

\*\*\*\*\*  
 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 ROWAN COUNTY BASIN F STREAM 5  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-1.	2.	0.	0.	0.013000	0.0	0.0	0.	721.200	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	283.000	561.000	712.000	1092.000	712.000	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	300.000	13.000	1162.000	1181.000	300.000	300.000	300.000	0.0	0.0	0.0
GR	736.400	1000.000	730.800	1039.000	721.200	1058.000	720.600	1100.000	720.000	1162.000
GR	716.200	1163.000	716.600	1167.000	716.900	1172.000	721.000	1181.000	720.500	1200.000
GR	722.200	1300.000	727.300	1400.000	735.700	1500.000	0.0	0.0	0.0	0.0
QT	5.000	239.000	480.000	613.000	952.000	613.000	0.0	0.0	0.0	0.0
X1	1030.000	14.000	1123.000	1136.000	730.000	730.000	730.000	0.0	-2.600	0.0
GR	744.900	1000.000	739.700	1034.000	731.700	1059.000	731.000	1100.000	728.600	1123.000
GR	727.300	1124.000	727.200	1126.000	727.300	1128.000	731.300	1136.000	734.600	1200.000
GR	736.900	1300.000	741.600	1400.000	745.500	1500.000	747.100	1545.000	0.0	0.0
X1	1130.000	0.0	0.0	0.0	100.000	100.000	100.000	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	1180.000	19.000	1500.000	1507.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	765.600	1000.000	766.100	1100.000	766.600	1200.000	767.100	1300.000	743.600	1378.000
GR	738.400	1412.000	730.400	1437.000	729.700	1478.000	727.300	1500.000	725.900	1500.000
GR	725.900	1507.000	727.300	1507.000	730.000	1514.000	733.300	1578.000	735.600	1678.000
GR	740.300	1778.000	744.200	1878.000	745.800	1923.000	768.600	2000.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	7.000	0.010	49.000	0.0	0.0	0.0
X1	1424.000	0.0	0.0	0.0	244.000	244.000	244.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	732.900	765.600	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	765.600	0.0	1100.000	766.100	0.0	1200.000	766.600	0.0
BT	1300.000	767.100	0.0	1400.000	767.600	0.0	1500.000	767.800	732.900	1507.000
BT	767.800	732.900	1600.000	768.100	0.0	1700.000	768.400	0.0	1800.000	768.600
BT	0.0	1900.000	768.600	0.0	2000.000	768.600	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	1474.000	14.000	1123.000	1136.000	50.000	50.000	50.000	0.0	-0.900	0.0
GR	744.900	1000.000	739.700	1034.000	731.700	1059.000	731.000	1100.000	728.600	1123.000
GR	727.300	1124.000	727.200	1126.000	727.300	1128.000	731.300	1136.000	734.600	1200.000
GR	736.900	1300.000	741.600	1400.000	745.500	1500.000	747.100	1545.000	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 ROWAN COUNTY BASIN F STREAM 5  
 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.	0.013000	0.0	0.0	0.	722.200	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	CRIWS	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
300.00	5.03	721.23	721.23	722.20	721.69	0.46	0.0	0.0	720.00
561.	122.	412.	27.	72.	65.	25.	0.	0.	721.00
0.0	1.71	6.30	1.09	0.055	0.035	0.055	0.0	716.20	1057.94
0.005413	300.	300.	300.	0	10	1	0.0	185.01	1242.95

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	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
1030.00	4.30	728.90	728.90	0.0	729.67	0.78	5.26	0.0	726.00
480.	162.	317.	0.	46.	38.	0.	2.	2.	728.70
0.03	3.51	8.33	0.59	0.055	0.035	0.055	0.035	724.60	1070.95
0.010700	730.	730.	730.	17	12	1	0.0	68.86	1139.81
1130.00	4.51	730.01	729.80	0.0	730.59	0.59	0.90	0.02	726.90
480.	177.	302.	1.	58.	41.	2.	2.	2.	729.60
0.04	3.02	7.40	0.82	0.055	0.035	0.055	0.035	725.50	1058.98
0.007693	100.	100.	100.	4	5	1	0.0	84.91	1143.89

