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

Floodway

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB D-1 100-YR U

J1	ICHECK	TNR	MINV	IDIR	STRT	METRIC	EVINS	D	WSFL	FR
	0	4	0	0	0	0	0	0	451,790	-0
J2	NPROF	TPL01	PREVS	YSFCV	YSFCU	FN	ALD0	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
NC	.100	.100	.100	.100	.300				-0	-0
QT	5,000	390,000	700,000	820,000	820,000	1060,000			-0	-0
ET	-0	-0	-0	-0	-0	10,000			-0	-0
X1	656,800	25,000	355,000	370,000					-0	-0
GR	669,000	0	662,300	100,000	667,700	150,000	654,300	175,000	652,900	200,000
GR	651,000	250,000	650,300	300,000	651,800	350,000	651,800	455,000	643,800	366,000
GR	643,300	373,000	644,000	378,000	650,100	370,000	650,500	400,000	649,700	450,000
GR	651,100	550,000	651,000	560,000	648,500	565,000	651,200	568,000	650,700	650,000
GR	650,800	700,000	651,300	713,000	660,100	750,000	660,900	800,000	675,000	850,000
X1	13,000	14,000	144,000	150,000	1100,000	1100,000	1100,000		-0	-0
GR	671,600	0	670,000	55,000	666,200	50,000	660,200	64,000	658,000	100,000
GR	658,300	144,000	650,000	146,000	650,000	150,000	654,300	154,000	658,700	150,000
GR	659,300	200,000	663,200	250,000	669,900	295,000	669,600	300,000		-0
X1	25,000	14,000	144,000	156,000	1200,000	1200,000	1200,000		-0	-0
GR	685,600	0	684,900	18,000	678,100	50,000	671,000	80,000	669,500	100,000
GR	660,000	144,000	660,700	145,000	664,000	150,000	665,000	155,000	666,400	156,000
GR	668,800	172,000	668,700	200,000	673,200	250,000	690,700	300,000		-0
X1	35,500	17,000	261,000	268,000	1050,000	1050,000	1050,000		-0	-0
GR	700,000	0	695,000	100,000	690,100	200,000	680,400	228,000	686,400	250,000
GR	684,300	261,000	683,100	262,000	683,000	260,000	683,100	266,000	684,800	268,000
GR	680,500	275,000	680,500	300,000	690,400	350,000	692,800	400,000	696,400	450,000
GR	696,100	500,000	700,000	600,000						-0
X1	35,650	-0	-0	-0	15,000	15,000	15,000		-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	487,800	487,800	-0
NC	.020	.015	.020	-0	-0	-0	-0		-0	-0
X1	35,670	22,000	304,500	311,500	2,000	2,000	2,000		-0	-0
BT	13,000	0	700,000		200,000	691,000		250,000	691,000	-0
BT	300,000	691,600	-0	304,500	691,600	684,400	305,500	491,600	686,800	308,000
BT	691,600	687,800	310,500	691,600	686,800	311,500	691,600	684,400	315,000	491,700
BT	-0	400,000	692,500	-0	550,000	600,500	-0	490,000	700,000	-0
GR	700,000	0	695,000	100,000	690,100	200,000	680,400	228,000	686,400	250,000
GR	684,300	261,000	683,100	262,000	683,000	260,000	683,100	266,000	684,800	268,000
GR	689,500	275,000	689,500	300,000	684,400	304,500	681,900	305,500	680,900	308,000
GR	681,900	310,500	684,400	311,500	690,400	315,000	692,800	400,000	696,400	450,000

GR	696,100	550,000	700,000	490,000	-0	-0	-0	-0	-0	-0
NC	.050	.050	0.050	.100	.300	-0	-0	-0	-0	-0
X1	36,330	-0	-0	-0	66,000	66,000	66,000	-0	-0	-0
X2	-0	-0	-0	-0	-0	-0	1,000	-0	-0	-0
NC	.600	.000	.600	-0	-0	-0	-0	-0	-0	-0
X1	36,350	20,000	355,000	360,365,000	2,000	2,000	2,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	491,600	491,600	-0
GR	702,600	0	700,000	70,000	695,000	170,000	692,700	200,000	692,100	217,000
GR	691,700	250,000	691,100	300,000	690,500	336,000	687,300	350,000	685,200	355,000
GR	683,800	357,000	683,600	360,000	683,800	362,000	686,700	365,000	687,900	370,000
GR	688,300	400,000	690,500	050,000	692,300	500,000	695,400	550,000	700,000	720,000
X1	36,800	20,000	355,000	360,365,000	45,000	45,000	45,000	-0	-0	-0
GR	702,600	0	700,000	70,000	695,000	170,000	692,700	200,000	692,100	217,000
GR	691,700	250,000	691,100	300,000	690,500	336,000	687,300	350,000	685,200	355,000
GR	683,800	357,000	683,600	360,000	683,800	362,000	686,700	365,000	687,900	370,000
GR	688,300	400,000	690,500	050,000	692,300	500,000	695,400	550,000	700,000	720,000
X1	42,000	10,000	192,000	200,205,000	520,000	520,000	520,000	-0	-0	-0
GR	717,000	0	715,000	40,000	707,200	100,000	698,300	150,000	695,000	192,000
GR	692,300	105,000	691,200	200,000	692,300	205,000	695,100	200,000	699,200	250,000
GR	701,200	280,000	706,000	288,000	706,600	300,000	715,000	400,000	-0	-0
EJ	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0

SADPD-F
Box 1 of 2

12543

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIM D-1 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	OF	MAY FL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TG	EG	TOPWID	STENCI	STENCH	VCH
156.80		-0		0	643.30	220.00	651.79	147.12	651.83	480.50	0	0	2.30
156.80		-0		0	643.30	220.00	652.79	151.86	652.85	120.61	355.00	475.61	2.41
13.00	1100.00			0	654.00	220.00	659.60	43.06	660.13	131.21	0	0	6.52
13.00	1100.00			0	654.00	220.00	660.50	37.37	661.35	30.03	128.96	159.00	7.90
25.00	1200.00			0	664.00	220.00	671.62	124.19	671.70	140.60	0	0	2.90
25.00	1200.00			0	664.00	220.00	672.74	130.71	672.85	62.87	124.94	187.82	3.05
35.50	1050.00			0	683.00	220.00	688.56	30.44	689.80	30.42	0	0	10.76
35.50	1050.00			0	683.00	220.00	688.87	21.94	691.34	13.87	254.13	268.00	11.84
35.65	15.00			0	683.00	220.00	690.00	61.44	690.37	124.49	0	0	6.29
35.65	15.00			0	683.00	220.00	691.52	74.86	692.00	22.99	245.45	268.44	5.92
35.67	2.00	691.00	68	0	680.90	220.00	691.99	104.66	692.54	210.02	0	0	7.63
35.67	2.00	691.00	687	0	680.90	220.00	692.77	81.12	693.93	45.64	265.86	311.50	8.88
36.33	66.00	691.00	687	0	680.90	220.00	692.84	114.05	692.95	256.74	0	0	3.02
36.33	66.00	691.00	687	0	680.90	220.00	694.23	138.55	694.40	74.77	236.73	311.50	2.33
36.35	2.00			0	683.60	220.00	692.94	44.73	692.98	313.05	0	0	1.65
36.35	2.00			0	683.60	220.00	694.41	54.88	694.43	107.72	320.49	428.22	1.56
36.80	45.00			0	683.60	220.00	693.86	70.04	693.86	340.14	0	0	1.18
36.80	45.00			0	683.60	220.00	695.12	76.55	695.13	144.11	294.04	438.17	1.17
42.00	520.00			0	691.20	220.00	702.43	57.58	702.44	155.28	0	0	1.56
42.00	520.00			0	691.20	220.00	703.04	56.19	703.07	83.14	159.61	242.75	1.64

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL-WSFLK	TOPWID	T.W. DIFF	LENGTH
156.800	220.000	651.790	0	0	0	480.503	0	-0
156.800	220.000	652.790	1.000	0	0	120.613	350.890	-0
13.000	220.000	659.690	0	7.904	0	131.212	0	1100.000
13.000	220.000	660.496	.803	7.704	0	30.035	101.177	1100.000
25.000	220.000	671.623	0	11.920	0	140.600	0	1200.000
25.000	220.000	672.740	1.117	12.244	0	62.872	84.728	1200.000
35.500	220.000	688.558	0	14.935	0	39.418	0	1050.000
35.500	220.000	688.866	.308	16.126	0	13.871	25.547	1050.000
35.650	220.000	690.990	0	1.442	0	124.488	0	15.000
35.650	220.000	691.523	1.520	2.657	0	22.990	101.498	15.000
35.670	220.000	691.993	0	1.993	0	210.025	0	2.000
35.670	220.000	692.768	.775	1.245	0	45.635	104.380	2.000
36.330	220.000	692.830	0	.844	0	256.740	0	66.000
36.330	220.000	694.231	1.392	1.463	0	74.766	181.974	66.000
36.350	220.000	692.957	0	.118	0	313.954	0	2.000

36,800	0	220,000	694,405	1,444	.175	0	107,721	206,234	2,000
36,800	0	220,000	693,855	0	.898	0	340,130	0	45,000
36,800	0	220,000	695,119	1,264	.713	0	144,109	196,030	45,000
42,000	0	220,000	702,435	0	8,560	0	155,278	0	520,000
42,000	0	220,000	703,044	.610	7,926	0	83,135	72,143	520,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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1	0	0	17,567	0
2	4,000	.242	5,697	-11,871

12549

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB 0-2 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
A	3.00	=0	0	0	657.70	420.00	662.36	28.56	662.91	85.79	0	7.45
	3.00	=0	0	0	657.70	420.00	662.58	19.30	664.07	14.84	190.16	10.31
	7.00	400.00	0	0	662.20	420.00	667.51	48.42	667.71	101.43	0	4.89
	7.00	400.00	0	0	662.20	420.00	669.02	55.63	669.22	29.37	175.63	4.26
B	11.00	400.00	0	0	666.50	420.00	671.97	27.94	672.77	69.66	0	7.57
	11.00	400.00	0	0	666.50	420.00	672.45	29.37	673.33	13.00	194.00	7.53
	15.00	400.00	0	0	680.10	420.00	685.58	28.15	686.36	70.00	0	7.53
	15.00	400.00	0	0	680.10	420.00	684.92	18.43	686.50	12.86	194.00	10.23
C	19.00	800.00	0	0	693.70	420.00	696.01	47.96	696.17	72.06	0	3.21
	19.00	800.00	0	0	693.70	420.00	696.26	57.91	696.38	73.59	80.00	2.84

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL-WSFLK	TOPWID	T.W. DIFF	LENGTH
3.000	420.000	662.358	0	0	0	85.792	0	=0
3.000	420.000	662.575	.217	0	0	14.830	70.953	=0
7.000	420.000	667.510	0	5.152	0	101.428	0	400.000
7.000	420.000	669.021	1.511	6.446	0	29.372	72.056	400.000
11.000	420.000	671.968	0	4.458	0	69.663	0	400.000
11.000	420.000	672.453	.485	3.432	0	13.001	56.662	400.000
15.000	420.000	685.578	0	13.610	0	70.001	0	400.000
15.000	420.000	684.910	-0.669	12.466	0	12.856	57.140	400.000
19.000	420.000	696.013	0	10.435	0	72.060	0	800.000
19.000	420.000	696.256	.242	11.337	0	73.587	-1.527	800.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE FNC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	3.591	0
2	4.000	0	1.310	-2.281

Floodway

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

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRTB D=3 100-YR Q

J1	ICHECK	INC	MINV	IDTR	STRT	METRIC	RVINS	Q	WSFL	EQ
	0	4	0	0	0	0	0	0	669.620	-0
J2	NPROF	TPLT	PPFVS	XSFCV	XSFCW	FN	ALLDC	IRW	CHNTH	TTRACE
	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
NC	.090	.090	.090	.100	.300	-0	-0		-0	-0
QT	5.000	510.000	900.000	1050.000	1050.000	1350.000			-0	-0
ET	-0	-0	-0	-0	10.000	-0	-0		-0	-0
X1	214.950	15.000	226.000	250.000	-0	-0	-0		-0	-0
GR	676.000	40.000	670.000	130.000	668.000	200.000	669.000	218.000	668.200	226.000
GR	661.500	230.000	661.500	240.000	668.500	250.000	667.500	300.000	667.500	345.000
GR	666.100	350.000	666.400	365.000	667.500	370.000	671.000	425.000	675.000	450.000
X1	4.000	20.000	292.000	311.000	650.000	650.000	650.000		-0	-0
GR	669.700	0	669.200	50.000	668.500	100.000	669.100	113.000	673.900	123.000
GR	675.700	108.000	669.000	155.000	669.800	200.000	669.400	250.000	670.100	292.000
GR	660.500	204.000	660.400	300.000	660.500	302.000	670.100	311.000	666.800	350.000
GR	669.400	400.000	670.400	450.000	672.800	500.000	675.500	550.000	676.500	600.000
X1	5.500	-0	-0	-0	150.000	150.000	150.000		-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	472.300	672.300	-0
SB	1.250	1.500	3.000	0	13.000	1.000	72.000	0	-0	-0
X1	6.500	21.000	294.000	306.000	100.000	100.000	100.000		-0	-0
X2	-0	-0	1.000	672.300	680.800	-0	-0		-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	481.300	481.300	-0
BT	11.000	0	670.500	-0	100.000	675.300	-0	150.000	674.100	-0
BT	200.000	677.200	-0	290.000	660.800	-0	294.000	480.800	669.200	294.000
BT	680.800	672.300	306.000	650.800	672.300	306.000	680.800	460.200	310.000	681.200
BT	-0	600.000	693.000	-0	-0	-0	-0	-0	-0	-0
GR	669.700	0	669.200	50.000	668.500	100.000	669.100	113.000	673.900	123.000
GR	675.700	150.000	669.000	155.000	669.800	200.000	669.400	250.000	669.200	290.000
GR	669.200	290.000	666.300	290.000	666.300	306.000	669.200	304.000	670.100	310.000
GR	669.800	350.000	669.400	400.000	670.400	450.000	672.800	500.000	675.500	550.000
GR	676.500	600.000	-0	-0	-0	-0	-0	-0	-0	-0
X1	8.000	18.000	293.000	316.000	150.000	150.000	150.000		-0	-0
GR	694.500	0	691.600	39.000	690.100	50.000	679.800	100.000	675.200	123.000
GR	670.800	140.000	674.300	200.000	671.200	250.000	672.000	293.000	666.700	297.000
GR	666.900	300.000	667.200	303.000	672.000	316.000	671.500	350.000	673.200	385.000
GR	677.500	400.000	691.900	430.000	692.300	450.000	-0	-0	-0	-0
X1	13.000	15.000	341.000	350.000	500.000	500.000	500.000		-0	-0
GR	687.900	0	683.400	25.000	681.500	50.000	678.200	100.000	674.900	150.000

