Floodway

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HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1 GASTONIA NORTH CAROLINA
T2 FLOOD INSURANCE STUDY
T3 TRIBUTARY L-8,100 YEAR Q CATOF

J1	ICHECK	INQ	NINV	IOUT	SPRT	METRIC	MVING	Q	WSEL	FQ
	-0	4.	-0	-0	-0	-0	-0	-0	477.600	-0

J2	NPROF	IPLOT	PRFVS	XSECV	XSFCH	EN	ALLOC	IPR	CHNTM	TTRACE
	1.000	-0	-0	-0	-0	-0	-0	-0	-0	-0

J3	1.000	30.000	3.000	4.000	27.000	28.000	26.000	-0	-0	-0
NC	.080	.040	.080	.100	.300	-0	-0	-0	-0	-0
QT	5.000	690.000	1220.000	1020.000	1020.000	1950.000	-0	-0	-0	-0
ET	-0	-0	-0	-0	10.000	-0	-0	-0	-0	-0
X1	7.000	11.000	90.000	112.000	-0	-0	-0	-0	-0	-0
GR	694.300	0	683.000	50.000	680.300	60.000	678.100	90.000	671.800	92.000
GR	671.500	100.000	672.400	106.000	679.200	112.000	678.700	150.000	681.100	200.500
GR	698.700	250.000	-0	-0	-0	-0	-0	-0	-0	-0
X1	9.500	0	-0	-0	250.000	250.000	250.000	-0	3.500	-0
X1	11.500	0	-0	-0	200.000	200.000	200.000	-0	2.800	-0
X1	14.000	11.000	80.000	122.000	250.000	250.000	250.000	-0	-0	-0
GR	697.600	0	688.900	30.000	687.200	50.000	687.500	80.000	681.900	90.000
GR	681.400	100.000	681.300	110.000	687.400	122.000	689.200	140.000	692.100	150.000
GR	701.200	200.000	-0	-0	-0	-0	-0	-0	-0	-0
X1	21.000	14.000	300.000	365.000	700.000	700.000	700.000	-0	-0	-0
GR	699.200	0	696.100	50.000	693.100	100.000	690.400	150.000	689.200	200.000
GR	688.700	250.000	689.600	300.000	691.200	340.000	684.700	343.000	684.600	350.000
GR	684.800	355.000	690.900	365.000	696.300	800.000	709.000	450.000	-0	-0
X1	30.000	12.000	138.000	165.000	900.000	900.000	900.000	-0	-0	-0
GR	712.300	0	696.700	35.000	695.700	50.000	694.600	100.000	695.800	138.000
GR	691.000	144.000	690.200	150.000	690.100	155.000	698.300	165.000	708.100	200.000
GR	708.800	225.000	715.800	250.000	-0	-0	-0	-0	-0	-0
X1	30.800	0	-0	-0	80.000	80.000	80.000	-0	1.200	-0
X3	10.000	-0	-0	-0	-0	-0	-0	706.400	706.400	-0
NC	.035	.035	.035	.300	.500	-0	-0	-0	-0	-0
X1	31.000	12.000	144.000	154.000	20.000	20.000	20.000	-0	-0	-0
BT	12.000	0	709.900	0	50.000	708.800	0	100.000	708.400	0
BT	140.000	706.500	0	144.000	708.500	706.400	146.000	708.500	706.400	150.000
BT	708.600	706.500	155.000	708.700	706.500	154.000	708.700	706.500	158.000	708.700
BT	-0	200.000	710.200	0	250.000	713.300	0	-0	-0	-0
GR	709.900	0	708.800	50.000	708.400	100.000	708.500	140.000	706.400	144.000
GR	691.700	146.000	691.400	150.000	691.800	155.000	706.500	156.000	708.700	158.000
GR	710.200	200.000	713.300	250.000	-0	-0	-0	-0	-0	-0