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

T1 ROWAN COUNTY BASIN F STREAM 5  
 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	Q	WSEL	FO	
	-10.	4.	0.	0.	0.0	5000	0.0	0.0	0.	724.200	0.0
J2	NPROF	IPLT	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

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	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
300.00	5.23	721.43	721.43	724.20	721.93	0.50	0.0	0.0	720.00
712.	188.	472.	52.	92.	69.	38.	0.	0.	721.00
0.0	2.03	6.83	1.37	0.055	0.035	0.055	0.0	716.20	1057.55
0.005910	300.	300.	300.	0	15	1	0.0	197.06	1254.61

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	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1030.00	4.67	729.27	729.27	0.0	730.03	0.76	5.33	0.0	726.00
613.	241.	368.	4.	69.	43.	3.	3.	2.	726.70
0.03	3.49	8.56	1.15	0.055	0.035	0.055	0.035	724.60	1058.46
0.009635	730.	730.	730.	10	15	1	0.0	88.62	1147.08
1130.00	4.77	730.27	730.19	0.0	730.93	0.66	0.89	0.01	726.90
613.	250.	358.	5.	75.	44.	4.	3.	3.	729.60
0.04	3.32	8.09	1.18	0.055	0.035	0.055	0.035	725.50	1058.16
0.008281	100.	100.	100.	4	5	1	0.0	90.79	1148.96

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

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

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	5.	0.	0.	0.013000	0.0	0.0	0.	725.200	0.0
J2	NPROF	IPL0T	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	DLOSS	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
300.00	5.60	721.80	721.80	725.20	722.39	0.59	0.0	0.0	720.00
1092.	356.	605.	131.	131.	76.	70.	0.	0.	721.00
0.0	2.71	7.94	1.88	0.055	0.035	0.055	0.0	716.20	1056.81
0.007012	300.	300.	300.	0	17	1	0.0	219.69	1276.56

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	DLOSS	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
1030.00	5.32	729.92	729.92	0.0	730.71	0.79	5.72	0.0	726.00
952.	447.	478.	26.	111.	51.	14.	4.	3.	728.70
0.03	4.02	9.30	1.84	0.055	0.035	0.055	0.035	724.60	1056.44
0.008962	730.	730.	730.	11	10	1	0.0	103.18	1159.62
1130.00	5.31	730.01	0.0	0.0	731.61	0.80	0.90	0.00	726.90
952.	447.	479.	26.	111.	51.	14.	4.	3.	729.60
0.03	4.02	9.32	1.84	0.055	0.035	0.055	0.035	725.50	1056.46
0.009008	100.	100.	100.	0	0	1	0.0	103.09	1159.55