GR	676,300	200,000	673,000	250,000	673,200	300,000	673,600	341,000	667,200	400,000
GR	669,100	350,000	669,100	354,000	673,700	359,000	673,700	380,000	686,300	400,000
QT	5,000	490,000	700,000	1020,000	1020,000	1310,000	-0	-0	-0	-0
X1	22,000	16,000	238,000	259,000	900,000	900,000	900,000	-0	-0	-0
GR	694,500	0	687,400	50,000	680,000	83,000	677,900	92,000	679,700	100,000
GR	680,200	150,000	678,600	200,000	678,600	238,000	673,800	248,000	673,400	250,000
GR	673,600	252,000	678,300	259,000	678,100	300,000	679,700	350,000	684,600	400,000
GR	694,600	450,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	22,150	-0	-0	-0	15,000	15,000	15,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	680,400	680,400	-0
SB	0	1,500	3,000	300,000	8,000	0	56,000	0	-0	-0
X1	23,000	21,000	295,400	301,600	85,000	85,000	85,000	-0	-0	-0
X2	-0	-0	1,000	680,400	708,700	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	709,200	709,200	-0
GR	694,500	0	687,400	50,000	680,000	83,000	677,900	92,000	679,700	100,000
GR	680,200	150,000	678,600	200,000	678,600	238,000	673,800	248,000	673,400	250,000
GR	673,600	252,000	678,300	290,000	676,000	295,400	671,600	295,400	671,600	301,600
GR	676,000	301,600	678,400	310,000	679,700	350,000	684,600	400,000	694,600	450,000
GR	694,600	500,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	27,000	17,000	288,000	310,000	400,000	400,000	400,000	-0	-0	-0
GR	696,800	0	693,200	50,000	690,200	132,000	686,400	139,000	685,500	150,000
GR	683,200	200,000	681,000	250,000	680,400	288,000	676,000	297,000	675,500	300,000
GR	675,600	303,000	680,700	310,000	680,700	350,000	680,200	360,000	685,500	400,000
GR	691,200	450,000	693,000	500,000	-0	-0	-0	-0	-0	-0
QT	5,000	430,000	770,000	900,000	900,000	1150,000	-0	-0	-0	-0
X1	34,000	17,000	244,000	255,000	700,000	700,000	700,000	-0	-0	-0
GR	708,600	0	701,600	50,000	693,800	100,000	689,400	150,000	685,600	200,000
GR	683,800	244,000	680,300	247,000	780,000	250,000	680,500	253,000	683,800	255,000
GR	684,300	300,000	684,600	350,000	684,600	380,000	684,400	385,000	685,400	400,000
GR	689,800	450,000	699,400	500,000	-0	-0	-0	-0	-0	-0
X1	50,000	17,000	97,000	105,000	1400,000	1400,000	1400,000	-0	-0	-0
GR	728,700	0	725,700	40,000	717,400	50,000	706,300	97,000	702,200	98,000
GR	702,000	100,000	703,100	102,000	704,600	105,000	705,200	150,000	708,400	200,000
GR	708,500	250,000	707,900	300,000	708,600	346,000	708,300	348,000	709,400	350,000
GR	712,300	400,000	720,200	450,000	-0	-0	-0	-0	-0	-0
EJ	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0

12609

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS D-3 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL. OF ROADWAY	MAY FL. OF LOW CHORD	MIN EL. GROUND	DISCHARGE (CFS)	CWSEL	TQ	EQ	TOPWID	STENCI	STENCH	VCH
218.95	-0	0	0	661.50	1050.00	669.62	150.09	669.71	260.01	0	0	3.14
218.95	-0	0	0	661.50	1050.00	670.62	150.57	670.75	90.79	226.00	325.79	3.39
4.00	650.00	0	0	664.40	1050.00	671.49	240.72	671.51	438.22	0	0	1.81
4.00	650.00	0	0	664.40	1050.00	672.51	245.78	672.55	213.51	90.50	335.01	2.02
5.50	150.00	0	0	664.40	1050.00	671.29	33.89	673.57	19.00	0	0	12.13
5.50	150.00	0	0	664.40	1050.00	672.22	40.84	673.70	19.00	292.00	311.00	10.04
6.50	100.00	0	0	666.30	1050.00	674.45	51.04	676.24	12.00	0	0	10.74
6.50	100.00	0	0	666.30	1050.00	675.39	49.41	676.83	12.00	294.00	306.00	9.63
8.00	150.00	0	0	666.70	1050.00	676.62	504.03	676.63	281.01	0	0	1.23
8.00	150.00	0	0	666.70	1050.00	677.21	453.33	677.23	146.80	203.07	349.87	1.43
13.00	500.00	0	0	669.10	1050.00	676.97	275.57	677.00	266.51	0	0	1.96
13.00	500.00	0	0	669.10	1050.00	677.64	239.85	677.70	108.63	250.97	359.00	2.15
22.00	900.00	0	0	673.40	1020.00	679.91	77.30	680.17	220.96	0	0	5.33
22.00	900.00	0	0	673.40	1020.00	681.08	82.79	681.52	50.36	221.98	276.35	5.85
22.15	15.00	0	0	673.40	1020.00	679.72	33.37	681.80	21.00	0	0	11.81
22.15	15.00	0	0	673.40	1020.00	680.81	47.12	682.16	21.00	238.00	250.00	9.35
23.00	85.00	0	0	671.60	1020.00	685.17	31.92	687.45	4.20	0	0	12.12
23.00	85.00	0	0	671.60	1020.00	686.25	35.22	688.21	4.20	205.40	301.60	11.23
27.00	400.00	0	0	675.50	1020.00	687.87	880.56	687.88	284.56	0	0	.84
27.00	400.00	0	0	675.50	1020.00	688.61	853.25	688.62	162.73	202.72	365.45	.91
34.00	700.00	0	0	680.30	900.00	688.35	283.33	688.07	256.80	0	0	.63
34.00	700.00	0	0	680.30	900.00	688.79	264.47	688.83	132.20	231.01	368.71	.71
50.00	1600.00	0	0	702.00	900.00	706.68	30.15	707.52	77.75	0	0	8.81
50.00	1600.00	0	0	702.00	900.00	707.47	28.09	709.12	27.25	97.00	124.25	10.15

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL - WSFLK	TOPWID	T.S. DIFF	LENGTH
218.950	1050.000	669.620	0	0	0	260.010	0	-0
218.950	1050.000	670.620	1.000	0	0	99.787	160.227	-0
4.000	1050.000	671.487	0	1.867	0	438.210	0	650.000
4.000	1050.000	672.511	1.024	1.891	0	213.504	224.713	650.000
5.500	1050.000	671.284	0	-.201	0	19.000	0	150.000
5.500	1050.000	672.223	.937	-.288	0	19.000	0	150.000
6.500	1050.000	674.450	0	3.160	0	12.000	0	100.000
6.500	1050.000	675.387	.937	3.164	0	12.000	0	100.000
8.000	1050.000	676.618	0	2.167	0	281.011	0	150.000
8.000	1050.000	677.206	.588	1.819	0	146.802	134.200	150.000
13.000	1050.000	676.967	0	.349	0	266.505	0	500.000

12616

13.000	1050.000	677.638	.671	.432	0	108.030	158.476	500.000
22.000	1020.000	679.905	0	2.938	0	229.961	0	900.000
22.000	1020.000	681.084	1.179	3.446	0	54.360	175.600	900.000
22.150	1020.000	679.723	0	-.182	0	21.000	0	15.000
22.150	1020.000	680.806	1.083	-.278	0	21.001	-.001	15.000
23.000	1020.000	685.169	0	5.447	0	6.200	0	85.000
23.000	1020.000	686.253	1.083	5.447	0	6.200	0	85.000
27.000	1020.000	687.869	0	2.700	0	284.562	0	400.000
27.000	1020.000	688.606	.737	2.353	0	162.730	121.828	400.000
34.000	900.000	688.048	0	.179	0	256.797	0	700.000
34.000	900.000	688.790	.746	.188	0	132.190	124.598	700.000
50.000	900.000	706.682	0	18.633	0	77.768	0	1600.000
50.000	900.000	707.473	.791	18.678	0	27.253	50.511	1600.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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1	0	0	25.707	0
2	4.000	.523	12.300	-14.407

 HEC2 VERSION UPDATED JAN 1976
 ERROR CORRECTION 01,02,03,04,05,06,07,0A,09
 MODIFICATIONS 52,53,54,55,56,57,5A

Floodway

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIP D-4 100-YR 0

J1	ICHECK	IND	NTM	INDP	STRT	METRIC	AVINS	Q	WSEI	FO
	0.	0.	0.	0.	0.	0.	0.	0.	670,500	0.
J2	NPROF	IPLD1	PPFVS	XSECV	XSECH	FN	ALLOD	TRV	CHM1	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	0,060	0,060	0,040	0,100	0,300	0.	0.	0.	0.	0.
QT	5,000	450,000	1110,000	1310,000	1310,000	1700,000	0.	0.	0.	0.
ET	0.	0.	0.	0.	7,400	0.	0.	0.	0.	0.
X1	3,000	21,000	345,000	356,000	0.	0.	0.	0.	0.	0.
GR	690,000	0.	685,000	70,000	690,000	100,000	675,000	140,000	672,800	200,000
GR	672,100	250,000	671,400	300,000	671,700	320,000	675,200	320,500	671,500	321,000
GR	647,900	345,000	666,100	347,000	645,700	350,000	646,000	453,000	671,800	356,000
X1	43,000	13,000	245,000	257,000	980,000	980,000	980,000	0.	0.	0.
GR	710,300	0.	704,400	50,000	699,400	100,000	695,900	150,000	693,800	200,000
GR	694,800	245,000	691,000	247,000	690,400	250,000	689,900	253,000	695,000	257,000
GR	695,500	300,000	698,000	325,000	706,600	350,000	0.	0.	0.	0.
X1	55,000	14,000	243,000	291,000	800,000	800,000	800,000	0.	0.	0.
GR	719,400	0.	714,900	50,000	709,400	100,000	706,000	150,000	704,500	200,000
GR	705,400	243,000	701,100	247,000	700,500	250,000	700,800	253,000	704,900	255,000
GR	705,400	266,000	712,200	291,000	712,500	300,000	714,000	350,000	0.	0.
QT	5,000	210,000	375,000	440,000	440,000	580,000	0.	0.	0.	0.
X1	71,000	14,000	244,000	253,000	1600,000	1600,000	1600,000	0.	0.	0.
GR	748,600	0.	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000
GR	732,700	200,000	727,200	244,000	723,400	248,000	723,200	250,000	723,000	252,000
GR	726,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000	739,200	400,000
GR	745,000	510,000	0.	0.	0.	0.	0.	0.	0.	0.
X1	72,250	0.	0.	0.	125,000	125,000	125,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	727,400	727,400	0.
SR	0.	1,500	3,000	200,000	3,140	0.	12,600	0.	0.	0.
X1	72,750	22,000	198,000	202,000	50,000	50,000	50,000	0.	0.	0.
X2	0.	0.	1,000	727,400	704,400	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	744,900	744,900	0.
GR	748,600	0.	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000
GR	733,700	190,000	725,400	198,000	720,000	198,600	723,400	200,000	724,000	201,400
GR	725,400	202,000	731,400	210,000	727,200	244,000	723,400	248,000	723,200	250,000
GR	723,000	252,000	726,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000
GR	739,200	400,000	745,000	510,000	0.	0.	0.	0.	0.	0.
X1	73,000	10,000	146,000	154,000	25,000	25,000	25,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	744,400	744,400	0.
GR	746,500	0.	736,400	50,000	733,000	100,000	728,900	146,000	727,500	148,000

7.4

Floodway

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

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIP 0-4 100-YR 0

J1	ICHECK	IND	NTINV	IDIP	STRT	REFRIC	RVINS	Q	WSEI	FD
	0.	4.	0.	0.	0.	0.	0.	0.	670.500	0.
J2	NPROF	IPL01	PPFVS	XSECV	XSECH	FH	ALLUC	TAM	CHUM	ITRAC
	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	0.060	0.060	0.000	0.100	0.300	0.	0.	0.	0.	0.
QT	5.000	650.000	1110.000	1310.000	1310.000	1700.000	0.	0.	0.	0.
ET	0.	0.	0.	0.	7.400	0.	0.	0.	0.	0.
X1	3.000	21.000	345.000	350.000	0.	0.	0.	0.	0.	0.
GR	690.000	0.	625.000	70.000	680.000	100.000	675.000	140.000	672.800	200.000
GR	672.100	250.000	671.400	300.000	671.700	320.000	675.200	320.500	671.500	321.000
GR	667.900	345.000	666.100	347.000	665.700	350.000	666.000	353.000	671.400	356.000
GR	672.600	400.000	676.900	439.000	679.900	450.000	680.700	457.000	682.100	500.000
GR	685.200	550.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	13.000	13.000	140.000	157.000	1000.000	1000.000	1000.000	0.	0.	0.
GR	687.200	0.	682.000	72.000	680.800	50.000	678.000	100.000	675.300	140.000
GR	668.600	147.000	668.800	150.000	669.400	153.000	676.400	157.000	681.600	180.000
GR	682.000	200.000	682.700	250.000	685.900	300.000	0.	0.	0.	0.
NC	0.100	0.100	0.060	0.100	0.300	0.	0.	0.	0.	0.
X1	20.700	15.000	240.000	257.000	770.000	770.000	770.000	0.	0.	0.
GR	695.200	0.	693.300	50.000	689.700	100.000	684.100	128.000	683.400	150.000
GR	681.300	200.000	680.300	240.000	674.100	245.000	673.600	250.000	672.300	254.000
GR	678.800	257.000	680.500	300.000	680.000	350.000	683.200	400.000	683.600	450.000
X1	21.000	0.	0.	0.	30.000	30.000	30.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	785.800	785.800	0.
SR	1.250	1.500	3.000	200.000	13.000	1.000	84.000	0.	0.	0.
X1	21.700	20.000	243.000	256.000	70.000	70.000	70.000	0.	0.	0.
X2	0.	0.	1.000	685.800	688.200	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	688.700	688.700	0.
GR	695.200	0.	693.300	50.000	689.700	100.000	684.100	128.000	683.400	150.000
GR	681.300	200.000	680.300	240.000	682.300	243.000	678.800	243.000	678.800	249.000
GR	682.300	200.000	682.300	250.000	678.800	250.000	678.800	256.000	682.300	256.000
GR	678.800	260.000	680.500	300.000	680.000	350.000	683.200	400.000	683.600	500.000
X1	22.900	18.000	242.000	259.000	120.000	120.000	120.000	0.	0.	0.
GR	701.000	0.	699.300	50.000	695.000	100.000	690.700	135.000	686.100	225.000
GR	682.600	233.000	680.400	242.000	678.200	244.000	677.100	250.000	678.100	256.000
GR	680.600	259.000	681.200	300.000	680.900	350.000	684.800	400.000	690.500	450.000
GR	693.000	500.000	698.200	550.000	703.800	600.000	0.	0.	0.	0.
QT	5.000	560.000	980.000	1160.000	1160.000	1490.000	0.	0.	0.	0.

