
 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 DAVIDSON COUNTY BASIN H STREAM 20
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-1.	2.	0.	0.	0.009000	0.0	0.0	0.	716.900	0.0
J2	NPROF	IPLOT	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	488.000	927.000	1150.000	1696.000	1150.000	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	580.000	10.000	1182.000	1195.000	580.000	580.000	580.000	0.0	0.0	0.0
GR	732.900	1000.000	716.300	1099.000	716.300	1100.000	717.300	1182.000	712.000	1185.000
GR	711.900	1189.000	712.100	1192.000	716.700	1195.000	717.300	1200.000	731.700	1259.000
QT	5.000	467.000	884.000	1097.000	1816.000	1097.000	0.0	0.0	0.0	0.0
X1	5840.000	11.000	1221.000	1249.000	5840.000	5840.000	5840.000	0.0	0.0	0.0
GR	741.400	1000.000	730.300	1100.000	725.900	1200.000	726.900	1221.000	720.300	1229.000
GR	720.400	1235.000	721.100	1241.000	726.400	1249.000	726.000	1300.000	727.400	1400.000
GR	744.300	1453.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	416.000	791.000	985.000	1461.000	985.000	0.0	0.0	0.0	0.0
X1	5740.000	12.000	1229.000	1243.000	1600.000	1600.000	1600.000	0.0	-0.900	0.0
GR	763.400	1000.000	752.100	1100.000	748.000	1200.000	747.700	1229.000	743.400	1231.000
GR	742.900	1237.000	742.800	1242.000	745.600	1243.000	749.400	1300.000	752.400	1400.000
GR	758.000	1500.000	762.500	1551.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	5790.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
NC	0.055	0.060	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	5840.000	18.000	1400.000	1429.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	768.300	976.000	766.700	1000.000	760.000	1100.000	755.500	1200.000	753.200	1300.000
GR	752.900	1400.000	746.800	1400.000	743.000	1405.000	743.200	1411.000	743.700	1417.000
GR	748.200	1421.000	747.500	1428.000	752.900	1429.000	752.400	1500.000	754.000	1600.000
GR	759.100	1700.000	766.400	1800.000	768.000	1824.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	29.000	0.010	168.000	0.0	0.0	0.0
X1	5860.000	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	750.700	752.400	0.0	0.0	0.0	0.0	0.0
BT	12.000	976.000	768.300	0.0	1000.000	766.700	0.0	1100.000	760.000	0.0
BT	1200.000	755.500	0.0	1300.000	753.200	0.0	1400.000	752.900	750.700	1429.000
BT	752.900	750.700	1500.000	752.400	0.0	1600.000	754.000	0.0	1700.000	759.100
BT	0.0	1800.000	766.400	0.0	1824.000	768.000	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

