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

C
 1 THOMASVILLE-DAVIDSON CO. STRM 12T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-1.	2.	0.	0.	0.012000	0.0	0.0	0.	814.400	0.0
J2	NPROF	IPLDT	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	286.000	555.000	700.000	1064.000	700.000	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	1300.000	13.000	1371.000	1406.000	1300.000	1300.000	1350.000	0.0	0.0	0.0
GR	836.700	1000.000	830.100	1100.000	824.200	1200.000	822.800	1300.000	821.700	1371.000
GR	810.200	1385.000	809.900	1389.000	810.200	1393.000	818.700	1406.000	823.200	1500.000
GR	826.400	1600.000	829.300	1700.000	836.700	1725.000	0.0	0.0	0.0	0.0
X1	1350.000	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	1400.000	15.000	1418.000	1426.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	834.100	1000.000	829.300	1100.000	824.600	1200.000	821.400	1300.000	821.900	1400.000
GR	821.900	1405.000	811.400	1418.000	810.400	1418.000	810.400	1426.000	813.100	1426.000
GR	819.200	1439.000	823.700	1533.000	826.900	1633.000	829.800	1733.000	837.200	1758.000
SB	0.900	1.500	2.500	0.0	8.000	0.010	48.000	0.0	0.0	0.0
X1	1488.000	0.0	0.0	0.0	88.000	88.000	88.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	816.400	822.500	0.0	0.0	0.0	0.0	0.0
BT	11.000	1000.000	834.100	0.0	1100.000	829.300	0.0	1200.000	824.600	0.0
BT	1300.000	821.400	0.0	1400.000	821.900	0.0	1418.000	822.500	816.400	1426.000
BT	822.500	816.400	1500.000	826.300	0.0	1600.000	831.600	0.0	1647.000	834.100
BT	0.0	1785.000	837.200	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	1538.000	13.000	1371.000	1406.000	50.000	50.000	50.000	0.0	1.000	0.0
GR	836.700	1000.000	830.100	1100.000	824.200	1200.000	822.800	1300.000	821.700	1371.000
GR	810.200	1385.000	809.900	1389.000	810.200	1393.000	818.700	1406.000	823.200	1500.000
GR	826.400	1600.000	829.300	1700.000	836.700	1725.000	0.0	0.0	0.0	0.0
X1	1588.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
QT	5.000	108.000	240.000	320.000	536.000	320.000	0.0	0.0	0.0	0.0
X1	3900.000	13.000	1160.000	1192.000	2312.000	2312.000	2312.000	0.0	-0.100	0.0
GR	849.800	1000.000	844.300	1100.000	839.300	1160.000	834.300	1171.000	833.300	1177.000
GR	834.000	1182.000	836.700	1192.000	837.800	1285.000	842.200	1295.000	842.000	1317.000

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T1 THOMASVILLE-DAVIDSON CO. STRM 12T
 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. 0.012000 0.0 0.0 0. 815.400 0.0

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLOC IBW CHNIN 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

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
1300.00	4.64	814.54	0.0	815.40	815.79	1.25	0.0	0.0	821.70
555.	0.	555.	0.	0.	62.	0.	0.	0.	818.70
0.0	0.0	8.97	0.0	0.055	0.035	0.055	0.0	809.90	1379.71
0.011797	1300.	1300.	1300.	0	0	4	0.0	19.93	1399.64

1350.00	5.20	815.40	0.0	0.0	816.29	0.89	0.46	0.04	822.00
555.	0.	555.	0.	0.	73.	0.	0.	0.	819.00
0.00	0.0	7.56	0.0	0.055	0.035	0.055	0.034	810.20	1379.03
0.007407	50.	50.	50.	3	0	1	0.0	21.47	1400.50

CCHV= 0.100 CEHV= 0.300
 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
1400.00	5.11	815.51	815.51	0.0	817.19	1.68	0.35	0.0	811.40
555.	69.	454.	32.	10.	41.	6.	0.	0.	813.10
0.00	6.60	11.11	5.11	0.025	0.025	0.025	0.029	810.40	1412.91
0.006587	50.	50.	50.	30	5	1	0.0	18.23	1451.14

