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

T1 TRIB 11 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG		
	-1.	2.	0.	0.	0.005000	0.0	0.0	0.	180.000	0.0		
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE		
	-1.000	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	0.085	0.085	0.060	0.100	0.300	0.0	0.0	0.0	0.0	0.0		
QT	5.000	910.000	1810.000	2410.000	4600.000	2410.000	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	1100.000	18.000	276.000	288.000	1100.000	1100.000	1100.000	0.0	0.0	0.0		
GR	179.500	0.0	169.800	100.000	163.000	172.000	163.600	200.000	162.600	276.000		
GR	160.000	277.000	159.500	283.000	159.300	287.000	162.300	288.000	174.600	300.000		
GR	163.900	330.000	173.800	372.000	176.900	400.000	177.600	406.000	181.500	416.000		
GR	181.500	421.000	182.400	424.000	182.200	429.000	0.0	0.0	0.0	0.0		
X1	3600.000	34.000	190.000	209.000	2500.000	2500.000	2500.000	0.0	0.0	0.0		
GR	186.900	0.0	171.800	48.000	171.700	56.000	171.300	59.000	170.500	63.000		
GR	171.200	68.000	171.700	100.000	171.400	177.000	170.300	179.000	170.200	184.000		
GR	170.400	189.000	171.000	190.000	170.800	200.000	170.800	203.000	169.900	205.000		
GR	171.100	209.000	170.800	256.000	170.500	259.000	171.000	262.000	171.600	300.000		
GR	172.200	330.000	174.000	351.000	175.100	367.000	177.700	381.000	177.500	400.000		
GR	180.000	500.000	181.800	600.000	182.400	637.000	180.900	641.000	180.500	663.000		
GR	184.800	670.000	184.800	677.000	185.700	680.000	185.700	684.000	0.0	0.0		
X1	4875.000	31.000	360.000	390.000	1273.000	1273.000	1273.000	0.0	0.0	0.0		
GR	194.000	0.0	186.100	86.000	186.200	100.000	183.400	200.000	181.600	222.000		
GR	177.900	236.000	176.700	300.000	176.900	360.000	176.300	363.000	170.700	375.000		
GR	176.200	388.000	176.900	390.000	176.800	400.000	176.700	437.000	185.300	500.000		
GR	189.300	561.000	188.000	600.000	190.000	641.000	185.700	653.000	187.200	695.000		
GR	187.100	700.000	186.400	711.000	184.900	723.000	190.400	739.000	189.200	800.000		
GR	190.700	900.000	192.600	955.000	194.200	965.000	194.800	976.000	194.600	987.000		
GR	195.600	990.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
X1	4925.000	21.000	411.000	447.000	50.000	50.000	50.000	0.0	0.0	0.0		
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	183.100	183.100	0.0		
GR	200.500	0.0	195.000	100.000	190.500	200.000	187.100	300.000	184.400	400.000		
GR	184.500	411.000	183.100	411.000	174.400	412.000	170.700	429.000	171.000	436.000		
GR	185.100	447.000	184.500	447.000	184.700	500.000	185.900	600.000	187.000	700.000		
GR	187.400	733.000	189.000	800.000	192.000	900.000	195.000	1000.000	199.100	1100.000		
GR	200.500	1134.000	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	36.000	1.000	348.000	0.0	0.0	0.0		
X1	4950.000	0.0	0.0	0.0	27.000	27.000	27.000	0.0	0.0	0.0		

GR	222.000	500.000	007.700	183.100	184.500	0.0	0.0	0.0	0.0	0.0
X2	0.0	0.0	1.000	183.100	184.500	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	184.500	184.500	0.0
BT	16.000	0.0	200.500	0.0	100.000	195.000	0.0	200.000	190.500	0.0
BT	300.000	187.100	0.0	400.000	184.500	0.0	411.000	184.500	183.100	447.000
BT	184.500	183.100	500.000	184.700	0.0	600.000	185.900	0.0	700.000	187.000
BT	0.0	733.000	187.400	0.0	800.000	189.000	0.0	900.000	192.000	0.0
BT	1000.000	195.000	0.0	1100.000	199.100	0.0	1134.000	200.500	0.0	0.0
X1	5000.000	19.000	359.000	388.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	198.000	0.0	192.800	100.000	188.600	200.000	179.000	293.000	179.000	300.000
GR	176.700	359.000	172.500	361.000	170.500	374.000	172.800	384.000	176.900	388.000
GR	176.700	400.000	178.400	447.000	180.400	500.000	184.400	600.000	186.700	650.000
GR	186.300	662.000	185.000	666.000	187.600	673.000	189.100	700.000	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	15.400	0.0	0.0	0.0	0.0
X1	6000.000	22.000	50.000	70.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	194.300	0.0	178.900	31.000	179.000	50.000	177.900	50.000	177.900	60.000
GR	178.600	70.000	178.600	70.000	178.600	100.000	178.600	200.000	178.700	248.000
GR	180.500	262.000	180.200	283.000	183.400	290.000	184.500	296.000	184.700	300.000
GR	184.500	303.000	183.600	311.000	181.800	315.000	182.100	337.000	187.500	366.000
GR	189.300	400.000	194.700	500.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	6050.000	15.000	1000.000	1075.000	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	184.100	183.800	0.0
GR	186.500	500.000	186.500	1000.000	181.300	1000.000	180.800	1008.000	180.200	1013.000
GR	180.100	1025.000	180.100	1026.000	180.400	1038.000	180.700	1039.000	180.900	1050.000
GR	180.600	1063.000	181.500	1069.000	181.600	1075.000	186.300	1075.000	186.300	1500.000
SB	0.900	1.500	2.500	0.0	75.000	5.000	232.000	0.0	0.0	0.0
X1	6059.000	0.0	0.0	0.0	9.000	9.000	9.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	184.100	186.300	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	186.400	186.400	0.0
BT	12.000	500.000	186.500	0.0	600.000	186.500	0.0	700.000	186.500	0.0
BT	800.000	186.500	0.0	900.000	186.500	0.0	1000.000	186.500	184.100	1075.000
BT	186.300	183.800	1100.000	186.300	0.0	1200.000	186.300	0.0	1300.000	186.300
BT	0.0	1400.000	186.300	0.0	1500.000	186.300	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	50.000	100.000	0.0	0.0
X1	6105.000	22.000	50.000	70.000	46.000	46.000	46.000	0.0	4.200	0.0
GR	194.300	0.0	178.900	31.000	179.000	50.000	177.900	50.000	177.900	60.000
GR	178.600	70.000	178.600	100.000	178.600	140.000	178.600	200.000	178.700	248.000
GR	180.500	262.000	180.200	283.000	183.400	290.000	184.500	296.000	184.700	300.000
GR	184.500	303.000	183.600	311.000	181.800	315.000	182.100	337.000	187.500	366.000
GR	189.300	400.000	194.700	500.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	100.000	432.000	0.0	0.0
X1	8105.000	21.000	419.000	432.000	2000.000	2000.000	2000.000	0.0	0.0	0.0
GR	201.600	0.0	196.300	6.000	194.700	19.000	196.200	24.000	196.200	29.000
GR	196.200	32.000	194.900	36.000	193.000	53.000	186.500	71.000	186.700	100.000
GR	186.100	200.000	186.500	300.000	186.700	400.000	186.900	419.000	184.000	422.000
GR	183.600	428.000	184.100	431.000	186.800	432.000	189.800	500.000	196.100	600.000
GR	201.600	675.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	100.000	432.000	0.0	0.0
X1	12105.000	24.000	537.000	548.000	4000.000	4000.000	4000.000	0.0	0.0	0.0
GR	235.900	0.0	225.700	100.000	214.300	186.000	212.900	200.000	211.400	235.000
GR	210.000	237.000	209.100	239.000	210.000	242.000	210.600	244.000	209.600	300.000
GR	209.700	400.000	209.900	500.000	210.600	537.000	206.500	540.000	206.100	543.000
GR	206.500	545.000	210.700	548.000	210.800	588.000	210.600	600.000	218.500	700.000
GR	220.800	800.000	221.000	876.000	222.000	900.000	225.500	959.000	0.0	0.0
QT	5.000	550.000	1180.000	1600.000	3100.000	1600.000	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	14105.000	22.000	537.000	550.000	2000.000	2000.000	2000.000	0.0	0.0	0.0
GR	258.200	0.0	253.200	100.000	245.800	200.000	237.300	300.000	233.300	400.000
GR	231.300	428.000	227.700	490.000	227.700	500.000	227.700	537.000	223.400	542.000

