00	50.00	0.0	0.0	809.40	420.00	814.72	37.76	815.31	85.74	0.0	0.0	8.44
6645.00	50.00	0.0	0.0	809.40	541.00	814.95	46.78	815.59	95.57	0.0	0.0	9.13
6645.00	50.00	0.0	0.0	809.40	853.00	815.43	69.88	816.15	115.56	0.0	0.0	10.36
8045.00	1400.00	0.0	0.0	817.20	93.00	820.48	25.32	820.52	135.42	0.0	0.0	2.32
8045.00	1400.00	0.0	0.0	817.20	206.00	821.06	60.10	821.09	164.36	0.0	0.0	2.49
8045.00	1400.00	0.0	0.0	817.20	276.00	821.32	81.15	821.36	177.30	0.0	0.0	2.61
8045.00	1400.00	0.0	0.0	817.20	464.00	821.87	136.62	821.91	204.37	0.0	0.0	2.88

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
400.000	323.000	742.449	0.0	0.0	0.0	33.781	0.0	400.000
400.000	648.000	743.395	0.946	0.0	0.0	50.941	-17.160	400.000
400.000	821.000	743.806	0.411	0.0	0.0	66.114	-32.352	400.000
400.000	1260.000	744.622	0.816	0.0	0.0	84.210	-50.428	400.000
1700.000	312.000	754.881	0.0	12.431	0.0	44.516	0.0	1300.000
1700.000	625.000	755.815	0.935	12.421	0.0	55.408	-10.892	1300.000
1700.000	794.000	756.152	0.337	12.346	0.0	59.368	-14.852	1300.000
1700.000	1219.000	756.842	0.690	12.221	0.0	67.403	-22.887	1300.000
1750.000	312.000	756.338	0.0	1.458	0.0	23.908	0.0	50.000
1750.000	625.000	757.593	1.255	1.778	0.0	52.814	-28.906	50.000
1750.000	794.000	758.018	0.425	1.866	0.0	57.775	-33.868	50.000
1750.000	1219.000	758.815	0.798	1.973	0.0	67.083	-43.176	50.000
1800.000	312.000	760.486	0.0	4.148	0.0	43.910	0.0	50.000
1800.000	625.000	761.209	0.723	3.616	0.0	53.917	-10.007	50.000
1800.000	794.000	761.521	0.312	3.503	0.0	58.238	-14.328	50.000
1800.000	1219.000	762.181	0.661	3.366	0.0	67.383	-23.473	50.000
1853.000	312.000	760.489	0.0	0.003	0.0	43.958	0.0	53.000
1853.000	625.000	761.214	0.724	0.005	0.0	53.989	-10.031	53.000
1853.000	794.000	766.974	5.760	5.453	0.0	191.427	-147.470	53.000
1853.000	1219.000	767.600	0.626	5.419	0.0	220.917	-176.959	53.000
1903.000	312.000	760.728	0.0	0.239	0.0	26.165	0.0	50.000

833.700 1400.000 859.500 1495.000 0.0 0.0 0.0 0.0 0.0

1903.000	625.000	761.893	1.165	0.679	0.0	52.814	-26.648	50.000
1903.000	794.000	766.949	5.056	-0.025	0.0	111.830	-95.664	50.000
1903.000	1219.000	767.551	0.603	-0.049	0.0	118.865	-92.699	50.000
1953.000	312.000	762.748	0.0	2.020	0.0	23.983	0.0	50.000
1953.000	625.000	763.999	1.251	2.106	0.0	52.891	-28.908	50.000
1953.000	794.000	766.883	2.884	-0.066	0.0	86.553	-62.570	50.000
1953.000	1219.000	767.440	0.557	-0.111	0.0	93.056	-69.073	50.000
3000.000	308.000	782.612	0.0	19.864	0.0	59.244	0.0	1847.000
3800.000	613.000	783.406	0.794	19.407	0.0	86.581	-27.337	1847.000
3800.000	778.000	783.676	0.269	16.793	0.0	93.653	-34.409	1847.000
3800.070	1192.000	784.344	0.668	16.904	0.0	111.172	-51.928	1847.000
3850.000	308.000	783.472	0.0	0.861	0.0	54.194	0.0	50.000
3850.000	613.000	784.429	0.957	1.023	0.0	87.196	-33.001	50.000
3850.000	778.000	784.727	0.298	1.052	0.0	95.017	-40.823	50.000
3850.000	1192.000	785.269	0.541	0.925	0.0	109.212	-55.018	50.000
3900.000	308.000	785.404	0.0	1.932	0.0	75.784	0.0	50.000
3900.000	613.000	785.833	0.429	1.404	0.0	90.124	-14.340	50.000
3900.000	778.000	786.107	0.274	1.379	0.0	99.257	-23.473	50.000
3900.000	1192.000	786.496	0.389	1.227	0.0	112.266	-36.482	50.000
3953.000	308.000	785.592	0.0	0.188	0.0	82.044	0.0	53.000
3953.000	613.000	785.836	0.244	0.003	0.0	90.222	-8.178	53.000
3953.000	778.000	786.109	0.273	0.003	0.0	99.346	-17.302	53.000
3953.000	1192.000	798.250	12.141	11.755	0.0	580.921	-498.877	53.000
4003.000	308.000	785.543	0.0	-0.049	0.0	56.857	0.0	50.000
4003.000	613.000	786.497	0.954	0.661	0.0	88.964	-32.106	50.000
4003.000	778.000	786.795	0.299	0.686	0.0	96.798	-39.940	50.000
4003.000	1192.000	798.250	11.454	-0.001	0.0	415.410	-358.552	50.000
4053.000	308.000	786.573	0.0	1.030	0.0	54.240	0.0	50.000
4053.000	613.000	787.562	0.989	1.065	0.0	88.047	-33.808	50.000
4053.000	778.000	787.857	0.295	1.061	0.0	95.792	-41.552	50.000
4053.000	1192.000	798.249	10.383	-0.001	0.0	378.369	-324.150	50.000
4250.000	291.000	788.476	0.0	1.903	0.0	54.660	0.0	197.000
4250.000	582.000	789.414	0.938	1.852	0.0	86.779	-32.119	197.000
4250.000	739.000	789.706	0.293	1.849	0.0	94.453	-39.793	197.000
4250.000	1137.000	798.252	8.546	0.003	0.0	318.324	-263.663	197.000
4300.000	291.000	789.694	0.0	1.218	0.0	51.306	0.0	50.000
4300.000	582.000	790.636	0.942	1.223	0.0	84.755	-33.449	50.000
4300.000	739.000	790.922	0.286	1.216	0.0	92.243	-40.938	50.000
4300.000	1137.000	798.250	7.329	-0.001	0.0	277.302	-225.997	50.000
4350.000	291.000	792.473	0.0	2.779	0.0	65.340	0.0	50.000
4350.000	582.000	793.004	0.531	2.368	0.0	83.550	-18.211	50.000
4350.000	739.000	793.200	0.196	2.279	0.0	83.326	-23.987	50.000
4350.000	1137.000	798.249	5.048	-0.002	0.0	335.581	-270.042	50.000
4392.000	291.000	792.476	0.0	0.003	0.0	65.450	0.0	42.000
4392.000	582.000	796.552	4.076	3.548	0.0	229.170	-163.720	42.000
4392.000	739.000	796.783	0.231	3.583	0.0	241.871	-176.421	42.000
4392.000	1137.000	798.365	1.583	0.117	0.0	342.198	-276.748	42.000
4442.000	291.000	793.395	0.0	0.919	0.0	51.324	0.0	50.000
4442.000	582.000	796.522	3.120	-0.030	0.0	140.414	-89.090	50.000
4442.000	739.000	796.744	0.221	-0.039	0.0	145.600	-94.276	50.000
4442.000	1137.000	798.334	1.591	-0.031	0.0	182.926	-131.602	50.000
4492.000	291.000	794.899	0.0	1.504	0.0	51.460	0.0	50.000
4492.000	582.000	796.379	1.480	-0.144	0.0	99.062	-47.602	50.000