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 GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH	
A	300.00	300.00	0.0	0.0	716.20	283.00	719.66	24.81	720.54	15.96	0.0	0.0	7.55
	300.00	300.00	0.0	0.0	716.20	561.00	721.23	76.25	721.69	185.01	0.0	0.0	6.30
	300.00	300.00	0.0	0.0	716.20	712.00	721.43	92.62	721.93	197.06	0.0	0.0	6.83
	300.00	300.00	0.0	0.0	716.20	1092.00	721.80	130.40	722.39	219.69	0.0	0.0	7.94
	1030.00	730.00	0.0	0.0	724.60	239.00	728.06	24.89	728.63	31.50	0.0	0.0	6.69
	1030.00	730.00	0.0	0.0	724.60	480.00	728.90	46.40	729.67	68.86	0.0	0.0	8.33
	1030.00	730.00	0.0	0.0	724.60	613.00	729.27	62.45	730.03	88.62	0.0	0.0	8.56
	1030.00	730.00	0.0	0.0	724.60	952.00	729.92	100.56	730.71	103.18	0.0	0.0	9.30
	1130.00	100.00	0.0	0.0	725.50	239.00	728.99	25.45	729.53	31.84	0.0	0.0	6.58
	1130.00	100.00	0.0	0.0	725.50	480.00	730.00	54.73	730.59	84.91	0.0	0.0	7.40
	1130.00	100.00	0.0	0.0	725.50	613.00	730.27	67.36	730.93	90.79	0.0	0.0	8.09
	1130.00	100.00	0.0	0.0	725.50	952.00	730.81	100.30	731.61	103.09	0.0	0.0	9.32
	1180.00	50.00	0.0	0.0	725.90	239.00	729.32	40.04	729.80	30.77	0.0	0.0	6.44
	1180.00	50.00	0.0	0.0	725.90	480.00	730.38	91.76	730.82	83.07	0.0	0.0	6.75
	1180.00	50.00	0.0	0.0	725.90	613.00	730.76	126.27	731.16	92.83	0.0	0.0	6.61
	1180.00	50.00	0.0	0.0	725.90	952.00	731.44	212.50	731.84	108.46	0.0	0.0	6.67
	1424.00	244.00	765.60	732.90	725.90	239.00	729.32	39.99	729.80	30.75	0.0	0.0	6.44
	1424.00	244.00	765.60	732.90	725.90	480.00	730.38	91.64	730.82	82.94	0.0	0.0	6.76
	1424.00	244.00	765.60	732.90	725.90	613.00	730.76	126.31	731.16	92.84	0.0	0.0	6.61
	1424.00	244.00	765.60	732.90	725.90	952.00	731.44	211.28	731.84	108.27	0.0	0.0	6.70
	1474.00	50.00	0.0	0.0	726.30	239.00	729.53	20.77	730.29	28.78	0.0	0.0	7.70
	1474.00	50.00	0.0	0.0	726.30	480.00	730.60	46.58	731.37	69.24	0.0	0.0	8.31
	1474.00	50.00	0.0	0.0	726.30	613.00	730.97	62.35	731.73	88.58	0.0	0.0	8.57
	1474.00	50.00	0.0	0.0	726.30	952.00	731.61	100.13	732.41	103.03	0.0	0.0	9.34
	1574.00	100.00	0.0	0.0	727.20	239.00	730.82	28.03	731.28	33.36	0.0	0.0	6.10
	1574.00	100.00	0.0	0.0	727.20	480.00	731.70	54.53	732.29	84.81	0.0	0.0	7.42
	1574.00	100.00	0.0	0.0	727.20	613.00	731.97	67.41	732.63	90.82	0.0	0.0	8.09
	1574.00	100.00	0.0	0.0	727.20	952.00	732.52	100.40	733.31	103.13	0.0	0.0	9.32
	3000.00	1426.00	0.0	0.0	741.90	158.00	745.31	17.46	745.79	55.50	0.0	0.0	6.24
	3000.00	1426.00	0.0	0.0	741.90	327.00	746.01	36.92	746.46	85.69	0.0	0.0	7.08
	3000.00	1426.00	0.0	0.0	741.90	425.00	746.14	42.43	746.71	89.11	0.0	0.0	8.20
	3000.00	1426.00	0.0	0.0	741.90	679.00	746.59	64.81	747.23	100.75	0.0	0.0	9.27
	5800.00	2800.00	0.0	0.0	772.10	63.00	773.76	4.44	774.32	9.23	0.0	0.0	5.99
	5800.00	2800.00	0.0	0.0	772.10	140.00	774.62	10.97	775.40	17.00	0.0	0.0	7.12
	5800.00	2800.00	0.0	0.0	772.10	188.00	775.16	17.69	775.87	26.89	0.0	0.0	6.94
	5800.00	2800.00	0.0	0.0	772.10	322.00	775.92	32.82	776.70	46.84	0.0	0.0	7.75

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
300.000	283.000	719.656	0.0	0.0	0.0	15.962	0.0	300.000
300.000	561.000	721.229	1.573	0.0	0.0	185.007	-169.045	300.000
300.000	712.000	721.428	0.199	0.0	0.0	197.063	-181.101	300.000
300.000	1092.000	721.800	0.372	0.0	0.0	219.690	-203.728	300.000