GR	222.600	544.000	223.300	546.000	225.900	550.000	226.700	600.000	228.100	700.000
GR	228.900	800.000	229.500	900.000	232.400	1000.000	232.900	1100.000	232.100	1200.000
GR	233.400	1300.000	251.200	1400.000	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	150.000	380.000	520.000	1120.000	520.000	0.0	0.0	0.0	0.0
X1	18105.000	18.000	1165.000	1178.000	4000.000	4000.000	4000.000	0.0	0.0	0.0
GR	279.300	1000.000	277.500	1010.000	272.200	1050.000	269.000	1100.000	266.700	1130.000
GR	266.200	1150.000	264.700	1165.000	261.800	1171.000	261.500	1172.000	261.700	1173.000
GR	264.300	1178.000	265.900	1200.000	266.900	1225.000	268.400	1250.000	272.800	1300.000
GR	275.800	1350.000	277.700	1361.000	279.200	1390.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	15.400	0.0	0.0	0.0	0.0
X1	18155.000	36.000	1469.200	1474.800	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	269.500	269.500	0.0
GR	287.400	1000.000	286.100	1050.000	284.200	1100.000	282.200	1150.000	280.200	1200.000
GR	278.400	1250.000	276.800	1300.000	275.500	1345.000	274.700	1350.000	271.500	1400.000
GR	269.200	1430.000	268.700	1450.000	267.200	1465.000	266.800	1469.200	264.900	1470.000
GR	264.300	1471.000	264.000	1472.000	264.300	1473.000	264.900	1474.000	266.800	1474.800
GR	266.800	1478.000	268.400	1500.000	269.400	1525.000	270.900	1550.000	272.000	1565.000
GR	272.400	1600.000	272.800	1650.000	273.800	1700.000	275.000	1750.000	276.200	1800.000

BT	0.0	733.000	187.400	0.0	800.000	189.000	0.0	900.000	192.000	0.0
BT	1000.000	195.000	0.0	1100.000	199.100	0.0	1124.000	200.500	0.0	0.0
X1	5000.000	19.000	359.000	388.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	198.000	0.0	192.800	100.000	188.600	200.000	179.000	293.000	179.000	300.000
GR	176.700	359.000	172.500	361.000	170.500	374.000	172.800	384.000	176.900	388.000
GR	176.700	400.000	178.400	447.000	180.400	500.000	184.400	600.000	186.700	650.000
GR	186.300	662.000	185.000	666.000	187.600	673.000	189.100	700.000	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	15.400	0.0	0.0	0.0	0.0
X1	6000.000	22.000	50.000	70.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	194.300	0.0	178.900	31.000	179.000	50.000	177.900	50.000	177.900	60.000
GR	178.600	70.000	178.600	70.000	178.600	100.000	178.600	200.000	178.700	248.000
GR	180.500	262.000	180.200	283.000	183.400	290.000	184.500	296.000	184.700	300.000
GR	184.500	303.000	183.600	311.000	181.800	315.000	182.100	337.000	187.500	366.000
GR	189.300	400.000	194.700	500.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	6050.000	15.000	1000.000	1075.000	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	184.100	183.800	0.0
GR	186.500	500.000	186.500	1000.000	181.300	1000.000	180.800	1008.000	180.200	1013.000
GR	180.100	1025.000	180.100	1026.000	180.400	1038.000	180.700	1039.000	180.900	1050.000
GR	180.600	1063.000	181.500	1069.000	181.600	1075.000	186.300	1075.000	186.300	1500.000
SB	0.900	1.500	2.500	0.0	75.000	5.000	232.000	0.0	0.0	0.0
X1	6059.000	0.0	0.0	0.0	9.000	9.000	9.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	184.100	186.300	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	186.400	186.400	0.0
BT	12.000	500.000	186.500	0.0	600.000	186.500	0.0	700.000	186.500	0.0
BT	800.000	186.500	0.0	900.000	186.500	0.0	1000.000	186.500	184.100	1075.000
BT	186.300	183.800	1100.000	186.300	0.0	1200.000	186.300	0.0	1300.000	186.300
BT	0.0	1400.000	186.300	0.0	1500.000	186.300	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	50.000	100.000	0.0	0.0
X1	6105.000	22.000	50.000	70.000	46.000	46.000	46.000	0.0	4.200	0.0
GR	194.300	0.0	178.900	31.000	179.000	50.000	177.900	50.000	177.900	60.000
GR	178.600	70.000	178.600	100.000	178.600	140.000	178.600	200.000	178.700	248.000
GR	180.500	262.000	180.200	283.000	183.400	290.000	184.500	296.000	184.700	300.000
GR	184.500	303.000	183.600	311.000	181.800	315.000	182.100	337.000	187.500	366.000
GR	189.300	400.000	194.700	500.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	100.000	432.000	0.0	0.0
X1	8105.000	21.000	419.000	432.000	2000.000	2000.000	2000.000	0.0	0.0	0.0
GR	201.600	0.0	196.300	6.000	194.700	19.000	196.200	24.000	196.200	29.000
GR	196.200	32.000	194.900	36.000	193.000	53.000	186.500	71.000	186.700	100.000
GR	186.100	200.000	186.500	300.000	186.700	400.000	186.900	419.000	184.000	422.000
GR	183.600	428.000	184.100	431.000	186.800	432.000	189.800	500.000	196.100	600.000
GR	201.600	675.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	100.000	432.000	0.0	0.0
X1	12105.000	24.000	537.000	548.000	4000.000	4000.000	4000.000	0.0	0.0	0.0
GR	235.900	0.0	225.700	100.000	214.300	186.000	212.900	200.000	211.400	235.000
GR	210.000	237.000	209.100	239.000	210.000	242.000	210.600	244.000	209.600	300.000
GR	209.700	400.000	209.900	500.000	210.600	537.000	206.500	540.000	206.100	543.000
GR	206.500	545.000	210.700	548.000	210.800	588.000	210.600	600.000	218.500	700.000
GR	220.800	800.000	221.000	876.000	222.000	900.000	225.500	959.000	0.0	0.0
QT	5.000	550.000	1180.000	1600.000	3100.000	1600.000	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	14105.000	22.000	537.000	550.000	2000.000	2000.000	2000.000	0.0	0.0	0.0
GR	258.200	0.0	253.200	100.000	245.800	200.000	237.300	300.000	233.300	400.000

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

10 YEAR FLOOD WATER SURF

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
1100.00	1100.00	0.0	0.0	159.30	910.00	165.51	129.17	165.67	157.06	0.0	0.0	4.58
3600.00	2500.00	0.0	0.0	169.90	910.00	173.50	195.50	173.53	302.56	0.0	0.0	2.24
4873.00	1273.00	0.0	0.0	170.70	910.00	178.01	104.40	178.30	210.96	0.0	0.0	5.17
4923.00	50.00	0.0	0.0	170.70	910.00	178.25	118.02	178.67	31.03	0.0	0.0	5.25
4950.00	27.00	184.50	183.10	170.70	910.00	178.27	118.53	178.69	31.05	0.0	0.0	5.23
5000.00	50.00	0.0	0.0	170.50	910.00	178.68	169.81	178.91	146.14	0.0	0.0	4.15
6000.00	1000.00	0.0	0.0	177.90	910.00	181.21	207.90	181.25	258.89	0.0	0.0	2.24
6050.00	50.00	0.0	0.0	180.10	910.00	182.33	42.26	183.16	75.00	0.0	0.0	7.33
6059.00	9.00	186.30	184.10	180.10	910.00	182.74	60.58	183.27	75.00	0.0	0.0	5.88
6105.00	46.00	0.0	0.0	182.10	910.00	184.10	64.31	184.29	228.36	0.0	0.0	5.05
8105.00	2000.00	0.0	0.0	183.60	910.00	188.90	314.46	188.92	415.29	0.0	0.0	1.71
12105.00	4000.00	0.0	0.0	206.10	910.00	210.64	50.54	210.98	314.71	0.0	0.0	7.63
14105.00	2000.00	0.0	0.0	222.60	550.00	228.68	104.56	228.73	298.40	0.0	0.0	3.00
18105.00	4000.00	0.0	0.0	261.50	150.00	264.50	6.74	265.30	15.32	0.0	0.0	7.21
18155.00	50.00	0.0	0.0	264.00	150.00	267.59	5.49	269.02	5.60	0.0	0.0	6.58
18197.00	42.00	272.00	269.50	264.00	150.00	267.59	5.50	269.02	5.60	0.0	0.0	9.57
18247.00	50.00	0.0	0.0	263.70	150.00	269.16	285.90	269.16	255.57	0.0	0.0	0.0