X1	31,200	0	-0	-0	20,000	20,000	20,000	-0	-0	-0
X2	-0	-0	-0	-0	-0	-0	1,000	-0	-0	-0
NC	.080	.080	.080	.100	.300	-0	-0	-0	-0	-0
X1	31,400	12,000	138,000	165,000	20,000	20,000	20,000	-0	1,200	-0
X3	10,000	-0	-0	-0	-0	-0	-0	708,500	708,500	-0
GR	712,300	0	696,700	35,000	695,700	50,000	694,600	100,000	695,800	138,000
GR	691,000	144,000	690,200	150,000	690,100	155,000	698,300	165,000	708,100	200,000
GR	708,800	225,000	715,800	250,000	-0	-0	-0	-0	-0	-0
X1	32,000	0	-0	-0	60,000	60,000	60,000	-0	1,200	-0
X1	35,700	14,000	200,000	233,000	370,000	370,000	370,000	-0	-0	-0
GR	713,500	0	702,000	25,000	700,200	50,000	699,000	100,000	698,600	150,000
GR	700,000	200,000	699,800	213,000	693,200	215,000	692,900	225,000	693,100	230,000
GR	699,100	233,000	700,200	250,000	703,200	285,000	711,400	300,000	-0	-0
X1	36,900	0	-0	-0	120,000	120,000	120,000	-0	1,100	-0
X3	10,000	-0	-0	-0	-0	-0	-0	701,000	701,000	-0
SB	1,250	1,500	2,500	0	25,200	1,200	168,000	0	-0	694,000
X1	39,900	12,000	190,000	210,000	300,000	300,000	300,000	-0	-0	-0
X2	-0	-0	1,000	-0	-0	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	710,000	710,000	-0
GR	711,100	0	706,500	50,000	702,400	100,000	701,200	150,000	701,700	190,000
GR	695,400	196,000	690,500	200,000	690,700	205,000	700,800	210,000	707,300	250,000
GR	709,600	300,000	712,200	350,000	-0	-0	-0	-0	-0	-0
X1	41,500	0	-0	-0	160,000	160,000	160,000	-0	-0	-0
BT	5,000	610,000	1100,000	1300,000	1300,000	1660,000	-0	-0	-0	-0
X1	49,000	10,000	50,000	60,000	750,000	750,000	750,000	-0	-0	-0
GR	711,700	0	705,900	15,000	706,000	40,000	699,100	50,000	697,800	55,000
GR	698,500	60,000	704,200	68,000	704,000	100,000	707,100	150,000	710,600	200,000
X1	49,800	0	-0	-0	80,000	80,000	80,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	712,500	712,500	-0
NC	.015	.015	.015	.300	.500	-0	-0	-0	-0	-0
X1	50,000	11,000	94,600	105,400	20,000	20,000	20,000	-0	-0	-0
BT	9,000	0	712,500	0	94,600	712,500	703,100	94,000	712,500	706,400
BT	98,000	712,500	707,700	100,000	712,500	708,100	102,000	712,500	707,700	104,000
BT	712,500	706,400	105,400	712,500	703,100	250,000	712,500	0	-0	-0
GR	712,500	0	712,500	94,600	703,100	94,600	699,400	94,000	698,000	33,000
GR	697,700	100,000	698,000	102,000	699,400	104,000	703,100	105,400	712,500	105,400
GR	712,500	250,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	50,700	0	-0	-0	70,000	70,000	70,000	-0	.700	-0
X2	-0	-0	-0	-0	-0	-0	1,000	-0	-0	-0
NC	.080	.080	.080	.100	.300	-0	-0	-0	-0	-0
X1	50,900	9,000	92,000	110,000	20,000	20,000	20,000	-0	-1,400	-0
GR	711,400	0	710,300	50,000	708,000	92,000	701,800	94,000	699,800	100,000
GR	700,300	106,000	707,000	110,000	705,500	150,000	713,900	170,000	-0	-0
X1	52,000	0	-0	-0	110,000	110,000	110,000	-0	1,400	-0
X1	53,500	-0	-0	-0	150,000	150,000	150,000	-0	1,000	-0
X3	10,000	-0	-0	-0	-0	-0	-0	712,500	712,500	-0
NC	.035	.035	.035	.300	.500	-0	-0	-0	-0	-0
X1	53,800	13,000	98,000	124,000	30,000	30,000	30,000	-0	-0	-0
BT	7,000	0	715,300	0	50,000	712,700	0	74,000	711,800	0
BT	98,000	710,800	706,800	124,000	710,200	706,800	150,000	710,300	0	200,000
BT	711,000	0	-0	-0	-0	-0	-0	-0	-0	-0

GR	715,300	0	712,700	50,000	711,800	74,000	710,000	98,000	702,700	100,000
GR	700,800	101,000	701,000	113,000	701,000	117,000	703,600	118,000	704,100	123,000
GR	709,700	124,000	710,300	150,000	711,000	200,000	-0	-0	-0	-0
X1	54,200	0	-0	-0	40,000	40,000	40,000	-0	-0	-0
X2	-0	-0	-0	-0	-0	-0	1,000	-0	-0	-0
NC	.080	.080	.080	.100	.300	-0	-0	-0	-0	-0
X1	54,400	12,000	90,000	135,000	20,000	20,000	20,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	710,200	710,200	-0
GR	708,800	0	708,500	50,000	706,900	90,000	701,600	95,000	700,900	100,000
GR	701,900	105,000	709,000	110,000	708,500	120,000	702,000	125,000	706,300	135,000
GR	708,700	150,000	712,400	200,000	-0	-0	-0	-0	-0	-0
X1	55,000	0	-0	-0	60,000	60,000	60,000	-0	-0	-0
BT	5,000	350,000	615,000	720,000	720,000	960,000	-0	-0	-0	-0
X1	64,000	10,000	145,000	160,000	900,000	900,000	900,000	-0	-0	-0
GR	721,300	0	720,500	50,000	720,500	100,000	713,900	145,000	710,700	146,000
GR	710,300	150,000	711,200	155,000	713,600	160,000	716,700	200,000	723,300	250,000
X1	70,500	10,000	50,000	75,000	650,000	650,000	650,000	-0	-0	-0
GR	727,300	0	727,000	30,000	721,300	50,000	715,800	62,000	715,700	66,000
GR	715,700	70,000	720,100	75,000	720,500	100,000	722,400	150,000	729,000	200,000
X1	71,800	0	-0	-0	130,000	130,000	130,000	-0	.400	-0
X3	10,000	-0	-0	-0	-0	-0	-0	721,400	721,400	-0
SB	0	1,500	2,500	200,000	8,000	0	48,000	0	714,400	715,400
X1	73,200	9,000	45,000	55,000	140,000	140,000	140,000	-0	-1,500	-0
X2	-0	-0	1,000	721,400	725,000	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	725,900	725,900	-0
GR	732,600	0	729,800	22,000	721,300	40,000	718,000	45,000	717,900	50,000
GR	718,100	55,000	720,300	60,000	726,000	75,000	725,900	100,000	-0	-0
X1	74,000	0	-0	-0	80,000	90,000	80,000	-0	1,500	-0
X1	76,000	9,000	65,000	110,000	200,000	200,000	200,000	-0	-0	-0
GR	731,800	0	727,500	50,000	720,100	45,000	719,100	95,000	719,000	100,000
GR	718,900	105,000	722,700	110,000	727,000	130,000	727,000	150,000	-0	-0
X1	77,500	0	-0	-0	150,000	150,000	150,000	-0	1,800	-0
X3	10,000	-0	-0	-0	-0	-0	-0	727,400	727,400	-0
SB	0	1,500	2,500	0	15,000	0	100,000	0	0	0
X1	78,200	15,000	87,000	102,000	70,000	70,000	70,000	-0	-0	-0
X2	-0	-0	1,000	-0	-0	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	729,500	729,500	-0
BT	7,000	0	735,400	0	50,000	731,500	0	87,000	729,800	727,500
BT	102,000	729,500	727,500	112,000	729,300	0	150,000	729,700	0	175,000
BT	730,400	0	-0	-0	-0	-0	-0	-0	-0	-0
GR	735,400	0	731,500	50,000	729,800	87,000	727,500	87,000	729,700	88,000
GR	722,400	92,000	721,000	95,000	720,700	98,000	721,100	100,000	727,600	101,000
GR	727,600	102,000	729,500	102,000	729,300	112,000	729,700	150,000	730,400	175,000
X1	79,000	7,000	35,000	50,000	80,000	80,000	80,000	-0	-0	-0
GR	730,700	0	726,700	35,000	721,900	45,000	721,300	50,000	721,300	55,000
GR	733,200	80,000	733,400	100,000	-0	-0	-0	-0	-0	-0
X1	80,000	0	-0	-0	100,000	100,000	100,000	-0	1,100	-0
X3	10,000	-0	-0	-0	-0	-0	-0	728,400	728,400	-0
SB	0	1,500	2,500	0	8,000	0	48,000	-0	-0	-0
X1	81,000	9,000	146,000	154,000	100,000	100,000	100,000	-0	-0	-0
X2	-0	-0	1,000	-0	-0	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	735,500	735,500	-0

