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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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1 ROWAN COUNTY BASIN E STREAM 12  
 2 FLOODPLAIN STUDY AT ROWAN & HAMILTON COUNCILS N-G JOB NO. 6918  
 3 70 YEAR FLOOD WATER SURFACE PROFILE

01	ICHECK	130	0100	1010	SPRT	DETRIC	DIVIS	2	MSEL	FO
	0.	0.	0.	0.	0.000000	0.0	0.0	0.	737.600	0.0
02	NRDOP	1PLOT	PREVS	XSECV	XSECH	FO	ALLO	130	CH14H	1TRACE
	0.0	0.0	1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	1.000	34.000	3.000	4.000	27.000	28.000	26.000	0.0	0.0	0.0
04	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
05	5.000	572.000	689.000	353.000	1253.000	353.000	0.0	0.0	0.0	0.0
06	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
07	1150.000	12.000	1153.000	1173.000	1150.000	1150.000	1150.000	0.0	0.0	0.0
08	755.100	1090.000	752.400	1048.000	737.500	1023.500	756.500	1153.000	733.100	1164.000
09	732.200	1166.000	732.900	1166.000	732.800	1168.000	736.800	1173.000	739.300	1278.000
10	753.400	1330.000	755.100	1345.000	0.0	0.0	0.0	0.0	0.0	0.0
11	1250.000	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.500	0.0
12	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
13	1300.000	15.000	1491.000	1499.000	50.000	50.000	50.000	0.0	0.0	0.0
14	761.200	1000.000	757.200	1150.000	753.000	1200.000	750.000	1510.000	753.000	1472.000
15	737.300	1493.000	735.200	1493.500	734.300	1496.000	735.200	1498.100	737.300	1499.000
16	750.500	1925.000	740.600	1547.500	742.200	1643.000	753.400	1700.000	761.200	1799.000
17	0.900	4.700	2.500	0.0	6.000	0.010	28.250	0.0	0.0	0.0
18	3402.000	0.0	0.0	0.0	102.000	102.000	102.000	0.0	0.0	0.0
19	0.0	0.0	1.000	740.300	0.0	0.0	0.0	0.0	0.0	0.0
20	13.000	1000.000	737.100	0.0	100.000	757.200	0.0	1250.000	753.000	0.0
21	1500.000	740.000	0.0	1100.000	745.500	0.0	1493.000	735.700	737.500	1493.000
22	745.700	739.400	1493.000	745.700	746.300	1498.100	745.700	739.400	1499.000	745.700
23	747.300	1100.000	746.300	0.0	1700.000	753.500	0.0	1799.000	761.200	0.0
24	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
25	1450.000	12.000	1453.000	1473.000	1450.000	1450.000	1450.000	0.0	0.0	0.0
26	755.100	1090.000	752.400	1048.000	737.500	1023.500	756.500	1153.000	733.100	1164.000
27	732.200	1166.000	732.900	1166.000	732.800	1168.000	736.800	1173.000	739.300	1278.000
28	753.400	1330.000	755.100	1345.000	0.0	0.0	0.0	0.0	0.0	0.0
29	1250.000	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.500	0.0
30	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
31	1300.000	15.000	1491.000	1499.000	50.000	50.000	50.000	0.0	0.0	0.0
32	761.200	1000.000	757.200	1150.000	753.000	1200.000	750.000	1510.000	753.000	1472.000
33	737.300	1493.000	735.200	1493.500	734.300	1496.000	735.200	1498.100	737.300	1499.000
34	750.500	1925.000	740.600	1547.500	742.200	1643.000	753.400	1700.000	761.200	1799.000
35	0.900	4.700	2.500	0.0	6.000	0.010	28.250	0.0	0.0	0.0
36	3402.000	0.0	0.0	0.0	102.000	102.000	102.000	0.0	0.0	0.0
37	0.0	0.0	1.000	740.300	0.0	0.0	0.0	0.0	0.0	0.0
38	13.000	1000.000	737.100	0.0	100.000	757.200	0.0	1250.000	753.000	0.0
39	1500.000	740.000	0.0	1100.000	745.500	0.0	1493.000	735.700	737.500	1493.000
40	745.700	739.400	1493.000	745.700	746.300	1498.100	745.700	739.400	1499.000	745.700
41	747.300	1100.000	746.300	0.0	1700.000	753.500	0.0	1799.000	761.200	0.0
42	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
43	1450.000	12.000	1453.000	1473.000	1450.000	1450.000	1450.000	0.0	0.0	0.0