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1100.000	910.000	165.511	0.0	0.0	0.0	157.065	0.0	1100.000
3600.000	910.000	173.499	0.0	7.988	0.0	302.561	0.0	2500.000
4873.000	910.000	178.005	0.0	4.506	0.0	210.958	0.0	1273.000
4923.000	910.000	178.247	0.0	0.242	0.0	31.033	0.0	50.000
4950.000	910.000	178.266	0.0	0.019	0.0	31.050	0.0	27.000
5000.000	910.000	178.678	0.0	0.412	0.0	146.140	0.0	50.000
6000.000	910.000	181.213	0.0	2.535	0.0	258.888	0.0	1000.000
6050.000	910.000	182.328	0.0	1.114	0.0	75.000	0.0	50.000

6059.000	910.000	182.715	0.0	0.408	0.0	75.000	0.0	9.000
6105.000	910.000	184.103	0.0	1.368	0.0	228.357	0.0	46.000
8105.000	910.000	168.903	0.0	4.800	0.0	415.293	0.0	2000.000
12105.000	910.000	210.639	0.0	21.736	0.0	314.712	0.0	4000.000
14105.000	550.000	228.676	0.0	18.037	0.0	298.400	0.0	2000.000
18105.000	150.000	264.498	0.0	35.822	0.0	15.320	0.0	4000.000
18155.000	150.000	267.592	0.0	3.094	0.0	5.600	0.0	50.000
18197.000	150.000	267.594	0.0	0.002	0.0	5.600	0.0	42.000
18247.000	150.000	269.164	0.0	1.569	0.0	255.570	0.0	50.000

DATA FOR LAST CROSS SECTION
PROFILE

TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	102.909	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 TRIB 11 BASIN 15
 T2 FLOODPLAIN STUDY AT HENRY COUNTY M-G JOB NO.6856
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.005000	0.0	0.0	0.	181.000	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

3265 DIVIDED FLOW

SLCNO	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	XLN	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENUST
1100.00	7.57	166.87	0.0	181.00	167.07	0.20	0.0	0.0	162.60
1810.	1297.	447.	66.	466.	84.	41.	0.	0.	172.30
0.0	2.79	5.30	1.60	0.085	0.060	0.085	0.0	159.30	131.03
0.004996	1100.	1100.	1100.	0	0	0	0.0	182.35	342.60
3600.00	4.76	174.66	0.0	0.0	174.72	0.05	7.64	0.01	171.00
1810.	830.	206.	774.	478.	75.	446.	46.	14.	171.10
0.37	1.74	2.76	1.74	0.085	0.060	0.085	0.060	169.90	38.89
0.002060	2500.	2500.	2500.	3	0	1	0.0	321.81	360.70
4873.00	8.32	179.02	0.0	0.0	179.35	0.33	4.55	0.08	176.90
1810.	591.	909.	311.	246.	151.	125.	68.	22.	176.90
0.46	2.40	6.02	2.48	0.085	0.060	0.085	0.060	170.70	231.76
0.007652	1273.	1273.	1273.	2	0	1	0.0	222.23	453.99

3301 HV CHANGED MORE THAN HVINS

OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 183.10 ELREA= 183.10

4923.00	8.14	178.04	0.0	0.0	180.22	1.38	0.56	0.32	184.50
1810.	0.	1810.	0.	0.	192.	0.	68.	23.	184.50
0.46	0.0	9.42	0.0	0.085	0.060	0.085	0.060	170.70	411.49
0.017554	50.	50.	50.	2	0	1	0.0	31.64	443.13

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

T1 TRIB 11 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.005000	0.0	0.0	0.	163.000	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

3265 DIVIDED FLOW

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	XLN	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1100.00	8.28	167.58	0.0	163.00	167.80	0.22	0.0	0.0	162.60
2410.	1773.	525.	112.	572.	93.	61.	0.	0.	162.30
0.0	3.10	5.66	1.82	0.085	0.060	0.085	0.0	159.30	123.48
0.004997	1100.	1100.	1100.	0	0	8	0.0	195.62	345.62
3600.00	5.40	175.30	0.0	0.0	175.37	0.07	7.55	0.02	171.00
2410.	1108.	262.	1040.	575.	87.	545.	55.	15.	171.10
0.34	1.93	3.02	1.91	0.085	0.060	0.085	0.060	169.90	36.87
0.002021	2500.	2500.	2500.	5	0	1	0.0	331.23	368.09
4873.00	8.87	179.57	0.0	0.0	179.92	0.35	4.47	0.09	176.90
2410.	884.	1072.	454.	317.	167.	162.	83.	23.	176.90
0.42	2.79	6.40	2.81	0.085	0.060	0.085	0.060	170.70	229.68
0.007530	1273.	1273.	1273.	2	0	1	0.0	228.33	458.02

3301 HV CHANGED MORE THAN HVINS

OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 183.10 ELREA= 183.10

4923.00	8.03	178.73	0.0	0.0	181.26	2.53	0.69	0.66	184.50
2410.	0.	2410.	0.	0.	189.	0.	83.	23.	184.50
0.42	0.0	12.78	0.0	0.085	0.060	0.085	0.060	170.70	411.50
0.032775	50.	50.	50.	3	0	1	0.0	31.53	443.03

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

T1 TRIB 11 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	5.	0.	0.	0.005000	0.0	0.0	0.	186.000	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

3265 DIVIDED FLOW

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
1100.00	10.31	169.61	0.0	186.00	169.90	0.30	0.0	0.0	162.60
4600.	3493.	770.	337.	902.	117.	141.	0.	0.	162.30
0.0	3.87	6.58	2.39	0.085	0.060	0.085	0.0	159.30	102.03
0.004954	1100.	1100.	1100.	0	0	7	0.0	233.32	354.22
3600.00	7.28	177.18	0.0	0.0	177.28	0.10	7.36	0.02	171.00
4600.	2107.	456.	2036.	867.	122.	852.	86.	17.	171.10
0.27	2.43	3.73	2.39	0.085	0.060	0.085	0.060	169.90	30.92
0.001948	2500.	2500.	2500.	4	0	1	0.0	347.25	378.17
4873.00	10.51	181.21	0.0	0.0	181.64	0.43	4.26	0.10	176.90
4600.	1995.	1592.	1013.	535.	217.	283.	128.	25.	176.90
0.34	5.73	7.35	3.58	0.085	0.060	0.085	0.060	170.70	223.48
0.007037	1273.	1273.	1273.	2	0	1	0.0	246.56	470.03