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5910										
X1	12,000	12,000	1229,000	1243,000	50,000	50,000	50,000	0.0	0.200	0.0
GR	763,400	1000,000	752,100	1100,000	748,000	1200,000	747,700	1229,000	743,400	1231,000
GR	742,900	1237,000	742,000	1242,000	745,600	1243,000	749,400	1300,000	752,400	1400,000
GR	758,000	1500,000	762,500	1551,000	0.0	0.0	0.0	0.0	0.0	0.0
5960										
X1	5,000	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0.100	0.0
QT	5,000	356,000	678,000	846,000	1260,000	846,000	0.0	0.0	0.0	0.0
7710										
X1	12,000	12,000	1149,000	1162,000	1730,000	1730,000	1730,000	0.0	-1,600	0.0
GR	780,700	1000,000	775,700	1100,000	776,800	1123,000	765,300	1149,000	762,600	1150,000
GR	762,300	1154,000	762,500	1159,000	765,200	1162,000	774,000	1200,000	776,100	1204,000
GR	776,000	1240,000	779,300	1282,000	0.0	0.0	0.0	0.0	0.0	0.0
7810										
X1	0.060	0.0	0.0	0.0	100,000	100,000	100,000	0.0	1,000	0.0
NC	0.060	0.060	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
7860										
X1	14,000	14,000	1300,000	1330,000	50,000	50,000	50,000	0.0	0.0	0.0
GR	787,000	1014,000	782,400	1100,000	776,700	1200,000	771,900	1300,000	764,900	1300,000
GR	762,400	1301,500	762,500	1315,000	762,200	1328,500	765,600	1330,000	771,800	1330,000
GR	773,900	1400,000	777,600	1500,000	782,500	1600,000	787,800	1686,000	0.0	0.0
SB	0.000	1,500	2,500	0.0	30,000	0.010	214,000	0.0	0.0	0.0
7881										
X1	0.0	0.0	0.0	0.0	21,000	21,000	21,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	769,600	771,800	0.0	0.0	0.0	0.0	0.0
BT	9,000	1014,000	787,000	0.0	1100,000	782,400	0.0	1200,000	776,200	0.0
BT	1300,000	771,900	769,600	1330,000	771,800	769,600	1400,000	773,900	0.0	1500,000
BT	777,600	0.0	1600,000	782,500	0.0	1686,000	787,800	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
7931										
X1	12,000	12,000	1149,000	1162,000	50,000	50,000	50,000	0.0	-0.100	0.0
GR	780,700	1000,000	775,700	1100,000	776,800	1123,000	765,300	1149,000	762,600	1150,000
GR	762,300	1154,000	762,500	1159,000	765,200	1162,000	774,000	1200,000	776,100	1204,000
GR	776,000	1240,000	779,300	1282,000	0.0	0.0	0.0	0.0	0.0	0.0
8031										
X1	0.0	0.0	0.0	0.0	100,000	100,000	100,000	0.0	0.100	0.0
QT	0.000	204,000	402,000	513,000	793,000	513,000	0.0	0.0	0.0	0.0
11820										
X1	11,000	11,000	1177,000	1198,000	3529,000	3529,000	3529,000	0.0	-2,600	0.0
GR	836,700	1000,000	828,500	1017,000	825,700	1100,000	821,700	1177,000	816,600	1189,000
GR	816,400	1190,000	816,700	1191,000	820,000	1198,000	820,700	1200,000	829,200	1300,000
GR	836,700	1400,000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11870										
X1	0.025	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0.500	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
11920										
X1	25,000	25,000	1512,500	1523,500	50,000	50,000	50,000	0.0	0.0	0.0
GR	841,500	1000,000	838,300	1100,000	834,600	1200,000	830,700	1300,000	829,300	1344,000
GR	828,000	1344,000	825,200	1427,000	821,200	1504,000	817,400	1512,500	816,300	1512,900
GR	815,900	1514,000	816,300	1515,100	817,400	1515,500	818,400	1518,500	816,600	1519,200
GR	815,900	1521,000	816,600	1522,800	818,400	1523,500	819,500	1525,000	820,200	1527,000
GR	828,700	1627,000	833,400	1690,000	834,000	1700,000	840,000	1800,000	841,500	1826,000
SB	0.000	1,500	2,500	0.0	11,000	3,000	26,690	0.0	0.0	0.0
11980										
X1	0.0	0.0	0.0	0.0	60,000	60,000	60,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	820,900	826,600	0.0	0.0	0.0	0.0	0.0
BT	20,000	1000,000	841,500	0.0	1100,000	838,300	0.0	1200,000	834,600	0.0
BT	1300,000	830,700	0.0	1400,000	827,500	0.0	1500,000	826,600	0.0	1512,500
BT	826,600	817,400	1512,900	826,600	818,500	1514,000	826,600	818,900	1515,100	826,600
BT	818,500	1515,500	826,600	817,400	1518,500	827,300	818,400	1519,200	827,300	820,200
BT	1521,000	827,300	820,900	1522,800	827,300	820,200	1523,500	827,300	818,400	1600,000
BT	828,800	0.0	1700,000	834,000	0.0	1800,000	840,000	0.0	1826,000	841,500
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
12030										
X1	11,000	11,000	1177,000	1198,000	50,000	50,000	50,000	0.0	0.0	0.0

 HEC2 VERSION UPDATED JAN 1975
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 MODIFICATIONS 52,53,54,55,56,57,58

T1 DAVIDSON COUNTY BASIN H STREAM 28
 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.	0.009000	0.0	0.0	0.	717.900	0.0
J2	NPROF	IPLOT	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	CRISW	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
500.00	6.17	718.07	718.07	717.90	718.90	0.83	0.0	0.0	717.30
927.	336.	576.	16.	115.	64.	7.	0.	0.	716.70
0.0	2.91	9.00	2.37	0.055	0.035	0.055	0.0	711.90	1088.43
0.008641	500.	500.	500.	0	8	1	0.0	114.73	1203.16