44	755.100	1090.000	752.400	1048.000	737.500	1023.500	756.500	1153.000	733.100	1164.000
45	732.200	1166.000	732.900	1166.000	732.800	1168.000	736.800	1173.000	739.300	1278.000
46	753.400	1330.000	755.100	1345.000	0.0	0.0	0.0	0.0	0.0	0.0
47	1250.000	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.500	0.0
48	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
49	1300.000	15.000	1491.000	1499.000	50.000	50.000	50.000	0.0	0.0	0.0
50	761.200	1000.000	757.200	1150.000	753.000	1200.000	750.000	1510.000	753.000	1472.000
51	737.300	1493.000	735.200	1493.500	734.300	1496.000	735.200	1498.100	737.300	1499.000
52	750.500	1925.000	740.600	1547.500	742.200	1643.000	753.400	1700.000	761.200	1799.000
53	0.900	4.700	2.500	0.0	6.000	0.010	28.250	0.0	0.0	0.0
54	3402.000	0.0	0.0	0.0	102.000	102.000	102.000	0.0	0.0	0.0
55	0.0	0.0	1.000	740.300	0.0	0.0	0.0	0.0	0.0	0.0
56	13.000	1000.000	737.100	0.0	100.000	757.200	0.0	1250.000	753.000	0.0
57	1500.000	740.000	0.0	1100.000	745.500	0.0	1493.000	735.700	737.500	1493.000
58	745.700	739.400	1493.000	745.700	746.300	1498.100	745.700	739.400	1499.000	745.700
59	747.300	1100.000	746.300	0.0	1700.000	753.500	0.0	1799.000	761.200	0.0
60	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
61	1450.000	12.000	1453.000	1473.000	1450.000	1450.000	1450.000	0.0	0.0	0.0
62	755.100	1090.000	752.400	1048.000	737.500	1023.500	756.500	1153.000	733.100	1164.000
63	732.200	1166.000	732.900	1166.000	732.800	1168.000	736.800	1173.000	739.300	1278.000
64	753.400	1330.000	755.100	1345.000	0.0	0.0	0.0	0.0	0.0	0.0
65	1250.000	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.500	0.0
66	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
67	1300.000	15.000	1491.000	1499.000	50.000	50.000	50.000	0.0	0.0	0.0
68	761.200	1000.000	757.200	1150.000	753.000	1200.000	750.000	1510.000	753.000	1472.000
69	737.300	1493.000	735.200	1493.500	734.300	1496.000	735.200	1498.100	737.300	1499.000
70	750.500	1925.000	740.600	1547.500	742.200	1643.000	753.400	1700.000	761.200	1799.000
71	0.900	4.700	2.500	0.0	6.000	0.010	28.250	0.0	0.0	0.0
72	3402.000	0.0	0.0	0.0	102.000	102.000	102.000	0.0	0.0	0.0
73	0.0	0.0	1.000	740.300	0.0	0.0	0.0	0.0	0.0	0.0
74	13.000	1000.000	737.100	0.0	100.000	757.200	0.0	1250.000	753.000	0.0
75	1500.000	740.000	0.0	1100.000	745.500	0.0	1493.000	735.700	737.500	1493.000
76	745.700	739.400	1493.000	745.700	746.300	1498.100	745.700	739.400	1499.000	745.700
77	747.300	1100.000	746.300	0.0	1700.000	753.500	0.0	1799.000	761.200	0.0
78	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
79	1450.000	12.000	1453.000	1473.000	1450.000	1450.000	1450.000	0.0	0.0	0.0
80	755.100	1090.000	752.400	1048.000	737.500	1023.500	756.500	1153.000	733.100	1164.000
81	732.200	1166.000	732.900	1166.000	732.800	1168.000	736.800	1173.000	739.300	1278.000
82	753.400	1330.000	755.100	1345.000	0.0	0.0	0.0	0.0	0.0	0.0
83	1250.000	0.0	0.0	0.0	100.000	100.000	100.000	0.0	0.500	0.0
84	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
85	1300.000	15.000	1491.000	1499.000	50.000	50.000	50.000	0.0	0.0	0.0
86	761.200	1000.000	757.200	1150.000	753.000	1200.000	750.000	1510.000	753.000	1472.000
87	737.300	1493.000	735.200	1493.500	734.300	1496.000	735.200	1498.100	737.300	1499.000
88	750.500	1925.000	740.600	1547.500	742.200	1643.000	753.400	1700.000	761.200	1799.000
89	0.900	4.700	2.500	0.0	6.000	0.010	28.250	0.0	0.0	0.0
90	3402.000	0.0	0.0	0.0	102.000	102.000	102.000	0.0	0.0	