GR	699,400	0.	699,600	15,000	699,300	30,000	700,000	40,000	692,700	50,000
GR	690,200	100,000	686,800	136,000	682,400	140,000	682,200	150,000	682,400	140,000
GR	688,700	162,000	692,200	149,000	691,400	188,000	692,000	204,000	691,300	222,000
GR	696,700	250,000	701,000	300,000	0.	0.	0.	0.	0.	0.
X1	32,500	0.	0.	0.	30,000	30,000	30,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	690,500	690,500	0.
SR	1,250	1,500	3,000	0.	13,000	1,000	56,500	0.	0.	0.
X1	33,100	26,000	143,100	156,900	40,000	40,000	40,000	0.	0.	0.
X2	0.	0.	1,000	690,200	693,200	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	693,700	693,700	0.
BT	18,000	0.	701,300	0.	50,000	697,300	0.	100,000	694,700	0.
BT	140,000	693,500	0.	143,100	693,200	687,400	143,500	693,200	689,400	146,000
BT	693,200	690,200	148,000	693,200	689,400	148,900	693,200	687,400	151,100	693,200
BT	687,600	151,900	693,200	689,700	154,000	693,200	690,500	156,000	693,200	689,700
BT	156,900	693,200	687,600	160,000	693,200	0.	204,000	693,000	0.	250,000
BT	694,400	0.	350,000	702,700	0.	0.	0.	0.	0.	0.
GR	699,400	0.	699,600	15,000	699,300	30,000	700,000	40,000	692,700	50,000
GR	690,200	100,000	686,800	136,000	682,400	140,000	687,400	143,100	685,300	143,900
GR	684,500	146,000	685,300	148,000	687,400	148,900	687,600	151,100	685,600	151,900
GR	684,800	154,000	685,600	156,000	687,600	156,900	682,400	140,000	688,700	142,000
GR	692,200	169,000	691,400	188,000	692,000	204,000	691,300	222,000	696,700	250,000
GR	701,000	350,000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.050	0.050	0.060	0.100	0.300	0.	0.	0.	0.	0.
X1	33,200	15,000	142,000	155,000	10,000	10,000	10,000	0.	0.	0.
GR	699,400	0.	692,800	50,000	689,700	100,000	687,500	142,000	685,100	147,000
GR	685,000	150,000	684,400	153,000	686,900	155,000	693,000	173,000	692,400	188,000
GR	692,500	204,000	692,000	218,000	693,700	250,000	697,100	300,000	703,700	350,000
QT	5,000	500,000	950,000	1110,000	1110,000	1420,000	0.	0.	0.	0.
X1	43,000	13,000	245,000	257,000	980,000	980,000	980,000	0.	0.	0.
GR	710,300	0.	704,400	50,000	699,400	100,000	695,900	150,000	693,800	200,000
GR	694,800	245,000	691,000	247,000	690,400	250,000	689,900	253,000	695,000	257,000
GR	695,500	300,000	698,000	325,000	706,600	350,000	0.	0.	0.	0.
X1	55,000	14,000	243,000	291,000	800,000	800,000	800,000	0.	0.	0.
GR	719,400	0.	714,400	50,000	709,400	100,000	706,000	150,000	704,500	200,000
GR	705,400	243,000	701,100	247,000	700,500	250,000	700,800	253,000	704,900	255,000
GR	705,400	265,000	712,200	291,000	712,500	300,000	714,000	350,000	0.	0.
QT	5,000	210,000	375,000	440,000	440,000	580,000	0.	0.	0.	0.
X1	71,000	16,000	244,000	253,000	1600,000	1600,000	1600,000	0.	0.	0.
GR	748,600	0.	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000
GR	732,700	200,000	727,200	244,000	723,400	248,000	723,200	250,000	723,000	252,000
GR	726,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000	739,200	400,000
GR	745,000	510,000	0.	0.	0.	0.	0.	0.	0.	0.
X1	72,250	0.	0.	0.	125,000	125,000	125,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	727,400	727,400	0.
SR	0.	1,500	3,000	200,000	3,140	0.	12,600	0.	0.	0.
X1	72,750	22,000	198,000	202,000	50,000	50,000	50,000	0.	0.	0.
X2	0.	0.	1,000	727,400	744,400	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	744,900	744,900	0.
GR	748,600	0.	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000
GR	733,700	190,000	725,400	198,000	720,000	198,600	723,400	200,000	724,000	201,400
GR	725,400	207,000	731,400	210,000	727,200	244,000	723,400	248,000	723,200	250,000
GR	723,000	252,000	726,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000
GR	739,200	400,000	745,000	510,000	0.	0.	0.	0.	0.	0.
X1	73,000	10,000	140,000	154,000	25,000	25,000	25,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	744,400	744,400	0.
GR	746,500	0.	736,400	50,000	733,000	100,000	728,900	146,000	727,500	148,000

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIP 0-4		FLOODWAY											
SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	OF	MAX EL OF LOW CHOP	MIN FL OF GROUND	DISCHARGE (CFS)	CWSFL	TO	EG	TOPWID	STFNCL	STENCR	VCH
3.00	0.	0.	0.	0.	665.70	1310.00	672.89	138.51	673.62	203.73	0.355	0.	9.32
3.00	0.	0.	0.	0.	665.70	1310.00	672.79	100.45	674.04	19.74	315.59	356.00	12.17
13.00	1000.00	0.	0.	0.	668.40	1310.00	679.00	195.32	679.20	77.57	0.150	0.	7.90
13.00	1000.00	0.	0.	0.	668.40	1310.00	680.06	221.70	681.15	26.85	130.15	157.00	7.01
20.70	770.00	0.	0.	0.	672.90	1310.00	682.93	214.30	683.01	230.64	0.250	0.	4.73
20.70	770.00	0.	0.	0.	672.90	1310.00	683.65	221.97	683.88	95.33	238.13	333.47	4.89
21.00	30.00	0.	0.	0.	672.90	1310.00	681.63	73.01	683.88	17.00	0.	0.	12.05
21.00	30.00	0.	0.	0.	672.90	1310.00	682.93	94.90	684.89	17.00	240.00	257.00	10.03
21.70	70.00	0.	0.	0.	678.80	1310.00	686.16	87.32	689.30	13.00	0.250	0.	14.22
21.70	70.00	0.	0.	0.	678.80	1310.00	687.05	60.92	689.70	13.00	243.00	256.00	12.02
22.90	120.00	0.	0.	0.	677.10	1310.00	689.67	1024.35	689.68	287.46	0.250	0.	1.50
22.90	120.00	0.	0.	0.	677.10	1310.00	689.98	972.20	690.00	154.39	235.81	390.20	1.41
32.20	930.00	0.	0.	0.	682.20	1160.00	689.70	103.71	690.26	58.71	0.150	0.	6.17
32.20	930.00	0.	0.	0.	682.20	1160.00	690.03	137.22	690.63	26.00	136.00	162.00	6.26
32.50	30.00	0.	0.	0.	682.20	1160.00	689.85	133.51	690.49	26.00	0.	0.	6.42
32.50	30.00	0.	0.	0.	682.20	1160.00	690.27	104.55	690.84	26.00	136.00	162.00	6.05
33.10	60.00	0.	0.	0.	682.40	1160.00	690.34	303.60	694.39	190.00	0.150	0.	2.74
33.10	60.00	0.	0.	0.	682.40	1160.00	690.76	328.43	694.53	107.45	83.75	191.20	2.96
33.20	10.00	0.	0.	0.	684.00	1160.00	690.35	560.51	694.00	221.40	0.150	0.	2.00
33.20	10.00	0.	0.	0.	684.00	1160.00	690.77	500.47	694.84	109.44	78.66	188.11	2.14
43.00	980.00	0.	0.	0.	689.90	1110.00	695.76	69.37	696.04	149.40	0.250	0.	8.39
43.00	980.00	0.	0.	0.	689.90	1110.00	696.32	58.73	697.69	04.82	212.17	257.00	10.10
55.00	800.00	0.	0.	0.	700.50	1110.00	707.01	121.80	707.27	136.70	0.265	0.	4.23
55.00	800.00	0.	0.	0.	700.50	1110.00	707.93	135.17	708.28	73.72	201.58	291.00	4.30
71.00	1600.00	0.	0.	0.	723.00	440.00	726.18	20.50	726.64	77.27	0.250	0.	5.93
71.00	1600.00	0.	0.	0.	723.00	440.00	727.03	22.02	727.84	37.88	244.00	282.06	7.68
72.25	125.00	0.	0.	0.	723.00	440.00	727.02	87.76	727.51	86.99	0.	0.	2.08
72.25	125.00	0.	0.	0.	723.00	440.00	728.43	103.16	728.53	55.76	244.00	299.74	2.01
72.75	50.00	0.	0.	0.	720.00	440.00	740.28	41.34	744.70	4.00	0.200	0.	5.17
72.75	50.00	0.	0.	0.	720.00	440.00	745.29	43.69	745.67	4.00	198.00	202.00	4.93
73.00	25.00	0.	0.	0.	727.20	440.00	744.74	3464.58	744.74	229.20	0.150	0.	0.19
73.00	25.00	0.	0.	0.	727.20	440.00	745.71	3702.99	745.71	162.08	50.88	212.97	0.19
83.00	1000.00	0.	0.	0.	743.30	440.00	749.01	35.83	749.51	85.84	0.100	0.	6.42
83.00	1000.00	0.	0.	0.	743.30	440.00	749.58	24.78	750.20	62.93	98.00	172.76	7.22

SECTION NUMBER	DISCHARGE CFS	CWSFL	CWSFL DIFF EACH	CWSFL DIFF EACH SECTION	CWSFL-WSEIK	TOPWID	T.W. DIFF	LENGTH
3.000	1310.000	672.894	0.	0.	0.	203.728	0.	0.
3.000	1310.000	672.790	-0.104	0.	0.	39.739	163.988	0.

13,000	1310,000	679,000	0.	6,106	0.	77,575	0.	1000,000
13,000	1310,000	680,463	1.464	7,673	0.	26,850	50,725	1000,000
20,700	1310,000	682,830	0.	3,831	0.	230,657	0.	770,000
20,700	1310,000	683,653	0.823	3,190	0.	95,314	135,323	770,000
21,000	1310,000	681,630	0.	-1,200	0.	17,000	0.	30,000
21,000	1310,000	682,927	1.297	-0,727	0.	17,000	0.	30,000
21,700	1310,000	686,157	0.	4,527	0.	13,000	0.	70,000
21,700	1310,000	687,454	1.297	4,527	0.	13,000	0.	70,000
22,900	1310,000	689,666	0.	3,509	0.	287,444	0.	120,000
22,900	1310,000	689,978	0.312	2,525	0.	154,385	133,079	120,000
32,200	1160,000	689,700	0.	0,034	0.	58,713	0.	930,000
32,200	1160,000	690,025	0.325	0,007	0.	26,001	32,712	930,000
32,500	1160,000	689,854	0.	0,153	0.	26,000	0.	30,000
32,500	1160,000	690,273	0.419	0,208	0.	26,000	0.	30,000
33,100	1160,000	694,338	0.	4,484	0.	189,995	0.	60,000
33,100	1160,000	694,757	0.419	4,484	0.	107,454	82,542	60,000
33,200	1160,000	694,354	0.	0,016	0.	221,396	0.	10,000
33,200	1160,000	694,774	0.419	0,017	0.	109,404	111,952	10,000
43,000	1110,000	695,764	0.	1,410	0.	149,400	0.	980,000
43,000	1110,000	696,315	0.552	1,502	0.	44,825	104,576	980,000
55,000	1110,000	707,012	0.	11,248	0.	136,696	0.	800,000
55,000	1110,000	707,929	0.917	11,614	0.	73,715	42,981	800,000
71,000	440,000	726,184	0.	19,172	0.	77,274	0.	1600,000
71,000	440,000	727,027	0.843	19,098	0.	37,881	39,393	1600,000
72,250	440,000	727,421	0.	1,237	0.	86,989	0.	125,000
72,250	440,000	728,431	1.011	1,405	0.	55,760	31,230	125,000
72,750	440,000	744,282	0.	16,862	0.	4,000	0.	50,000
72,750	440,000	745,293	1.011	16,862	0.	4,001	-0,001	50,000
73,000	440,000	744,718	0.	0,456	0.	229,286	0.	25,000
73,000	440,000	745,709	0.970	0,415	0.	162,081	67,205	25,000
83,000	440,000	749,012	0.	4,273	0.	85,803	0.	1000,000
83,000	440,000	749,582	0.571	3,874	0.	42,926	22,917	1000,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENG	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	25,007	0.
2	4,000	0.486	11,870	-13,227

10.4

0

Floodway

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

T1 GASTONIA M C
 T2 FLOOD INSURANCE
 T3 TRTB D=4 100-YR W

J1	ICHECK	INC	NINW	IDIR	STRT	METRIC	WVINS	D	WSEL	FG
	0	4	0	0	0	0	0	0	470,500	-0
J2	UNPROF	TRTOT	PREVS	YSECV	YSECH	FN	ALLOD	IRW	CHNTM	YTRAC
	1,000	-0	-0	-0	-0	-0	-0	-0	-0	-0
J3	1,000	34,000	3,000	8,000	27,000	22,000	26,000			
NC	.060	.060	.040	.100	.300	-0	-0			
QT	5,000	650,000	1110,000	1310,000	1310,000	1700,000				
ET	-0	-0	-0	-0	-0	10,400	-0			
X1	3,000	21,000	245,000	356,000						
GR	690,000	0	685,000	30,000	680,000	100,000	475,000	150,000	472,800	200,000
GR	672,100	250,000	671,400	300,000	671,700	320,000	475,200	320,500	471,500	321,000
GR	667,900	305,000	666,100	307,000	665,700	350,000	666,000	353,000	671,800	356,000
GR	672,600	400,000	676,900	430,000	670,900	450,000	660,700	457,000	682,100	500,000
GR	685,200	550,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	13,000	13,000	140,000	157,000	1000,000	1000,000	1000,000			
GR	687,200	0	682,000	22,000	680,800	50,000	678,600	100,000	675,300	140,000
GR	668,600	147,000	668,800	150,000	669,400	153,000	676,400	157,000	681,600	180,000
GR	682,000	200,000	682,700	250,000	685,900	300,000	-0	-0	-0	-0
NC	.100	.100	.060	.100	.300	-0	-0	-0	-0	-0
X1	20,700	15,000	240,000	257,000	770,000	770,000	770,000			
GR	695,200	0	693,300	50,000	689,700	100,000	684,100	128,000	683,400	150,000
GR	681,300	200,000	680,300	240,000	674,100	246,000	673,600	250,000	672,900	254,000
GR	678,800	257,000	680,500	300,000	680,000	350,000	683,200	400,000	693,600	450,000
X1	21,000	-0	-0	-0	30,000	30,000	30,000			
X3	10,000	-0	-0	-0	-0	-0	-0	785,800	785,800	-0
SB	1,250	1,500	3,000	200,000	13,000	1,000	84,000	0	-0	-0
X1	21,700	20,000	243,000	256,000	70,000	70,000	70,000			
X2	-0	-0	1,000	685,800	688,200	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	488,700	488,700	-0
GR	695,200	0	693,300	50,000	689,700	100,000	684,100	128,000	683,400	150,000
GR	681,300	200,000	680,300	240,000	682,300	243,000	678,800	243,000	678,800	249,000
GR	682,300	249,000	682,300	250,000	678,800	250,000	678,800	256,000	682,300	256,000
GR	678,800	240,000	680,500	300,000	680,000	350,000	683,200	400,000	693,600	500,000
X1	27,900	18,000	242,000	259,000	120,000	120,000	120,000			
GR	701,000	0	699,300	50,000	695,000	100,000	690,700	135,000	686,100	225,000
GR	682,600	233,000	680,400	242,000	678,200	244,000	677,100	250,000	678,100	256,000
GR	680,600	259,000	681,200	300,000	680,900	350,000	684,800	400,000	690,500	450,000
GR	693,000	500,000	698,200	550,000	703,800	600,000	-0	-0	-0	-0
QT	5,000	560,000	980,000	1160,000	1160,000	1490,000	-0	-0	-0	-0