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

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

12.12.22

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	
1	1100.00	1100.00	0.0	0.0	159.30	910.00	165.51 ¹⁰	129.17	165.67	157.06	0.0	0.0	4.58
1	1100.00	1100.00	0.0	0.0	159.30	1810.00	166.87 ⁵⁰	256.07	167.06	182.35	0.0	0.0	5.30
1	1100.00	1100.00	0.0	0.0	159.30	2410.00	167.58 ¹⁰⁰	340.93	167.80	195.62	0.0	0.0	5.66
1	1100.00	1100.00	0.0	0.0	159.30	4600.00	169.61 ⁵⁰⁰	653.55	169.90	233.32	0.0	0.0	6.58
2	3600.00	2500.00	0.0	0.0	169.90	910.00	173.50	195.50	173.53	302.56	0.0	0.0	2.24
2	3600.00	2500.00	0.0	0.0	169.90	1810.00	174.66	398.78	174.72	321.81	0.0	0.0	2.76
2	3600.00	2500.00	0.0	0.0	169.90	2410.00	175.30	536.13	175.37	331.23	0.0	0.0	3.02
2	3600.00	2500.00	0.0	0.0	169.90	4600.00	177.18	1042.26	177.28	347.25	0.0	0.0	3.73
	4873.00	1273.00	0.0	0.0	170.70	910.00	178.01	104.40	178.30	210.96	0.0	0.0	5.17
	4873.00	1273.00	0.0	0.0	170.70	1810.00	179.02	206.91	179.35	222.23	0.0	0.0	6.02
	4873.00	1273.00	0.0	0.0	170.70	2410.00	179.57	277.72	179.92	228.33	0.0	0.0	6.40
	4873.00	1273.00	0.0	0.0	170.70	4600.00	181.21	548.37	181.64	246.56	0.0	0.0	7.35
	4923.00	50.00	0.0	0.0	170.70	910.00	178.25	118.02	178.67	31.03	0.0	0.0	5.25
	4923.00	50.00	0.0	0.0	170.70	1810.00	178.84	136.61	180.22	31.64	0.0	0.0	9.42
	4923.00	50.00	0.0	0.0	170.70	2410.00	178.73	133.12	181.26	31.53	0.0	0.0	12.78
	4923.00	50.00	0.0	0.0	170.70	4600.00	181.55	233.45	185.70	34.41	0.0	0.0	16.36
	4950.00	27.00	184.50	183.10	170.70	910.00	178.27	118.53	178.69	31.05	0.0	0.0	5.23
	4950.00	27.00	184.50	183.10	170.70	1810.00	178.98	140.87	180.30	31.78	0.0	0.0	9.22
	4950.00	27.00	184.50	183.10	170.70	2410.00	179.17	147.06	181.37	31.97	0.0	0.0	11.91
	4950.00	27.00	184.50	183.10	170.70	4600.00	181.83	245.38	185.70	34.71	0.0	0.0	15.78
	5000.00	50.00	0.0	0.0	170.50	910.00	178.68	169.81	178.91	146.14	0.0	0.0	4.15
	5000.00	50.00	0.0	0.0	170.50	1810.00	180.45	347.81	180.68	222.17	0.0	0.0	4.74
	5000.00	50.00	0.0	0.0	170.50	2410.00	181.64	532.90	181.82	263.49	0.0	0.0	4.51
	5000.00	50.00	0.0	0.0	170.50	4600.00	186.10	1759.79	186.18	419.23	0.0	0.0	3.38
	6000.00	1000.00	0.0	0.0	177.90	910.00	181.21	207.90	181.25	258.89	0.0	0.0	2.24
	6000.00	1000.00	0.0	0.0	177.90	1810.00	182.69	452.69	182.74	292.19	0.0	0.0	2.65
	6000.00	1000.00	0.0	0.0	177.90	2410.00	183.50	626.44	183.56	302.15	0.0	0.0	2.84
	6000.00	1000.00	0.0	0.0	177.90	4600.00	186.86	1622.92	186.92	347.60	0.0	0.0	2.88
	6050.00	50.00	0.0	0.0	180.10	910.00	182.33	42.26	183.16	75.00	0.0	0.0	7.33
	6050.00	50.00	0.0	0.0	180.10	1810.00	183.29	89.16	184.61	75.00	0.0	0.0	9.23
	6050.00	50.00	0.0	0.0	180.10	2410.00	183.84	121.46	185.44	75.00	0.0	0.0	10.15
	6050.00	50.00	0.0	0.0	180.10	4600.00	185.54	241.90	188.01	75.00	0.0	0.0	12.61
	6059.00	9.00	186.30	184.10	180.10	910.00	182.74	60.58	183.27	75.00	0.0	0.0	5.88
	6059.00	9.00	186.30	184.10	180.10	1810.00	183.75	116.33	184.71	75.00	0.0	0.0	7.83
	6059.00	9.00	186.30	184.10	180.10	2410.00	185.69	253.85	186.33	75.00	0.0	0.0	6.41
	6059.00	9.00	186.30	184.10	180.10	4600.00	187.67	673.04	188.01	1000.00	0.0	0.0	5.69
	6105.00	46.00	0.0	0.0	182.10	910.00	184.10	64.31	184.29	228.36	0.0	0.0	5.05
	6105.00	46.00	0.0	0.0	182.10	1810.00	185.27	187.44	185.44	258.25	0.0	0.0	4.79
	6105.00	46.00	0.0	0.0	182.10	2410.00	186.52	383.75	186.64	287.90	0.0	0.0	3.93
	6105.00	46.00	0.0	0.0	182.10	4600.00	188.04	705.50	188.23	308.78	0.0	0.0	5.01

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
1100.00	1100.00	0.0	0.0	159.30	910.00	165.51 ¹⁰	129.17	165.67	157.06	0.0	0.0	4.58
1100.00	1100.00	0.0	0.0	159.30	1810.00	166.87 ⁵⁰	256.07	167.06	182.35	0.0	0.0	5.30
1100.00	1100.00	0.0	0.0	159.30	2410.00	167.58 ¹⁰⁰	340.93	167.80	195.62	0.0	0.0	5.66
1100.00	1100.00	0.0	0.0	159.30	4600.00	169.61 ⁵⁰⁰	653.55	169.90	233.32	0.0	0.0	6.58
3600.00	2500.00	0.0	0.0	169.90	910.00	173.50	195.50	173.53	302.56	0.0	0.0	2.24
3600.00	2500.00	0.0	0.0	169.90	1810.00	174.66	398.78	174.72	221.81	0.0	0.0	2.76
3600.00	2500.00	0.0	0.0	169.90	2410.00	175.30	536.13	175.37	331.23	0.0	0.0	3.02
3600.00	2500.00	0.0	0.0	169.90	4600.00	177.18	1042.26	177.28	347.25	0.0	0.0	3.73
4873.00	1273.00	0.0	0.0	170.70	910.00	178.01	104.40	178.30	210.96	0.0	0.0	5.17
4873.00	1273.00	0.0	0.0	170.70	1810.00	179.02	206.91	179.35	222.23	0.0	0.0	6.02
4873.00	1273.00	0.0	0.0	170.70	2410.00	179.57	277.72	179.92	228.33	0.0	0.0	6.40
4873.00	1273.00	0.0	0.0	170.70	4600.00	181.21	548.37	181.64	246.56	0.0	0.0	7.35
4923.00	50.00	0.0	0.0	170.70	910.00	178.25	118.02	178.67	31.03	0.0	0.0	5.25
4923.00	50.00	0.0	0.0	170.70	1810.00	178.84	136.61	180.22	31.64	0.0	0.0	9.42
4923.00	50.00	0.0	0.0	170.70	2410.00	178.73	133.12	181.26	31.53	0.0	0.0	12.78
4923.00	50.00	0.0	0.0	170.70	4600.00	181.55	233.45	185.70	34.41	0.0	0.0	16.36
4950.00	27.00	184.50	183.10	170.70	910.00	178.27	118.53	178.69	31.05	0.0	0.0	5.23
4950.00	27.00	184.50	183.10	170.70	1810.00	178.98	140.87	180.30	31.78	0.0	0.0	9.22
4950.00	27.00	184.50	183.10	170.70	2410.00	179.17	147.06	181.37	31.97	0.0	0.0	11.91
4950.00	27.00	184.50	183.10	170.70	4600.00	181.83	245.38	185.70	34.71	0.0	0.0	15.70
5000.00	50.00	0.0	0.0	170.50	910.00	178.68	169.81	178.91	146.14	0.0	0.0	4.15
5000.00	50.00	0.0	0.0	170.50	1810.00	180.45	347.81	180.68	222.17	0.0	0.0	4.74
5000.00	50.00	0.0	0.0	170.50	2410.00	181.64	532.90	181.82	263.49	0.0	0.0	4.51
5000.00	50.00	0.0	0.0	170.50	4600.00	186.10	1759.79	186.18	419.23	0.0	0.0	3.38
6000.00	1000.00	0.0	0.0	177.90	910.00	181.21	207.90	181.25	258.89	0.0	0.0	2.24
6000.00	1000.00	0.0	0.0	177.90	1810.00	182.69	452.69	182.74	292.19	0.0	0.0	2.65
6000.00	1000.00	0.0	0.0	177.90	2410.00	183.50	626.44	183.56	302.15	0.0	0.0	2.84
6000.00	1000.00	0.0	0.0	177.90	4600.00	186.86	1622.92	186.92	347.60	0.0	0.0	2.88
6050.00	50.00	0.0	0.0	180.10	910.00	182.33	42.26	183.16	75.00	0.0	0.0	7.33
6050.00	50.00	0.0	0.0	180.10	1810.00	183.29	89.16	184.61	75.00	0.0	0.0	9.23
6050.00	50.00	0.0	0.0	180.10	2410.00	183.84	121.46	185.44	75.00	0.0	0.0	10.15
6050.00	50.00	0.0	0.0	180.10	4600.00	185.54	241.90	188.01	75.00	0.0	0.0	12.61
6059.00	9.00	186.30	184.10	180.10	910.00	182.74	60.58	183.27	75.00	0.0	0.0	5.88
6059.00	9.00	186.30	184.10	180.10	1810.00	183.75	116.33	184.71	75.00	0.0	0.0	7.83
6059.00	9.00	186.30	184.10	180.10	2410.00	185.69	253.85	186.33	75.00	0.0	0.0	6.41
6059.00	9.00	186.30	184.10	180.10	4600.00	187.67	673.04	188.01	1000.00	0.0	0.0	5.69
6105.00	46.00	0.0	0.0	182.10	910.00	184.10	64.31	184.29	228.36	0.0	0.0	5.05
6105.00	46.00	0.0	0.0	182.10	1810.00	185.27	187.44	185.44	258.25	0.0	0.0	4.79
6105.00	46.00	0.0	0.0	182.10	2410.00	186.52	383.75	186.64	287.90	0.0	0.0	3.93
6105.00	46.00	0.0	0.0	182.10	4600.00	188.04	705.50	188.23	308.78	0.0	0.0	5.01