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 HEC2 VERSION UPDATED JAN 1979  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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11 ROWAN COUNTY BASIN E STREAM 12  
 12 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 13 50 YEAR FLOOD WATER SURFACE PROFILE

01 ICHECK INO MINV IDIR SIRT METRIC HVINS Q WSEL EQ

-10. 3. 0. 0. 0.009000 0.0 0.0 0. 738.000 0.0

02 NPROF IPILOT PREVS XSECV XSECH FH ALLUC IDW CHMIN ITRACE

- 2.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

CCRV= 0.100 CEHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	WSEL	CRIMS	WSELK	EG	HV	HL	LOSS	BANK ELEV
TIME	VLOB	VCH	VROB	XHL	XNCH	XNR	WTN	ELMIN	5STA
SLOPE	XLOBL	XLCR	XLOBR	ITRIAL	IDC	ICONT	CORAR	TORWED	ENDST

1150.00	5.13	737.93	737.93	738.00	738.57	0.66	0.0	0.0	739.50
689.	134.	516.	39.	65.	75.	27.	0.	0.	738.00
0.0	2.05	7.36	1.47	0.055	0.035	0.055	0.0	732.89	1081.99
0.006591	1150.	1150.	1150.	0	0	1	0.0	138.40	1220.39

1250.00	5.37	738.57	0.0	0.0	739.11	0.44	0.52	0.02	737.00
689.	152.	472.	55.	83.	75.	40.	0.	0.	737.30
0.01	1.95	6.29	1.37	0.055	0.035	0.055	0.039	732.36	1081.41
0.004252	100.	100.	100.	2	0	1	0.0	149.45	1236.46

CCRV= 0.100 CEHV= 0.300  
 3685 20 TRIALS USED WSEL, WSEL

7185 410 SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	WSEL	CRIMS	WSELK	EG	HV	HL	LOSS	BANK ELEV
TIME	VLOB	VCH	VROB	XHL	XNCH	XNR	WTN	ELMIN	5STA
SLOPE	XLOBL	XLCR	XLOBR	ITRIAL	IDC	ICONT	CORAR	TORWED	ENDST

1300.00	5.67	740.17	740.17	0.0	741.01	0.84	0.23	0.0	737.30
689.	280.	280.	181.	40.	30.	34.	1.	0.	737.30

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 HUC 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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11 ROYAN COUNTY BASIN E STREAM 12  
 12 FLOODPLAIN STUDY AT ROYAN & DAVIDSON COUNTIES 11-0 JOB NO. 6918  
 13 100 YEAR FLOOD WATER SURFACE PROFILE

10	11	12	13	14	15	16	17	18	19	20	21
10.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CCBY= 0.100 CCHV= 0.300

