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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 F STREAM 4  
 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	FO
	-1.	2.	0.	0.	0.004000	0.0	0.0	0.	713.100	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHN1M	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	810.000	1450.000	1750.000	2480.000	1750.000	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	15.000	1610.000	1625.000	1300.000	1300.000	1300.000	0.0	0.0	0.0
GR	729.100	1000.000	721.600	1100.000	716.700	1200.000	715.100	1300.000	714.500	1400.000
GR	712.700	1500.000	713.500	1600.000	713.100	1610.000	708.700	1613.000	708.700	1616.000
GR	708.100	1620.000	713.200	1625.000	715.500	1677.000	720.500	1700.000	729.100	1740.000
QT	5.000	640.000	1150.000	1420.000	2040.000	1420.000	0.0	0.0	0.0	0.0
X1	3600.000	12.000	1388.000	1426.000	2300.000	2300.000	2300.000	0.0	0.0	0.0
GR	735.600	1000.000	728.300	1100.000	723.600	1200.000	721.400	1300.000	719.400	1388.000
GR	716.300	1392.000	716.400	1401.000	716.800	1410.000	719.700	1416.000	724.000	1426.000
GR	735.100	1500.000	735.600	1513.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	470.000	855.000	1070.000	1580.000	1070.000	0.0	0.0	0.0	0.0
X1	4525.000	15.000	1299.000	1311.000	925.000	925.000	925.000	0.0	-0.600	0.0
GR	742.100	1000.000	736.500	1100.000	730.500	1200.000	727.600	1289.000	723.700	1295.000
GR	723.600	1299.000	720.700	1300.000	720.700	1305.000	720.700	1309.000	722.500	1311.000
GR	725.500	1316.000	727.300	1400.000	730.200	1482.000	737.100	1500.000	740.800	1600.000
X1	4550.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.100	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	4600.000	26.000	1393.000	1407.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	744.900	1000.000	741.100	1100.000	739.300	1140.000	736.200	1195.000	730.200	1295.000
GR	727.300	1384.000	723.400	1390.000	722.800	1393.000	721.500	1394.000	720.900	1396.000
GR	720.600	1398.000	720.400	1400.000	720.600	1402.000	720.900	1404.000	721.500	1406.000
GR	722.800	1407.000	725.200	1411.000	727.000	1495.000	729.900	1577.000	731.300	1580.000
GR	731.700	1600.000	734.200	1700.000	736.400	1800.000	739.200	1900.000	743.800	2000.000
GR	745.200	2036.000	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	14.000	0.010	93.000	0.0	0.0	0.0
X1	4648.000	0.0	0.0	0.0	48.000	48.000	48.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	728.900	729.900	0.0	0.0	0.0	0.0	0.0
BT	20.000	1000.000	744.900	0.0	1100.000	741.100	0.0	1200.000	736.500	0.0
BT	1300.000	732.100	0.0	1393.000	730.300	722.800	1394.000	730.300	725.400	1396.000

MADE IN U.S.A.



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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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T1 ROWAN COUNTY BASIN F STREAM 4  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INO NINV TDIR STRT METRIC HVINS Q WSEL FR  
 -10. 3. 0. 0. 0.004000 0.0 0.0 0. 714.100 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

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	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENUST

1300.00	6.90	715.00	0.0	714.10	715.32	0.32	0.0	0.0	715.10
1450.	851.	540.	58.	369.	79.	37.	0.	0.	713.20
0.0	2.31	6.81	1.59	0.055	0.035	0.055	0.0	708.10	1316.07
0.003956	1300.	1300.	1300.	0	0	5	0.0	349.70	1665.77

3600.00	5.91	722.21	0.0	0.0	722.55	0.35	7.22	0.01	719.40
1150.	324.	826.	0.	174.	152.	0.	21.	13.	724.00
0.14	1.87	5.45	0.0	0.055	0.035	0.055	0.035	716.30	1263.38
0.002426	2300.	2300.	2300.	5	0	1	0.0	158.45	1421.83

3685 20 TRIALS USED WSEL,CWSEL

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	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENUST

4525.00	6.02	726.12	726.12	0.0	727.30	1.18	3.26	0.0	726.00
855.	76.	671.	109.	19.	69.	49.	26.	16.	721.90
0.13	3.91	9.72	2.24	0.055	0.035	0.055	0.035	720.10	1290.35
0.006694	925.	925.	925.	30	5	1	0.0	82.75	1373.11