1030.000	239.000	728.063	0.0	8.407	0.0	31.495	0.0	730.000
1030.000	480.000	728.896	0.833	7.666	0.0	68.862	-37.366	730.000
1030.000	613.000	729.271	0.375	7.843	0.0	88.620	-57.124	730.000
1030.000	952.000	729.917	0.646	8.117	0.0	103.177	-71.682	730.000
1130.000	239.000	728.987	0.0	0.924	0.0	31.838	0.0	100.000
1130.000	480.000	730.005	1.018	1.109	0.0	84.910	-53.072	100.000
1130.000	613.000	730.266	0.261	0.996	0.0	90.794	-58.956	100.000
1130.000	952.000	730.813	0.547	0.896	0.0	103.093	-71.255	100.000
1180.000	239.000	729.317	0.0	0.330	0.0	30.773	0.0	50.000
1180.000	480.000	730.375	1.058	0.370	0.0	83.066	-52.293	50.000
1180.000	613.000	730.757	0.383	0.491	0.0	92.831	-62.058	50.000
1180.000	952.000	731.442	0.685	0.629	0.0	108.463	-77.690	50.000
1424.000	239.000	729.319	0.0	0.002	0.0	30.755	0.0	244.000
1424.000	480.000	730.376	1.057	0.001	0.0	82.944	-52.189	244.000
1424.000	613.000	730.759	0.383	0.001	0.0	92.840	-62.085	244.000
1424.000	952.000	731.444	0.685	0.001	0.0	108.274	-77.519	244.000
1474.000	239.000	729.527	0.0	0.208	0.0	28.779	0.0	50.000
1474.000	480.000	730.600	1.073	0.224	0.0	69.242	-40.464	50.000
1474.000	613.000	730.969	0.369	0.210	0.0	88.576	-59.797	50.000
1474.000	952.000	731.611	0.642	0.167	0.0	103.035	-74.256	50.000
1574.000	239.000	730.823	0.0	1.296	0.0	33.362	0.0	100.000
1574.000	480.000	731.701	0.878	1.101	0.0	84.812	-51.450	100.000
1574.000	613.000	731.968	0.267	0.999	0.0	90.816	-57.454	100.000
1574.000	952.000	732.516	0.548	0.906	0.0	103.125	-69.764	100.000
3000.000	158.000	745.314	0.0	14.491	0.0	55.503	0.0	1426.000
3000.000	327.000	746.007	0.693	14.306	0.0	85.694	-30.190	1426.000
3000.000	425.000	746.139	0.133	14.171	0.0	89.114	-33.611	1426.000
3000.000	679.000	746.588	0.449	14.072	0.0	100.748	-45.245	1426.000
5800.000	63.000	773.757	0.0	28.444	0.0	9.233	0.0	2800.000
5800.000	140.000	774.619	0.861	28.612	0.0	17.000	-7.767	2800.000
5800.000	188.000	775.164	0.545	29.024	0.0	26.891	-17.658	2800.000
5800.000	322.000	775.922	0.759	29.334	0.0	46.842	-37.609	2800.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	4.319	0.0
2	0.0	0.0	9.221	4.901
3	0.0	0.0	10.209	5.889
4	0.0	0.0	12.109	7.790

\*\*\*\*\*  
 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 ROWAN COUNTY BASIN 6 STRM 5 UNNAMED  
 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	FO
	-1.	2.	0.	0.	0.016000	0.0	0.0	0.	715.600	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	415.000	766.000	945.000	1382.000	945.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.490	0.0	0.0	0.0	0.0
X1	200.000	21.000	2035.000	2048.000	200.000	200.000	200.000	0.0	0.0	0.0
GR	715.500	1000.000	715.200	1100.000	715.600	1200.000	715.700	1300.000	715.800	1400.000
GR	715.300	1500.000	714.900	1600.000	714.400	1700.000	714.500	1800.000	714.500	1900.000
GR	714.400	2000.000	711.000	2033.000	710.900	2039.000	710.600	2042.000	710.900	2046.000
GR	713.800	2048.000	714.400	2100.000	715.400	2115.000	722.600	2130.000	726.700	2200.000
GR	729.100	2210.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	404.000	744.000	919.000	1342.000	919.000	0.0	0.0	0.0	0.0
X1	1500.000	10.000	1157.000	1168.000	1300.000	1300.000	1300.000	0.0	-3.600	0.0
GR	741.000	1000.000	728.700	1030.000	727.900	1100.000	727.400	1157.000	724.100	1158.000
GR	724.100	1162.000	724.100	1166.000	727.200	1168.000	728.600	1200.000	741.000	1285.000
X1	1550.000	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	1600.000	18.000	1435.000	1445.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	752.700	1000.000	746.600	1100.000	742.900	1200.000	741.000	1273.000	739.200	1278.000
GR	726.900	1308.000	726.100	1378.000	725.600	1435.000	722.300	1435.000	722.300	1445.000
GR	725.400	1445.000	726.800	1478.000	739.200	1563.000	739.700	1568.000	740.000	1600.000
GR	741.200	1700.000	740.800	1800.000	739.300	1900.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	10.000	0.010	80.000	0.0	0.0	0.0
X1	1666.000	0.0	0.0	0.0	66.000	66.000	66.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	730.300	739.300	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	752.700	0.0	1100.000	746.600	0.0	1200.000	742.900	0.0
BT	1300.000	740.300	0.0	1400.000	739.100	0.0	1435.000	739.000	730.300	1445.000
BT	739.000	730.300	1500.000	739.000	0.0	1600.000	740.000	0.0	1700.000	741.200
BT	0.0	1800.000	740.800	0.0	1900.000	739.300	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	1716.000	10.000	1157.000	1168.000	50.000	50.000	50.000	0.0	-0.900	0.0
GR	741.000	1000.000	728.700	1030.000	727.900	1100.000	727.400	1157.000	724.100	1158.000
GR	724.100	1162.000	724.100	1166.000	727.200	1168.000	728.600	1200.000	741.000	1285.000