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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 IDIR STRT METRIC HVINS G WSEL FQ
 -10. 4. 0. 0. 0.012000 0.0 0.0 0. 817.400 0.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBM 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= 0.500

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	XLN	XLNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

1300.00	5.18	815.08	0.0	817.40	816.51	1.43	0.0	0.0	821.70	
700.	0.	700.	0.	0.	73.	0.	0.	0.	818.70	
0.0	0.0	9.59	0.0	0.055	0.035	0.055	0.0	809.90	1379.06	
0.011978	1300.	1300.	1300.	0	0	4	0.0	21.41	1400.47	

1350.00	5.81	816.01	0.0	0.0	817.02	1.00	0.47	0.04	822.00	
700.	0.	700.	0.	0.	87.	0.	0.	0.	819.00	
0.00	0.0	8.04	0.0	0.055	0.035	0.055	0.034	810.20	1378.29	
0.007452	50.	50.	50.	3	0	1	0.0	23.14	1401.43	

CCHV= 0.100 CEHV= 0.300
 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	XLN	XLNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

1400.00	5.79	816.19	816.19	0.0	817.98	1.79	0.34	0.0	811.40	
700.	100.	540.	59.	14.	46.	10.	0.	0.	813.10	
0.00	7.06	11.66	5.83	0.025	0.025	0.025	0.029	810.40	1412.07	
0.006147	50.	50.	50.	30	5	1	0.0	20.32	1432.59	

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 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1 YCHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
 -10. 5. 0. 0. 0.012000 0.0 0.0 0. 818.400 0.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLOC IBW CHNIN 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	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
1300.00	6.37	816.27	0.0	818.40	818.01	1.75	0.0	0.0	821.70
1064.	0.	1064.	0.	0.	100.	0.	0.	0.	818.70
0.0	0.0	10.61	0.0	0.055	0.035	0.055	0.0	809.90	1377.62
0.011769	1300.	1300.	1300.	0	0	3	0.0	24.66	1402.28

1350.00	7.07	817.27	0.0	0.0	818.53	1.26	0.47	0.05	822.00
1064.	0.	1064.	0.	0.	118.	0.	0.	0.	819.00
0.00	0.0	9.00	0.0	0.055	0.035	0.055	0.034	810.20	1376.76
0.007545	50.	50.	50.	3	0	1	0.0	26.59	1403.35

CCHV= 0.100 CEHV= 0.300
 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
1400.00	7.12	817.52	817.52	0.0	819.56	2.04	0.32	0.0	811.40
1064.	185.	731.	148.	23.	57.	21.	0.	0.	813.10
0.00	7.97	12.94	7.10	0.025	0.025	0.025	0.029	810.40	1410.42
0.005655	50.	50.	50.	30	5	1	0.0	25.00	1435.42