3301 HV CHANGED MORE THAN HVINS

3840.00	7.40	727.70	0.0	0.0	727.90	0.20	8.93	0.06	726.90
884.	63.	630.	190.	64.	150.	176.	22.	14.	726.40
0.28	0.99	4.20	1.00	0.055	0.035	0.055	0.035	720.30	1159.16
0.001246	3340.	3340.	3340.	8	0	1	0.0	241.78	1400.93

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	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

 HEC2 VERSION UPDATED JAN 1975
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T1 DAVIDSON COUNTY BASIN H STREAM 28
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	4.	0.	0.	0.009000	0.0	0.0	0.	719.900	0.0
J2	NPROF	IPLOT	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	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
500.00	6.47	718.37	0.0	719.90	719.22	0.86	0.0	0.0	717.30
1150.	482.	643.	25.	143.	68.	9.	0.	0.	716.70
0.0	3.37	9.48	2.74	0.055	0.035	0.055	0.0	711.90	1086.67
0.008870	500.	500.	500.	0	0	4	0.0	117.70	1204.37

3301 HV CHANGED MORE THAN HVINS

3840.00	7.76	728.06	0.0	0.0	728.26	0.20	8.98	0.07	726.90
1097.	100.	702.	296.	88.	160.	231.	27.	14.	726.40
0.29	1.13	4.38	1.28	0.055	0.035	0.055	0.035	720.30	1150.92
0.001242	3340.	3340.	3340.	8	0	1	0.0	251.15	1402.07

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	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5440.00	5.94	747.84	747.84	0.0	748.81	0.97	3.86	0.0	746.80
985.	64.	685.	236.	32.	74.	74.	39.	21.	744.70
0.35	1.99	9.27	3.19	0.055	0.035	0.055	0.035	741.90	1181.97

 HEC2 VERSION UPDATED JAN 1975
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T1 DAVIDSON COUNTY BASIN H STREAM 28
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F0
	-10.	5.	0.	0.	0.009000	0.0	0.0	0.	720.900	0.0
J2	NPROF	IPL0T	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	CRISW	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
500.00	7.10	719.00	0.0	720.90	719.90	0.90	0.0	0.0	717.30
1696.	860.	782.	54.	204.	76.	16.	0.	0.	716.70
0.0	4.21	10.30	3.38	0.055	0.035	0.055	0.0	711.90	1082.92
0.008997	500.	500.	500.	0	0	4	0.0	124.02	1206.95

3301 HV CHANGED MORE THAN HVINS

3840.00	8.48	728.78	0.0	0.0	728.98	0.20	9.01	0.07	726.90
1616.	199.	855.	561.	144.	181.	343.	37.	15.	726.40
0.29	1.38	4.74	1.64	0.055	0.035	0.055	0.035	720.30	1134.49
0.001241	3340.	3340.	3340.	9	0	1	0.0	269.84	1404.33

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	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5440.00	6.80	748.70	748.70	0.0	749.55	0.85	3.71	0.0	746.80
1461.	219.	814.	428.	82.	86.	120.	55.	23.	744.70
0.35	2.68	9.48	3.56	0.055	0.035	0.055	0.035	741.90	1161.06