BT	7,000	0	742,000	0	50,000	737,000	0	100,000	735,600	0
BT	146,000	735,500	728,400	154,000	735,500	728,400	200,000	736,600	0	250,000
BT	739,500	0	-0	-0	-0	-0	-0	-0	-0	-0
GR	742,000	0	737,000	50,000	735,600	100,000	735,500	146,000	723,700	146,000
GR	723,700	154,000	735,500	154,000	736,600	200,000	739,500	250,000	-0	-0
X1	81,500	7,000	40,000	57,000	50,000	50,000	50,000	-0	-0	-0
GR	730,800	0	727,700	40,000	724,100	43,000	723,900	50,000	724,300	55,000
GR	727,700	57,000	731,200	100,000	-0	-0	-0	-0	-0	-0
X1	88,000	10,000	92,000	108,000	650,000	650,000	650,000	-0	-0	-0
GR	740,700	0	739,800	40,000	735,200	50,000	732,800	58,000	732,100	92,000
GR	729,300	95,000	728,900	100,000	729,500	105,000	731,600	108,000	738,000	150,000
EJ	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0

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HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      GASTONIA NORTH CAROLINA
T2      FLOOD INSURANCE STUDY
T3      TRIB L-8        FLOODWAY

J1  ICHECK    INQ     NINV    IDIR    STRT    METRIC  HVINS   O       WSEL    FQ

      -0      5.      -0      -0      -0      -0      -0      -0    678.640   -0

J2  NPROF     IPLOT   PRFVS   XSECV   XSECH   FN      ALLDC   IBW     CHNIM   ITRACE

    15.000    -0      -0      -0      -0      -0      -0      -0      -0      -0
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB L-8 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWTD	STENCL	STENCR	VCH
7.00	-0	0	0	671.50	1020.00	678.05	49.27	680.73	20.98	0	0	13.13
7.00	-0	0	0	671.50	1020.00	678.64	57.23	680.79	21.51	90.00	112.00	11.77
9.50	250.00	0	0	675.00	1020.00	684.77	173.00	685.05	148.11	0	0	5.03
9.50	250.00	0	0	675.00	1020.00	685.40	145.92	685.85	57.35	90.00	141.36	5.78
11.50	200.00	0	0	677.80	1020.00	686.52	107.10	687.28	120.73	0	0	7.41
11.50	200.00	0	0	677.80	1020.00	687.63	103.19	688.60	22.00	90.00	112.00	7.91
14.00	250.00	0	0	681.30	1020.00	689.34	185.52	689.63	112.00	0	0	4.62
14.00	250.00	0	0	681.30	1020.00	690.51	202.40	690.83	42.00	80.00	122.00	4.55
21.00	700.00	0	0	684.60	1020.00	692.25	274.67	692.32	257.84	0	0	2.73
21.00	700.00	0	0	684.60	1020.00	693.25	272.47	693.35	130.79	234.21	365.00	2.91
30.00	900.00	0	0	690.10	1020.00	697.00	105.95	697.45	129.09	0	0	6.44
30.00	900.00	0	0	690.10	1020.00	697.98	102.33	698.70	53.10	111.51	165.00	7.31
30.80	80.00	0	0	691.30	1020.00	698.27	59.37	700.27	25.50	0	0	11.36
30.80	80.00	0	0	691.30	1020.00	699.52	81.19	700.78	27.00	138.00	165.00	9.00
31.00	20.00	708.40	706.50	691.40	1020.00	700.43	82.25	704.53	10.78	0	0	16.25
31.00	20.00	708.40	706.50	691.40	1020.00	700.43	82.25	704.53	10.78	144.00	156.00	16.25
31.20	20.00	708.40	706.50	691.40	1020.00	703.27	120.41	705.49	11.35	0	0	11.98
31.20	20.00	708.40	706.50	691.40	1020.00	703.27	120.59	705.49	11.36	144.00	156.00	11.98
31.40	20.00	0	0	691.30	1020.00	705.49	242.54	705.80	27.00	0	0	4.45
31.40	20.00	0	0	691.30	1020.00	705.50	236.32	705.80	27.00	138.00	165.00	4.45
32.00	60.00	0	0	692.50	1020.00	705.84	908.87	705.87	163.50	0	0	1.29
32.00	60.00	0	0	692.50	1020.00	705.85	743.04	705.88	109.43	55.57	165.00	1.43
35.70	370.00	0	0	692.90	1020.00	705.93	1102.67	705.94	273.53	0	0	.94
35.70	370.00	0	0	692.90	1020.00	705.98	906.30	705.99	182.08	59.84	241.92	1.10
36.90	120.00	0	0	694.00	1020.00	705.95	822.20	705.97	260.23	0	0	1.16
36.90	120.00	0	0	694.00	1020.00	706.01	659.46	706.04	168.90	65.98	234.88	1.45
39.90	300.00	0	0	694.50	1020.00	705.95	119.14	706.86	20.00	0	0	7.63
39.90	300.00	0	0	694.50	1020.00	706.95	138.46	707.60	20.00	0	0	6.89
41.50	160.00	0	0	694.50	1020.00	707.19	550.79	707.23	204.88	0	0	1.95
41.50	160.00	0	0	694.50	1020.00	708.02	504.12	708.07	105.56	104.44	210.00	1.90
49.00	750.00	0	0	697.80	1300.00	707.98	252.75	708.12	152.97	0	0	4.28
49.00	750.00	0	0	697.80	1300.00	708.87	264.06	709.04	60.11	46.17	115.28	4.31
49.80	80.00	0	0	697.80	1300.00	706.33	85.80	710.40	10.00	0	0	16.18
49.80	80.00	0	0	697.80	1300.00	707.24	47.75	710.52	10.00	50.00	60.00	14.53
50.00	20.00	712.50	708.10	697.70	1300.00	706.48	147.69	711.11	10.80	0	0	17.28
50.00	20.00	712.50	708.10	697.70	1300.00	707.11	155.48	711.31	10.80	94.60	105.40	16.45