X1	32,200	17,000	136,000	152	162,000	930,000	930,000	930,000	-0	-0	-0
GR	699,400	0	690,600	15,000	699,300	30,000	700,000	40,000	692,700	50,000	
GR	690,200	100,000	686,800	136,000	682,400	140,000	682,200	150,000	682,400	160,000	
GR	688,700	162,000	692,200	169,000	691,400	188,000	692,000	204,000	691,300	222,000	
GR	696,700	250,000	701,000	300,000	-0	-0	-0	-0	-0	-0	

X1	32,500	-0	-0	-0	30,000	30,000	30,000	-0	-0	-0	
X3	10,000	-0	-0	-0	-0	-0	-0	490,500	490,500	-0	
SB	1,250	1,500	3,000	0	13,000	1,000	56,500	0	-0	-0	

X1	33,100	24,000	143,100	152	156,900	60,000	60,000	60,000	-0	-0	-0
X2	-0	-0	1,000	-0	690,200	693,200	-0	-0	-0	-0	
X3	10,000	-0	-0	-0	-0	-0	-0	493,700	493,700	-0	
BT	18,000	0	701,300	-0	50,000	497,300	-0	100,000	494,700	-0	
BT	140,000	693,500	-0	143,100	493,200	487,400	143,900	493,200	489,400	146,000	
BT	693,200	690,200	148,000	493,200	489,400	148,900	493,200	487,400	151,100	493,200	
BT	687,600	151,900	493,200	489,700	154,000	493,200	490,500	156,000	493,200	489,700	
BT	156,900	693,200	487,600	160,000	493,200	-0	204,000	493,000	-0	250,000	
BT	694,400	-0	350,000	702,700	-0	-0	-0	-0	-0	-0	
GR	699,400	0	699,600	15,000	699,300	30,000	700,000	40,000	692,700	50,000	
GR	690,200	100,000	686,800	136,000	682,400	140,000	687,400	143,100	685,300	143,900	
GR	684,500	146,000	685,300	148,000	687,400	148,900	687,600	151,100	685,600	151,900	
GR	684,800	154,000	685,600	154,000	687,600	156,900	682,400	160,000	688,700	162,000	
GR	692,200	169,000	691,000	188,000	692,000	204,000	691,300	222,000	696,700	250,000	
GR	701,000	350,000	-0	-0	-0	-0	-0	-0	-0	-0	
NC	.050	.050	.060	.100	.300	-0	-0	-0	-0	-0	

X1	33,200	15,000	142,000	152	155,000	10,000	10,000	10,000	-0	-0	-0
GR	699,400	0	692,800	50,000	689,700	100,000	687,500	142,000	685,100	147,000	
GR	685,000	150,000	684,400	153,000	686,900	155,000	693,000	173,000	692,400	188,000	
GR	692,500	204,000	692,000	218,000	693,700	250,000	697,100	300,000	703,700	350,000	
BT	5,000	540,000	950,000	1110,000	1110,000	1040,000	-0	-0	-0	-0	

X1	43,000	13,000	245,000	257,000	980,000	980,000	980,000	-0	-0	-0	
GR	710,300	0	700,400	50,000	699,400	100,000	695,900	150,000	692,800	200,000	
GR	694,900	205,000	791,800	297,000	690,400	250,000	689,900	253,000	695,000	257,000	
GR	695,500	300,000	698,000	325,000	706,400	350,000	-0	-0	-0	-0	

X1	55,000	14,000	243,000	291,000	900,000	900,000	900,000	-0	-0	-0	
GR	710,400	0	710,900	50,000	709,400	100,000	706,000	150,000	704,500	200,000	
GR	705,400	243,000	701,100	247,000	700,500	250,000	700,800	253,000	704,900	255,000	
GR	705,400	266,000	712,200	291,000	712,500	300,000	714,000	350,000	-0	-0	
BT	5,000	210,000	375,000	440,000	440,000	540,000	-0	-0	-0	-0	

X1	71,000	16,000	244,000	253,000	1400,000	1400,000	1400,000	-0	-0	-0	
GR	748,600	0	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000	
GR	732,700	200,000	727,200	244,000	723,400	248,000	723,200	250,000	723,000	252,000	
GR	726,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000	739,200	400,000	
GR	745,000	510,000	-0	-0	-0	-0	-0	-0	-0	-0	

X1	72,250	-0	-0	-0	125,000	125,000	125,000	-0	-0	-0	
X3	10,000	-0	-0	-0	-0	-0	-0	727,400	727,400	-0	
SB	0	1,500	3,000	200,000	3,140	0	12,600	0	-0	-0	

X1	72,750	22,000	198,000	202,000	50,000	50,000	50,000	-0	-0	-0	
X2	-0	-0	1,000	727,400	744,400	-0	-0	-0	-0	-0	
X3	10,000	-0	-0	-0	-0	-0	-0	744,900	744,900	-0	
GR	748,600	0	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000	
GR	733,700	190,000	725,400	198,000	720,000	108,600	723,400	200,000	724,000	201,400	
GR	725,400	202,000	731,400	210,000	727,200	244,000	723,400	248,000	723,200	250,000	
GR	723,000	252,000	724,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000	
GR	739,200	400,000	745,000	510,000	-0	-0	-0	-0	-0	-0	

X1	73,000	10,000	146,000	154,000	25,000	25,000	25,000	-0	-0	-0	
X3	10,000	-0	-0	-0	-0	-0	-0	744,400	744,400	-0	

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

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB D-4 FLOODWAY

J1	TCHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	D	WSFL	FQ
	=0	5.	=0	=0	=0	=0	=0	=0	471.500	=0
J2	NPROF	TPLOT	PREVS	YSECV	XSECH	FN	ALLDC	IR*	CWNIM	ITRACE
	15,000	=0	=0	=0	=0	=0	=0	=0	=0	=0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB D-4 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	TD	EG	TOPWID	STENCL	STENCR	VCH
3.00		0	0	665.70	1310.00	672.89	138.51	673.62	203.73	0	350	9.32
3.00		0	0	665.70	1310.00	672.71	95.58	674.60	31.35	324.64	356.00	12.72
13.00	1000.00	0	0	668.60	1310.00	679.00	195.31	679.80	77.57	0	150	7.90
13.00	1000.00	0	0	668.60	1310.00	681.05	213.05	681.90	18.53	138.47	157.00	7.40
20.70	770.00	0	0	672.90	1310.00	682.83	214.34	683.01	230.66	0	250	4.73
20.70	770.00	0	0	672.90	1310.00	684.40	235.45	684.60	77.94	240.00	317.95	4.38
21.00	30.00	0	0	672.90	1310.00	681.63	73.01	683.88	17.00	0	0	12.05
21.00	30.00	0	0	672.90	1310.00	683.84	111.84	685.09	17.00	240.00	257.00	8.97
21.70	70.00	0	0	678.80	1310.00	686.14	47.32	689.30	13.00	0	250	16.22
21.70	70.00	0	0	678.80	1310.00	688.34	71.00	690.10	13.00	243.00	256.00	10.84
22.90	120.00	0	0	677.10	1310.00	689.67	1024.35	689.68	287.46	0	250	1.50
22.90	120.00	0	0	677.10	1310.00	690.42	1004.08	690.44	143.74	240.30	384.04	1.50 D
32.20	930.00	0	0	682.20	1160.00	689.70	143.71	690.26	58.71	0	150	6.17
32.20	930.00	0	0	682.20	1160.00	690.48	150.97	691.02	24.00	136.00	162.00	5.89 E
32.50	30.00	0	0	682.20	1160.00	689.85	133.51	690.40	24.00	0	0	6.42
32.50	30.00	0	0	682.20	1160.00	690.62	157.11	691.19	24.00	136.00	162.00	5.73
33.10	60.00	0	0	682.40	1160.00	694.34	343.60	694.30	190.00	0	150	2.74
33.10	60.00	0	0	682.40	1160.00	695.17	334.41	695.20	87.72	93.25	180.97	2.90
33.20	10.00	0	0	684.40	1160.00	694.35	560.61	694.40	221.40	0	150	2.00
33.20	10.00	0	0	684.40	1160.00	695.19	556.53	695.25	84.75	87.44	174.21	2.14 F
43.00	980.00	0	0	689.90	1110.00	695.74	69.37	696.40	140.40	0	250	8.20
43.00	980.00	0	0	689.90	1110.00	696.66	58.86	698.19	35.81	221.19	257.00	10.42 G
55.00	800.00	0	0	700.50	1110.00	707.01	121.80	707.27	134.70	0	265	4.23
55.00	800.00	0	0	700.50	1110.00	708.32	135.96	708.70	60.91	211.84	291.00	4.48
71.00	1600.00	0	0	723.00	440.00	726.18	24.50	726.60	77.27	0	250	5.92
71.00	1600.00	0	0	723.00	440.00	727.41	22.10	728.37	28.18	244.00	272.18	8.15
72.25	125.00	0	0	723.00	440.00	727.42	87.75	727.51	84.99	0	0	2.08
72.25	125.00	0	0	723.00	440.00	728.95	104.81	729.04	44.96	244.00	290.96	2.09
72.75	50.00	0	0	720.00	440.00	744.28	61.30	744.70	0.00	0	250	5.17
72.75	50.00	0	0	720.00	440.00	745.81	40.91	746.17	0.00	198.00	202.00	4.52
73.00	25.00	0	0	727.20	440.00	744.74	3464.56	744.74	220.25	0	150	1.10
73.00	25.00	0	0	727.20	440.00	746.21	3724.26	746.21	148.54	54.74	203.29	1.10
83.00	1000.00	0	0	743.30	440.00	749.01	35.83	749.51	54.84	0	100	6.42
83.00	1000.00	0	0	743.30	440.00	749.94	24.35	750.51	59.93	98.00	157.93	6.94 H
SECTION NUMBER	DISCHARGE CFS	CASEL	CASEL DIFF EACH U	CASEL DIFF EACH SECTION	CASEL-WSEFLK	TOPWID	T.W. DIFF	LENGTH				
3.000	1310.000	672.894	0	0	0	203.720	0	0				

9.000	1310.000	672.711	-.183	0	0	31.350	172.370	-0
13.000	1310.000	679.000	0	6.106	0	77.573	0	1000.000
13.000	1310.000	681.049	2.049	8.338	0	18.528	59.046	1000.000
20.700	1310.000	682.830	0	3.831	0	230.658	0	770.000
20.700	1310.000	684.405	1.575	3.356	0	77.944	152.713	770.000
21.000	1310.000	681.630	0	-1.200	0	17.000	0	30.000
21.000	1310.000	683.837	2.207	-.568	0	17.000	0	30.000
21.700	1310.000	686.157	0	4.527	0	13.000	0	70.000
21.700	1310.000	688.364	2.207	4.527	0	13.000	0	70.000
22.900	1310.000	689.666	0	3.510	0	287.464	0	120.000
22.900	1310.000	690.423	.757	2.059	0	143.737	143.727	120.000
32.200	1160.000	689.700	0	.030	0	58.713	0	930.000
32.200	1160.000	690.484	.784	.062	0	26.001	32.712	930.000
32.500	1160.000	689.854	0	.153	0	26.000	0	30.000
32.500	1160.000	690.685	.831	.200	0	26.001	-.001	30.000
33.100	1160.000	694.338	0	4.480	0	189.995	0	50.000
33.100	1160.000	695.169	.831	4.480	0	87.714	102.279	60.000
33.200	1160.000	694.354	0	.016	0	221.396	0	10.000
33.200	1160.000	695.186	.831	.017	0	86.749	134.647	10.000
43.000	1110.000	695.764	0	1.410	0	149.401	0	980.000
43.000	1110.000	696.556	.892	1.470	0	35.811	113.590	980.000
55.000	1110.000	707.012	0	11.248	0	136.694	0	800.000
55.000	1110.000	708.322	1.310	11.666	0	64.912	71.780	800.000
71.000	440.000	726.184	0	19.172	0	77.273	0	1600.000
71.000	440.000	727.407	1.223	19.085	0	28.181	49.092	1600.000
72.250	440.000	727.421	0	1.237	0	86.980	0	125.000
72.250	440.000	728.949	1.520	1.542	0	46.956	40.033	125.000
72.750	440.000	744.282	0	16.862	0	4.000	0	50.000
72.750	440.000	745.811	1.520	16.862	0	4.001	-.001	50.000
73.000	440.000	744.738	0	.456	0	229.284	0	25.000
73.000	440.000	746.208	1.460	.397	0	108.542	80.744	25.000
83.000	440.000	749.012	0	4.273	0	85.842	0	1000.000
83.000	440.000	749.937	.925	3.729	0	59.927	25.915	1000.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	25.097	0
2	4.000	.586	10.213	-10.280

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIR D-4-1 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOP TO	STENCI	STENCH	VCH
55.00		0	0	700.50	520.00	706.17	51.15	706.35	121.33	0	0	4.10
55.00		0	0	700.50	520.00	707.17	49.11	707.50	32.01	234.50	291.00	5.03
7.00	1100.00	0	0	711.70	520.00	717.90	49.09	718.20	96.40	0	0	5.79
7.00	1100.00	0	0	711.70	520.00	719.05	50.69	719.52	23.03	131.97	155.00	5.74
18.00	1100.00	0	0	724.50	520.00	730.80	46.48	731.32	75.45	0	0	7.07
18.00	1100.00	0	0	724.50	520.00	732.15	44.08	732.83	15.42	138.50	150.00	6.77
22.00	400.00	0	0	730.30	520.00	734.79	61.37	735.07	50.57	0	0	4.26
22.00	400.00	0	0	730.30	520.00	736.05	67.57	736.30	69.01	94.00	184.48	4.42
22.18	18.00	0	0	730.30	520.00	734.67	37.38	735.41	23.02	0	0	6.80
22.18	18.00	0	0	730.30	520.00	736.12	64.25	736.46	26.18	94.00	130.00	4.62
22.20	2.00	741.30	735.40	732.50	520.00	742.28	69.31	742.87	199.55	0	0	5.13
22.20	2.00	741.30	735.40	732.50	520.00	743.80	95.38	745.22	27.20	98.50	120.70	3.13
22.80	60.00	741.30	735.40	732.50	520.00	742.80	141.26	743.05	209.48	0	0	2.80
22.80	60.00	741.30	735.40	732.50	520.00	745.05	263.32	745.32	31.46	98.50	129.96	1.22
22.82	2.00	0	0	737.30	520.00	743.02	166.56	743.02	123.27	0	0	2.39
22.82	2.00	0	0	737.30	520.00	745.37	304.40	745.41	53.18	83.87	137.06	1.66
23.00	18.00	0	0	737.30	520.00	743.00	162.29	743.00	120.07	0	0	2.32
23.00	18.00	0	0	737.30	520.00	745.39	305.98	745.41	53.53	83.73	137.26	1.65
27.00	400.00	0	0	739.60	420.00	746.13	25.11	747.03	40.39	0	0	8.17
27.00	400.00	0	0	739.60	420.00	745.27	15.47	747.30	2.28	246.00	255.00	11.55
30.00	300.00	0	0	746.10	420.00	751.82	32.16	752.36	59.90	0	0	6.72
30.00	300.00	0	0	746.10	420.00	753.33	42.12	753.87	13.22	194.00	207.22	6.02
30.74	74.00	0	0	746.10	420.00	752.70	67.75	752.86	100.59	0	0	4.22
30.74	74.00	0	0	746.10	420.00	754.04	97.41	754.19	30.79	126.61	217.40	3.40
30.74	2.00	752.00	750.80	746.80	420.00	753.89	51.91	754.40	130.98	0	0	5.63
30.76	2.00	752.00	750.80	746.80	420.00	754.71	41.33	755.80	27.49	174.31	202.00	6.52
31.24	48.00	752.00	750.80	746.80	420.00	754.39	99.10	754.52	150.71	0	0	3.24
31.24	48.00	752.00	750.80	746.80	420.00	755.71	117.49	756.01	35.07	126.93	202.00	2.57
31.26	2.00	0	0	752.20	420.00	755.90	24.41	756.64	52.48	0	0	8.10
31.26	2.00	0	0	752.20	420.00	756.13	19.17	757.64	10.22	190.77	205.00	9.96
32.00	74.00	0	0	752.20	420.00	757.23	64.89	757.37	85.18	0	0	3.85
32.00	74.00	0	0	752.20	420.00	758.12	84.63	758.27	30.43	172.51	207.14	3.33
37.30	530.00	0	0	766.60	420.00	769.44	22.05	770.07	56.16	0	0	6.59
37.30	530.00	0	0	766.60	420.00	769.94	19.15	771.25	12.43	126.54	145.00	7.92