7860

7881

7931

F8031

G11820

11870

11920

11400

12030

12080

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWID	STENCL	STENCR	VCH
7540.00	50.00	0.0	0.0	762.20	356.00	766.74	106.76	766.86	30.00	0.0	0.0	2.82
7540.00	50.00	0.0	0.0	762.20	678.00	768.54	182.04	768.76	30.00	0.0	0.0	3.76
7540.00	50.00	0.0	0.0	762.20	846.00	769.26	214.45	769.53	30.00	0.0	0.0	4.19
7540.00	50.00	0.0	0.0	762.20	1260.00	770.65	280.82	771.06	30.00	0.0	0.0	5.18
7561.00	21.00	771.80	769.60	762.20	356.00	766.74	106.75	766.86	30.00	0.0	0.0	2.82
7561.00	21.00	771.80	769.60	762.20	678.00	768.54	181.76	768.76	30.00	0.0	0.0	3.76
7561.00	21.00	771.80	769.60	762.20	846.00	769.26	214.46	769.53	30.00	0.0	0.0	4.19
7561.00	21.00	771.80	769.60	762.20	1260.00	771.08	302.37	771.45	30.00	0.0	0.0	4.92
7611.00	50.00	0.0	0.0	762.20	356.00	766.34	41.21	767.20	20.96	0.0	0.0	7.49
7611.00	50.00	0.0	0.0	762.20	678.00	768.07	87.40	769.14	32.34	0.0	0.0	8.75
7611.00	50.00	0.0	0.0	762.20	846.00	768.80	113.74	769.92	37.13	0.0	0.0	9.14
7611.00	50.00	0.0	0.0	762.20	1260.00	770.80	211.15	771.74	50.34	0.0	0.0	8.88
7711.00	100.00	0.0	0.0	762.30	356.00	767.21	59.40	767.73	26.19	0.0	0.0	5.93
7711.00	100.00	0.0	0.0	762.30	678.00	768.91	114.24	769.63	37.21	0.0	0.0	7.30
7711.00	100.00	0.0	0.0	762.30	846.00	769.60	143.48	770.39	41.75	0.0	0.0	7.80
7711.00	100.00	0.0	0.0	762.30	1260.00	771.28	233.62	772.08	52.79	0.0	0.0	8.27
11240.00	3529.00	0.0	0.0	813.80	204.00	817.08	15.59	817.97	15.59	0.0	0.0	7.57
11240.00	3529.00	0.0	0.0	813.80	402.00	818.17	33.46	819.35	21.61	0.0	0.0	8.74
11240.00	3529.00	0.0	0.0	813.80	513.00	818.70	45.54	819.93	29.11	0.0	0.0	8.98
11240.00	3529.00	0.0	0.0	813.80	793.00	819.74	80.95	821.03	54.78	0.0	0.0	9.43
11290.00	50.00	0.0	0.0	814.30	204.00	818.06	22.24	818.59	17.83	0.0	0.0	5.85
11290.00	50.00	0.0	0.0	814.30	402.00	819.12	43.60	819.93	28.00	0.0	0.0	7.26
11290.00	50.00	0.0	0.0	814.30	513.00	819.56	55.16	820.48	34.15	0.0	0.0	7.83
11290.00	50.00	0.0	0.0	814.30	793.00	820.24	80.94	821.53	54.78	0.0	0.0	9.43
11340.00	50.00	0.0	0.0	815.90	204.00	819.04	20.40	819.96	15.55	0.0	0.0	7.90
11340.00	50.00	0.0	0.0	815.90	402.00	820.19	45.52	821.39	20.71	0.0	0.0	9.24
11340.00	50.00	0.0	0.0	815.90	513.00	820.76	63.27	821.97	28.57	0.0	0.0	9.45
11340.00	50.00	0.0	0.0	815.90	793.00	821.90	118.88	822.92	56.51	0.0	0.0	9.23
11400.00	60.00	826.60	820.90	815.90	204.00	820.03	41.43	820.38	19.90	0.0	0.0	5.00
11400.00	60.00	826.60	820.90	815.90	402.00	825.46	687.19	825.47	169.89	0.0	0.0	1.16
11400.00	60.00	826.60	820.90	815.90	513.00	827.31	1405.07	827.31	246.29	0.0	0.0	0.82
11400.00	60.00	826.60	820.90	815.90	793.00	828.04	1797.67	828.05	275.36	0.0	0.0	1.04
11450.00	50.00	0.0	0.0	816.40	204.00	820.09	21.28	820.66	17.52	0.0	0.0	6.03
11450.00	50.00	0.0	0.0	816.40	402.00	825.45	333.83	825.48	151.10	0.0	0.0	1.74
11450.00	50.00	0.0	0.0	816.40	513.00	827.30	659.54	827.32	225.15	0.0	0.0	1.32
11450.00	50.00	0.0	0.0	816.40	793.00	828.03	835.08	828.06	255.47	0.0	0.0	1.70
11500.00	50.00	0.0	0.0	816.90	204.00	820.55	20.58	821.14	17.30	0.0	0.0	6.17
11500.00	50.00	0.0	0.0	816.90	402.00	825.45	274.46	825.49	135.73	0.0	0.0	2.01
11500.00	50.00	0.0	0.0	816.90	513.00	827.30	555.88	827.32	204.52	0.0	0.0	1.50
11500.00	50.00	0.0	0.0	816.90	793.00	828.03	712.80	828.06	234.88	0.0	0.0	1.92