3720 ASSUMED CRITICAL DEPTH

SECTION	DEPTH	WSEL	CRWS	WSELK	EG	BY	HL	LOSS	BANK ELEV
0	0LOS	0CH	0ROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELWIN	STTA
SLOPE	XLOS	XLCH	XLOB	IFRIAL	LOC	LCNT	COVAR	TOPWID	ENDST
1150.00	5.91	738.21	738.21	740.80	738.85	0.64	0.0	0.0	736.50
053.	205.	575.	70.	39.	76.	42.	0.	0.	736.30
0.0	2.90	7.54	1.68	0.055	0.035	0.055	0.0	732.80	1081.34
0.006209	1150.	1150.	1150.	0	16	1	0.0	150.82	1232.15
1250.00	5.62	738.92	0.0	0.0	739.39	0.47	0.32	0.02	737.00
053.	228.	528.	07.	01.	00.	43.	1.	0.	737.30
0.01	2.27	6.73	1.57	0.055	0.035	0.055	0.035	733.30	1089.83
0.004471	100.	100.	002.	2	0	1	0.0	160.31	1241.15

CCBY= 0.100 CCHV= 0.300

3985 20 TRIALS USED WSEL, CRWS

7185 510 SPECIAL ENERGY

3720 ASSUMED CRITICAL DEPTH

SECTION	DEPTH	WSEL	CRWS	WSELK	EG	BY	HL	LOSS	BANK ELEV
0	0LOS	0CH	0ROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELWIN	STTA
SLOPE	XLOS	XLCH	XLOB	IFRIAL	LOC	LCNT	COVAR	TOPWID	ENDST
1300.00	6.32	740.62	740.62	0.0	741.34	0.72	0.21	0.0	737.30
053.	320.	289.	248.	38.	33.	46.	1.	1.	737.30

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 HELZ VERSION UPDATED JAN 1976  
 ENERGY CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 50,55,56,57,58  
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01 HOWARD COUNTY BASIN 1 STREAM 12  
 02 FLOODPLAIN STUDY AT HOWARD & DAVIDSON COUNTIES H-G JOB NO. 6918  
 03 500 YEAR FLOOD WATER SURFACE PROFILE

01	ICRCC	TDI	TDIS	TDIF	SECT	BTIRC	BVINS	Q	WSLL	FR
	-10.				0.009000	0.0	0.0	0.	741.000	0.0
02	KPROF	TCLOT	PRFVS	XSECV	XSECH	FR	ALLOS	IRW	CHUM	LRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CHV= 0.100 CHV= 0.300

1720 ASSUMED CRITICAL DEPTH

SECT NO	DEPTH	WSCL	CRWS	WSLK	EG	HV	HL	GLOSS	BANK ELEV
Q	QLOH	QCH	QROH	ALOH	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOH	VCH	VROH	XNL	XNCH	XNR	WTN	ELNIN	STA
SLOPE	XLOSL	XLCH	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	EQUST
1150.00	6.88	736.68	736.68	741.00	739.39	0.71	0.0	0.0	736.50
1253.	369.	727.	157.	119.	85.	74.	0.	0.	736.90
0.0	3.09	8.54	2.11	0.055	0.035	0.055	0.0	732.80	1080.22
0.006621	1150.	1150.	1150.	0	10	1	0.0	71.88	1252.10
1250.00	1.16	737.46	0.0	0.0	739.26	0.50	0.54	0.02	737.00
1253.	595.	670.	188.	140.	91.	98.	1.	0.	757.50
0.01	2.86	7.38	7.92	0.055	0.035	0.055	0.035	753.30	1079.57
0.004554	100.	100.	100.	2.	0	1	0.0	104.16	1264.73

CHV= 0.100 CHV= 0.300  
3665 00 TRIALS USED WSCL,WSCEL

7100 010 SPECIFIC ENERGY

1720 ASSUMED CRITICAL DEPTH

SECT NO	DEPTH	WSCL	CRWS	WSLK	EG	HV	HL	GLOSS	BANK ELEV
Q	QLOH	QCH	QROH	ALOH	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOH	VCH	VROH	XNL	XNCH	XNR	WTN	ELNIN	STA
SLOPE	XLOSL	XLCH	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	EQUST
1300.00	6.82	741.12	741.12	0.0	741.86	0.73	0.22	0.0	737.50
1253.	499.	335.	420.	84.	86.	79.	1.	1.	737.30