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T1 ROWAN COUNTY BASIN F STREAM 4  
 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.	0.004000	0.0	0.0	0.	716.100	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

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	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	ENOST
1300.00	7.12	715.22	0.0	716.10	715.55	0.32	0.0	0.0	715.10
1750.	1083.	587.	80.	437.	83.	46.	0.	0.	713.20
0.0	2.48	7.09	1.74	0.055	0.035	0.055	0.0	708.10	1292.28
0.004067	1300.	1300.	1300.	0	0	5	0.0	378.46	1670.74
3600.00	6.30	722.60	0.0	0.0	722.96	0.36	7.40	0.01	719.40
1420.	473.	947.	0.	226.	165.	0.	25.	15.	724.00
0.14	2.09	5.74	0.0	0.055	0.035	0.055	0.035	716.30	1245.53
0.002494	2300.	2300.	2300.	5	0	1	0.0	177.21	1422.74

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	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	ENOST
4525.00	6.70	726.80	726.80	0.0	727.80	0.99	3.12	0.0	725.00
1070.	101.	731.	239.	26.	77.	102.	32.	18.	721.90
0.18	3.94	9.46	2.35	0.055	0.035	0.055	0.035	720.10	1289.30
0.005470	925.	925.	925.	30	8	1	0.0	113.66	1402.96

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HEC2 VERSION UPDATED JAN 1975  
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T1 ROWAN COUNTY BASIN F STREAM 4  
 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. 0.004000 0.0 0.0 0. 717.100 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 CCHV= 0.300

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

1300.00	7.61	715.71	0.0	717.10	716.02	0.32	0.0	0.0	713.10
2480.	1663.	669.	148.	597.	90.	71.	0.	0.	713.20
0.0	2.78	7.44	2.09	0.055	0.035	0.055	0.0	708.10	1262.12
0.004005	1300.	1300.	1300.	0	0	5	0.0	415.83	1677.95

3600.00	6.99	723.29	0.0	0.0	723.70	0.41	7.65	0.03	719.40
2040.	834.	1206.	0.	335.	190.	0.	34.	17.	724.00
0.13	2.49	6.36	0.0	0.055	0.035	0.055	0.035	716.30	1214.21
0.002710	2300.	2300.	2300.	4	0	1	0.0	210.13	1424.34

3685 20 TRIALS USED WSEL,CWSEL

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

4525.00	7.40	727.50	727.50	0.0	728.55	1.05	3.39	0.0	723.00
1580.	152.	899.	529.	36.	86.	172.	43.	20.	721.90
0.17	4.19	10.50	3.07	0.055	0.035	0.055	0.035	720.10	1273.66
0.005877	925.	925.	925.	30	8	1	0.0	148.95	1422.61

MADE IN U.S.A.