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
12840.00	1340.00	0.0	0.0	835.70	127.00	839.74	13.00	840.15	64.41	0.0	0.0	5.71
12840.00	1340.00	0.0	0.0	835.70	259.00	840.24	26.07	840.66	82.00	0.0	0.0	6.64
12840.00	1340.00	0.0	0.0	835.70	336.00	840.44	33.19	840.88	89.00	0.0	0.0	7.09
12840.00	1340.00	0.0	0.0	835.70	538.00	840.76	46.77	841.34	100.06	0.0	0.0	8.62
12990.00	150.00	0.0	0.0	838.50	127.00	842.61	14.33	842.94	66.73	0.0	0.0	5.28
12990.00	150.00	0.0	0.0	838.50	259.00	843.00	24.82	843.46	80.64	0.0	0.0	6.91
12990.00	150.00	0.0	0.0	838.50	336.00	843.16	30.26	843.69	86.25	0.0	0.0	7.64
12990.00	150.00	0.0	0.0	838.50	538.00	843.57	47.58	844.14	100.65	0.0	0.0	8.50
13040.00	50.00	0.0	0.0	841.30	127.00	843.48	13.94	843.96	26.72	0.0	0.0	6.14
13040.00	50.00	0.0	0.0	841.30	259.00	844.09	30.09	844.72	35.38	0.0	0.0	7.33
13040.00	50.00	0.0	0.0	841.30	336.00	844.36	39.61	845.06	39.16	0.0	0.0	7.83
13040.00	50.00	0.0	0.0	841.30	538.00	844.91	64.68	845.77	46.97	0.0	0.0	8.84
13138.00	90.00	847.60	843.30	841.30	127.00	845.84	129.39	845.86	73.27	0.0	0.0	1.26
13138.00	90.00	847.60	843.30	841.30	259.00	848.41	564.69	848.41	235.44	0.0	0.0	0.83
13138.00	90.00	847.60	843.30	841.30	336.00	848.61	632.77	848.62	254.10	0.0	0.0	0.98
13138.00	90.00	847.60	843.30	841.30	538.00	848.99	774.25	849.01	288.17	0.0	0.0	1.33
13188.00	50.00	0.0	0.0	842.20	127.00	846.24	13.02	846.65	64.45	0.0	0.0	5.70
13188.00	50.00	0.0	0.0	842.20	259.00	848.40	121.86	848.42	140.02	0.0	0.0	1.95
13188.00	50.00	0.0	0.0	842.20	336.00	848.60	139.83	848.63	147.11	0.0	0.0	2.27
13188.00	50.00	0.0	0.0	842.20	538.00	848.97	176.66	849.03	160.09	0.0	0.0	3.03
13338.00	150.00	0.0	0.0	845.00	127.00	849.11	14.33	849.44	66.73	0.0	0.0	5.28
13338.00	150.00	0.0	0.0	845.00	259.00	849.55	26.36	849.96	82.31	0.0	0.0	6.58
13338.00	150.00	0.0	0.0	845.00	336.00	849.66	30.18	850.19	86.17	0.0	0.0	7.65
13338.00	150.00	0.0	0.0	845.00	538.00	850.02	44.89	850.65	98.66	0.0	0.0	8.91

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
500.000	488.000	717.534	0.0	0.0	0.0	109.324	0.0	500.000
500.000	927.000	718.071	0.538	0.0	0.0	114.733	-5.409	500.000
500.000	1150.000	718.365	0.294	0.0	0.0	117.695	-8.371	500.000
500.000	1696.000	718.995	0.629	0.0	0.0	124.024	-14.699	500.000
3840.000	467.000	726.487	0.0	8.954	0.0	139.034	0.0	3340.000
3840.000	884.000	727.697	1.210	9.626	0.0	241.775	-102.741	3340.000
3840.000	1097.000	728.064	0.367	9.699	0.0	251.153	-112.119	3340.000
3840.000	1616.000	728.781	0.716	9.786	0.0	269.841	-130.807	3340.000
5440.000	416.000	745.735	0.0	19.248	0.0	29.047	0.0	1600.000
5440.000	791.000	747.438	1.703	19.740	0.0	92.316	-63.269	1600.000
5440.000	985.000	747.839	0.401	19.774	0.0	108.117	-79.070	1600.000
5440.000	1461.000	748.696	0.857	19.915	0.0	145.486	-116.439	1600.000
5490.000	416.000	746.611	0.0	0.876	0.0	34.830	0.0	50.000
5490.000	791.000	747.927	1.316	0.490	0.0	91.921	-57.092	50.000
5490.000	985.000	748.352	0.424	0.513	0.0	108.646	-73.816	50.000
5490.000	1461.000	749.057	0.706	0.362	0.0	137.524	-102.694	50.000
5540.000	416.000	747.287	0.0	0.676	0.0	20.191	0.0	50.000
5540.000	791.000	748.291	1.004	0.364	0.0	28.146	-7.956	50.000
5540.000	985.000	748.439	0.148	0.088	0.0	28.174	-7.983	50.000
5540.000	1461.000	749.481	1.042	0.424	0.0	28.367	-8.176	50.000
5560.000	416.000	747.287	0.0	0.001	0.0	20.189	0.0	20.000