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

T1 ROWAN COUNTY BASIN 6 STRM 5 UNNAMED  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.016000	0.0	0.0	0.	716.600	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	CRISW	WSELK	EG	HV	HL	OLOSS	BANK ELEV
G	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	4.20	714.80	714.80	716.60	715.19	0.40	0.0	0.0	711.00
766.	322.	388.	56.	184.	56.	37.	0.	0.	713.80
0.0	1.75	6.89	1.50	0.055	0.035	0.055	0.0	710.60	1620.41
0.005144	200.	200.	200.	0	18	1	0.0	485.56	2105.97

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
1500.00	4.81	725.31	725.31	0.0	725.99	0.58	8.11	0.0	723.80
744.	275.	391.	78.	115.	46.	33.	7.	10.	723.60
0.07	2.39	8.10	2.39	0.055	0.035	0.055	0.035	720.50	1029.48
0.007773	1300.	1300.	1300.	11	11	1	0.0	172.68	1202.16

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

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

T1 ROWAN COUNTY BASIN 6 STRM 5 UNNAMED  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	MINV	IDIR	STRY	METRIC	HVINS	Q	WSEL	FR
	-10.	4.	0.	0.	0.016000	0.0	0.0	0.	718.600	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

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XML	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
200.00	4.35	714.95	714.95	718.60	715.32	0.37	0.0	0.0	711.00
945.	449.	417.	79.	250.	59.	47.	0.	0.	713.80
0.0	1.80	7.11	1.70	0.055	0.035	0.055	0.0	710.60	1587.24
0.005199	200.	200.	200.	0	11	1	0.0	521.02	2108.27

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XML	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1500.00	4.98	725.48	725.48	0.0	726.11	0.62	8.52	0.0	723.80
919.	376.	437.	106.	136.	50.	39.	9.	10.	723.60
0.06	2.75	8.73	2.75	0.055	0.035	0.055	0.035	720.50	1029.07
0.008579	1300.	1300.	1300.	11	11	1	0.0	174.23	1203.30

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

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

T1 ROWAN COUNTY BASIN 6 STRM 5 UNNAMED  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-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.	0.016000	0.0	0.0	0.	720.600	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNJM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

GCHV= 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
200.00	4.60	715.20	715.20	720.60	715.58	0.38	0.0	0.0	711.00
1382.	762.	490.	131.	367.	62.	62.	0.	0.	713.80
0.0	2.07	7.86	2.11	0.055	0.035	0.055	0.0	710.60	1525.70
0.005850	200.	200.	200.	0	12	1	0.0	586.25	2111.96

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
1500.00	5.31	725.81	725.81	0.0	726.54	0.74	9.85	0.0	725.80
1342.	628.	537.	177.	178.	54.	50.	12.	11.	723.60
0.06	3.52	10.01	3.51	0.055	0.035	0.055	0.035	720.50	1028.27
0.010294	1300.	1300.	1300.	9	11	1	0.0	177.26	1205.53