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

108.1  
700.1

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
1300.00	1300.00	0.0	0.0	708.10	810.00	714.32	128.02	714.66	240.06	0.0	0.0	6.24
1300.00	1300.00	0.0	0.0	708.10	1450.00	715.00	230.54	715.32	349.70	0.0	0.0	6.81
1300.00	1300.00	0.0	0.0	708.10	1750.00	715.22	274.40	715.55	378.46	0.0	0.0	7.09
1300.00	1300.00	0.0	0.0	708.10	2480.00	715.70	391.86	716.02	415.83	0.0	0.0	7.44
3600.00	2300.00	0.0	0.0	716.30	640.00	721.24	137.52	721.52	112.21	0.0	0.0	4.61
3600.00	2300.00	0.0	0.0	716.30	1150.00	722.20	233.46	722.55	158.45	0.0	0.0	5.45
3600.00	2300.00	0.0	0.0	716.30	1420.00	722.60	284.32	722.96	177.21	0.0	0.0	5.74
3600.00	2300.00	0.0	0.0	716.30	2040.00	723.29	391.96	723.70	210.13	0.0	0.0	6.35
4525.00	925.00	0.0	0.0	720.10	470.00	724.11	42.45	725.55	21.25	0.0	0.0	9.87
4525.00	925.00	0.0	0.0	720.10	855.00	726.12	104.50	727.30	82.76	0.0	0.0	9.72
4525.00	925.00	0.0	0.0	720.10	1070.00	726.80	144.67	727.79	113.66	0.0	0.0	9.46
4525.00	925.00	0.0	0.0	720.10	1580.00	727.50	206.10	728.55	148.95	0.0	0.0	10.50
4550.00	25.00	0.0	0.0	720.20	470.00	724.90	58.46	725.82	23.45	0.0	0.0	8.02
4550.00	25.00	0.0	0.0	720.20	855.00	726.70	130.52	727.48	105.63	0.0	0.0	8.20
4550.00	25.00	0.0	0.0	720.20	1070.00	727.22	169.66	727.94	126.18	0.0	0.0	8.33
4550.00	25.00	0.0	0.0	720.20	1580.00	727.99	248.84	728.70	171.67	0.0	0.0	9.01
4600.00	50.00	0.0	0.0	720.40	470.00	725.36	102.60	726.01	31.90	0.0	0.0	6.79
4600.00	50.00	0.0	0.0	720.40	855.00	727.21	265.36	727.61	116.90	0.0	0.0	6.04
4600.00	50.00	0.0	0.0	720.40	1070.00	727.71	352.62	728.06	143.54	0.0	0.0	5.99
4600.00	50.00	0.0	0.0	720.40	1580.00	728.49	535.72	728.82	189.40	0.0	0.0	6.26
4648.00	48.00	729.90	728.90	720.40	470.00	725.36	102.30	726.02	31.58	0.0	0.0	6.80
4648.00	48.00	729.90	728.90	720.40	855.00	727.21	265.67	727.61	116.96	0.0	0.0	6.03
4648.00	48.00	729.90	728.90	720.40	1070.00	727.71	352.91	728.06	143.63	0.0	0.0	5.98
4648.00	48.00	729.90	728.90	720.40	1580.00	728.49	535.95	728.82	189.45	0.0	0.0	6.26
4698.00	50.00	0.0	0.0	720.60	470.00	725.38	60.39	726.25	23.69	0.0	0.0	7.85
4698.00	50.00	0.0	0.0	720.60	855.00	726.98	123.63	727.84	100.10	0.0	0.0	8.55
4698.00	50.00	0.0	0.0	720.60	1070.00	727.44	155.68	728.30	117.88	0.0	0.0	8.92
4698.00	50.00	0.0	0.0	720.60	1580.00	728.22	229.81	729.06	162.00	0.0	0.0	9.61
4723.00	25.00	0.0	0.0	720.70	470.00	725.58	63.15	726.40	27.63	0.0	0.0	7.63
4723.00	25.00	0.0	0.0	720.70	855.00	727.16	128.38	727.97	103.95	0.0	0.0	8.31
4723.00	25.00	0.0	0.0	720.70	1070.00	727.65	164.31	728.42	122.50	0.0	0.0	8.54
4723.00	25.00	0.0	0.0	720.70	1580.00	728.40	238.95	729.18	166.72	0.0	0.0	9.31
7270.00	2547.00	0.0	0.0	741.10	267.00	744.26	23.78	744.74	33.84	0.0	0.0	6.66
7270.00	2547.00	0.0	0.0	741.10	528.00	744.82	38.00	745.78	35.52	0.0	0.0	9.42
7270.00	2547.00	0.0	0.0	741.10	670.00	745.14	47.43	746.28	36.48	0.0	0.0	10.20
7270.00	2547.00	0.0	0.0	741.10	1027.00	745.91	73.76	747.34	38.78	0.0	0.0	11.40
7320.00	50.00	0.0	0.0	741.50	267.00	744.91	29.67	745.25	34.58	0.0	0.0	5.69
7320.00	50.00	0.0	0.0	741.50	528.00	745.90	9.14	746.42	37.56	0.0	0.0	6.86
7320.00	50.00	0.0	0.0	741.50	670.00	746.33	74.70	746.93	38.85	0.0	0.0	7.37
7320.00	50.00	0.0	0.0	741.50	1027.00	747.21	111.77	748.02	44.49	0.0	0.0	8.51