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL-WSE/LK	TOPWID	T.W. DIFF	LENGTH
55.000	520.000	706.170	0	0	0	121.33	0	0

55.000	520.000	707.170	1.000	0	0	38.005	83.325	-0
7.000	520.000	717.900	0	11.730	0	46.397	0	1100.000
7.000	520.000	719.050	1.145	11.880	0	23.020	73.360	1100.000
18.000	520.000	730.799	0	12.895	0	75.450	0	1100.000
18.000	520.000	732.152	1.353	13.103	0	15.410	60.035	1100.000
22.000	520.000	734.787	0	3.988	0	50.568	0	400.000
22.000	520.000	736.052	1.265	3.899	0	69.004	-18.438	400.000
22.180	520.000	734.668	0	-1.119	0	23.020	0	18.000
22.180	520.000	736.125	1.456	.073	0	26.180	-3.160	18.000
22.200	520.000	742.278	0	7.610	0	190.540	0	2.000
22.200	520.000	743.800	1.522	7.675	0	22.197	177.352	2.000
22.800	520.000	742.803	0	.525	0	209.481	0	60.000
22.800	520.000	745.052	2.248	1.252	0	31.461	178.020	60.000
22.820	520.000	743.023	0	.210	0	123.270	0	2.000
22.820	520.000	745.371	2.349	.320	0	53.185	70.085	2.000
23.000	520.000	743.041	0	.018	0	120.068	0	18.000
23.000	520.000	745.377	2.336	.004	0	53.520	70.539	18.000
27.000	420.000	746.126	0	3.085	0	40.384	0	400.000
27.000	420.000	745.266	-0.861	-1.112	0	8.881	31.505	400.000
30.000	420.000	751.878	0	5.752	0	59.905	0	300.000
30.000	420.000	753.335	1.457	8.069	0	13.214	44.680	300.000
30.740	420.000	752.701	0	.820	0	100.593	0	70.000
30.740	420.000	754.040	1.342	.709	0	30.795	69.798	70.000
30.760	420.000	753.893	0	1.191	0	134.980	0	2.000
30.760	420.000	754.715	.822	.671	0	27.684	107.298	2.000
31.240	420.000	754.378	0	.085	0	150.710	0	48.000
31.240	420.000	755.713	1.335	.998	0	35.070	110.636	48.000
31.260	420.000	755.043	0	1.565	0	52.474	0	2.000
31.260	420.000	756.128	.185	.015	0	10.225	38.251	2.000
32.000	420.000	757.235	0	1.292	0	85.187	0	70.000
32.000	420.000	758.122	.887	1.990	0	34.633	50.550	70.000
37.300	420.000	769.454	0	12.221	0	56.150	0	530.000
37.300	420.000	769.941	.485	11.810	0	18.430	37.720	530.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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1	0	0	8.242	0
2	4.000	.605	7.527	-5.715

7.4

Russ (2)

Floodway

 MEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

T1 GASTONIA NC
 T2 FLOOD INSURANCE
 T3 TRIN D=4=1 100-YR U

J1	TCHECK	INC	MINV	TOTR	STRT	METRIC	RVINS	VSPL	FR	
J2	MPROF	IPLOT	PREVS	YSFCV	YSFCH	FR	ALCOC	IRX	CWNTH	TTRACE
J3	1.000	0	0	0	0	0	0	0	706.171	0
NC	0.060	0.060	0.060	0.100	0.300	0	0	0	0	0
OT	5.000	240.000	430.000	520.000	520.000	450.000	0	0	0	0
ET	0	0	0	0	7.400	0	0	0	0	0
X1	55.000	14.000	243.000	291.000	0	0	0	0	0	0
GR	719.400	0	719.000	50.000	700.000	100.000	706.000	150.000	700.500	200.000
GR	705.400	243.000	701.100	247.000	700.500	250.000	700.800	253.000	700.900	255.000
GR	705.400	248.000	712.200	291.000	712.500	300.000	710.000	350.000	0	0
X1	7.000	15.000	145.000	155.000	1100.000	1100.000	1100.000	0	0	0
GR	731.100	0	721.400	50.000	718.200	72.000	717.000	100.000	714.200	145.000
GR	711.700	138.000	711.700	150.000	711.800	152.000	714.200	155.000	720.000	200.000
GR	727.300	250.000	0	0	0	0	0	0	0	0
X1	18.000	13.000	144.000	154.000	1100.000	1100.000	1100.000	0	0	0
GR	741.800	0	734.000	50.000	729.300	100.000	730.700	134.000	727.300	144.000
GR	720.700	148.000	720.600	150.000	724.500	152.000	727.400	154.000	730.700	163.000
GR	733.400	200.000	738.700	250.000	743.900	300.000	0	0	0	0
X1	22.000	10.000	90.000	130.000	400.000	400.000	400.000	0	0	0
GR	747.800	0	744.800	50.000	741.500	94.000	731.000	113.000	730.300	122.000
GR	730.900	122.000	734.400	130.000	734.800	150.000	730.500	200.000	735.700	211.000
GR	731.300	216.000	730.900	220.000	730.400	224.000	735.800	224.000	737.700	250.000
GR	745.300	300.000	0	0	0	0	0	0	0	0
X1	22.180	0	0	0	18.000	18.000	18.000	0	0	0
X3	10.000	0	0	0	0	0	0	735.400	735.400	0
NC	0.020	0.015	0.020	0	0	0	0	0	0	0
X1	22.200	21.000	98.500	101.500	2.000	2.000	2.000	0	0	0
BT	12.000	0	749.100	0	50.000	744.800	0	90.000	742.000	0
BT	98.500	741.300	733.900	98.900	741.300	735.000	100.000	741.300	735.400	101.100
BT	741.300	735.000	101.500	741.300	733.900	110.000	741.300	0	150.000	741.300
BT	0	250.000	744.400	0	300.000	742.500	0	0	0	0
GR	747.800	0	744.800	50.000	741.500	0	733.900	98.500	732.900	98.900
GR	732.500	100.000	732.900	101.100	733.900	101.500	733.900	110.000	735.000	122.000
GR	735.000	122.000	734.400	130.000	735.800	150.000	734.500	200.000	735.700	211.000
GR	735.000	216.000	735.000	220.000	735.000	224.000	735.800	224.000	737.700	250.000
GR	745.300	300.000	0	0	0	0	0	0	0	0

12196

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

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIS D=4=1 FLOODWAY

J1	TCHECK	INC	MINV	IDIR	STPT	METRIC	RVINS	0	XSFL	PI
	.0	5.	.0	.0	.0	.0	.0	.0	707.170	.0
J2	NPRDF	TPLOT	PRFVS	YSECV	YSECH	FN	ALDC	IRW	CNNM	ITRAC
	15.000	.0	.0	.0	.0	.0	.0	.0	.0	.0

12200

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRB Dwg-1 FLOORWAY

SECTION CHANNEL MILEAGE OF MINOR DISCHARGE TO TOPWTD STENCIL STANCR VCM
 NUMBER LENGTH ROADWAY LOW CHORD ROUND (LFS)

SECTION NUMBER	DISCHARGE	CHANNEL MILEAGE	MINOR DISCHARGE TO TOPWTD STENCIL STANCR VCM
55.00	0	700.50	51.15 706.55 121.73
55.00	0	700.50	57.42 707.43 224.24
7.00	0	711.70	48.09 718.21 96.40
7.00	0	711.70	48.43 718.90 30.10
18.00	0	724.50	44.48 731.53 75.45
18.00	0	724.50	49.57 732.64 21.46
22.00	0	730.50	37.34 735.41 23.02
22.18	0	730.50	39.17 736.10 25.20
22.20	0	732.50	69.21 742.67 190.45
22.20	0	732.50	90.73 744.55 24.76
22.20	0	735.40	98.50 127.26 3.00
22.80	0	741.50	101.26 743.05 200.42
22.80	0	741.50	98.50 137.01 1.50
22.82	0	743.50	164.56 743.08 122.27
22.82	0	743.50	283.43 744.72 61.05
23.00	0	743.50	168.29 743.08 120.07
23.00	0	743.50	284.46 744.72 62.41
27.00	0	746.12	25.11 747.02 40.29
27.00	0	746.12	15.46 747.34 4.88
30.00	0	748.10	38.18 752.36 50.00
30.00	0	748.10	45.42 753.21 20.08
30.70	0	749.12	67.75 752.64 100.49
30.70	0	749.12	84.54 753.54 40.16
30.74	0	750.80	51.01 754.40 134.08
30.74	0	750.80	41.15 754.41 34.45
31.24	0	752.00	97.10 754.58 154.71
31.24	0	752.00	114.40 755.02 41.01
31.26	0	752.20	20.41 756.64 50.48
31.26	0	752.20	19.84 757.07 10.84
32.00	0	752.20	64.09 757.37 84.18
32.00	0	752.20	74.84 757.72 44.28
32.00	0	752.20	147.50 213.78 0
37.30	0	749.00	22.05 770.07 54.16
37.30	0	749.00	13.14 770.78 23.74
37.30	0	749.00	121.24 184.00 0
37.30	0	749.00	121.24 184.00 0

55,000	520,000	707,170	1,000	0	0	121,531	0	0
55,000	520,000	707,170	1,000	0	0	48,252	73,078	0
7,000	520,000	717,900	0	11,734	0	94,397	0	1100,000
7,000	520,000	718,405	.500	11,235	0	30,297	56,101	1100,000
18,000	520,000	730,790	0	12,895	0	75,450	0	1100,000
18,000	520,000	732,152	1,352	13,747	0	23,862	51,591	1100,000
22,000	520,000	734,787	0	3,988	0	50,568	0	400,000
22,000	520,000	735,673	.884	3,521	0	86,995	-34,427	400,000
22,180	520,000	734,868	0	0,110	0	23,020	0	18,000
22,180	520,000	735,676	1,000	.003	0	25,190	-2,180	18,000
22,200	520,000	742,278	0	7,610	0	190,540	0	2,000
22,200	520,000	743,400	1,122	7,725	0	28,760	170,780	2,000
22,800	520,000	742,803	0	.525	0	200,081	0	60,000
22,800	520,000	744,384	1,581	.984	0	38,505	170,976	60,000
22,820	520,000	743,023	0	.210	0	123,270	0	2,000
22,820	520,000	744,491	1,468	.304	0	63,050	60,219	2,000
23,000	520,000	743,001	0	.018	0	120,068	0	18,000
23,000	520,000	744,497	1,656	.004	0	63,407	60,661	18,000
27,000	420,000	746,126	0	3,085	0	40,384	0	400,000
27,000	420,000	745,288	.858	.570	0	8,852	31,500	400,000
30,000	420,000	751,878	0	5,752	0	50,905	0	300,000
30,000	420,000	752,812	.934	7,544	0	20,085	30,820	300,000
30,740	420,000	752,701	0	.820	0	100,593	0	70,000
30,740	420,000	753,400	.699	.588	0	40,162	60,431	70,000
30,760	420,000	753,893	0	1,191	0	134,980	0	2,000
30,760	420,000	754,416	.523	1,014	0	34,448	100,534	2,000
31,240	420,000	754,378	0	.885	0	154,716	0	48,000
31,240	420,000	755,334	.954	.918	0	41,010	113,694	48,000
31,260	420,000	754,943	0	1,565	0	52,074	0	2,000
31,260	420,000	755,873	.970	.530	0	10,238	32,637	2,000
32,000	420,000	757,235	0	1,292	0	65,182	0	70,000
32,000	420,000	757,800	.565	1,727	0	44,280	38,903	70,000
37,300	420,000	760,454	0	12,221	0	54,150	0	430,000
37,300	420,000	760,496	.240	12,097	0	23,742	32,414	530,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	0	8,242	0
2	0,000	.490	3,293	0,000	

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

Handwritten signature

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB D-6 100-Y4 W

J1	ICHECK	INC	NINV	TDIR	STRT	METRIC	MVINS	D	WSEL	FR
	0	4	0	0	0	0	0	0	686,750	-0
J2	NPROF	TPLOT	PROFS	XSFCD	YSFCH	FN	ALLDC	IRN	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			
NC	.090	.090	.090	.100	.300					
QT	5,000	380,000	680,000	790,000	790,000	1030,000				
ET	-0	-0	-0	-0	10,400					
X1	261,150	11,000	145,000	175,000					-2,900	
GR	695,000	85,000	685,500	120,000	686,000	105,000	681,000	155,000	681,000	164,000
GR	690,500	175,000	691,000	275,000	692,000	325,000	692,000	335,000	691,000	346,000
GR	695,000	370,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	8,000	12,000	192,000	207,000	800,000	800,000	800,000		-0	-0
GR	692,700	0	690,300	50,000	688,600	100,000	686,700	150,000	687,500	192,000
GR	685,300	194,000	685,000	200,000	684,900	200,000	687,300	207,000	686,400	250,000
GR	686,400	285,000	697,300	300,000	-0	-0	-0	-0	-0	-0
X1	15,000	18,000	340,000	356,000	700,000	700,000	700,000		-0	-0
GR	705,000	0	700,000	100,000	698,400	150,000	697,200	200,000	696,200	250,000
GR	693,800	300,000	693,500	340,000	690,200	340,000	691,000	350,000	690,400	350,000
GR	693,600	356,000	693,100	400,000	693,600	450,000	694,200	480,000	696,400	486,000
GR	696,500	500,000	700,600	550,000	704,200	600,000	-0	-0	-0	-0
X1	15,700	-0	-0	-0	70,000	70,000	70,000		-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	786,900	786,900	-0
NC	.020	.015	.020	-0	-0	-0	-0	-0	-0	-0
X1	15,810	21,000	446,000	450,000	2,000	2,000	2,000		-0	-0
BT	10,000	0	731,300	-0	100,000	730,700	-0	340,000	730,800	-0
BT	446,000	730,800	690,700	446,000	730,800	690,200	450,000	730,800	694,200	450,000
BT	730,200	690,700	400,000	730,800	-0	550,000	730,400	-0	600,000	731,100
BT	0	-0	-0	-0	-0	-0	-0	-0	-0	-0
GR	705,000	0	700,000	100,000	698,400	150,000	697,200	200,000	696,200	250,000
GR	693,800	300,000	693,500	340,000	690,200	340,000	691,000	350,000	690,400	350,000
GR	693,600	356,000	693,100	400,000	694,000	446,000	687,200	446,000	687,200	454,000
GR	690,500	454,000	694,200	480,000	696,400	446,000	696,500	500,000	700,600	550,000
GR	706,200	600,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	18,190	-0	-0	-0	238,000	238,000	238,000		-0	-0
X2	-0	-0	-0	-0	-0	-0	1,000		-0	-0
NC	.060	.060	.060	-0	-0	-0	-0	-0	-0	-0
X1	18,210	15,000	342,000	350 359,000	2,000	2,000	2,000		-0	-0