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 GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
A 200.00	200.00	0.0	0.0	710.60	415.00	713.46	35.55	714.35	38.65	0.0	0.0	8.51
A 200.00	200.00	0.0	0.0	710.60	766.00	714.80	106.80	715.19	485.56	0.0	0.0	6.89
A 200.00	200.00	0.0	0.0	710.60	945.00	714.95	131.06	715.32	521.02	0.0	0.0	7.11
A 200.00	200.00	0.0	0.0	710.60	1382.00	715.20	180.69	715.58	586.25	0.0	0.0	7.86
B 1500.00	1300.00	0.0	0.0	720.50	404.00	724.87	53.74	725.33	147.45	0.0	0.0	6.44
B 1500.00	1300.00	0.0	0.0	720.50	744.00	725.31	84.39	725.89	172.68	0.0	0.0	8.10
B 1500.00	1300.00	0.0	0.0	720.50	919.00	725.48	99.22	726.10	174.23	0.0	0.0	8.73
B 1500.00	1300.00	0.0	0.0	720.50	1342.00	725.81	132.27	726.54	177.26	0.0	0.0	10.01
1550.00	50.00	0.0	0.0	721.40	404.00	725.75	52.66	726.23	145.21	0.0	0.0	6.55
1550.00	50.00	0.0	0.0	721.40	744.00	726.29	91.13	726.78	173.42	0.0	0.0	7.59
1550.00	50.00	0.0	0.0	721.40	919.00	726.46	106.62	726.99	174.95	0.0	0.0	8.21
1550.00	50.00	0.0	0.0	721.40	1342.00	726.79	141.81	727.43	178.05	0.0	0.0	9.45
1600.00	50.00	0.0	0.0	722.30	404.00	726.59	78.01	726.94	137.49	0.0	0.0	5.84
1600.00	50.00	0.0	0.0	722.30	744.00	726.94	119.37	727.42	171.05	0.0	0.0	7.41
1600.00	50.00	0.0	0.0	722.30	919.00	727.07	139.74	727.61	172.25	0.0	0.0	7.96
1600.00	50.00	0.0	0.0	722.30	1342.00	727.40	199.85	727.99	175.30	0.0	0.0	8.50
1666.00	66.00	739.30	730.30	722.30	404.00	726.59	78.06	726.94	137.54	0.0	0.0	5.84
1666.00	66.00	739.30	730.30	722.30	744.00	726.94	119.51	727.42	171.06	0.0	0.0	7.40
1666.00	66.00	739.30	730.30	722.30	919.00	727.07	139.94	727.61	172.27	0.0	0.0	7.95
1666.00	66.00	739.30	730.30	722.30	1342.00	727.40	200.14	727.99	175.31	0.0	0.0	8.49
1716.00	50.00	0.0	0.0	723.20	404.00	727.57	53.48	728.03	146.91	0.0	0.0	6.47
1716.00	50.00	0.0	0.0	723.20	744.00	728.09	90.68	728.58	173.36	0.0	0.0	7.62
1716.00	50.00	0.0	0.0	723.20	919.00	728.18	99.10	728.80	174.22	0.0	0.0	8.74
1716.00	50.00	0.0	0.0	723.20	1342.00	728.51	132.59	729.24	177.29	0.0	0.0	9.99
C 1766.00	50.00	0.0	0.0	724.10	404.00	728.44	51.92	728.93	143.65	0.0	0.0	6.63
C 1766.00	50.00	0.0	0.0	724.10	744.00	728.94	86.82	729.49	172.35	0.0	0.0	7.91
C 1766.00	50.00	0.0	0.0	724.10	919.00	729.16	106.66	729.69	174.96	0.0	0.0	8.21
C 1766.00	50.00	0.0	0.0	724.10	1342.00	729.49	141.58	730.13	178.04	0.0	0.0	9.46
D 4700.00	2934.00	0.0	0.0	751.50	378.00	757.41	37.54	757.99	105.74	0.0	0.0	7.27
D 4700.00	2934.00	0.0	0.0	751.50	685.00	757.95	64.00	758.49	146.70	0.0	0.0	8.50
D 4700.00	2934.00	0.0	0.0	751.50	842.00	758.08	72.61	758.72	157.02	0.0	0.0	9.42
D 4700.00	2934.00	0.0	0.0	751.50	1224.00	758.61	116.56	759.14	186.52	0.0	0.0	9.23
E 5500.00	800.00	0.0	0.0	770.00	215.00	773.73	22.00	774.39	37.96	0.0	0.0	6.98
E 5500.00	800.00	0.0	0.0	770.00	410.00	774.47	40.73	775.30	46.95	0.0	0.0	8.47
E 5500.00	800.00	0.0	0.0	770.00	517.00	774.88	54.15	775.69	51.84	0.0	0.0	8.66
E 5500.00	800.00	0.0	0.0	770.00	785.00	775.53	81.46	776.47	58.31	0.0	0.0	9.72
5600.00	100.00	0.0	0.0	771.70	215.00	775.44	22.23	776.09	38.10	0.0	0.0	6.93
5600.00	100.00	0.0	0.0	771.70	410.00	776.19	41.51	777.00	47.18	0.0	0.0	8.39
5600.00	100.00	0.0	0.0	771.70	517.00	776.53	52.54	777.38	51.30	0.0	0.0	8.86
5600.00	100.00	0.0	0.0	771.70	785.00	777.19	79.39	778.16	57.97	0.0	0.0	9.91