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	
1286	1300.00	1300.00	0.0	0.0	809.90	286.00	813.22	26.10	814.10	16.29	0.0	0.0	7.56
	1300.00	1300.00	0.0	0.0	809.90	555.00	814.54	51.10	815.79	19.93	0.0	0.0	8.97
	1300.00	1300.00	0.0	0.0	809.90	700.00	815.08	63.96	816.51	21.41	0.0	0.0	9.59
	1300.00	1300.00	0.0	0.0	809.90	1064.00	816.26	98.08	818.01	24.66	0.0	0.0	10.61
	1350.00	50.00	0.0	0.0	810.20	286.00	813.98	33.86	814.59	17.57	0.0	0.0	6.25
	1350.00	50.00	0.0	0.0	810.20	555.00	815.40	64.49	816.29	21.47	0.0	0.0	7.56
1336	1350.00	50.00	0.0	0.0	810.20	700.00	816.01	81.09	817.02	23.14	0.0	0.0	8.04
	1350.00	50.00	0.0	0.0	810.20	1064.00	817.27	122.49	818.53	26.59	0.0	0.0	9.00
	1400.00	50.00	0.0	0.0	810.40	286.00	813.84	31.17	815.20	12.59	0.0	0.0	9.64
1386	1400.00	50.00	0.0	0.0	810.40	555.00	815.51	68.38	817.19	18.23	0.0	0.0	11.11
	1400.00	50.00	0.0	0.0	810.40	700.00	816.19	89.28	817.98	20.52	0.0	0.0	11.66
	1400.00	50.00	0.0	0.0	810.40	1064.00	817.52	141.49	819.56	25.00	0.0	0.0	12.84
1474	1488.00	88.00	822.50	816.40	810.40	286.00	813.96	33.34	815.21	13.01	0.0	0.0	9.23
	1488.00	88.00	822.50	816.40	810.40	555.00	818.23	176.31	818.62	27.40	0.0	0.0	5.73
	1488.00	88.00	822.50	816.40	810.40	700.00	820.98	387.03	821.14	69.98	0.0	0.0	4.02
	1488.00	88.00	822.50	816.40	810.40	1064.00	822.61	698.43	822.71	247.96	0.0	0.0	3.73
1524	1538.00	50.00	0.0	0.0	810.90	286.00	815.14	42.53	815.58	18.83	0.0	0.0	5.29
	1538.00	50.00	0.0	0.0	810.90	555.00	818.42	139.95	818.70	27.84	0.0	0.0	4.25
	1538.00	50.00	0.0	0.0	810.90	700.00	821.00	278.02	821.17	60.10	0.0	0.0	3.29
	1538.00	50.00	0.0	0.0	810.90	1064.00	822.56	411.90	822.76	94.52	0.0	0.0	3.76
1574	1588.00	50.00	0.0	0.0	811.40	286.00	815.33	36.45	815.87	17.96	0.0	0.0	5.92
	1588.00	50.00	0.0	0.0	811.40	555.00	818.46	122.28	818.81	26.58	0.0	0.0	4.70
	1588.00	50.00	0.0	0.0	811.40	700.00	821.01	245.33	821.21	49.45	0.0	0.0	3.58
	1588.00	50.00	0.0	0.0	811.40	1064.00	822.56	364.91	822.81	83.77	0.0	0.0	4.11
3697	3900.00	2312.00	0.0	0.0	833.20	108.00	835.01	7.94	835.56	16.89	0.0	0.0	5.95
	3900.00	2312.00	0.0	0.0	833.20	240.00	835.81	18.68	836.60	21.61	0.0	0.0	7.15
	3900.00	2312.00	0.0	0.0	833.20	320.00	836.18	25.43	837.08	23.81	0.0	0.0	7.62
	3900.00	2312.00	0.0	0.0	833.20	536.00	837.22	54.73	838.05	80.06	0.0	0.0	7.46
3737	3950.00	50.00	0.0	0.0	833.30	108.00	835.79	16.73	835.98	20.90	0.0	0.0	3.49
	3950.00	50.00	0.0	0.0	833.30	240.00	836.73	35.37	837.04	29.20	0.0	0.0	4.50
	3950.00	50.00	0.0	0.0	833.30	320.00	837.15	48.34	837.51	65.57	0.0	0.0	4.86
	3950.00	50.00	0.0	0.0	833.30	536.00	838.05	95.64	838.36	122.81	0.0	0.0	4.89
3787	4000.00	50.00	0.0	0.0	833.30	108.00	835.94	12.01	836.41	21.63	0.0	0.0	6.54
	4000.00	50.00	0.0	0.0	833.30	240.00	836.84	34.08	837.34	37.09	0.0	0.0	6.48
	4000.00	50.00	0.0	0.0	833.30	320.00	837.40	61.18	837.69	87.30	0.0	0.0	5.41
	4000.00	50.00	0.0	0.0	833.30	536.00	838.32	159.08	838.46	122.66	0.0	0.0	4.06
3835	4047.00	47.00	841.70	836.00	833.30	108.00	838.87	253.29	838.88	123.99	0.0	0.0	0.56
	4047.00	47.00	841.70	836.00	833.30	240.00	842.55	1386.93	842.55	163.05	0.0	0.0	0.32
	4047.00	47.00	841.70	836.00	833.30	320.00	842.81	1499.86	842.81	166.06	0.0	0.0	0.41
	4047.00	47.00	841.70	836.00	833.30	536.00	843.28	1721.17	843.29	171.66	0.0	0.0	0.62

MADE IN U.S.A.