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
8105.00	2000.00	0.0	0.0	183.60	910.00	188.90	314.46	188.92	415.29	0.0	0.0	1.71
8105.00	2000.00	0.0	0.0	183.60	1810.00	189.96	572.34	189.99	441.19	0.0	0.0	2.15
8105.00	2000.00	0.0	0.0	183.60	2410.00	190.45	716.15	190.49	450.32	0.0	0.0	2.42
8105.00	2000.00	0.0	0.0	183.60	4600.00	192.20	1346.55	192.26	483.01	0.0	0.0	2.91
12105.00	4000.00	0.0	0.0	206.10	910.00	210.64	50.54	210.98	314.71	0.0	0.0	7.63
12105.00	4000.00	0.0	0.0	206.10	1810.00	211.04	88.79	211.50	369.99	0.0	0.0	9.33
12105.00	4000.00	0.0	0.0	206.10	2410.00	211.24	112.75	211.78	372.80	0.0	0.0	10.15
12105.00	4000.00	0.0	0.0	206.10	4600.00	211.84	201.42	212.63	390.86	0.0	0.0	11.99
14105.00	2000.00	0.0	0.0	222.60	550.00	228.68	104.56	228.73	298.40	0.0	0.0	3.00
14105.00	2000.00	0.0	0.0	222.60	1180.00	229.60	225.37	229.66	445.99	0.0	0.0	3.41
14105.00	2000.00	0.0	0.0	222.60	1600.00	230.03	306.90	230.09	468.35	0.0	0.0	3.58
14105.00	2000.00	0.0	0.0	222.60	3100.00	231.19	597.76	231.27	528.23	0.0	0.0	4.04
18105.00	4000.00	0.0	0.0	261.50	150.00	264.50	6.74	265.30	15.32	0.0	0.0	7.21
18105.00	4000.00	0.0	0.0	261.50	380.00	266.00	24.06	266.78	50.35	0.0	0.0	7.77
18105.00	4000.00	0.0	0.0	261.50	520.00	266.50	35.59	267.24	77.16	0.0	0.0	7.97
18105.00	4000.00	0.0	0.0	261.50	1120.00	267.60	77.96	268.39	118.41	0.0	0.0	9.34
18155.00	50.00	0.0	0.0	264.00	150.00	267.59	5.49	269.02	5.60	0.0	0.0	9.58
18155.00	50.00	0.0	0.0	264.00	380.00	269.53	41.05	269.71	101.55	0.0	0.0	4.88
18155.00	50.00	0.0	0.0	264.00	520.00	269.51	40.31	269.85	100.92	0.0	0.0	6.78
18155.00	50.00	0.0	0.0	264.00	1120.00	270.04	61.13	270.76	116.50	0.0	0.0	10.33
18197.00	42.00	272.00	269.50	264.00	150.00	267.59	5.50	269.02	5.60	0.0	0.0	9.57
18197.00	42.00	272.00	269.50	264.00	380.00	272.67	269.43	272.68	253.31	0.0	0.0	1.04
18197.00	42.00	272.00	269.50	264.00	520.00	272.95	305.15	272.96	280.49	0.0	0.0	1.29
18197.00	42.00	272.00	269.50	264.00	1120.00	273.68	417.25	273.70	327.86	0.0	0.0	2.15
18247.00	50.00	0.0	0.0	263.70	150.00	269.16	285.90	269.16	255.57	0.0	0.0	0.0
18247.00	50.00	0.0	0.0	263.70	380.00	272.68	1048.95	272.68	403.35	0.0	0.0	0.0
18247.00	50.00	0.0	0.0	263.70	520.00	272.96	1135.83	272.96	413.98	0.0	0.0	0.0
18247.00	50.00	0.0	0.0	263.70	1120.00	273.71	1393.99	273.71	440.24	0.0	0.0	0.0

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1100.000	910.000	165.511	0.0	0.0	0.0	157.065	0.0	1100.000
1100.000	1810.000	166.869	1.359	0.0	0.0	182.350	-25.285	1100.000
1100.000	2410.000	167.582	0.713	0.0	0.0	195.622	-38.557	1100.000
1100.000	4600.000	169.608	2.026	0.0	0.0	233.324	-76.260	1100.000
3600.000	910.000	173.499	0.0	7.988	0.0	302.561	0.0	2500.000
3600.000	1810.000	174.664	1.165	7.794	0.0	321.807	-19.246	2500.000
3600.000	2410.000	175.303	0.639	7.720	0.0	331.225	-28.664	2500.000
3600.000	4600.000	177.179	1.876	7.570	0.0	347.253	-44.692	2500.000
4873.000	910.000	178.005	0.0	4.506	0.0	210.958	0.0	1273.000
4873.000	1810.000	179.019	1.014	4.356	0.0	222.232	-11.274	1273.000
4873.000	2410.000	179.569	0.549	4.266	0.0	228.335	-17.376	1273.000
4873.000	4600.000	181.210	1.641	4.031	0.0	246.556	-35.597	1273.000
4923.000	910.000	178.247	0.0	0.242	0.0	31.033	0.0	50.000
4923.000	1810.000	178.840	-0.592	-0.180	0.0	31.643	-0.610	50.000
4923.000	2410.000	178.728	-0.111	-0.841	0.0	31.531	-0.498	50.000
4923.000	4600.000	181.545	2.817	0.335	0.0	34.407	-3.375	50.000
4950.000	910.000	178.266	0.0	0.019	0.0	31.050	0.0	27.000