12571

 HEC2 VERSION UPDATED JAN 1974
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB D-6 FLOODWAY

J1	TCHECK	IND	NINV	IDIR	STPT	METRIC	HVINS	D	WSEL	FD
	-0	5.	-0	-0	-0	-0	-0	-0	487.750	-0
J2	NPROF	TPLOT	PREVS	YSECV	XSECV	FN	ALLOE	IRW	CHNTM	TRACE
	15.000	-0	-0	-0	-0	-0	-0	-0	-0	-0

12574

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB D=0 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	OF	MAY FL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEI	TW	EC	TOPWID	STEMCL	STENCE	VCH
261.15		-0		0	678.10	790.00	686.75	148.63	686.85	69.48	0.780	0	2.7A
261.15		-0		0	678.10	790.00	687.75	147.44	687.88	40.24	134.76	175.00	3.01
8.00	800.00			0	684.90	790.00	689.30	134.13	689.35	209.68	0.200	0	2.21
8.00	800.00			0	684.90	790.00	690.32	134.36	690.40	97.25	155.23	252.48	2.58
15.00	700.00			0	690.20	790.00	694.50	45.34	694.80	197.48	0.332	0	5.54
15.00	700.00			0	690.20	790.00	695.58	43.03	696.00	51.21	344.00	395.21	6.35
15.79	79.00			0	690.20	790.00	697.05	28.64	698.93	12.00	0	0	11.02
15.79	79.00			0	690.20	790.00	698.13	36.15	699.48	12.00	344.00	356.00	9.32
15.81	2.00	730.40		694.20	687.20	790.00	696.27	65.59	699.35	221.01	0.450	0	14.0A
15.81	2.00	730.40		694.20	687.20	790.00	696.98	64.52	700.05	285.07	0	0	14.0A
18.19	238.00	730.40		694.20	687.20	790.00	699.86	63.06	702.94	436.75	0	0	14.0A
18.19	238.00	730.40		694.20	687.20	790.00	700.63	63.06	703.70	462.79	0	0	14.0A
18.21	2.00			0	689.10	790.00	703.02	198.81	703.23	17.00	0.530	0	3.71
18.21	2.00			0	689.10	790.00	703.81	206.11	704.00	17.00	342.00	359.00	3.40
19.00	79.00			0	689.10	790.00	703.25	1844.86	703.24	334.04	0.350	0	.46
19.00	79.00			0	689.10	790.00	704.02	1788.13	704.02	204.75	256.49	463.24	.50
26.00	700.00			0	696.30	790.00	703.09	96.69	703.40	121.55	0.200	0	5.19
26.00	700.00			0	696.30	790.00	703.62	78.91	704.24	28.12	91.00	119.13	6.5A
33.80	780.00			0	703.90	790.00	710.03	67.60	710.73	61.79	0.150	0	7.11
33.80	780.00			0	703.90	790.00	711.22	81.09	711.87	22.00	100.00	162.00	6.40

SECTION NUMBER	DISCHARGE CFS	CASEI	CASEI DIFF EACH W	CASEI DIFF EACH SECTION	CASEI-WSE/LK	TOPWID	T.W. DIFF	LENGTH
261.150	790.000	686.750	0	0	0	69.480	0	-0
261.150	790.000	687.750	1.000	0	0	40.230	29.245	-0
8.000	790.000	689.304	0	2.554	0	209.670	0	800.000
8.000	790.000	690.323	1.020	2.573	0	97.240	112.420	800.000
15.000	790.000	694.595	0	5.291	0	197.475	0	700.000
15.000	790.000	695.580	.985	5.257	0	51.210	144.262	700.000
15.790	790.000	697.047	0	2.452	0	12.000	0	79.000
15.790	790.000	698.134	1.087	2.554	0	12.000	0	79.000
15.810	790.000	696.273	0	-0.770	0	221.907	0	2.000
15.810	790.000	696.977	.700	-1.157	0	285.071	-63.165	2.000
18.190	790.000	699.860	0	3.591	0	436.755	0	238.000
18.190	790.000	700.627	.760	3.651	0	462.790	-24.036	238.000
18.210	790.000	703.018	0	3.154	0	17.000	0	2.000
18.210	790.000	703.807	.790	3.180	0	17.000	0	2.000
19.000	790.000	703.254	0	.237	0	334.045	0	79.000

12577

DATA FOR LAST CROSS SECTION							
	AREA=ACFES	TOP WIDTH	TARGET	TYPE	ENC		
19.000	790.000	700.017	.762	.209	0	206.752	127.293
26.000	790.000	703.086	-.160	-.160	0	121.552	93.428
26.000	790.000	703.424	.539	-.392	0	28.125	700.000
35.800	790.000	710.020	0	4.943	0	61.788	780.000
35.800	790.000	711.225	1.196	7.600	0	22.001	39.787

AREA=ACFES
TOP WIDTH
TARGET
TYPE
ENC

1 0 13.061 7.113 -5.378
2 0 0.000 .281

10.4

7

Floodway

 HEC2 VERSION UPDATED JAN 1974
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

T1 GASTONIA N.C.
 T2 FLOOD INSURANCE
 T3 TRIB 0-7 100-YR Q

J1	ICHECK	IND	NINV	IDIP	SPT	METRIC	HVINS	Q	USEL	EQ
	0	4	0	0	0	0	0	0	693.430	-0

J2	NPROF	IPI/OT	PREVS	XSECV	XSECH	FN	ALLDC	IRW	CHNTM	ITRAC
	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	.050	.050	.000	.100	.300	-0	-0	-0	-0	-0
BT	5.000	840.000	1620.000	2100.000	2100.000	3650.000	-0	-0	-0	-0
ET	-0	-0	-0	-0	10.000	-0	-0	-0	-0	-0

X1	280.000	14.000	113.000	134.000	-0	-0	-0	-0	-0	-0
GR	703.700	0	702.000	35.000	693.500	69.000	691.600	100.000	690.600	113.000
GR	686.100	117.000	485.800	123.000	484.500	127.000	494.600	134.000	497.100	150.000
GR	697.800	200.000	495.000	217.000	703.200	250.000	709.400	300.000	-0	-0
NC	.090	.090	.000	.100	.300	-0	-0	-0	-0	-0
BT	5.000	310.000	355.000	645.000	645.000	840.000	-0	-0	-0	-0
SB	0	1.500	2.500	0	4.000	0	36.000	0	-0	-0

X1	3.000	18.000	297.000	303.000	500.000	500.000	500.000	-0	-0.300	-0
X2	-0	-0	1.000	696.600	744.100	-0	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	714.100	714.100	-0
BT	12.000	0	718.600	-0	100.000	717.200	-0	200.000	714.500	-0
BT	297.000	716.200	-0	297.000	714.200	493.600	297.000	714.200	496.600	303.000
BT	714.200	696.600	303.000	714.200	493.600	310.000	714.200	-0	400.000	714.100
BT	-0	500.000	714.100	-0	450.000	715.400	-0	-0	-0	-0
GR	721.600	0	720.400	50.000	719.900	100.000	719.100	150.000	717.800	200.000
GR	696.700	246.000	493.600	244.000	493.400	250.000	493.500	252.000	497.400	255.000
GR	693.600	297.000	690.600	297.000	691.600	303.000	693.600	303.000	696.400	310.000
GR	718.300	400.000	719.000	500.000	720.000	450.000	-0	-0	-0	-0

X1	4.000	13.000	244.000	255.000	100.000	100.000	100.000	-0	-0	-0
GR	721.600	0	720.400	50.000	719.900	100.000	719.100	150.000	717.800	198.000
GR	696.700	246.000	493.600	244.000	493.400	250.000	493.500	252.000	497.400	255.000
GR	696.900	300.000	696.400	323.000	718.300	400.000	-0	-0	-0	-0

X1	11.500	7.000	64.000	104.000	750.000	750.000	750.000	-0	-0	-0
GR	720.500	0	707.300	38.000	701.500	47.000	701.700	50.000	702.100	53.000
GR	713.800	64.000	722.200	104.000	-0	-0	-0	-0	-0	-0

X1	17.000	15.000	190.000	206.000	550.000	550.000	550.000	-0	-0	-0
GR	735.000	0	730.000	30.000	725.000	40.000	722.700	100.000	714.400	150.000
GR	716.000	190.000	709.100	197.000	708.900	200.000	709.200	203.000	715.700	204.000
GR	715.600	250.000	719.200	288.000	723.600	300.000	730.000	360.000	735.000	400.000

X1	17.700	0	0	0	70.000	70.000	70.000	-0	-0	-0
X3	10.000	0	0	0	0	0	0	719.400	719.400	-0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB D-7 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MTN EI OF ROADWAY	OF	MAX FL OF LOW CHORD	MTN EI GROUND	DISCHARGE (CFS)	CASEI	TD	EC	TOPWID	STENCI	STENCR	VCH
280.00		-0	0	0	685.80	2100.00	694.27	205.44	695.81	74.26	0	0	11.14
280.00		-0	0	0	685.80	2100.00	694.43	167.03	697.31	26.32	109.49	136.00	13.85
3.00	500.00		0	0	690.30	645.00	699.73	29.60	701.75	4.00	0	300 0	11.40
3.00	500.00		0	0	690.30	645.00	699.89	30.26	701.84	4.00	297.00	303.00	11.21
4.00	100.00		0	0	693.40	645.00	702.12	253.32	702.15	100.45	0	250 0	1.95
4.00	100.00		0	0	693.40	645.00	702.32	190.95	702.37	65.49	246.00	311.49	2.04 A
11.50	750.00		0	0	701.50	645.00	706.76	22.80	708.46	18.54	0	85 0	0
11.50	750.00		0	0	701.50	645.00	707.90	24.43	710.30	11.34	47.20	106.00	0 B
17.00	550.00		0	0	708.90	645.00	717.07	79.21	717.30	120.84	0	260 0	5.15
17.00	550.00		0	0	708.90	645.00	718.40	80.49	718.80	18.95	190.00	208.95	5.48
17.70	70.00		0	0	708.90	645.00	717.41	63.17	718.07	16.00	0	0	6.50
17.70	70.00		0	0	708.90	645.00	718.80	85.06	719.27	16.00	100.00	206.00	5.20
18.60	160.00		0	0	713.00	645.00	724.90	42.56	726.20	4.00	0	200 0	9.17
18.60	160.00		0	0	713.00	645.00	726.32	40.41	727.30	4.00	196.80	203.20	8.11
19.00	40.00		0	0	719.40	645.00	726.39	175.31	726.46	131.02	0	195 0	2.75
19.00	40.00		0	0	719.40	645.00	727.47	180.56	727.56	40.78	185.00	229.78	2.77
24.00	540.00		0	0	724.90	645.00	728.51	36.73	729.33	68.84	0	195 0	8.79
24.00	540.00		0	0	724.90	645.00	729.32	30.70	731.23	15.44	189.54	205.00	11.13 E
30.70	670.00		0	0	704.20	645.00	708.97	37.33	750.06	43.50	0	100 0	9.00
30.70	670.00		0	0	704.20	645.00	709.80	40.65	750.95	18.16	91.00	110.00	8.48

SECTION NUMBER	DISCHARGE CFS	CASEI	CASEI DIFF EACH	CASEI DIFF EACH SECTION	CASEI - WSE/LK	TOPWID	T.W. DIFF	LENGTH
280.000	2100.000	694.270	0	0	0	74.262	0	0
280.000	2100.000	694.430	.160	0	0	26.317	47.945	0
3.000	645.000	699.729	0	5.459	0	6.000	0	500.000
3.000	645.000	699.889	.160	5.459	0	6.000	0	500.000
4.000	645.000	702.125	0	2.396	0	100.440	0	100.000
4.000	645.000	702.322	.197	2.433	0	65.492	43.957	100.000
11.500	645.000	704.750	0	0.630	0	18.541	0	750.000
11.500	645.000	707.988	1.229	5.667	0	11.334	7.200	750.000
17.000	645.000	717.072	0	10.313	0	120.842	0	550.000
17.000	645.000	718.396	1.324	10.408	0	18.947	101.895	550.000
17.700	645.000	717.408	0	.336	0	16.000	0	70.000
17.700	645.000	718.836	1.427	.430	0	16.000	0	70.000
18.600	645.000	724.895	0	7.487	0	6.400	0	160.000
18.600	645.000	726.323	1.427	7.487	0	6.400	0	160.000
19.000	645.000	726.386	0	1.491	0	131.017	0	40.000

19.000	645.000	727.466	1.080	1.143	0	44.777	84.641	40.000
24.000	645.000	728.510	0	2.124	0	68.841	0	540.000
24.000	645.000	729.322	.812	1.856	0	15.041	53.397	540.000
30.700	645.000	748.968	0	20.458	0	43.498	0	670.000
30.700	645.000	749.842	.875	20.521	0	18.161	25.337	670.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE FNC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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1	0	0	0.895	0
2	4.000	.249	1.845	-3.050

7.4

2

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

Floodway

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIP D=7 100-YR Q

J1	ICHECK	ING	NTNV	INDP	STPT	METRIC	WVJMS	Q	WREI	FR
	0.	4.	0.	0.	0.	0.	0.	0.	693,430.	0.

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALIDC	THW	CHNIN	ITRACF
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

J3	1,000	34,000	3,000	4,000	27,000	24,000	26,000	0.	0.	0.
NC	0,050	0,050	0,040	0,100	0,300	0.	0.	0.	0.	0.
QT	5,000	440,000	1620,000	2100,000	2100,000	2650,000	0.	0.	0.	0.
ET	0.	0.	0.	0.	7,400	0.	0.	0.	0.	0.

X1	280,000	14,000	113,000	136,000	0.	0.	0.	0.	0.	0.
GR	703,700	0.	702,000	35,000	693,500	64,000	691,600	100,000	690,600	113,000
GR	686,100	117,000	685,800	123,000	686,500	127,000	694,600	136,000	697,100	150,000
GR	697,800	200,000	698,000	217,000	703,200	250,000	709,400	300,000	0.	0.
NC	0,090	0,090	0,060	0,100	0,300	0.	0.	0.	0.	0.
QT	5,000	310,000	355,000	645,000	645,000	840,000	0.	0.	0.	0.
SB	0.	1,500	2,500	0.	6,000	0.	36,000	0.	0.	0.