AGE IN U.S.A.

4492.000	739.000	796.559	0.181	-0.184	0.0	108.871	-52.411	50.000
4492.000	1137.000	798.284	1.724	-0.651	0.0	146.535	-95.075	50.000
6400.000	204.000	807.751	0.0	12.863	0.0	79.083	0.0	1908.000
6400.000	420.000	807.965	0.204	11.586	0.0	87.654	-8.571	1908.000
6400.000	541.000	808.431	0.466	11.872	0.0	106.905	-27.822	1908.000
6400.000	853.000	808.646	0.214	10.362	0.0	116.202	-37.119	1908.000
6450.000	204.000	808.847	0.0	1.086	0.0	57.508	0.0	50.000
6450.000	420.000	809.512	0.666	1.548	0.0	85.451	-27.943	50.000
6450.000	541.000	809.743	0.231	1.312	0.0	95.134	-37.627	50.000
6450.000	853.000	810.249	0.506	1.604	0.0	116.366	-58.858	50.000
6500.000	204.000	809.422	0.0	0.576	0.0	45.561	0.0	50.000
6500.000	420.000	810.094	0.672	0.582	0.0	58.668	-13.108	50.000
6500.000	541.000	810.349	0.255	0.606	0.0	66.620	-21.059	50.000
6500.000	853.000	810.817	0.468	0.568	0.0	81.207	-35.647	50.000
6545.000	204.000	809.422	0.0	0.0	0.0	45.682	0.0	45.000
6545.000	420.000	810.094	0.672	0.0	0.0	58.675	-12.993	45.000
6545.000	541.000	810.349	0.255	0.0	0.0	66.621	-20.939	45.000
6545.000	853.000	810.817	0.468	0.001	0.0	81.176	-35.493	45.000
6595.000	204.000	812.341	0.0	2.919	0.0	57.262	0.0	50.000
6595.000	420.000	813.055	0.714	2.961	0.0	87.213	-29.952	50.000
6595.000	541.000	813.308	0.253	2.959	0.0	97.840	-40.578	50.000
6595.000	853.000	813.772	0.464	2.954	0.0	117.319	-60.057	50.000
6645.000	204.000	814.103	0.0	1.762	0.0	59.854	0.0	50.000
6645.000	420.000	814.719	0.616	1.664	0.0	85.738	-23.834	50.000
6645.000	541.000	814.954	0.234	1.646	0.0	95.575	-35.721	50.000
6645.000	853.000	815.430	0.476	1.658	0.0	115.556	-55.702	50.000
8045.000	93.000	820.484	0.0	6.381	0.0	135.421	0.0	1400.000
8045.000	206.000	821.059	0.575	6.439	0.0	164.358	-28.937	1400.000
8045.000	276.000	821.324	0.265	6.370	0.0	177.302	-41.881	1400.000
8045.000	464.000	821.870	0.546	6.440	0.0	204.368	-68.948	1400.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	10.384	0.0
2	0.0	0.0	14.995	4.611
3	0.0	0.0	17.481	7.097
4	0.0	0.0	23.501	13.117