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CASEL	TQ	EG	TOPWTD	STENCL	STENCR	VCH
50.70	70.00	712.50	708.80	698.40	1300.00	707.18	147.69	711.81	10.80	0	0	17.28
50.70	70.00	712.50	708.80	698.40	1300.00	707.51	151.82	711.91	10.80	94.60	105.40	16.83
50.90	20.00	0	0	698.40	1300.00	712.26	550.32	712.30	169.42	0	0	1.77
50.90	20.00	0	0	698.40	1300.00	712.32	447.72	712.38	95.95	49.60	145.65	2.19
52.00	110.00	0	0	699.80	1300.00	712.33	375.25	712.39	165.26	0	0	2.40
52.00	110.00	0	0	699.80	1300.00	712.42	305.58	712.53	80.57	62.77	143.34	2.97
53.50	150.00	0	0	700.80	1300.00	712.20	102.95	713.08	18.00	0	0	7.56
53.50	150.00	0	0	700.80	1300.00	712.51	107.65	713.30	18.00	92.00	110.00	7.32
53.80	30.00	710.20	706.80	700.80	1300.00	713.29	362.79	713.41	161.33	0	0	2.59
53.80	30.00	710.20	706.80	700.80	1300.00	713.43	272.52	713.66	72.54	98.00	170.55	3.40
54.20	40.00	710.20	706.80	700.80	1300.00	713.34	373.34	713.46	162.43	0	0	2.53
54.20	40.00	710.20	706.80	700.80	1300.00	713.53	290.42	713.75	73.83	97.37	171.20	3.31
54.40	20.00	0	0	700.90	1300.00	713.46	631.25	713.48	200.00	0	0	1.40
54.40	20.00	0	0	700.90	1300.00	713.75	545.53	713.78	120.02	29.04	149.06	1.66
55.00	60.00	0	0	700.90	1300.00	713.48	635.79	713.51	200.00	0	0	1.40
55.00	60.00	0	0	700.90	1300.00	713.78	550.49	713.82	120.30	28.92	149.22	1.65
64.00	900.00	0	0	710.30	720.00	715.60	34.90	716.60	53.22	0	0	8.98
64.00	900.00	0	0	710.30	720.00	715.46	24.78	717.56	15.00	105.00	160.00	11.63
70.50	650.00	0	0	715.70	720.00	722.89	112.03	723.03	109.35	0	0	3.41
70.50	650.00	0	0	715.70	720.00	724.23	117.50	724.41	34.03	50.00	84.03	3.52
71.80	130.00	0	0	716.10	720.00	723.41	119.01	723.53	110.66	0	0	3.26
71.80	130.00	0	0	716.10	720.00	724.71	123.53	724.88	37.88	50.00	87.88	3.37
73.20	140.00	0	0	716.40	720.00	724.34	45.35	725.60	10.00	0	0	9.15
73.20	140.00	0	0	716.40	720.00	725.60	48.33	726.60	10.00	45.00	55.00	7.84
74.00	80.00	0	0	717.90	720.00	726.12	125.79	726.32	70.20	0	0	4.30
74.00	80.00	0	0	717.90	720.00	726.93	131.03	727.18	23.67	42.07	65.74	4.40
76.00	200.00	0	0	718.90	720.00	726.84	117.71	727.02	72.39	0	0	3.69
76.00	200.00	0	0	718.90	720.00	727.66	109.36	727.90	25.00	85.00	110.00	3.97
77.50	150.00	0	0	720.70	720.00	727.53	78.49	727.87	55.06	0	0	4.89
77.50	150.00	0	0	720.70	720.00	728.41	84.21	728.70	25.00	85.00	110.00	4.64
78.20	70.00	729.30	727.50	720.70	720.00	728.03	18.84	729.85	13.33	0	0	10.82
78.20	70.00	729.30	727.50	720.70	720.00	728.70	19.17	730.50	10.03	0	0	10.67
79.00	80.00	0	0	721.30	720.00	730.45	158.20	730.55	72.01	0	0	2.68
79.00	80.00	0	0	721.30	720.00	731.11	153.86	731.23	40.42	35.00	80.00	2.71
80.00	100.00	0	0	722.40	720.00	730.67	121.85	730.83	62.54	0	0	3.25
80.00	100.00	0	0	722.40	720.00	731.35	127.36	731.50	38.80	35.00	80.00	3.11