4950.000	1810.000	178.977	0.711	0.137	0.0	31.778	-0.728	27.000
4950.000	2410.000	179.166	0.189	0.138	0.0	31.972	-0.922	27.000
4950.000	4600.000	181.833	2.667	0.288	0.0	34.713	-3.663	27.000
5000.000	910.000	178.678	0.0	0.412	0.0	16.140	0.0	50.000
5000.000	1810.000	180.447	1.768	1.470	0.0	22.171	-76.031	50.000
5000.000	2410.000	181.638	1.191	2.471	0.0	263.493	-117.353	50.000
5000.000	4600.000	186.103	4.465	4.269	0.0	419.226	-273.086	50.000
6000.000	910.000	181.213	0.0	2.535	0.0	258.888	0.0	1000.000
6000.000	1810.000	182.691	1.477	2.244	0.0	292.189	-33.302	1000.000
6000.000	2410.000	183.503	0.812	1.865	0.0	302.146	-43.258	1000.000
6000.000	4600.000	186.862	3.359	0.759	0.0	347.598	-88.711	1000.000
6050.000	910.000	182.328	0.0	1.114	0.0	75.000	0.0	50.000
6050.000	1810.000	183.288	0.960	0.598	0.0	75.000	0.0	50.000
6050.000	2410.000	183.838	0.550	0.336	0.0	75.000	0.0	50.000
6050.000	4600.000	185.539	1.701	-1.322	0.0	75.000	0.0	50.000
6059.000	910.000	182.735	0.0	0.408	0.0	75.000	0.0	9.000
6059.000	1810.000	183.753	1.018	0.465	0.0	75.000	0.0	9.000
6059.000	2410.000	185.689	1.935	1.850	0.0	75.000	0.0	9.000
6059.000	4600.000	187.670	1.981	2.131	0.0	1000.000	-925.000	9.000
6105.000	910.000	184.103	0.0	1.368	0.0	228.357	0.0	46.000
6105.000	1810.000	185.267	1.164	1.514	0.0	258.248	-29.891	46.000
6105.000	2410.000	186.524	1.256	0.835	0.0	287.896	-59.539	46.000
6105.000	4600.000	188.036	1.512	0.366	0.0	308.776	-80.420	46.000
8105.000	910.000	188.903	0.0	4.800	0.0	415.293	0.0	2000.000
8105.000	1810.000	189.963	1.060	4.696	0.0	441.195	-25.902	2000.000
8105.000	2410.000	190.452	0.489	3.929	0.0	450.315	-35.022	2000.000
8105.000	4600.000	192.201	1.748	4.165	0.0	483.008	-67.714	2000.000
12105.000	910.000	210.639	0.0	21.736	0.0	314.712	0.0	4000.000
12105.000	1810.000	211.035	0.396	21.072	0.0	369.988	-55.276	4000.000
12105.000	2410.000	211.235	0.200	20.783	0.0	372.803	-58.091	4000.000
12105.000	4600.000	211.837	0.602	19.636	0.0	390.859	-76.147	4000.000
14105.000	550.000	228.676	0.0	18.037	0.0	298.400	0.0	2000.000
14105.000	1180.000	229.597	0.921	18.562	0.0	445.986	-147.586	2000.000
14105.000	1600.000	230.028	0.431	18.793	0.0	468.347	-169.947	2000.000
14105.000	3100.000	231.187	1.159	19.350	0.0	528.230	-229.830	2000.000
18105.000	150.000	264.498	0.0	35.822	0.0	15.320	0.0	4000.000
18105.000	380.000	265.995	1.497	36.399	0.0	50.349	-35.030	4000.000
18105.000	520.000	266.502	0.507	36.474	0.0	77.163	-61.844	4000.000
18105.000	1120.000	267.600	1.098	36.413	0.0	118.410	-103.090	4000.000
18155.000	150.000	267.592	0.0	3.094	0.0	5.600	0.0	50.000
18155.000	380.000	269.532	1.940	3.537	0.0	101.553	-95.953	50.000
18155.000	520.000	269.511	-0.021	3.009	0.0	100.915	-95.315	50.000
18155.000	1120.000	270.035	0.525	2.436	0.0	116.502	-110.902	50.000
18197.000	150.000	267.594	0.0	0.002	0.0	5.600	0.0	42.000
18197.000	380.000	272.672	5.078	3.140	0.0	253.309	-247.709	42.000
18197.000	520.000	272.949	0.278	3.439	0.0	280.490	-274.890	42.000
18197.000	1120.000	273.676	0.727	3.641	0.0	327.858	-322.259	42.000
18247.000	150.000	269.164	0.0	1.569	0.0	255.570	0.0	50.000
18247.000	380.000	272.680	3.516	0.008	0.0	403.347	-147.777	50.000
18247.000	520.000	272.962	0.282	0.012	0.0	413.981	-158.411	50.000
18247.000	1120.000	273.708	0.747	0.032	0.0	440.235	-184.665	50.000

DATA FOR LAST CROSS SECTION
PROFILE TYPE ENC TARGET TOP WIDTH TOP WIDTH

X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	184.500	184.500	0.0
BT	16.000	0.0	200.500	0.0	100.000	195.000	0.0	200.000	190.500	0.0
BT	300.000	187.100	0.0	400.000	184.500	0.0	411.000	184.500	183.100	447.000
BT	184.500	183.100	500.000	184.700	0.0	600.000	185.900	0.0	700.000	187.000
BT	0.0	733.000	187.400	0.0	800.000	189.000	0.0	900.000	192.000	0.0
BT	1000.000	195.000	0.0	1100.000	199.100	0.0	1134.000	200.500	0.0	0.0
X1	5000.000	19.000	359.000	388.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	198.000	0.0	192.800	100.000	188.600	200.000	179.000	293.000	179.000	300.000
GR	176.700	359.000	172.500	361.000	170.500	374.000	172.800	384.000	176.900	388.000
GR	176.700	400.000	178.400	447.000	180.400	500.000	184.400	600.000	186.700	650.000
GR	186.300	662.000	185.000	666.000	187.600	673.000	189.100	700.000	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-15.400	0.0	0.0	0.0	0.0
X1	6000.000	22.000	50.000	70.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	194.300	0.0	178.900	31.000	179.000	50.000	177.900	50.000	177.900	60.000
GR	178.600	70.000	178.600	70.000	178.600	100.000	178.600	200.000	178.700	248.000
GR	180.500	262.000	180.200	283.000	183.400	290.000	184.500	296.000	184.700	300.000
GR	184.500	303.000	183.600	311.000	181.800	315.000	182.100	337.000	187.500	366.000
GR	189.300	400.000	194.700	500.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	6050.000	15.000	1000.000	1075.000	50.000	50.000	50.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	184.100	183.800	0.0
GR	186.500	500.000	186.500	1000.000	181.300	1000.000	180.800	1008.000	180.200	1013.000
GR	180.100	1025.000	180.100	1026.000	180.400	1038.000	180.700	1039.000	180.900	1050.000
GR	180.600	1063.000	181.500	1069.000	181.600	1075.000	186.300	1075.000	186.300	1500.000
SB	0.900	1.500	2.500	0.0	75.000	5.000	232.000	0.0	0.0	0.0
X1	6059.000	0.0	0.0	0.0	9.000	9.000	9.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	184.100	186.300	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	186.400	186.400	0.0
BT	12.000	500.000	186.500	0.0	600.000	186.500	0.0	700.000	186.500	0.0
BT	800.000	186.500	0.0	900.000	186.500	0.0	1000.000	186.500	184.100	1075.000
BT	186.300	183.400	1100.000	186.300	0.0	1200.000	186.300	0.0	1300.000	186.300
BT	0.0	1400.000	186.300	0.0	1500.000	186.300	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	24.110	338.200	0.0	0.0
X1	6105.000	22.000	50.000	70.000	46.000	46.000	46.000	0.0	4.200	0.0
GR	194.300	0.0	178.900	31.000	179.000	50.000	177.900	50.000	177.900	60.000
GR	178.600	70.000	178.600	100.000	178.600	140.000	178.600	200.000	178.700	248.000
GR	180.500	262.000	180.200	233.000	183.400	290.000	184.500	296.000	184.700	300.000
GR	184.500	303.000	183.600	311.000	181.800	315.000	182.100	337.000	187.500	366.000
GR	189.300	400.000	194.700	500.000	0.0	0.0	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	6105.000	21.000	419.000	452.000	2000.000	2000.000	2000.000	0.0	0.0	0.0
GR	201.600	0.0	196.300	6.000	194.700	19.000	196.200	24.000	196.200	29.000
GR	196.200	32.000	194.900	36.000	193.000	53.000	186.500	71.000	186.700	100.000
GR	186.100	200.000	186.500	500.000	186.700	400.000	186.900	419.000	184.000	422.000
GR	183.600	428.000	184.100	431.000	186.800	432.000	189.800	500.000	196.100	600.000
GR	201.600	675.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	12105.000	24.000	537.000	548.000	4000.000	4000.000	4000.000	0.0	0.0	0.0
GR	235.900	0.0	225.700	100.000	214.300	186.000	212.900	200.000	211.400	235.000
GR	210.000	237.000	209.100	239.000	210.000	242.000	210.600	244.000	209.600	300.000
GR	209.700	400.000	209.900	500.000	210.600	537.000	206.500	540.000	206.100	543.000
GR	206.500	545.000	210.700	548.000	210.800	588.000	210.600	600.000	218.500	700.000
GR	220.800	800.000	221.000	876.000	222.000	900.000	225.500	959.000	0.0	0.0
QT	5.000	550.000	1186.000	1600.000	3100.000	1600.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-8.400	0.0	0.0	0.0	0.0
X1	14105.000	22.000	537.000	550.000	2000.000	2000.000	2000.000	0.0	0.0	0.0
GR	258.200	0.0	253.200	100.000	245.800	200.000	237.300	300.000	233.300	400.000
GR	231.300	428.000	227.700	490.000	227.700	500.000	227.700	537.000	223.400	542.000
GR	222.600	544.000	223.300	546.000	225.900	550.000	226.700	600.000	223.100	700.000
GR	228.900	800.000	229.500	900.000	232.400	1000.000	232.900	1100.000	232.100	1200.000