X1	3,000	18,000	297,000	303,000	500,000	500,000	500,000	0.	-0,300	0.
X2	0.	0.	1,000	696,600	746,100	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	716,100	716,100	0.
BT	12,000	0.	716,600	0.	100,000	717,200	0.	200,000	716,500	0.
BT	297,000	716,200	0.	297,000	716,200	693,600	297,000	716,200	696,600	303,000
BT	716,200	696,400	303,000	716,200	693,600	310,000	716,200	0.	400,000	716,100
BT	0.	500,000	716,100	0.	650,000	715,800	0.	0.	0.	0.
GR	721,600	0.	720,400	50,000	719,900	100,000	719,100	150,000	717,800	200,000
GR	696,700	246,000	693,600	248,000	693,400	250,000	693,500	252,000	697,400	255,000
GR	693,600	297,000	690,600	297,000	690,600	303,000	693,600	303,000	696,400	310,000
GR	718,300	400,000	719,000	500,000	720,000	650,000	0.	0.	0.	0.

X1	4,000	13,000	246,000	255,000	100,000	100,000	100,000	0.	0.	0.
GR	721,600	0.	720,400	50,000	719,900	100,000	719,100	150,000	717,800	198,000
GR	696,700	246,000	693,600	248,000	693,400	250,000	693,500	252,000	697,400	255,000
GR	696,900	300,000	696,400	323,000	718,300	400,000	0.	0.	0.	0.

X1	11,500	7,000	64,000	106,000	750,000	750,000	750,000	0.	0.	0.
GR	720,500	0.	707,300	38,000	701,500	47,000	701,700	50,000	702,100	53,000
GR	713,800	64,000	722,200	106,000	0.	0.	0.	0.	0.	0.

X1	17,000	15,000	190,000	206,000	550,000	550,000	550,000	0.	0.	0.
GR	735,000	0.	730,000	30,000	725,000	80,000	722,700	100,000	716,400	150,000
GR	716,000	190,000	709,100	197,000	706,900	200,000	709,200	203,000	715,700	206,000
GR	715,600	250,000	719,200	288,000	723,600	300,000	730,000	360,000	735,000	400,000

X1	17,700	0.	0.	0.	70,000	70,000	70,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	719,400	719,400	0.
SB	0.	1,500	2,500	0.	5,500	0.	33,200	0.	713,500	713,000

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIP D-7

FLOODWAY

SECTION CHANNEL MIN EL OF MAX EL OF MIN EL DISCHARGE CWSFL TO FG TOPWID STENCIL STENCH VCH
 NUMBER LENGTH ROADWAY LOW CHORD GROUND (CFS)

280.00	0.	0.	0.	685.80	2100.00	694.27	205.40	695.81	74.24	0.	0.	11.16
280.00	0.	0.	0.	685.80	2100.00	694.43	179.13	696.85	71.57	104.24	136.00	12.95
3.00	500.00	0.	0.	690.30	645.00	699.73	29.60	701.75	6.00	0.	300.00	11.40
3.00	500.00	0.	0.	690.30	645.00	699.89	30.24	701.84	6.00	297.00	303.00	11.21
4.00	100.00	0.	0.	693.40	645.00	702.12	253.32	702.15	109.45	0.	250.00	1.95
4.00	100.00	0.	0.	693.40	645.00	702.29	205.66	702.33	71.02	244.00	317.02	1.91
11.50	750.00	0.	0.	701.50	645.00	706.76	22.80	708.46	18.54	0.	85.00	0.
11.50	750.00	0.	0.	701.50	645.00	707.30	23.88	709.51	12.41	45.08	106.00	0.
17.00	550.00	0.	0.	708.90	645.00	717.07	79.21	717.39	120.84	0.	200.00	5.15
17.00	550.00	0.	0.	708.90	645.00	717.93	78.99	718.34	29.24	190.00	219.24	5.36
17.70	70.00	0.	0.	708.90	645.00	717.41	63.17	718.07	16.00	0.	0.	6.50
17.70	70.00	0.	0.	708.90	645.00	718.35	77.13	718.84	16.00	190.00	206.00	5.45
18.60	160.00	0.	0.	713.00	645.00	724.90	42.56	726.20	6.40	0.	200.00	9.17
18.60	160.00	0.	0.	713.00	645.00	725.83	46.98	726.94	6.40	194.80	203.20	8.45
19.00	40.00	0.	0.	719.40	645.00	726.39	175.31	726.46	131.42	0.	195.00	2.75
19.00	40.00	0.	0.	719.40	645.00	727.08	176.17	727.18	52.18	185.00	237.18	2.76
24.00	540.00	0.	0.	724.90	645.00	728.51	36.73	729.33	68.84	0.	195.00	8.79
24.00	540.00	0.	0.	724.90	645.00	728.84	31.02	730.43	22.71	182.29	205.00	10.41
30.70	670.00	0.	0.	744.20	645.00	748.97	37.33	750.06	43.50	0.	100.00	9.00
30.70	670.00	0.	0.	744.20	645.00	749.74	42.84	750.90	18.04	91.00	110.00	8.67

SECTION NUMBER	DISCHARGE CFS	CWSFL	CWSFL DIFF EACH	CWSFL DIFF EACH SECTION	CWSFL WSELK	TOPWID	T.W. DIFF	LENGTH
280.000	2100.000	694.270	0.	0.	0.	74.242	0.	0.
280.000	2100.000	694.430	0.160	0.	0.	71.547	42.696	0.
3.000	645.000	699.729	0.	5.459	0.	6.000	0.	500.000
3.000	645.000	699.889	0.160	5.459	0.	6.000	0.	500.000
4.000	645.000	702.125	0.	2.306	0.	109.449	0.	100.000
4.000	645.000	702.288	0.163	2.400	0.	71.019	38.430	100.000
11.500	645.000	706.759	0.	4.634	0.	18.541	0.	750.000
11.500	645.000	707.299	0.540	5.010	0.	12.412	6.129	750.000
17.000	645.000	717.072	0.	10.313	0.	120.842	0.	550.000
17.000	645.000	717.930	0.858	10.631	0.	29.237	91.605	550.000
17.700	645.000	717.408	0.	0.336	0.	16.000	0.	70.000
17.700	645.000	718.346	0.938	0.416	0.	16.000	0.	70.000
18.600	645.000	724.895	0.	7.487	0.	6.400	0.	160.000
18.600	645.000	725.833	0.938	7.487	0.	6.400	0.	160.000
19.000	645.000	726.382	0.	1.491	0.	131.418	0.	40.000
19.000	645.000	727.084	0.698	1.251	0.	52.181	79.237	40.000

24,000	645,000	728,510	0.	2,174	0.	68,841	0.	540,000
24,000	645,000	728,940	0.429	1,855	0.	22,712	46,130	540,000
30,700	645,000	748,968	0.	20,458	0.	43,498	0.	670,000
30,700	645,000	749,736	0.767	20,796	0.	18,040	25,438	670,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DIFF
1	0.	0.	4.895	0.
2	4,000	0.222	2,167	-2.727

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

Floodway

T1 GASTONIA NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRB D-8.100 YR R

TRB D-8

J1	ICHECK	INO	NINV	TOTR	STRT	METRIC	MVINS	D	WSEL	FR
	-0.	4.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	705.000	-0.000
J2	NPROF	TPLDT	PREVS	XSECV	YSECH	FN	ALLOC	IRW	CHNIM	TRACE
	1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
J3	1.000	34.000	3.000	4.000	27.000	28.000	26.000	-0.000	-0.000	-0.000
NC	.090	.090	.022	.100	.300	-0.000	-0.000	-0.000	-0.000	-0.000
QT	5.000	300.000	545.000	630.000	630.000	820.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	10.400	-0.000	-0.000	-0.000	-0.000	-0.000
X1	7.000	11.000	145.000	155.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	725.000	725.000	-0.000
GR	709.200	0.000	706.900	50.000	706.100	100.000	703.200	144.000	699.500	145.000
GR	699.500	155.000	703.600	155.000	706.100	200.000	707.900	250.000	707.900	300.000
GR	710.400	350.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	1.250	1.500	2.500	0.000	11.000	2.000	31.800	0.000	707.500	695.500
X1	11.000	14.000	144.500	155.500	400.000	400.000	400.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	712.000	724.900	-0.000	-0.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	725.000	725.000	-0.000
BT	12.000	0.000	729.100	0.000	144.500	724.900	709.700	145.000	724.900	711.400
BT	146.800	724.900	712.000	148.600	724.900	711.400	149.000	724.900	709.700	151.000
BT	724.900	709.700	151.600	724.900	711.400	153.200	724.900	712.000	155.000	724.900
BT	711.400	155.500	724.900	709.700	300.000	724.900	0.000	-0.000	-0.000	-0.000
GR	724.200	0.000	709.700	144.500	708.000	145.000	707.500	146.800	708.000	148.600
GR	708.000	148.700	709.700	149.000	709.700	151.000	708.000	151.600	707.500	152.300
GR	708.000	155.000	709.700	155.500	726.000	200.000	725.500	300.000	-0.000	-0.000
NC	.090	.090	.090	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	12.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	1.300	-0.000
X1	16.000	-0.000	-0.000	-0.000	400.000	400.000	400.000	-0.000	5.200	-0.000
X1	19.000	7.000	138.000	158.000	300.000	300.000	300.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	731.000	731.000	-0.000
GR	728.600	0.000	728.400	50.000	726.600	100.000	721.000	138.000	718.000	150.000
GR	720.800	158.000	731.000	200.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	0.000	1.500	2.500	0.000	19.600	0.000	5.000	0.000	719.800	718.900
X1	20.000	11.000	147.500	152.500	100.000	100.000	100.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	724.800	731.000	-0.000	-0.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	731.000	731.000	-0.000
BT	9.000	0.000	732.800	0.000	50.000	732.000	0.000	147.500	731.000	721.500
BT	148.200	731.000	723.700	150.000	731.000	724.000	151.800	731.000	723.700	152.500
BT	731.000	721.500	200.000	731.000	0.000	250.000	732.000	0.000	-0.000	-0.000
GR	727.400	0.000	727.200	50.000	721.200	100.000	721.500	147.500	719.300	148.200

05319

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

T1 GASTONIA NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRTB D=8 FLOWWAY

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	D	WSEL	FQ
	-0.	5.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	706.000	-0.000
J2	NPRCF	IPLOT	PRFVS	YSECV	XSECH	FN	ALLOC	IRW	CHNTM	YTRACE
	15.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

05322

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB D-8 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TG	EG	TOPWID	STENCI	STENCR	VCH
A 7.00	-0.00	0.00	0.00	699.50	630.00	705.00	84.38	707.04	10.00	0.00	0.00	11.45
7.00	-0.00	0.00	0.00	699.50	630.00	706.00	94.45	707.44	10.00	145.00	155.00	9.69
11.00	400.00	0.00	0.00	707.50	630.00	713.00	64.38	715.30	11.00	0.00	0.00	12.18
11.00	400.00	0.00	0.00	707.50	630.00	714.00	84.43	715.57	11.00	144.50	155.50	10.04
12.00	100.00	0.00	0.00	708.80	630.00	716.12	82.39	716.24	74.01	0.00	0.00	3.36
12.00	100.00	0.00	0.00	708.80	630.00	716.17	71.55	716.33	50.95	104.54	155.50	3.24
16.00	400.00	0.00	0.00	714.00	630.00	719.97	43.75	720.29	58.78	0.00	0.00	5.42
16.00	400.00	0.00	0.00	714.00	630.00	720.54	47.26	720.84	32.46	123.04	155.50	4.61
19.00	300.00	0.00	0.00	718.00	630.00	724.97	52.59	725.48	20.00	0.00	0.00	5.72
19.00	300.00	0.00	0.00	718.00	630.00	725.22	52.66	725.69	20.00	138.00	158.00	5.46
20.00	100.00	0.00	0.00	719.00	630.00	732.40	1370.13	732.40	250.00	0.00	0.00	.30
20.00	100.00	0.00	0.00	719.00	630.00	732.66	1227.96	732.66	158.69	43.47	202.17	.34
21.00	100.00	0.00	0.00	720.60	630.00	732.40	984.63	732.41	242.91	0.00	0.00	.34
21.00	100.00	0.00	0.00	720.60	630.00	732.66	874.64	732.67	141.98	54.32	196.30	.44
26.00	500.00	0.00	0.00	728.60	630.00	732.36	21.71	733.27	51.56	0.00	0.00	7.64
26.00	500.00	0.00	0.00	728.60	630.00	732.35	19.66	733.44	35.00	143.00	178.00	8.40

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSEFK	TOPWID	T.W. DIFF	LENGTH
7.000	630.000	705.000	0.000	0.000	0.000	10.000	0.000	-0.000
7.000	630.000	706.000	1.000	0.000	0.000	10.000	0.000	-0.000
11.000	630.000	713.001	0.000	0.001	0.000	11.000	0.000	400.000
11.000	630.000	714.001	1.000	0.001	0.000	11.000	0.000	400.000
12.000	630.000	716.119	0.000	3.119	0.000	76.000	0.000	100.000
12.000	630.000	716.171	.053	2.171	0.000	50.950	25.054	100.000
16.000	630.000	719.966	0.000	3.847	0.000	58.770	0.000	400.000
16.000	630.000	720.536	.570	4.364	0.000	32.461	24.310	400.000
19.000	630.000	724.967	0.000	5.002	0.000	20.000	0.000	300.000
19.000	630.000	725.224	.257	4.680	0.000	20.000	0.000	300.000
20.000	630.000	732.402	0.000	7.435	0.000	250.000	0.000	100.000
20.000	630.000	732.659	.257	7.435	0.000	158.693	91.307	100.000
21.000	630.000	732.404	0.000	.002	0.000	242.910	0.000	100.000
21.000	630.000	732.662	.257	.003	0.000	141.970	100.931	100.000
26.000	630.000	732.359	0.000	-.046	0.000	51.550	0.000	500.000
26.000	630.000	732.355	-.004	-.307	0.000	35.001	16.550	500.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH	TOP WIDTH
				AREA=ACRES	AREA=DIFF

 HEC2 VERSION UPDATED JAN 1974
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

Floodway

T1 GASTONIA N.C.
 T2 FLOOD INSURANCE
 T3 TRIS D-9 100-YR Q

J1 TCHECK INQ NINV IDIR STRI METRIC HVINS C WSEL EQ
 0 4 0 0 0 0 0 0 707.810 -0

J2 NPROF IPILOT PREVS YSECV YSECH EN ALLOC IPA CHNIM ITRACE
 1.000 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0

J3 1.000 34.000 3.000 4.000 27.000 22.000 26.000 -0 -0 -0
 NC .000 .000 .000 .100 .300 -0 -0 -0 -0 -0
 QT 5.000 430.000 770.000 900.000 900.000 1150.000 -0 -0 -0
 ET -0 -0 -0 -0 10.000 -0 -0 -0 -0 -0

X1 317.000 12.000 79.000 95.000 400.000 400.000 400.000 -0 2.000 -0
 GR 719.600 0 718.300 20.000 710.100 45.000 705.500 79.000 702.100 84.000
 GR 701.400 87.000 700.900 94.000 702.900 95.000 707.300 105.000 707.700 120.000
 GR 715.000 150.000 725.000 182.000 -0 -0 -0 -0 -0 -0