STA 14+30 RANDOLPH STREET

STA 38+10 LIBERTY DRIVE

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	
3883	4097.00	50.00	0.0	0.0	833.40	108.00	838.87	159.42	838.88	126.06	0.0	0.0	0.66
	4097.00	50.00	0.0	0.0	833.40	240.00	842.55	775.99	842.55	196.33	0.0	0.0	0.47
	4097.00	50.00	0.0	0.0	833.40	320.00	842.81	838.82	842.81	200.29	0.0	0.0	0.60
	4097.00	50.00	0.0	0.0	833.40	536.00	843.28	962.40	843.29	207.61	0.0	0.0	0.91
	4147.00	50.00	0.0	0.0	833.50	108.00	838.88	149.71	838.88	125.62	0.0	0.0	0.69
	4147.00	50.00	0.0	0.0	833.50	240.00	842.55	752.49	842.55	194.79	0.0	0.0	0.48
	4147.00	50.00	0.0	0.0	833.50	320.00	842.81	814.70	842.81	198.76	0.0	0.0	0.61
3933	4147.00	50.00	0.0	0.0	833.50	536.00	843.28	935.85	843.29	206.09	0.0	0.0	0.93
	5300.00	1153.00	0.0	0.0	848.10	70.00	849.63	7.06	849.90	61.53	0.0	0.0	4.25
	5300.00	1153.00	0.0	0.0	848.10	162.00	850.07	17.83	850.34	106.91	0.0	0.0	4.93
E5035	5300.00	1153.00	0.0	0.0	848.10	220.00	850.19	22.28	850.52	119.44	0.0	0.0	5.65
	5300.00	1153.00	0.0	0.0	848.10	380.00	850.56	42.17	850.84	274.16	0.0	0.0	5.93
	5350.00	50.00	0.0	0.0	849.10	70.00	850.63	7.04	850.90	61.43	0.0	0.0	4.26
	5350.00	50.00	0.0	0.0	849.10	162.00	851.03	16.29	851.34	102.04	0.0	0.0	5.28
5085	5350.00	50.00	0.0	0.0	849.10	220.00	851.20	22.57	851.52	121.21	0.0	0.0	5.60
	5350.00	50.00	0.0	0.0	849.10	380.00	851.56	42.13	851.84	273.95	0.0	0.0	5.93
	5400.00	50.00	0.0	0.0	850.20	70.00	851.79	7.63	851.94	75.91	0.0	0.0	4.64
	5400.00	50.00	0.0	0.0	850.20	162.00	852.01	16.47	852.24	98.80	0.0	0.0	5.50
5135	5400.00	50.00	0.0	0.0	850.20	220.00	852.15	24.97	852.38	114.42	0.0	0.0	5.24
	5400.00	50.00	0.0	0.0	850.20	380.00	852.40	44.97	852.63	205.47	0.0	0.0	5.50
	5470.00	70.00	855.50	851.60	850.20	70.00	855.42	1486.67	855.42	472.83	0.0	0.0	0.06
5205	5470.00	70.00	855.50	851.60	850.20	162.00	855.73	1770.28	855.73	478.74	0.0	0.0	0.12
	5470.00	70.00	855.50	851.60	850.20	220.00	855.88	1908.12	855.88	481.45	0.0	0.0	0.15
	5470.00	70.00	855.50	851.60	850.20	380.00	856.19	2230.94	856.19	487.47	0.0	0.0	0.23
	5520.00	50.00	0.0	0.0	851.10	70.00	855.42	378.93	855.42	418.40	0.0	0.0	0.19
5255	5520.00	50.00	0.0	0.0	851.10	162.00	855.73	470.79	855.73	440.55	0.0	0.0	0.37
	5520.00	50.00	0.0	0.0	851.10	220.00	855.88	516.56	855.88	450.74	0.0	0.0	0.47
	5520.00	50.00	0.0	0.0	851.10	380.00	856.19	627.95	856.19	468.48	0.0	0.0	0.70
	5570.00	50.00	0.0	0.0	852.10	70.00	855.42	152.38	855.42	347.15	0.0	0.0	0.38
5305	5570.00	50.00	0.0	0.0	852.10	162.00	855.73	211.70	855.73	369.31	0.0	0.0	0.69
	5570.00	50.00	0.0	0.0	852.10	220.00	855.87	242.39	855.88	379.52	0.0	0.0	0.84
	5570.00	50.00	0.0	0.0	852.10	380.00	856.19	317.94	856.20	402.12	0.0	0.0	1.18