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TW	EG	TOPWID	STENCL	STENCR	VCR
81.00	100.00	0	0	723.70	720.00	734.66	33.35	735.71	8.00	0	0	8.21
81.00	100.00	0	0	723.70	720.00	735.34	35.78	736.27	9.00	106.00	150.00	7.73
81.50	50.00	0	0	723.90	720.00	735.83	489.80	735.85	100.00	0	0	1.20
81.50	50.00	0	0	723.90	720.00	736.37	490.83	736.39	78.04	11.28	89.29	1.28
88.00	650.00	0	0	728.90	720.00	736.11	142.53	736.21	80.41	0	0	3.01
88.00	650.00	0	0	728.90	720.00	736.63	132.17	736.78	45.15	46.99	112.15	3.42

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
7.000	1420.000	678.055	0	0	0	20.975	0	-0
7.000	1420.000	678.640	.585	0	0	21.506	-.531	-0
9.500	1420.000	680.770	0	6.715	0	100.108	0	250.000
9.500	1420.000	685.396	.626	6.756	0	51.354	92.755	250.000
11.500	1420.000	686.520	0	1.750	0	120.727	0	200.000
11.500	1420.000	687.632	1.107	2.235	0	22.001	98.726	200.000
14.000	1420.000	689.340	0	2.816	0	111.996	0	250.000
14.000	1420.000	690.507	1.167	2.875	0	42.001	69.998	250.000
21.000	1420.000	692.250	0	2.910	0	257.840	0	700.000
21.000	1420.000	693.249	.998	2.743	0	130.790	127.050	700.000
30.000	1420.000	696.995	0	4.745	0	129.093	0	900.000
30.000	1420.000	697.979	.983	4.729	0	53.098	75.995	900.000
30.800	1420.000	698.268	0	1.273	0	25.497	0	80.000
30.800	1420.000	699.517	1.249	1.539	0	27.000	-1.503	80.000
31.000	1420.000	700.431	0	2.163	0	10.775	0	20.000
31.000	1420.000	700.431	0	.910	0	10.775	0	20.000
31.200	1420.000	703.267	0	2.836	0	11.354	0	20.000
31.200	1420.000	703.278	.006	2.842	0	11.354	-.003	20.000
31.400	1420.000	705.493	0	2.226	0	27.000	0	20.000
31.400	1420.000	705.498	.005	2.220	0	27.000	0	20.000
32.000	1420.000	705.848	0	.351	0	163.501	0	60.000
32.000	1420.000	705.850	.006	.352	0	109.436	54.071	60.000
35.700	1420.000	705.920	0	.085	0	273.533	0	370.000
35.700	1420.000	705.976	.047	.126	0	182.078	91.455	370.000
36.900	1420.000	705.952	0	.023	0	269.228	0	120.000
36.900	1420.000	706.009	.057	.032	0	168.903	100.325	120.000
39.900	1420.000	705.953	0	.001	0	20.000	0	300.000
39.900	1420.000	706.953	1.000	.945	0	20.000	0	300.000
41.500	1420.000	707.193	0	1.240	0	206.881	0	160.000
41.500	1420.000	708.018	.825	1.065	0	105.562	101.319	160.000
49.000	1300.000	707.981	0	.788	0	152.971	0	750.000
49.000	1300.000	708.867	.885	.849	0	69.113	83.857	750.000
49.800	1300.000	706.332	0	-1.649	0	10.000	0	80.000

49.800	1300.000	707.243	.911	-1.624	0	10.000	0	80.000
50.000	1300.000	706.475	0	.143	0	10.800	0	20.000
50.000	1300.000	707.111	.635	-.132	0	10.800	0	20.000
50.700	1300.000	707.175	0	.700	0	10.800	0	70.000
50.700	1300.000	707.510	.338	.403	0	10.800	0	70.000
50.900	1300.000	712.262	0	5.087	0	169.423	0	20.000
50.900	1300.000	712.319	.057	4.806	0	95.955	73.468	20.000
52.000	1300.000	712.328	0	.066	0	166.258	0	110.000
52.000	1300.000	712.415	.087	.096	0	80.560	85.690	110.000
53.500	1300.000	712.196	0	-.132	0	18.000	0	150.000
53.500	1300.000	712.506	.309	.090	0	18.001	-.001	150.000
53.800	1300.000	713.289	0	1.093	0	161.335	0	30.000
53.800	1300.000	713.426	.136	.920	0	72.540	88.791	30.000
54.200	1300.000	713.345	0	.055	0	162.025	0	40.000
54.200	1300.000	713.531	.187	.106	0	73.827	88.598	40.000
54.400	1300.000	713.457	0	.112	0	200.000	0	20.000
54.400	1300.000	713.746	.289	.215	0	120.024	79.976	20.000
55.000	1300.000	713.483	0	.026	0	200.000	0	60.000
55.000	1300.000	713.781	.298	.034	0	120.300	79.701	60.000
64.000	720.000	715.642	0	2.159	0	53.218	0	900.000
64.000	720.000	715.464	-.178	1.483	0	15.001	38.217	900.000
70.500	720.000	722.890	0	7.252	0	109.351	0	650.000
70.500	720.000	724.228	1.335	8.765	0	36.031	73.320	650.000
71.800	720.000	723.413	0	.519	0	110.661	0	130.000
71.800	720.000	724.710	1.297	.882	0	37.877	72.785	130.000
73.200	720.000	724.338	0	.924	0	10.000	0	140.000
73.200	720.000	725.636	1.297	.924	0	10.000	0	140.000
74.000	720.000	726.121	0	1.783	0	70.195	0	80.000
74.000	720.000	726.932	.811	1.296	0	23.675	46.521	80.000
76.000	720.000	726.835	0	.714	0	72.387	0	200.000
76.000	720.000	727.655	.820	.723	0	25.001	47.386	200.000
77.500	720.000	727.531	0	.696	0	55.968	0	150.000
77.500	720.000	728.406	.874	.750	0	25.001	30.963	150.000
78.200	720.000	728.029	0	.498	0	13.327	0	70.000
78.200	720.000	728.735	.706	.330	0	14.033	-.706	70.000
79.000	720.000	730.447	0	2.418	0	72.007	0	80.000
79.000	720.000	731.110	.664	2.378	0	40.618	31.390	80.000
80.000	720.000	730.675	0	.227	0	62.530	0	100.000
80.000	720.000	731.351	.676	.237	0	38.804	23.735	100.000
81.000	720.000	734.661	0	3.986	0	8.000	0	100.000
81.000	720.000	735.337	.676	3.984	0	8.000	0	100.000
81.500	720.000	735.833	0	1.172	0	100.001	0	50.000
81.500	720.000	736.375	.542	1.038	0	78.040	21.957	50.000