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWID	STENCL	STENER.	VCH
5650.00	50.00	0.0	0.0	772.50	215.00	776.57	31.73	777.06	42.93	0.0	0.0	6.69
5650.00	50.00	0.0	0.0	772.50	410.00	777.06	53.65	777.76	48.54	0.0	0.0	8.28
5650.00	50.00	0.0	0.0	772.50	517.00	777.30	67.26	778.07	51.33	0.0	0.0	8.68
5650.00	50.00	0.0	0.0	772.50	785.00	777.90	103.62	778.73	57.37	0.0	0.0	8.95
5697.00	47.00	784.70	778.50	772.50	215.00	776.57	31.81	777.06	42.96	0.0	0.0	6.68
5697.00	47.00	784.70	778.50	772.50	410.00	777.06	53.84	777.76	48.59	0.0	0.0	8.26
5697.00	47.00	784.70	778.50	772.50	517.00	777.31	67.51	778.07	51.38	0.0	0.0	8.66
5697.00	47.00	784.70	778.50	772.50	785.00	785.90	2000.06	785.91	185.95	0.0	0.0	0.95
5747.00	50.00	0.0	0.0	773.30	215.00	777.03	22.05	777.69	37.99	0.0	0.0	6.97
5747.00	50.00	0.0	0.0	773.30	410.00	777.83	42.45	778.60	47.62	0.0	0.0	8.22
5747.00	50.00	0.0	0.0	773.30	517.00	778.08	50.65	778.99	50.64	0.0	0.0	9.10
5747.00	50.00	0.0	0.0	773.30	785.00	785.90	857.51	785.92	168.67	0.0	0.0	1.74
5847.00	100.00	0.0	0.0	775.00	215.00	778.74	22.25	779.39	38.11	0.0	0.0	6.93
5847.00	100.00	0.0	0.0	775.00	410.00	779.47	40.58	780.30	46.88	0.0	0.0	8.50
5847.00	100.00	0.0	0.0	775.00	517.00	779.80	51.32	780.68	50.87	0.0	0.0	9.01
5847.00	100.00	0.0	0.0	775.00	785.00	785.89	570.10	785.94	123.96	0.0	0.0	2.35