5560.000	791.000	748.293	1.006	0.002	0.0	28,147	-7.958	20,000
5560.000	985.000	748.442	0.149	0.003	0.0	28,175	-7.985	20,000
5560.000	1461.000	749.486	1.043	0.004	0.0	28,368	-8.178	20,000
5610.000	416.000	747.611	0.0	0.323	0.0	41,040	0.0	50,000
5610.000	791.000	749.506	1.896	1,213	0.0	130,385	-89,345	50,000
5610.000	985.000	750.275	0.769	1,833	0.0	172,904	-131,864	50,000
5610.000	1461.000	751.866	1.591	2,381	0.0	264,903	-223,863	50,000
5660.000	416.000	748.007	0.0	0.397	0.0	46,560	0.0	50,000
5660.000	791.000	749.658	1.651	0.152	0.0	132,872	-86,312	50,000
5660.000	985.000	750.364	0.706	0.088	0.0	172,484	-125,923	50,000
5660.000	1461.000	751.907	1.544	0.041	0.0	261,760	-215,199	50,000
7390.000	356.000	764.179	0.0	16,171	0.0	16,586	0.0	1730,000
7390.000	678.000	765.810	1.671	16,152	0.0	27,320	-10,734	1730,000
7390.000	846.000	766.454	0.644	16,090	0.0	31,552	-14,967	1730,000
7390.000	1260.000	767.710	1.257	15,803	0.0	39,821	-23,235	1730,000
7490.000	356.000	765.772	0.0	1,593	0.0	20,487	0.0	100,000
7490.000	678.000	767.070	1.298	1,260	0.0	29,061	-8,574	100,000
7490.000	846.000	767.546	0.476	1,093	0.0	32,179	-11,692	100,000
7490.000	1260.000	768.725	1.179	1,014	0.0	39,917	-19,430	100,000
7540.000	356.000	766.738	0.0	0.966	0.0	30,000	0.0	50,000
7540.000	678.000	768.540	1.802	1,470	0.0	30,000	0.0	50,000
7540.000	846.000	769.260	0.720	1,714	0.0	30,000	0.0	50,000
7540.000	1260.000	770.647	1.388	1,923	0.0	30,000	0.0	50,000
7561.000	356.000	766.738	0.0	0.0	0.0	30,000	0.0	21,000
7561.000	678.000	768.540	1.802	0.0	0.0	30,000	0.0	21,000
7561.000	846.000	769.260	0.720	0.0	0.0	30,000	0.0	21,000
7561.000	1260.000	771.079	1.819	0.432	0.0	30,000	0.0	21,000
7611.000	356.000	766.344	0.0	-0.394	0.0	20,965	0.0	50,000
7611.000	678.000	768.072	1.728	-0.468	0.0	32,339	-11,370	50,000
7611.000	846.000	768.800	0.728	-0.460	0.0	37,130	-16,165	50,000
7611.000	1260.000	770.803	2.003	-0.276	0.0	50,335	-29,370	50,000
7711.000	356.000	767.214	0.0	0.871	0.0	26,094	0.0	100,000
7711.000	678.000	768.915	1.701	0.843	0.0	37,213	-11,119	100,000
7711.000	846.000	769.604	0.689	0.804	0.0	41,748	-15,653	100,000
7711.000	1260.000	771.279	1.675	0.476	0.0	52,786	-20,692	100,000
11240.000	204.000	817.083	0.0	49,869	0.0	15,585	0.0	3529,000
11240.000	402.000	818.167	1.084	49,253	0.0	21,609	-6,023	3529,000
11240.000	513.000	818.699	0.531	49,095	0.0	29,112	-13,527	3529,000
11240.000	793.000	819.745	1.046	48,466	0.0	54,785	-39,200	3529,000
11290.000	204.000	818.057	0.0	0.974	0.0	17,832	0.0	50,000
11290.000	402.000	819.121	1.064	0.954	0.0	28,002	-10,170	50,000
11290.000	513.000	819.557	0.436	0.859	0.0	34,148	-16,317	50,000
11290.000	793.000	820.244	0.687	0.499	0.0	54,777	-36,946	50,000
11340.000	204.000	819.041	0.0	0.984	0.0	15,547	0.0	50,000
11340.000	402.000	820.188	1.147	1.067	0.0	20,707	-5,160	50,000
11340.000	513.000	820.757	0.569	1,199	0.0	28,571	-13,023	50,000
11340.000	793.000	821.900	1.144	1,656	0.0	56,511	-40,964	50,000
11400.000	204.000	820.030	0.0	0.989	0.0	19,900	0.0	60,000
11400.000	402.000	825.460	5.431	5,273	0.0	169,887	-149,987	60,000
11400.000	513.000	827.306	1.846	6,549	0.0	246,292	-226,393	60,000
11400.000	793.000	828.041	0.735	6,141	0.0	275,363	-255,463	60,000
11450.000	204.000	820.093	0.0	0.063	0.0	17,523	0.0	50,000
11450.000	402.000	825.450	5.357	-0.011	0.0	151,099	-133,576	50,000