88.000	720.000	736.631	.517	.256	0	45.152	40.459	650.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	24.470	0
2	4.000	.310	12.355	-12.115

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*****************************************
HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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Floodway

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T1      GASTONIA NORTH CAROLINA
T2      FLOOD INSURANCE STUDY
T3      TRIBUTARYL-8-1,100 YEAR 0                    CATOF

J1  ICHECK    INQ     NINV    IDTR    STRT    METRIC  HVINS   0       WSEL    FQ
        -0      4.      -0      -0      -0      -0      -0      -0  710.100     -0

J2  NPROF     IPLOT   PRFVS   XSECV   XSECH   FN      ALLDC   IBA     CHNIM   ITRACE
        1.000   -0      -0      -0      -0      -0      -0      -0      -0      -0

J3      1.000  30.000   3.000   4.000  27.000  28.000  26.000      -0      -0      -0
NC       .080    .080    .070    .100    .300      -0      -0      -0      -0      -0
QT      5.000 350.000 620.000 725.000 725.000 940.000      -0      -0      -0      -0
ET         -0      -0      -0      -0  10.400      -0      -0      -0      -0      -0

X1         0  12.000  90.000 135.000      -0      -0      -0      -0      -0      -0
GR   708.800       0 708.500  50.000 704.900  90.000 701.600  95.000 700.900 100.000
GR   701.900 105.000 709.000 110.000 708.500 120.000 702.000 125.000 704.300 135.000
GR   708.700 150.000 712.400 200.000      -0      -0      -0      -0      -0      -0

X1     7.500  11.000  90.000 107.000 750.000 750.000 750.000      -0      -0      -0
GR   720.000       0 714.000  50.000 715.100  90.000 712.200  95.500 710.600  94.000
GR   709.600  98.000 710.600 100.000 712.200 100.500 715.200 107.000 715.000 150.000
GR   718.100 200.000      -0      -0      -0      -0      -0      -0      -0      -0

X1     7.700       0      -0      -0  20.000  20.000  20.000      -0    .400      -0
X3    10.000      -0      -0      -0      -0      -0      -0 715.200 715.200      -0
BB        -0   1.500   2.500       0   5.000      -0  21.400      -0      -0      -0

X1     8.300       0      -0      -0  60.000  60.000  60.000      -0      -0      -0
X2        -0      -0   1.000 715.200 717.900      -0      -0      -0      -0      -0
X3    10.000      -0      -0      -0      -0      -0      -0 717.900 717.900      -0
BT    10.000       0 721.600       0  50.000 718.900       0  90.000 718.900       0
BT    95.500 717.900 712.600  94.000 717.900 714.200  99.000 717.900 715.200 100.000
BT   717.900 714.200 100.500 717.900 712.600 150.000 717.900       0 200.000 719.000
BT         0      -0      -0      -0      -0      -0      -0      -0      -0      -0

X1     8.500   9.000  69.000 108.000  20.000  20.000  20.000      -0      -0      -0
GR   717.900       0 715.900  50.000 715.200  89.000 711.000  94.000 711.000 100.000
GR   711.200 103.000 714.300 108.000 716.300 150.000 718.500 200.000      -0      -0

X1    15.400   9.000  43.000  57.000 690.000 690.000 690.000      -0      -0      -0
GR   727.100       0 721.900  43.000 720.700  48.000 720.600  50.000 720.900  52.000
GR   722.100  57.000 723.800 100.000 730.900 150.000 732.800 200.000      -0      -0

X1    26.000  10.000  85.000 110.000 1060.000 1060.000 1060.000      -0      -0      -0
GR   748.100       0 740.200  50.000 733.800  85.000 728.500  97.000 728.200 100.000
GR   728.500 102.000 734.600 110.000 736.000 150.000 736.700 160.000 740.700 200.000
EJ        -0      -0      -0      -0      -0      -0      -0      -0      -0      -0
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          2550.  C                                                  T                L B  E          M
    26.00 2600.  C                                                  T                LR   WE         M
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*****************************************
HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      GASTONIA N C
T2      FLOOD INSURANCE
T3      TRIB  L-R-1     FLOODWAY

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       =0       5.        =0        =0        =0        =0        =0        =0   711.140       =0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    15.000       =0        =0        =0        =0        =0        =0        =0        =0        =0
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	2550,	C																	
26.00	2600,	C																	

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB L=R=1 FLOODWAY

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
0	-0	0	0	700.90	725.00	710.14	201.64	710.19	169.46	0	0	2.03
0	-0	0	0	700.90	725.00	711.14	197.36	711.21	59.89	75.11	135.00	2.20
7.50	750.00	0	0	709.60	725.00	716.25	41.61	716.84	122.99	0	0	7.43
7.50	750.00	0	0	709.60	725.00	716.58	29.86	718.20	21.08	90.00	111.06	10.50
7.70	20.00	0	0	710.00	725.00	716.97	55.89	717.30	131.83	0	0	5.86
7.70	20.00	0	0	710.00	725.00	718.36	60.87	718.87	31.78	90.00	121.78	6.07
8.30	60.00	0	0	710.00	725.00	719.51	269.84	719.58	185.37	0	0	1.70
8.30	60.00	0	0	710.00	725.00	720.91	315.28	720.98	89.97	66.46	156.43	1.66
8.50	20.00	0	0	711.00	725.00	719.53	339.86	719.55	200.00	0	0	1.59
8.50	20.00	0	0	711.00	725.00	720.92	382.87	720.95	94.58	50.19	144.78	1.59
15.40	690.00	0	0	720.60	725.00	724.36	39.46	725.03	81.28	0	0	8.28
15.40	690.00	0	0	720.60	725.00	724.77	29.93	726.20	23.89	43.00	66.89	10.48
26.00	1060.00	0	0	728.20	725.00	736.11	100.84	736.39	79.30	0	0	4.37
26.00	1060.00	0	0	728.20	725.00	737.01	113.41	737.27	29.00	85.00	114.00	4.05