LIMIT OF DETAILED STUDY

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
7370.00	50.00	0.0	0.0	741.90	267.00	745.22	82.75	745.38	35.47	0.0	0.0	3.43
7370.00	50.00	0.0	0.0	741.90	528.00	746.27	150.66	746.37	38.39	0.0	0.0	4.47
7370.00	50.00	0.0	0.0	741.90	670.00	746.73	185.36	747.09	39.65	0.0	0.0	4.93
7370.00	50.00	0.0	0.0	741.90	1027.00	747.67	268.81	748.19	48.43	0.0	0.0	5.86
7630.00	260.00	751.60	748.90	741.90	267.00	745.22	82.72	745.38	35.47	0.0	0.0	3.43
7630.00	260.00	751.60	748.90	741.90	528.00	746.28	150.50	746.57	38.39	0.0	0.0	4.48
7630.00	260.00	751.60	748.90	741.90	670.00	746.96	204.34	747.28	40.29	0.0	0.0	4.61
7630.00	260.00	751.60	748.90	741.90	1027.00	747.67	268.79	748.19	48.42	0.0	0.0	5.86
7680.00	50.00	0.0	0.0	741.50	267.00	745.27	39.47	745.50	35.67	0.0	0.0	4.64
7680.00	50.00	0.0	0.0	741.50	528.00	746.33	74.84	746.70	38.86	0.0	0.0	5.80
7680.00	50.00	0.0	0.0	741.50	670.00	747.01	102.65	747.39	40.90	0.0	0.0	5.86
7680.00	50.00	0.0	0.0	741.50	1027.00	747.74	140.32	748.34	61.15	0.0	0.0	7.42
7730.00	50.00	0.0	0.0	741.10	267.00	745.53	59.94	745.66	37.63	0.0	0.0	3.44
7730.00	50.00	0.0	0.0	741.10	528.00	746.65	104.58	746.89	41.03	0.0	0.0	4.56
7730.00	50.00	0.0	0.0	741.10	670.00	747.29	137.53	747.56	59.63	0.0	0.0	4.90
7730.00	50.00	0.0	0.0	741.10	1027.00	748.17	194.63	748.56	86.89	0.0	0.0	6.03
9600.00	1070.00	0.0	0.0	755.50	230.00	759.32	16.56	760.54	11.62	0.0	0.0	8.86
9600.00	1870.00	0.0	0.0	755.50	455.00	760.98	51.06	761.80	71.45	0.0	0.0	8.11
9600.00	1870.00	0.0	0.0	755.50	579.00	761.39	67.79	762.17	88.96	0.0	0.0	8.30
9600.00	1870.00	0.0	0.0	755.50	894.00	762.09	106.23	762.85	118.13	0.0	0.0	9.01

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1300.000	810.000	714.316	0.0	0.0	0.0	240.060	0.0	1300.000
1300.000	1450.000	715.003	0.687	0.0	0.0	349.700	-109.640	1300.000
1300.000	1750.000	715.223	0.220	0.0	0.0	378.463	-138.403	1300.000
1300.000	2480.000	715.705	0.482	0.0	0.0	415.826	-175.756	1300.000
3600.000	640.000	721.236	0.0	6.920	0.0	112.210	0.0	2300.000
3600.000	1150.000	722.205	0.969	7.202	0.0	158.448	-46.239	2300.000
3600.000	1420.000	722.597	0.393	7.374	0.0	177.211	-65.002	2300.000
3600.000	2040.000	723.289	0.691	7.584	0.0	210.132	-97.922	2300.000
4525.000	470.000	724.114	0.0	2.878	0.0	21.252	0.0	925.000
4525.000	855.000	726.123	2.009	3.918	0.0	82.757	-61.506	925.000
4525.000	1070.000	726.804	0.681	4.206	0.0	113.661	-92.409	925.000
4525.000	1580.000	727.499	0.695	4.210	0.0	148.949	-127.698	925.000
4550.000	470.000	724.901	0.0	0.788	0.0	23.451	0.0	25.000
4550.000	855.000	726.699	1.798	0.576	0.0	105.629	-82.178	25.000
4550.000	1070.000	727.220	0.521	0.417	0.0	126.184	-102.732	25.000
4550.000	1580.000	727.990	0.770	0.492	0.0	171.671	-148.219	25.000
4600.000	470.000	725.360	0.0	0.459	0.0	31.896	0.0	50.000
4600.000	855.000	727.215	1.855	0.516	0.0	116.902	-85.006	50.000
4600.000	1070.000	727.709	0.494	0.488	0.0	143.542	-111.646	50.000
4600.000	1580.000	728.486	0.777	0.495	0.0	189.403	-157.507	50.000
4648.000	470.000	725.361	0.0	0.001	0.0	31.583	0.0	48.000
4648.000	855.000	727.215	1.854	0.0	0.0	116.960	-65.377	48.000
4648.000	1070.000	727.709	0.494	0.0	0.0	143.628	-112.046	48.000
4648.000	1580.000	728.486	0.778	0.001	0.0	189.452	-157.869	48.000
4698.000	470.000	725.375	0.0	0.014	0.0	23.694	0.0	30.000