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1300.000	286.000	813.217	0.0	0.0	0.0	16.290	0.0	1300.000
1300.000	555.000	814.543	1.326	0.0	0.0	19.932	-3.642	1300.000
1300.000	700.000	815.082	0.539	0.0	0.0	21.413	-5.123	1300.000
1300.000	1064.000	816.264	1.182	0.0	0.0	24.660	-8.370	1300.000
1350.000	286.000	813.979	0.0	0.762	0.0	17.570	0.0	50.000
1350.000	555.000	815.404	1.424	0.861	0.0	21.470	-3.899	50.000
1350.000	700.000	816.013	0.609	0.931	0.0	23.142	-5.572	50.000
1350.000	1064.000	817.272	1.259	1.008	0.0	26.594	-9.023	50.000
1400.000	286.000	813.837	0.0	-0.143	0.0	12.589	0.0	50.000
1400.000	555.000	815.510	1.674	0.107	0.0	18.220	-5.640	50.000
1400.000	700.000	816.190	0.679	0.177	0.0	20.518	-7.930	50.000
1400.000	1064.000	817.520	1.330	0.248	0.0	24.998	-12.409	50.000
1488.000	286.000	813.962	0.0	0.125	0.0	13.012	0.0	88.000

1488.000	555.000	818.229	4.268	2.719	0.0	27.402	-14.390	88.000
1488.000	700.000	820.976	2.747	4.786	0.0	69.978	-56.967	88.000
1488.000	1064.000	822.607	1.631	5.087	0.0	247.957	-234.945	88.000
1538.000	286.000	815.141	0.0	1.179	0.0	18.825	0.0	50.000
1538.000	555.000	818.417	3.276	0.188	0.0	27.841	-9.016	50.000
1538.000	700.000	821.000	2.583	0.024	0.0	60.096	-41.271	50.000
1538.000	1064.000	822.556	1.556	-0.051	0.0	94.521	-75.695	50.000
1588.000	286.000	815.325	0.0	0.185	0.0	17.962	0.0	50.000
1588.000	555.000	818.462	3.137	0.046	0.0	26.578	-8.616	50.000
1588.000	700.000	821.012	2.550	0.013	0.0	49.452	-31.490	50.000
1588.000	1064.000	822.562	1.549	0.006	0.0	83.775	-65.813	50.000
3900.000	108.000	835.009	0.0	19.683	0.0	16.888	0.0	2312.000
3900.000	240.000	835.809	0.800	17.346	0.0	21.613	-4.725	2312.000
3900.000	320.000	836.180	0.372	15.168	0.0	23.810	-6.922	2312.000
3900.000	536.000	837.219	1.039	14.658	0.0	80.058	-63.170	2312.000
3950.000	108.000	835.789	0.0	0.780	0.0	20.897	0.0	50.000
3950.000	240.000	836.731	0.943	0.923	0.0	29.203	-8.306	50.000
3950.000	320.000	837.151	0.420	0.971	0.0	65.569	-44.672	50.000
3950.000	536.000	838.050	0.899	0.831	0.0	122.809	-101.912	50.000
4000.000	108.000	835.941	0.0	0.153	0.0	21.635	0.0	50.000