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX FL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
1100.00	1100.00	0.0	0.0	159.30	2410.00	167.58	340.93	167.80	195.62	0.0	0.0	5.66
3600.00	2500.00	0.0	0.0	169.90	2410.00	175.30	536.13	175.37	331.26	0.0	0.0	3.02
4873.00	1273.00	0.0	0.0	170.70	2410.00	179.57	277.72	179.92	228.33	0.0	0.0	6.40
4923.00	50.00	0.0	0.0	170.70	2410.00	178.73	133.12	181.26	31.53	0.0	0.0	12.78
4950.00	27.00	184.50	183.10	170.70	2410.00	179.17	147.06	181.37	31.97	0.0	0.0	11.91
5000.00	50.00	0.0	0.0	170.50	2410.00	181.64	532.90	181.82	263.49	0.0	0.0	4.51
6000.00	1000.00	0.0	0.0	177.90	2410.00	183.50	626.44	183.56	302.15	0.0	0.0	2.84
6050.00	50.00	0.0	0.0	180.10	2410.00	183.84	121.46	185.44	75.00	0.0	0.0	10.15
6059.00	9.00	186.30	184.10	180.10	2410.00	185.69	253.85	186.33	75.00	0.0	0.0	6.41
6105.00	46.00	0.0	0.0	182.10	2410.00	186.52	383.75	186.64	287.90	0.0	0.0	3.93
8105.00	2000.00	0.0	0.0	183.60	2410.00	190.45	716.15	190.49	450.32	0.0	0.0	2.42
12105.00	4000.00	0.0	0.0	206.10	2410.00	211.24	112.75	211.78	372.80	0.0	0.0	10.15
14105.00	2000.00	0.0	0.0	222.60	1600.00	230.03	306.90	230.09	468.35	0.0	0.0	3.58
18105.00	4000.00	0.0	0.0	261.50	520.00	266.50	35.50	267.24	77.16	0.0	0.0	7.97
18155.00	50.00	0.0	0.0	264.00	520.00	269.51	40.31	269.85	100.92	0.0	0.0	6.78
18197.00	42.00	272.00	269.50	264.00	520.00	272.95	305.15	272.96	280.49	0.0	0.0	1.29
18247.00	50.00	0.0	0.0	263.70	520.00	272.96	1180.76	272.96	413.96	0.0	0.0	0.43

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1100.000	2410.000	167.582	0.0	0.0	0.0	195.622	0.0	1100.000
3600.000	2410.000	175.303	0.0	7.720	0.0	331.225	0.0	2500.000
4873.000	2410.000	179.569	0.0	4.266	0.0	228.335	0.0	1273.000
4923.000	2410.000	178.728	0.0	-0.841	0.0	31.531	0.0	50.000
4950.000	2410.000	179.166	0.0	0.438	0.0	31.972	0.0	27.000
5000.000	2410.000	181.638	0.0	2.471	0.0	263.493	0.0	50.000
6000.000	2410.000	183.503	0.0	1.865	0.0	302.146	0.0	1000.000
6050.000	2410.000	183.838	0.0	0.336	0.0	75.000	0.0	50.000
6059.000	2410.000	185.689	0.0	1.850	0.0	75.000	0.0	9.000

6105.000	2410.000	186.524	0.0	0.035	0.0	287.896	0.0	46.000
8105.000	2410.000	190.452	0.0	3.929	0.0	450.315	0.0	2000.000
12105.000	2410.000	211.235	0.0	20.783	0.0	372.803	0.0	4000.000
14105.000	1600.000	230.028	0.0	18.793	0.0	468.347	0.0	2000.000
18105.000	520.000	266.502	0.0	36.474	0.0	77.163	0.0	4000.000
18155.000	520.000	269.511	0.0	3.009	0.0	100.915	0.0	50.000
18137.000	520.000	272.949	0.0	3.439	0.0	280.490	0.0	42.000
13247.000	520.000	272.961	0.0	0.012	0.0	413.963	0.0	50.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	150.330	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 TRIB 11 BASIN 15
 T2 FLOODPLAIN STUDY AT WAKE COUNTY M-G JOB NO.6855
 T3 100 YEAR FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	0.	0.	0.	0.0	0.0	0.0	0.	168.580	0.0
J2	NPROF	IPLT	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
 2800 NAT Q1= 340.93 WSEL= 167.58 ENC Q1= 340.93 WSEL= 168.58 RATIO= 0.0
 NAT Q1= 482. RATIOS LOR,CH,ROB= 0.7513 0.1888 0.0599 WSEL= 168.58

3265 DIVIDED FLOW

SDCNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	ALOB	ACH	AROB	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

3470 ENCKROACHMENT STATIONS= 198.2 335.2 TYPE= 4 TARGET= 0.292
 1100.00 9.28 168.58 0.0 167.58 168.88 0.30 0.0 0.0 162.60
 2410. 1609. 634. 167. 425. 105. 71. 0. 0. 162.30
 0.0 3.78 6.05 2.35 0.085 0.060 0.085 0.0 159.30 198.21
 0.004857 1100. 1100. 1100. 0 0 1 0.0 114.23 335.19

2800 NAT Q1= 536.13 WSEL= 175.30 ENC Q1= 536.13 WSEL= 176.30 RATIO= 0.0
 NAT Q1= 738. RATIOS LOR,CH,ROB= 0.4591 0.1029 0.4381 WSEL= 176.30

3470 ENCKROACHMENT STATIONS= 96.3 289.0 TYPE= 4 TARGET= 0.320
 3600.00 6.38 176.28 0.0 175.30 176.38 0.10 7.48 0.02 171.00
 2410. 1041. 364. 1005. 459. 105. 422. 46. 9. 171.10
 0.28 2.27 3.45 2.38 0.085 0.060 0.085 0.060 169.90 96.33
 0.002025 2500. 2500. 2500. 4 0 1 0.0 192.71 289.04

2800 NAT Q1= 277.72 WSEL= 179.57 ENC Q1= 277.72 WSEL= 180.57 RATIO= 0.0
 NAT Q1= 432. RATIOS LOR,CH,ROB= 0.4142 0.3759 0.2099 WSEL= 180.57

3470 ENCKROACHMENT STATIONS= 312.1 414.2 TYPE= 4 TARGET= 0.358
 4873.00 9.80 180.50 0.0 179.57 181.07 0.57 4.55 0.14 176.90
 2410. 655. 1423. 332. 176. 195. 89. 67. 13. 176.90
 0.34 3.71 7.29 3.72 0.085 0.060 0.085 0.060 170.70 312.08
 0.007931 1273. 1273. 1273. 3 0 1 0.0 102.11 414.19