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0	725.000	710.140	0	0	0	169.450	0	-0
0	725.000	711.140	1.000	0	0	59.890	109.560	-0
7.500	725.000	716.250	0	6.110	0	122.991	0	750.000
7.500	725.000	716.583	.333	5.443	0	21.083	101.908	750.000
7.700	725.000	716.967	0	.717	0	131.827	0	20.000
7.700	725.000	718.365	1.398	1.782	0	31.780	100.043	20.000
8.300	725.000	719.513	0	2.546	0	185.374	0	60.000
8.300	725.000	720.911	1.398	2.546	0	89.971	95.404	60.000
8.500	725.000	719.520	0	.017	0	200.000	0	20.000
8.500	725.000	720.925	1.395	.014	0	94.594	105.416	20.000
15.400	725.000	724.359	0	4.830	0	81.274	0	690.000
15.400	725.000	724.769	.410	3.845	0	23.889	57.387	690.000
26.000	725.000	736.115	0	11.755	0	79.303	0	1060.000
26.000	725.000	737.013	.898	12.248	0	29.001	50.302	1060.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE FNC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	7.065	0
2	4.000	.179	2.417	-4.647

Floodway

stay 10' from bank and add 1' elev. to natural for Floodway elev. where ENCR is computed to Bank Stations.

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*****************************************
HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1	GASTONIA NORTH CAROLINA										
T2	FLOOD INSURANCE STUDY										
T3	TRIBUTARY L-8-2,100 YEAR Q							CATOF			
J1	ICHECK	INQ	NINV	IDTR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	-0	4.	-0	-0	-0	-0	-0	-0	710.100	-0	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IRW	CHNTM	ITRACE	
	1.000	-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	
NC	.080	.080	.070	.100	.300	-0	-0	-0	-0	-0	
RT	5.000	300.000	550.000	430.000	430.000	820.000	-0	-0	-0	-0	
ET	-0	-0	-0	-0	10.400	-0	-0	-0	-0	-0	
X1	1.000	15.000	91.000	114.000	-0	-0	-0	-0	-0	-0	
GR	719.500	0	717.200	50.000	717.300	60.000	708.600	85.000	708.600	91.000	
GR	704.100	95.000	703.700	100.000	704.500	103.000	709.600	114.000	711.000	150.000	
GR	711.300	200.000	711.100	225.000	718.700	250.000	725.000	265.000	724.900	300.000	
X1	1.500	0	-0	-0	50.000	50.000	50.000	-0	-0	-0	
X3	10.000	-0	-0	-0	-0	-0	-0	719.000	719.000	-0	
SB	0	1.500	2.500	0	7.500	0	45.000	0	705.400	704.000	
X1	2.900	6.000	96.300	103.800	140.000	140.000	140.000	-0	-0	-0	
X2	-0	-0	1.000	711.400	719.000	-0	-0	-0	-0	-0	
X3	10.000	-0	-0	-0	-0	-0	-0	719.900	719.900	-0	
BT	6.000	0	719.000	0	50.000	719.000	0	96.300	719.900	711.000	
BT	103.800	719.900	711.400	150.000	720.700	0	200.000	721.900	0	-0	
GR	719.000	0	719.400	50.000	719.900	96.300	705.400	96.300	705.400	103.800	
GR	719.900	103.800	720.700	150.000	721.900	200.000	-0	-0	-0	-0	
X1	3.500	10.000	70.000	122.000	60.000	60.000	60.000	-0	-0	-0	
GR	720.100	0	719.700	50.000	719.200	70.000	705.800	95.000	705.100	100.000	
GR	705.200	103.000	720.300	122.000	720.900	150.000	722.600	200.000	725.100	250.000	
X1	5.500	0	-0	-0	200.000	200.000	200.000	-0	3.000	-0	
X1	7.500	10.000	118.000	124.000	200.000	200.000	200.000	-0	-0	-0	
GR	722.100	0	714.500	50.000	715.500	100.000	713.700	118.000	711.000	119.000	
GR	711.000	121.000	711.400	123.000	714.300	124.000	715.300	150.000	720.300	200.000	
X1	8.000	0	-0	-0	50.000	50.000	50.000	-0	-0	-0	
X3	10.000	-0	-0	-0	-0	-0	-0	721.100	721.100	-0	
SB	0	1.500	2.500	0	6.000	0	36.000	0	711.800	711.100	
X1	9.200	6.000	97.000	103.000	120.000	120.000	120.000	-0	-0	-0	
X2	-0	-0	1.000	717.800	722.100	-0	-0	-0	-0	-0	
X3	10.000	-0	-0	-0	-0	-0	-0	722.500	722.500	-0	
BT	6.000	0	722.900	0	50.000	722.100	0	97.000	722.500	717.800	
				150.000	[illegible]	0	200.000	728.600	0	-0	