4000.000	240.000	836.839	0.898	0.108	0.0	37.087	-15.452	50.000
4000.000	320.000	837.405	0.566	0.254	0.0	87.295	-65.660	50.000
4000.000	536.000	838.318	0.913	0.268	0.0	122.665	-101.030	50.000
4047.000	108.000	838.874	0.0	2.933	0.0	123.994	0.0	47.000
4047.000	240.000	842.549	3.675	5.710	0.0	163.046	-39.052	47.000
4047.000	320.000	842.806	0.258	5.401	0.0	166.063	-42.069	47.000
4047.000	536.000	843.281	0.474	4.963	0.0	171.657	-47.663	47.000
4097.000	108.000	838.874	0.0	0.0	0.0	126.059	0.0	50.000
4097.000	240.000	842.549	3.675	0.0	0.0	196.326	-70.267	50.000
4097.000	320.000	842.805	0.257	-0.001	0.0	200.293	-74.234	50.000
4097.000	536.000	843.281	0.475	0.0	0.0	207.609	-81.550	50.000
4147.000	108.000	838.875	0.0	0.001	0.0	125.620	0.0	50.000
4147.000	240.000	842.549	3.674	0.001	0.0	194.792	-69.172	50.000
4147.000	320.000	842.806	0.257	0.001	0.0	198.761	-73.141	50.000
4147.000	536.000	843.281	0.475	0.001	0.0	206.085	-80.466	50.000
5300.000	70.000	849.632	0.0	10.758	0.0	61.533	0.0	1153.000
5300.000	162.000	850.073	0.441	7.524	0.0	106.910	-45.377	1153.000
5300.000	220.000	850.195	0.122	7.389	0.0	119.440	-57.907	1153.000
5300.000	380.000	850.565	0.370	7.284	0.0	274.160	-212.627	1153.000
5350.000	70.000	850.631	0.0	0.999	0.0	61.432	0.0	50.000
5350.000	162.000	851.026	0.395	0.953	0.0	102.038	-40.605	50.000
5350.000	220.000	851.202	0.176	1.008	0.0	121.206	-59.774	50.000
5350.000	380.000	851.564	0.362	0.999	0.0	273.955	-212.522	50.000
5400.000	70.000	851.788	0.0	1.157	0.0	75.911	0.0	50.000
5400.000	162.000	852.006	0.218	0.980	0.0	98.803	-22.692	50.000
5400.000	220.000	852.155	0.149	0.953	0.0	114.423	-38.511	50.000
5400.000	380.000	852.403	0.248	0.839	0.0	205.475	-129.563	50.000
5470.000	70.000	855.421	0.0	3.633	0.0	472.834	0.0	70.000
5470.000	162.000	855.732	0.311	3.726	0.0	478.735	-5.901	70.000
5470.000	220.000	855.875	0.143	3.720	0.0	481.448	-8.614	70.000
5470.000	380.000	856.192	0.318	3.789	0.0	487.474	-14.640	70.000
5520.000	70.000	855.421	0.0	0.0	0.0	418.399	0.0	50.000
5520.000	162.000	855.732	0.311	-0.001	0.0	440.546	-22.147	50.000