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

100 YEAR FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TG	EG	TOPWID	STENCL	STENCR	VCH
1100.00	1100.00	0.0	0.0	159.30	2410.00	167.58	340.93	167.80	195.62	0.0	0.0	5.66
1100.00	1100.00	0.0	0.0	159.30	2410.00	168.58	345.82	168.88	114.23	198.21	335.19	6.05
3600.00	2500.00	0.0	0.0	169.90	2410.00	175.30	536.13	175.37	331.23	100.0	0.0	3.02
3600.00	2500.00	0.0	0.0	169.90	2410.00	176.28	535.53	176.38	192.71	96.33	289.05	3.45
4873.00	1273.00	0.0	0.0	170.70	2410.00	179.57	277.72	179.92	228.33	0.0	0.0	6.40
4873.00	1273.00	0.0	0.0	170.70	2410.00	180.50	270.62	181.07	102.11	312.08	414.19	7.29
4923.00	50.00	0.0	0.0	170.70	2410.00	178.73	133.12	181.26	31.53	0.0	0.0	12.78
4923.00	50.00	0.0	0.0	170.70	2410.00	180.37	188.84	181.92	33.21	411.00	447.00	9.98
4950.00	27.00	184.50	183.10	170.70	2410.00	179.17	147.06	181.37	31.97	0.0	0.0	11.91
4950.00	27.00	184.50	183.10	170.70	2410.00	180.17	181.46	181.92	33.00	0.0	0.0	10.26
5000.00	50.00	0.0	0.0	170.50	2410.00	181.64	532.90	181.82	263.49	0.0	0.0	4.51
5000.00	50.00	0.0	0.0	170.50	2410.00	182.03	481.92	182.32	109.63	322.59	432.22	5.12
6000.00	1000.00	0.0	0.0	177.90	2410.00	183.50	626.44	183.56	302.15	0.0	0.0	2.84
6000.00	1000.00	0.0	0.0	177.90	2410.00	184.44	538.80	184.56	152.29	37.20	189.49	3.67
6050.00	50.00	0.0	0.0	180.10	2410.00	183.84	121.46	185.44	75.00	0.0	0.0	10.15
6050.00	50.00	0.0	0.0	180.10	2410.00	183.85	121.98	185.44	75.00	1000.00	1075.00	10.13
6059.00	9.00	0.0	0.0	180.10	2410.00	185.69	253.85	186.33	75.00	0.0	0.0	6.41
6059.00	9.00	0.0	0.0	180.10	2410.00	185.70	254.49	186.33	75.00	1000.00	1075.00	6.40
6105.00	46.00	0.0	0.0	182.10	2410.00	186.52	383.75	186.64	287.90	0.0	0.0	3.93
6105.00	46.00	0.0	0.0	182.10	2410.00	186.53	384.73	186.65	287.92	24.11	338.20	3.93
8105.00	2000.00	0.0	0.0	183.60	2410.00	190.45	716.15	190.49	450.32	0.0	0.0	2.42
8105.00	2000.00	0.0	0.0	183.60	2410.00	191.04	637.29	191.10	290.89	187.53	478.42	2.89
12105.00	4000.00	0.0	0.0	206.10	2410.00	211.24	112.75	211.78	372.80	0.0	0.0	10.15
12105.00	4000.00	0.0	0.0	206.10	2410.00	212.32	118.25	213.28	142.32	426.41	568.74	11.49
14105.00	2000.00	0.0	0.0	222.60	1600.00	230.03	306.90	230.09	468.35	0.0	0.0	3.58
14105.00	2000.00	0.0	0.0	222.60	1600.00	230.78	310.25	230.88	168.23	500.96	669.19	3.86
18105.00	4000.00	0.0	0.0	261.50	520.00	266.50	35.50	267.24	77.16	0.0	0.0	7.97
18105.00	4000.00	0.0	0.0	261.50	520.00	266.39	32.20	267.29	50.00	1146.00	1196.00	8.60
18155.00	50.00	0.0	0.0	264.00	520.00	269.51	40.31	269.85	100.92	0.0	0.0	6.78
18155.00	50.00	0.0	0.0	264.00	520.00	269.92	23.86	271.77	12.65	1466.18	1478.83	12.10
18197.00	42.00	0.0	0.0	264.00	520.00	272.95	305.15	272.96	280.49	0.0	0.0	1.29
18197.00	42.00	0.0	0.0	264.00	520.00	273.36	207.79	273.39	61.45	1447.04	1508.49	1.96
18247.00	50.00	0.0	0.0	263.70	520.00	272.96	1180.76	272.96	413.96	0.0	0.0	0.43
18247.00	50.00	0.0	0.0	263.70	520.00	273.40	860.90	273.40	172.28	134.13	332.67	0.59

315

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
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A	1100.000	2410.000	167.582	0.0	0.0	0.0	195.622	0.0	1100.000
	1100.000	2410.000	168.580	0.997	0.0	0.0	114.232	81.390	1100.000
B	3600.000	2410.000	175.303	0.0	7.720	0.0	331.225	0.0	2500.000
	3600.000	2410.000	176.282	0.979	7.702	0.0	192.714	138.511	2500.000
C	4873.000	2410.000	179.569	0.0	4.266	0.0	228.335	0.0	1273.000
	4873.000	2410.000	180.500	0.932	4.218	0.0	102.105	126.229	1273.000
	4923.000	2410.000	178.728	0.0	-0.841	0.0	31.531	0.0	50.000
	4923.000	2410.000	180.371	1.642	-0.130	0.0	33.205	-1.674	50.000
	4950.000	2410.000	179.166	0.0	0.438	0.0	31.972	0.0	27.000
	4950.000	2410.000	180.166	1.000	-0.204	0.0	32.996	-1.024	27.000
D	5000.000	2410.000	181.638	0.0	2.471	0.0	263.493	0.0	50.000
	5000.000	2410.000	182.031	0.393	1.865	0.0	109.628	153.865	50.000
E	6000.000	2410.000	183.503	0.0	1.865	0.0	302.146	0.0	1000.000
	6000.000	2410.000	184.441	0.938	2.410	0.0	152.287	149.859	1000.000
	6050.000	2410.000	183.838	0.0	0.336	0.0	75.000	0.0	50.000
	6050.000	2410.000	183.847	0.008	-0.594	0.0	75.000	0.0	50.000
	6059.000	2410.000	185.689	0.0	1.850	0.0	75.000	0.0	9.000
	6059.000	2410.000	185.697	0.008	1.850	0.0	75.000	0.0	9.000
F	6105.000	2410.000	186.524	0.0	0.835	0.0	287.896	0.0	46.000
	6105.000	2410.000	186.529	0.005	0.832	0.0	287.919	-0.023	46.000
G	8105.000	2410.000	190.452	0.0	3.929	0.0	450.315	0.0	2000.000
	8105.000	2410.000	191.042	0.589	4.513	0.0	290.890	159.425	2000.000
	12105.000	2410.000	211.235	0.0	20.783	0.0	372.803	0.0	4000.000
	12105.000	2410.000	212.320	1.085	21.278	0.0	142.323	330.480	4000.000
	14105.000	1600.000	230.028	0.0	18.793	0.0	468.347	0.0	2000.000
	14105.000	1600.000	230.776	0.749	18.457	0.0	168.226	300.121	2000.000
	18105.000	520.000	266.502	0.0	36.474	0.0	77.163	0.0	4000.000
	18105.000	520.000	266.386	-0.116	35.610	0.0	49.999	27.164	4000.000
	18155.000	520.000	269.511	0.0	3.009	0.0	100.915	0.0	50.000
	18155.000	520.000	269.920	0.409	3.534	0.0	12.651	88.264	50.000
	18197.000	520.000	272.949	0.0	3.439	0.0	280.490	0.0	42.000
	18197.000	520.000	273.359	0.409	3.438	0.0	61.451	219.038	42.000
	18247.000	520.000	272.961	0.0	0.012	0.0	413.963	0.0	50.000
	18247.000	520.000	273.398	0.436	0.039	0.0	172.282	241.681	50.000

USE "0" ENC; ENC GIVE
MINUS EL. DIFF OR 60 FT
WIDTH GIVES HIGH EL. AT
G.

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRLS	TOP WIDTH AREA-DIFF
1	0.0	0.0	130.330	0.0
2	// 4.000	0.399	67.173	-63.157