11450.000	513.000	827.301	1.851	-0.005	0.0	225.145	-207.622	50.000
11450.000	793.000	828.033	0.732	-0.008	0.0	255.471	-237.948	50.000
11500.000	204.000	820.550	0.0	0.457	0.0	17.296	0.0	50.000
11500.000	402.000	825.449	4.899	-0.001	0.0	135.731	-118.435	50.000
11500.000	513.000	827.301	1.852	0.0	0.0	204.519	-187.224	50.000
11500.000	793.000	828.033	0.732	0.0	0.0	234.882	-217.586	50.000
12840.000	127.000	839.740	0.0	19.191	0.0	64.414	0.0	1340.000
12840.000	259.000	840.242	0.502	14.793	0.0	82.000	-17.586	1340.000
12840.000	336.000	840.442	0.199	13.141	0.0	88.996	-24.583	1340.000
12840.000	538.000	840.758	0.316	12.725	0.0	100.064	-35.651	1340.000
12990.000	127.000	842.606	0.0	2.866	0.0	66.732	0.0	150.000
12990.000	259.000	843.003	0.397	2.761	0.0	80.640	-13.908	150.000
12990.000	336.000	843.164	0.161	2.722	0.0	86.251	-19.519	150.000
12990.000	538.000	843.574	0.411	2.816	0.0	100.655	-33.923	150.000
13040.000	127.000	843.479	0.0	0.873	0.0	26.717	0.0	50.000
13040.000	259.000	844.091	0.612	1.088	0.0	35.379	-8.661	50.000
13040.000	336.000	844.358	0.267	1.194	0.0	39.157	-12.440	50.000
13040.000	538.000	844.910	0.552	1.336	0.0	46.972	-20.254	50.000
13138.000	127.000	845.844	0.0	2.365	0.0	73.273	0.0	98.000
13138.000	259.000	848.409	2.564	4.318	0.0	235.437	-162.164	98.000
13138.000	336.000	848.614	0.206	4.256	0.0	254.097	-180.824	98.000
13138.000	538.000	848.994	0.380	4.084	0.0	288.169	-214.896	98.000
13188.000	127.000	846.241	0.0	0.397	0.0	64.448	0.0	50.000
13188.000	259.000	848.398	2.157	-0.011	0.0	140.024	-75.576	50.000
13188.000	336.000	848.601	0.203	-0.014	0.0	147.114	-82.666	50.000
13188.000	538.000	848.970	0.370	-0.024	0.0	160.095	-95.647	50.000
13338.000	127.000	849.106	0.0	2.865	0.0	66.732	0.0	150.000
13338.000	259.000	849.551	0.445	1.153	0.0	82.308	-15.576	150.000
13338.000	336.000	849.661	0.110	1.061	0.0	86.174	-19.442	150.000
13338.000	538.000	850.017	0.356	1.047	0.0	98.662	-31.930	150.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	17.941	0.0
2	0.0	0.0	31.160	13.220
3	0.0	0.0	35.072	17.131
4	0.0	0.0	41.729	23.788