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
200.000	415.000	713.460	0.0	0.0	0.0	38.652	0.0	200.000
200.000	766.000	714.797	1.337	0.0	0.0	485.559	-446.907	200.000
200.000	945.000	714.950	0.153	0.0	0.0	521.025	-482.373	200.000
200.000	1382.000	715.196	0.246	0.0	0.0	586.255	-547.603	200.000
1500.000	404.000	724.871	0.0	11.411	0.0	147.447	0.0	1300.000
1500.000	744.000	725.314	0.443	10.517	0.0	172.683	-25.236	1300.000
1500.000	919.000	725.480	0.166	10.530	0.0	174.233	-26.786	1300.000
1500.000	1342.000	725.807	0.326	10.611	0.0	177.259	-29.813	1300.000
1550.000	404.000	725.754	0.0	0.883	0.0	145.212	0.0	50.000
1550.000	744.000	726.292	0.538	0.978	0.0	173.407	-28.195	50.000
1550.000	919.000	726.458	0.166	0.978	0.0	174.954	-29.742	50.000
1550.000	1342.000	726.792	0.334	0.985	0.0	178.053	-32.842	50.000
1600.000	404.000	726.585	0.0	0.832	0.0	137.488	0.0	50.000
1600.000	744.000	726.938	0.353	0.646	0.0	171.047	-33.559	50.000
1600.000	919.000	727.068	0.130	0.610	0.0	172.254	-34.766	50.000
1600.000	1342.000	727.396	0.326	0.604	0.0	175.299	-37.811	50.000
1666.000	404.000	726.585	0.0	0.0	0.0	137.542	0.0	66.000
1666.000	744.000	726.939	0.354	0.001	0.0	171.056	-33.513	66.000
1666.000	919.000	727.069	0.130	0.001	0.0	172.265	-34.723	66.000
1666.000	1342.000	727.397	0.328	0.001	0.0	175.313	-37.770	66.000
1716.000	404.000	727.569	0.0	0.984	0.0	146.909	0.0	50.000
1716.000	744.000	728.087	0.518	1.148	0.0	173.359	-26.450	50.000
1716.000	919.000	728.179	0.093	1.110	0.0	174.221	-27.312	50.000
1716.000	1342.000	728.509	0.330	1.113	0.0	177.286	-30.377	50.000
1766.000	404.000	728.439	0.0	0.870	0.0	143.649	0.0	50.000
1766.000	744.000	728.942	0.503	0.856	0.0	172.948	-29.299	50.000
1766.000	919.000	729.159	0.216	0.979	0.0	174.958	-31.309	50.000
1766.000	1342.000	729.490	0.331	0.981	0.0	178.035	-34.386	50.000
4700.000	378.000	757.412	0.0	28.973	0.0	105.737	0.0	2934.000

4700.000	842.000	758.083	0.135	28.924	0.0	157.022	-51.285	2934.000
5700.000	1224.000	758.609	0.526	29.119	0.0	186.517	-80.780	2934.000
5500.000	215.000	773.729	0.0	16.316	0.0	37.961	0.0	800.000
5500.000	410.000	774.471	0.743	16.523	0.0	46.946	-8.984	800.000
5500.000	517.000	774.875	0.404	16.793	0.0	51.840	-13.878	800.000
5500.000	785.000	775.531	0.656	16.923	0.0	58.308	-20.347	800.000
5600.000	215.000	775.439	0.0	1.711	0.0	38.097	0.0	100.000
5600.000	410.000	776.190	0.751	1.719	0.0	47.176	-9.079	100.000
5600.000	517.000	776.531	0.341	1.655	0.0	51.296	-13.199	100.000
5600.000	785.000	777.188	0.657	1.656	0.0	57.970	-19.673	100.000
5650.000	215.000	776.565	0.0	1.126	0.0	42.931	0.0	50.000
5650.000	410.000	777.059	0.494	0.869	0.0	48.543	-5.613	50.000
5650.000	517.000	777.305	0.246	0.774	0.0	51.335	-8.404	50.000
5650.000	785.000	777.900	0.596	0.713	0.0	57.373	-14.442	50.000
5697.000	215.000	776.567	0.0	0.002	0.0	42.956	0.0	47.000
5697.000	410.000	777.063	0.496	0.004	0.0	48.585	-5.630	47.000
5697.000	517.000	777.309	0.246	0.004	0.0	51.382	-8.426	47.000
5697.000	785.000	785.902	8.594	0.002	0.0	185.951	-142.995	47.000
5747.000	215.000	777.031	0.0	0.463	0.0	37.991	0.0	50.000
5747.000	410.000	777.827	0.796	0.764	0.0	47.622	-9.631	50.000
5747.000	517.000	778.076	0.249	0.768	0.0	50.640	-12.649	50.000
5747.000	785.000	785.897	7.821	-0.005	0.0	168.666	-130.675	50.000
5847.000	215.000	778.740	0.0	1.710	0.0	38.112	0.0	100.000
5847.000	410.000	779.466	0.725	1.639	0.0	46.884	-8.771	100.000
5847.000	517.000	779.795	0.330	1.719	0.0	50.874	-12.761	100.000
5847.000	785.000	785.895	6.099	-0.003	0.0	123.962	-85.850	100.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	13.678	0.0
2	0.0	0.0	23.796	10.119
3	0.0	0.0	24.941	11.263
4	0.0	0.0	27.867	14.190