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION CHANNEL MIN EL OF MAX EL OF MIN EL DISCHARGE CWSL TQ EG TOPWID STENCL STENCR VCH  
 NUMBER LENGTH ROADWAY LOW CHORD GROUND (CFS)

1150.00	1150.00	0.0	0.0	732.80	372.00	736.98	38.93	737.75	61.07	0.0	0.0	7.12
1150.00	1150.00	0.0	0.0	732.80	689.00	737.93	86.18	738.57	138.40	0.0	0.0	7.36
1150.00	1150.00	0.0	0.0	732.80	853.00	738.21	108.25	738.85	150.82	0.0	0.0	7.64
1150.00	1150.00	0.0	0.0	732.80	1253.00	738.68	153.99	739.39	171.88	0.0	0.0	8.54

1250.00	100.00	0.0	0.0	733.30	372.00	737.97	58.08	738.57	116.67	0.0	0.0	5.38
1250.00	100.00	0.0	0.0	733.30	689.00	738.67	105.66	739.11	149.45	0.0	0.0	6.29
1250.00	100.00	0.0	0.0	733.30	853.00	738.92	127.58	739.39	160.31	0.0	0.0	6.73
1250.00	100.00	0.0	0.0	733.30	1253.00	739.46	185.68	739.96	184.16	0.0	0.0	7.38

1300.00	50.00	0.0	0.0	734.30	372.00	739.37	91.59	740.12	41.80	0.0	0.0	8.38
1300.00	50.00	0.0	0.0	734.30	689.00	740.17	96.01	741.01	63.96	0.0	0.0	9.39
1300.00	50.00	0.0	0.0	734.30	853.00	740.62	132.83	741.33	100.32	0.0	0.0	8.89
1300.00	50.00	0.0	0.0	734.30	1253.00	741.12	195.52	741.66	142.78	0.0	0.0	9.42

1402.00	102.00	745.70	740.30	734.30	372.00	739.51	57.33	740.12	44.10	0.0	0.0	7.72
1402.00	102.00	745.70	740.30	734.30	689.00	746.97	3415.10	746.97	366.81	0.0	0.0	5.47
1402.00	102.00	745.70	740.30	734.30	853.00	747.22	3673.81	747.22	372.20	0.0	0.0	6.55
1402.00	102.00	745.70	740.30	734.30	1253.00	747.69	4201.53	747.70	382.64	0.0	0.0	6.72

1452.00	50.00	0.0	0.0	734.40	372.00	740.18	143.74	740.25	167.55	0.0	0.0	2.67
1452.00	50.00	0.0	0.0	734.40	689.00	746.97	1949.84	746.97	235.87	0.0	0.0	0.70
1452.00	50.00	0.0	0.0	734.40	853.00	747.21	2051.62	747.22	237.35	0.0	0.0	0.83
1452.00	50.00	0.0	0.0	734.40	1253.00	747.69	2253.45	747.70	240.23	0.0	0.0	1.14

1552.00	100.00	0.0	0.0	734.30	372.00	740.22	101.18	740.36	147.05	0.0	0.0	3.51
1552.00	100.00	0.0	0.0	734.30	689.00	746.97	1751.39	746.97	232.85	0.0	0.0	0.75
1552.00	100.00	0.0	0.0	734.30	853.00	747.22	1848.55	747.22	234.34	0.0	0.0	0.89
1552.00	100.00	0.0	0.0	734.30	1253.00	747.69	2042.22	747.70	237.23	0.0	0.0	1.22

3050.00	1498.00	0.0	0.0	749.80	230.00	753.00	18.13	753.09	15.47	0.0	0.0	7.97
3050.00	1498.00	0.0	0.0	749.80	489.00	754.47	46.40	755.43	61.08	0.0	0.0	7.96
3050.00	1498.00	0.0	0.0	749.80	581.00	755.08	71.98	755.81	96.36	0.0	0.0	7.36
3050.00	1498.00	0.0	0.0	749.80	885.00	755.66	108.46	756.45	100.54	0.0	0.0	8.22