4698,000	855,000	726,982	1,607	-0,233	0.0	100,097	-76,404	50,000
4698,000	1070,000	727,444	0,461	-0,265	0.0	117,881	-94,188	50,000
4698,000	1580,000	728,219	0,775	-0,268	0.0	161,996	-138,302	50,000
4723,000	470,000	725,580	0,0	0,204	0.0	27,630	0,0	25,000
4723,000	855,000	727,164	1,584	0,181	0.0	103,946	-76,315	25,000
4723,000	1070,000	727,652	0,489	0,209	0.0	122,499	-94,869	25,000
4723,000	1580,000	728,403	0,751	0,184	0.0	166,724	-139,094	25,000
7270,000	267,000	744,264	0,0	18,684	0.0	33,835	0,0	2547,000
7270,000	528,000	744,824	0,560	17,661	0.0	35,518	-1,683	2547,000
7270,000	670,000	745,144	0,319	17,491	0.0	36,480	-2,645	2547,000
7270,000	1027,000	745,909	0,765	17,506	0.0	38,780	-4,945	2547,000
7320,000	267,000	744,906	0,0	0,641	0.0	34,575	0,0	50,000
7320,000	528,000	745,902	0,997	1,078	0.0	37,560	-2,985	50,000
7320,000	670,000	746,330	0,428	1,186	0.0	38,854	-4,279	50,000
7320,000	1027,000	747,207	0,878	1,299	0.0	44,485	-9,910	50,000
7370,000	267,000	745,224	0,0	0,318	0.0	35,468	0,0	50,000
7370,000	528,000	746,275	1,051	0,373	0.0	36,394	-2,926	50,000
7370,000	670,000	746,726	0,451	0,396	0.0	39,646	-4,179	50,000
7370,000	1027,000	747,669	0,944	0,462	0.0	48,429	-12,961	50,000
7630,000	267,000	745,224	0,0	0,0	0.0	35,466	0,0	260,000
7630,000	528,000	746,275	1,052	0,001	0.0	38,387	-2,921	260,000
7630,000	670,000	746,958	0,683	0,233	0.0	40,285	-4,819	260,000
7630,000	1027,000	747,670	0,712	0,001	0.0	48,421	-12,955	260,000
7680,000	267,000	745,269	0,0	0,045	0.0	35,675	0,0	50,000
7680,000	528,000	746,329	1,061	0,054	0.0	38,865	-3,190	50,000
7680,000	670,000	747,006	0,677	0,048	0.0	40,896	-5,221	50,000
7680,000	1027,000	747,737	0,731	0,067	0.0	61,150	-25,475	50,000
7730,000	267,000	745,526	0,0	0,258	0.0	37,630	0,0	50,000
7730,000	528,000	746,655	1,129	0,326	0.0	41,027	-3,397	50,000
7730,000	670,000	747,293	0,638	0,287	0.0	59,626	-21,997	50,000
7730,000	1027,000	748,170	0,878	0,434	0.0	86,890	-49,260	50,000
9600,000	230,000	759,322	0,0	13,796	0.0	11,616	0,0	1870,000
9600,000	455,000	760,979	1,657	14,324	0.0	71,449	-59,833	1870,000
9600,000	579,000	761,394	0,416	14,101	0.0	88,962	-77,346	1870,000
9600,000	894,000	762,087	0,693	13,916	0.0	118,126	-106,510	1870,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0,0	0,0	14,071	0,0
2	0,0	0,0	23,366	9,295
3	0,0	0,0	26,628	12,556
4	0,0	0,0	32,089	18,017

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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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