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	TO	EG	TOPWID	STENCL	STENCR	VCH	
1286	1300.00	1300.00	0.0	0.0	809.90	286.00	813.22	26.10	814.10	16.29	0.0	0.0	7.56
	1300.00	1300.00	0.0	0.0	809.90	555.00	814.54	51.10	815.79	19.93	0.0	0.0	8.97
	1300.00	1300.00	0.0	0.0	809.90	700.00	815.06	63.96	816.51	21.41	0.0	0.0	9.59
	1300.00	1300.00	0.0	0.0	809.90	1064.00	816.26	98.08	818.01	24.66	0.0	0.0	10.61
	1350.00	50.00	0.0	0.0	810.20	286.00	813.98	33.86	814.59	17.57	0.0	0.0	6.23
	1350.00	50.00	0.0	0.0	810.20	555.00	815.40	64.49	816.29	21.47	0.0	0.0	7.56
1336	1350.00	50.00	0.0	0.0	810.20	700.00	816.01	81.09	817.02	23.14	0.0	0.0	8.04
	1350.00	50.00	0.0	0.0	810.20	1064.00	817.27	122.49	818.53	26.59	0.0	0.0	9.00
	1400.00	50.00	0.0	0.0	810.40	286.00	813.84	31.17	815.20	12.59	0.0	0.0	9.64
	1400.00	50.00	0.0	0.0	810.40	555.00	815.51	68.38	817.19	18.23	0.0	0.0	11.11
	1400.00	50.00	0.0	0.0	810.40	700.00	816.19	89.28	817.98	20.52	0.0	0.0	11.66
	1400.00	50.00	0.0	0.0	810.40	1064.00	817.52	141.49	819.56	27.00	0.0	0.0	12.34
1474	1488.00	88.00	822.50	816.40	810.40	286.00	813.96	33.34	815.21	13.01	0.0	0.0	9.23
	1488.00	88.00	822.50	816.40	810.40	555.00	818.23	176.31	818.62	27.40	0.0	0.0	5.73
	1488.00	88.00	822.50	816.40	810.40	700.00	820.98	387.03	821.14	65.98	0.0	0.0	4.02
	1488.00	88.00	822.50	816.40	810.40	1064.00	822.61	698.43	822.71	247.96	0.0	0.0	3.73
1524	1538.00	50.00	0.0	0.0	810.90	286.00	815.14	42.53	815.58	18.83	0.0	0.0	5.29
	1538.00	50.00	0.0	0.0	810.90	555.00	818.42	139.95	818.70	27.84	0.0	0.0	4.25
	1538.00	50.00	0.0	0.0	810.90	700.00	821.00	278.02	821.17	60.10	0.0	0.0	3.29
	1538.00	50.00	0.0	0.0	810.90	1064.00	822.56	411.90	822.76	94.52	0.0	0.0	3.76
1574	1588.00	50.00	0.0	0.0	811.40	286.00	815.33	36.45	815.87	17.96	0.0	0.0	5.92
	1588.00	50.00	0.0	0.0	811.40	555.00	818.46	122.28	818.81	26.58	0.0	0.0	4.70
	1588.00	50.00	0.0	0.0	811.40	700.00	821.01	245.33	821.21	49.45	0.0	0.0	3.58
	1588.00	50.00	0.0	0.0	811.40	1064.00	822.56	364.91	822.81	83.77	0.0	0.0	4.11
3647	3900.00	2312.00	0.0	0.0	833.20	108.00	835.01	7.94	835.56	16.89	0.0	0.0	5.95
	3900.00	2312.00	0.0	0.0	833.20	240.00	835.81	18.68	836.50	21.61	0.0	0.0	7.13
	3900.00	2312.00	0.0	0.0	833.20	320.00	836.18	25.43	837.08	23.81	0.0	0.0	7.62
	3900.00	2312.00	0.0	0.0	833.20	536.00	837.22	54.73	838.05	80.06	0.0	0.0	7.46
3737	3950.00	50.00	0.0	0.0	833.30	108.00	835.79	16.73	835.98	20.90	0.0	0.0	3.49
	3950.00	50.00	0.0	0.0	833.30	240.00	836.73	35.37	837.04	29.20	0.0	0.0	4.50
	3950.00	50.00	0.0	0.0	833.30	320.00	837.15	48.34	837.51	65.57	0.0	0.0	4.86
	3950.00	50.00	0.0	0.0	833.30	536.00	838.05	95.64	838.36	122.81	0.0	0.0	4.89
3787	4000.00	50.00	0.0	0.0	833.30	108.00	835.94	12.01	836.41	21.63	0.0	0.0	6.54
	4000.00	50.00	0.0	0.0	833.30	240.00	836.84	34.08	837.34	37.09	0.0	0.0	6.48
	4000.00	50.00	0.0	0.0	833.30	320.00	837.40	61.18	837.69	87.30	0.0	0.0	5.41
	4000.00	50.00	0.0	0.0	833.30	536.00	838.32	159.08	838.46	122.66	0.0	0.0	4.06
3833	4047.00	47.00	841.70	836.00	833.30	108.00	838.87	253.29	838.88	123.99	0.0	0.0	0.56
	4047.00	47.00	841.70	836.00	833.30	240.00	842.55	1386.93	842.55	163.05	0.0	0.0	0.32
	4047.00	47.00	841.70	836.00	833.30	320.00	842.81	1499.86	842.81	166.06	0.0	0.0	0.41
	4047.00	47.00	841.70	836.00	833.30	536.00	843.28	1721.17	843.29	171.66	0.0	0.0	0.62

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