4600.00	1550.00	0.0	3.0	801.20	131.00	804.18	12.35	804.83	25.72	0.0	0.0	6.76
4600.00	1550.00	0.0	0.0	801.20	262.00	805.03	27.26	805.71	34.74	0.0	0.0	7.61
4600.00	1550.00	0.0	0.0	801.20	357.00	805.26	32.64	806.08	36.09	0.0	0.0	8.58
4600.00	1550.00	0.0	0.0	801.20	523.00	805.91	58.84	806.89	39.92	0.0	0.0	9.82

SECTION NUMBER	DISCHARGE CFS	CWSL	CWSL DIFF EACH 0	CWSL DIFF EACH SECTION	CWSL-KSECK	TOPWID	T.W. DIFF	LENGTH
1150.000	372.000	736.980	0.0	0.0	0.0	61.047	0.0	1150.000
1150.000	689.000	737.927	0.949	0.0	0.0	138.399	-77.352	1150.000
1150.000	853.000	738.207	0.280	0.0	0.0	150.315	-89.751	1150.000
1150.000	1253.000	738.682	0.475	0.0	0.0	171.877	-110.810	1150.000
1250.000	372.000	737.974	0.0	0.905	0.0	116.673	0.0	100.000
1250.000	689.000	738.672	0.699	0.745	0.0	149.655	-32.782	100.000
1250.000	853.000	738.919	0.246	0.711	0.0	160.314	-43.642	100.000
1250.000	1253.000	739.456	0.537	0.773	0.0	184.163	-57.490	100.000

2900  
5900

1300.000	372.000	739.379	0.0	1.401	0.0	41.501	0.0	50.000
1300.000	689.000	740.171	0.797	1.498	0.0	53.960	-22.159	50.000
1300.000	853.000	740.617	0.446	1.690	0.0	100.317	-58.516	50.000
1300.000	1253.000	741.124	0.507	1.660	0.0	142.700	-100.979	50.000
1402.000	372.000	739.567	0.0	0.133	0.0	44.087	0.0	102.000
1402.000	689.000	746.989	7.461	6.793	0.0	366.814	-322.717	102.000
1402.000	853.000	747.216	0.247	6.599	0.0	372.200	-528.103	102.000
1402.000	1253.000	747.593	0.473	6.569	0.0	382.652	-538.546	102.000
1452.000	372.000	740.176	0.0	0.660	0.0	167.559	0.0	50.000
1452.000	689.000	746.969	6.793	-0.001	0.0	235.688	-85.309	50.000
1452.000	853.000	747.215	0.247	-0.001	0.0	237.355	-89.796	50.000
1452.000	1253.000	747.691	0.476	-0.602	0.0	240.253	-72.675	50.000
1552.000	372.000	740.220	0.0	0.045	0.0	147.052	0.0	100.000
1552.000	689.000	746.969	6.749	0.001	0.0	232.054	-85.802	100.000
1552.000	853.000	747.216	0.247	0.001	0.0	234.343	-87.291	100.000
1552.000	1253.000	747.694	0.470	0.063	0.0	237.227	-90.173	100.000
3050.000	236.000	755.000	0.0	12.794	0.0	15.466	0.0	1498.000
3050.000	459.000	754.474	1.970	7.508	0.0	61.083	-25.616	1498.000
3050.000	581.000	755.082	0.608	7.856	0.0	86.360	-60.893	1498.000
3050.000	885.000	755.656	0.574	7.963	0.0	100.581	-85.074	1498.000
4600.000	331.000	804.177	0.0	51.173	0.0	25.724	0.0	1550.000
4600.000	262.000	805.031	0.854	50.556	0.0	34.736	-9.013	1550.000
4600.000	337.000	805.259	0.228	50.277	0.0	36.086	-10.363	1550.000
4600.000	533.000	805.906	0.647	50.249	0.0	39.917	-14.193	1550.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	6.405	0.0
2	0.0	0.0	8.600	4.195
3	0.0	0.0	9.994	5.589
4	0.0	0.0	10.424	6.018