GR	722,900	0	722,100	50,000	722,500	97,000	711,800	97,000	711,800	103,000	
GR	722,500	103,000	724,900	150,000	728,600	200,000	=0	=0	=0	=0	
X1	10,000	12,000	90,000	100 110,000	80,000	80,000	80,000	=0	=0	=0	
GR	725,000	0	725,100	25,000	717,900	50,000	716,300	80,000	715,400	82,000	
GR	714,900	90,000	712,100	96,000	711,900	100,000	712,000	103,000	715,300	110,000	
GR	720,600	140,000	726,600	150,000	=0	=0	=0	=0	=0	=0	
X1	16,500	10,000	130,000	745 160,000	650,000	550,000	650,000	=0	=0	=0	
GR	737,600	0	732,700	50,000	726,600	100,000	722,800	130,000	719,700	147,000	
GR	719,200	150,000	719,600	153,000	722,800	160,000	727,400	200,000	736,800	250,000	
X1	26,500	8,000	90,000	745 120,000	1000,000	1000,000	1000,000	=0	=0	=0	
GR	745,600	0	739,100	50,000	737,300	90,000	730,500	95,000	730,700	100,000	
GR	730,800	105,000	741,000	120,000	746,500	150,000	=0	=0	=0	=0	
X1	37,000	7,000	40,000	50 62,000	1050,000	1050,000	1050,000	=0	=0	=0	
GR	757,700	0	751,200	40,000	746,000	46,000	745,900	50,000	746,200	52,000	
GR	759,400	62,000	763,700	100,000	=0	=0	=0	=0	=0	=0	
EJ	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	

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HEC2 VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1        GASTONIA N C
T2        FLOOD INSURANCE
T3        TRIB  L-A-2     FLOODWAY

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       -0       5.        -0        -0        -0        -0        -0        -0     718.140      -0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
     15.00       -0        -0        -0        -0        -0        -0        -0        -0        -0
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB L-A-2 FLOODWAY

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
1.00	-0	0	0	703.70	630.00	710.14	53.54	710.68	47.31	0	0	6.03
1.00	-0	0	0	703.70	630.00	711.14	67.31	711.56	23.00	91.00	114.00	5.19
1.50	50.00	0	0	703.70	630.00	710.81	61.48	711.28	23.00	0	0	5.53
1.50	50.00	0	0	703.70	630.00	711.59	76.47	711.95	23.00	91.00	114.00	4.77
2.90	140.00	0	0	705.40	630.00	713.83	25.38	715.37	7.50	0	0	9.95
2.90	140.00	0	0	705.40	630.00	714.62	28.23	715.91	7.50	96.30	103.80	9.11
3.50	60.00	0	0	705.10	630.00	715.70	154.91	715.81	38.90	0	0	2.63
3.50	60.00	0	0	705.10	630.00	716.18	171.33	716.27	40.34	70.00	122.00	2.44
5.50	200.00	0	0	708.10	630.00	716.15	83.04	716.42	31.12	0	0	4.19
5.50	200.00	0	0	708.10	630.00	716.53	92.34	716.77	32.31	70.00	122.00	3.87
7.50	200.00	0	0	711.00	630.00	717.47	83.86	717.58	130.26	0	0	3.69
7.50	200.00	0	0	711.00	630.00	717.79	65.98	718.00	47.96	88.15	136.12	4.66
8.00	50.00	0	0	711.00	630.00	718.60	17.88	722.00	6.00	0	0	15.01
8.00	50.00	0	0	711.00	630.00	718.58	17.73	722.00	6.00	118.00	124.00	15.05
9.20	120.00	0	0	711.80	630.00	721.00	20.27	723.00	6.00	0	0	11.37
9.20	120.00	0	0	711.80	630.00	721.02	20.24	723.02	6.00	97.00	103.00	11.30
10.00	80.00	0	0	711.90	630.00	723.28	479.82	723.29	113.14	0	0	1.26
10.00	80.00	0	0	711.90	630.00	723.27	416.74	723.50	69.10	56.53	125.63	1.45
16.50	650.00	0	0	719.20	630.00	723.31	27.53	724.48	39.38	0	0	8.59
16.50	650.00	0	0	719.20	630.00	723.28	25.90	724.46	30.00	130.00	160.00	8.88
26.50	1000.00	0	0	730.50	630.00	738.22	78.94	738.53	42.49	0	0	4.51
26.50	1000.00	0	0	730.50	630.00	738.41	79.99	738.71	24.19	90.00	120.00	4.42
37.00	1050.00	0	0	745.90	630.00	751.70	29.06	753.17	19.28	0	0	9.76
37.00	1050.00	0	0	745.90	630.00	751.71	28.64	753.19	14.18	40.00	62.00	9.75

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1.000	630.000	710.140	0	0	0	47.311	0	-0
1.000	630.000	711.140	1.000	0	0	23.001	24.310	-0
1.500	630.000	710.808	0	.668	0	23.000	0	50.000
1.500	630.000	711.590	.782	.450	0	23.000	0	50.000
2.900	630.000	713.835	0	3.027	0	7.500	0	140.000
2.900	630.000	714.621	.786	3.027	0	7.500	0	140.000
3.500	630.000	715.702	0	1.867	0	38.895	0	60.000
3.500	630.000	716.176	.474	1.555	0	40.341	-1.446	60.000
5.500	630.000	716.147	0	.445	0	31.118	0	200.000
5.500	630.000	716.535	.388	.358	0	32.311	-1.193	200.000
7.500	630.000	717.469	0	1.322	0	130.259	0	200.000

7.500	630.000	717.786	.316	1.251	0	47.969	82.297	200.000
8.000	630.000	718.597	0	1.127	0	6.000	0	50.000
8.000	630.000	718.579	-.018	.793	0	6.000	0	50.000
9.200	630.000	721.036	0	2.439	0	6.000	0	120.000
9.200	630.000	721.018	-.018	2.439	0	6.000	0	120.000
10.000	630.000	723.279	0	2.243	0	113.145	0	80.000
10.000	630.000	723.275	-.005	2.257	0	69.103	44.041	80.000
16.500	630.000	723.305	0	.026	0	38.379	0	650.000
16.500	630.000	723.239	-.066	-.036	0	30.001	8.378	650.000
26.500	630.000	738.219	0	14.914	0	46.487	0	1000.000
26.500	630.000	738.410	.191	15.171	0	26.186	20.301	1000.000
37.000	630.000	751.696	0	13.477	0	19.274	0	1050.000
37.000	630.000	751.714	.019	13.305	0	16.177	3.098	1050.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	3.754	0
2	4.000	.025	2.471	-1.283