X1 3.000 16.000 193.000 200 207.000 300.000 300.000 300.000 -0 -0 -0
 GR 733.000 0 730.000 40.000 725.000 60.000 721.200 100.000 714.200 124.000
 GR 714.200 150.000 712.400 193.000 709.400 194.000 709.100 200.000 709.400 203.000
 GR 712.300 207.000 714.300 250.000 714.000 300.000 720.000 350.000 725.000 390.000
 GR 730.000 420.000 -0 -0 -0 -0 -0 -0 -0 -0

X1 4.000 -0 -0 -0 100.000 100.000 100.000 -0 -0 -0
 X3 10.000 -0 -0 -0 -0 -0 -0 729.400 729.400 -0
 SB 0 1.500 2.500 0 5.000 0 24.700 -0 -0 -0

X1 5.500 21.000 297.000 300 303.000 150.000 150.000 150.000 -0 -0 -0
 X2 -0 -0 1.000 715.000 729.300 -0 -0 -0 -0 -0
 X3 10.000 -0 -0 -0 -0 -0 -0 729.300 729.300 -0
 BT 15.000 0 735.700 -0 20.000 715.000 -0 100.000 729.200 -0
 BT 200.000 728.000 -0 250.000 728.000 -0 290.000 729.200 -0 297.000
 BT 729.300 714.000 298.000 729.300 715.000 300.000 729.300 715.900 302.000 729.300
 BT 715.000 303.000 729.300 714.000 310.000 729.600 -0 350.000 730.700 -0
 BT 400.000 732.600 -0 450.000 730.900 -0 -0 -0 -0 -0
 GR 733.000 0 731.500 20.000 725.000 60.000 721.200 100.000 714.200 124.000
 GR 714.200 150.000 712.400 193.000 709.400 194.000 709.100 200.000 709.400 203.000
 GR 712.300 207.000 714.300 250.000 714.000 300.000 720.000 350.000 725.000 390.000
 GR 712.000 302.000 714.000 303.000 714.800 310.000 720.000 350.000 725.000 390.000
 GR 730.000 420.000 -0 -0 -0 -0 -0 -0 -0 -0

X1 5.000 16.000 189.000 200 206.000 80.000 80.000 80.000 -0 -0 -0
 GR 735.000 0 735.000 70.000 724.700 100.000 723.100 150.000 723.300 168.000
 GR 719.000 178.000 718.200 189.000 713.100 194.000 712.400 200.000 713.000 204.000
 GR 718.000 206.000 719.400 222.000 736.500 250.000 737.400 300.000 740.000 340.000
 GR 745.000 450.000 -0 -0 -0 -0 -0 -0 -0 -0

X1 14.500 13.000 143.000 250 163.000 850.000 850.000 850.000 -0 -0 -0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRTB D-9 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EI OF ROADWAY	OF	MAX EL OF LOW CHORD	MIN EI OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCI	STENCH	VCH
317.00	400.00	0	0	702.90	900.00	708.71	34.91	710.32	33.60	0	0	10.60	
317.00	400.00	0	0	702.90	900.00	708.81	30.00	711.04	16.00	79.00	95.00	12.00	
3.00	300.00	0	0	709.10	900.00	715.56	101.20	715.71	167.57	0.200	0	4.15	
3.00	300.00	0	0	709.10	900.00	716.35	105.35	716.57	59.34	168.26	227.61	4.36 A	
4.00	100.00	0	0	709.10	900.00	716.13	37.61	717.87	10.00	0	0	10.60	
4.00	100.00	0	0	709.10	900.00	717.00	40.87	718.33	14.00	193.00	207.00	9.26	
5.50	150.00	0	0	711.00	900.00	727.75	40.79	729.21	6.00	0.300	0	9.68	
5.50	150.00	0	0	711.00	900.00	728.63	42.31	729.93	6.00	297.00	303.00	9.16	
6.00	80.00	0	0	712.60	900.00	729.39	701.24	729.40	148.03	0.200	0	1.09	
6.00	80.00	0	0	712.60	900.00	730.08	690.30	730.11	95.68	123.62	210.31	1.10 B	
14.50	850.00	0	0	719.00	900.00	729.70	188.88	729.76	148.16	0.150	0	2.55 C	
14.50	850.00	0	0	719.00	900.00	730.40	176.36	730.50	73.81	114.65	188.46	2.90	
23.00	450.00	0	0	732.00	480.00	736.35	14.21	737.00	55.24	0.130	0	6.50	
23.00	450.00	0	0	732.00	480.00	736.28	13.00	737.01	55.12	100.00	158.00	6.86 D	
28.00	500.00	0	0	738.20	480.00	745.35	60.07	745.41	122.83	0.150	0	2.02	
28.00	500.00	0	0	738.20	480.00	745.39	61.10	745.46	116.00	92.00	208.00	2.01 E	

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q.	CWSEL DIFF EACH SECTION	CWSEL - WSFLK	TOPWID	T.W. DIFF	LENGTH
317.000	900.000	708.700	0	0	0	33.595	0	400.000
317.000	900.000	708.810	.101	0	0	16.001	17.590	400.000
3.000	900.000	715.560	0	6.855	0	167.570	0	300.000
3.000	900.000	716.345	.781	7.535	0	59.340	108.230	300.000
4.000	900.000	716.124	0	.562	0	10.000	0	100.000
4.000	900.000	717.000	.876	.450	0	14.000	0	100.000
5.500	900.000	727.753	0	11.627	0	6.000	0	150.000
5.500	900.000	728.631	.878	11.627	0	6.000	0	150.000
6.000	900.000	729.386	0	1.632	0	148.030	0	80.000
6.000	900.000	730.095	.709	1.463	0	95.683	52.346	80.000
14.500	900.000	729.697	0	.311	0	148.161	0	850.000
14.500	900.000	730.402	.705	.308	0	73.807	70.355	850.000
23.000	480.000	736.347	0	6.650	0	55.240	0	450.000
23.000	480.000	736.276	-.071	5.873	0	55.120	.119	450.000
28.000	480.000	745.351	0	9.004	0	122.827	0	500.000
28.000	480.000	745.393	.042	9.117	0	116.001	6.824	500.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	END	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TR18 D=9 500-YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	DEPTH	STENCL	STENCR	VCH
317.00	400.00	0	0	702.90	430.00	707.81	0	708.47	6.91	0	0	6.70
317.00	400.00	0	0	702.90	770.00	709.33	0	710.13	6.43	0	0	7.67
317.00	400.00	0	0	702.90	900.00	710.35	0	710.88	7.45	0	0	6.55
317.00	400.00	0	0	702.90	1150.00	712.65	0	712.85	9.75	0	0	4.37
3.00	300.00	0	0	709.10	430.00	714.30	0	714.51	5.20	0	0	4.47
3.00	300.00	0	0	709.10	770.00	715.09	0	715.28	5.99	0	0	4.64
3.00	300.00	0	0	709.10	900.00	715.17	0	715.40	6.07	0	0	5.18
3.00	300.00	0	0	709.10	1150.00	715.20	0	715.57	6.10	0	0	6.49
4.00	100.00	0	0	709.10	430.00	715.60	0	716.07	6.50	0	0	5.55
4.00	100.00	0	0	709.10	770.00	716.27	0	717.48	7.17	0	0	8.85
4.00	100.00	0	0	709.10	900.00	716.56	0	718.08	7.46	0	0	9.80 ?
4.00	100.00	0	0	709.10	1150.00	717.30	0	719.30	8.20	0	0	11.34
5.50	150.00	729.30	715.90	711.00	430.00	720.45	0	721.64	6.45	0	0	8.73
5.50	150.00	729.30	715.90	711.00	770.00	727.88	0	728.93	14.88	0	0	8.21
5.50	150.00	729.30	715.90	711.00	900.00	727.78	0	729.22	14.78	0	0	9.65 ?
5.50	150.00	729.30	715.90	711.00	1150.00	729.60	0	729.60	15.50	0	0	12.25
6.00	80.00	0	0	712.60	430.00	722.06	0	722.11	9.46	0	0	2.14
6.00	80.00	0	0	712.60	770.00	729.06	0	729.07	14.46	0	0	5.98
6.00	80.00	0	0	712.60	900.00	729.40	0	729.42	14.80	0	0	1.08
6.00	80.00	0	0	712.60	1150.00	729.59	0	729.61	14.99	0	0	1.34
14.50	850.00	0	0	719.00	430.00	725.29	0	725.98	6.29	0	0	6.65
14.50	850.00	0	0	719.00	770.00	729.33	0	729.30	10.33	0	0	2.50
14.50	850.00	0	0	719.00	900.00	729.71	0	729.78	10.71	0	0	2.54
14.50	850.00	0	0	719.00	1150.00	730.04	0	730.13	11.04	0	0	2.90
23.00	850.00	0	0	732.00	230.00	737.35	0	737.40	5.35	0	0	1.77
23.00	850.00	0	0	732.00	410.00	736.21	736.21	736.80	4.21	0	0	6.20
23.00	850.00	0	0	732.00	480.00	736.35	736.35	737.00	4.35	0	0	6.49
23.00	850.00	0	0	732.00	620.00	736.62	736.62	737.37	4.62	0	0	6.96
28.00	500.00	0	0	738.20	230.00	741.98	0	742.34	3.78	0	0	4.92
28.00	500.00	0	0	738.20	410.00	745.17	0	745.23	6.97	0	0	1.90
28.00	500.00	0	0	738.20	480.00	745.35	0	745.41	7.15	0	0	2.02
28.00	500.00	0	0	738.20	620.00	745.67	0	745.75	7.47	0	0	2.25

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELY	TOPWID	T.W. DIFF	LENGTH
317.000	430.000	707.810	0	0	0	0	0	400.000
317.000	770.000	709.330	1.520	0	0	0	0	400.000
317.000	900.000	710.350	1.020	0	0	0	0	400.000
317.000	1150.000	712.650	2.300	0	0	0	0	400.000
3.000	430.000	714.302	0	6.492	0	0	0	300.000
3.000	770.000	715.090	.788	5.760	0	0	0	300.000
3.000	900.000	715.167	.077	4.817	0	0	0	300.000
3.000	1150.000	715.198	.031	2.548	0	0	0	300.000
4.000	430.000	715.597	0	1.295	0	0	0	100.000
4.000	770.000	716.262	.671	1.178	0	0	0	100.000

4,000	400,000	716,562	.298	1,395	0	0	0	100,000
4,000	1150,000	717,304	.742	2,106	0	0	0	100,000
5,500	430,000	720,453	0	4,256	0	0	0	150,000
5,500	770,000	727,884	7.431	11,616	0	0	0	150,000
5,500	900,000	727,775	-.108	11,213	0	0	0	150,000
5,500	1150,000	729,600	1.820	12,295	0	0	0	150,000
6,000	430,000	722,058	0	1,605	0	0	0	80,000
6,000	770,000	729,062	7.004	1,178	0	0	0	80,000
6,000	900,000	729,403	.341	1,628	0	0	0	80,000
6,000	1150,000	729,589	.184	-.011	0	0	0	80,000
14,500	430,000	725,294	0	3,234	0	0	0	250,000
14,500	770,000	729,327	4.033	.265	0	0	0	250,000
14,500	900,000	729,712	.385	.309	0	0	0	250,000
14,500	1150,000	730,043	.331	.450	0	0	0	250,000
23,000	230,000	737,350	0	12,056	0	0	0	250,000
23,000	410,000	736,206	-1.144	6,879	0	0	0	250,000
23,000	480,000	736,347	.141	6,635	0	0	0	250,000
23,000	620,000	736,621	.274	6,578	0	0	0	250,000
28,000	230,000	741,985	0	4,635	0	0	0	500,000
28,000	410,000	745,172	3.187	8,966	0	0	0	500,000
28,000	480,000	745,351	.179	9,004	0	0	0	500,000
28,000	620,000	745,667	.316	9,046	0	0	0	500,000

25' UP
25' DOWN

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DYFF
1	0	0	2,666	0
2	0	0	6,859	4,193
3	0	0	7,025	4,352
4	0	0	8,172	5,511

Plot

 HEC2 VERSION UPDATED JAN 1974
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

PROFILE PLOTTED CROSS-SECTIONS
 5-13-76 BY ? FLOOD LINES
 S.P. FLETCHER PLOTTED 5-28-76
 ON 1:400 MAP.
 S.P. FLETCHER

T1	GASTONIA N C										
T2	FLOOD INSURANCE										
T3	TRIB D-9 10-YR Q										
J1	TCHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO	
	0	2	0	0	0	0	0	0	707.810	=0	
J2	NPROF	IPLDT	PREVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	TTRACE	
	1,000	-0	-0	-0	-0	-0	-0	-0	-0	-0	
J3	1,000	2,000	3,000	4,000	27,000	28,000	26,000				
NC	.000	.090	.090	.100	.300	-0	-0				
QT	5,000	430,000	770,000	900,000	900,000	1150,000					
X1	317,000	12,000	70,000	95,000	400,000	400,000	400,000		2,000		
GR	719,600	0	718,300	20,000	710,100	45,000	705,500	70,000	702,100	84,000	
GR	701,400	87,000	700,900	94,000	702,900	95,000	707,300	105,000	707,700	120,000	
GR	715,000	150,000	725,000	182,000	-0	-0	-0	-0	-0	-0	
X1	3,000	16,000	193,000	207,000	300,000	300,000	300,000				
GR	733,000	0	730,000	40,000	725,000	80,000	721,200	100,000	714,200	124,000	
GR	714,200	150,000	712,400	193,000	709,400	196,000	709,100	200,000	709,400	203,000	
GR	712,300	207,000	714,300	250,000	716,000	300,000	720,000	350,000	725,000	390,000	
GR	730,000	420,000	-0	-0	-0	-0	-0	-0	-0	-0	
X1	4,000	-0	-0	-0	100,000	100,000	100,000				
X3	10,000	-0	-0	-0	-0	-0	-0	729,400	729,400	-0	
SB	0	1,500	2,500	0	5,000	0	26,700				
X1	5,500	21,000	297,000	303,000	150,000	150,000	150,000				
X2	-0	-0	1,000	715,900	729,300	-0	-0				
X3	10,000	-0	-0	-0	-0	-0	-0	729,300	729,300	-0	
BT	15,000	0	735,700	-0	20,000	735,000	-0	100,000	729,200	-0	
BT	200,000	728,000	-0	250,000	728,400	-0	290,000	729,200	-0	297,000	
BT	729,300	714,000	298,000	729,300	715,000	300,000	729,300	715,900	302,000	729,300	
BT	715,000	303,000	729,300	714,000	310,000	729,600	-0	350,000	730,700	-0	
BT	400,000	732,600	-0	450,000	734,900	-0	-0	-0	-0	-0	
GR	733,000	0	731,500	20,000	725,000	80,000	721,200	100,000	714,200	124,000	
GR	714,200	150,000	712,400	193,000	709,400	196,000	709,100	200,000	709,400	203,000	
GR	712,300	207,000	714,300	250,000	714,000	290,000	714,000	297,000	711,000	300,000	
GR	712,000	302,000	714,000	303,000	716,800	310,000	720,000	350,000	725,000	390,000	
GR	730,000	420,000	-0	-0	-0	-0	-0	-0	-0	-0	
X1	6,000	16,000	189,000	206,000	80,000	80,000	80,000				
GR	735,000	0	735,000	70,000	726,700	100,000	723,100	150,000	723,300	164,000	
GR	719,000	178,000	718,200	189,000	713,100	196,000	712,600	200,000	713,000	204,000	
GR	718,000	206,000	719,400	222,000	736,500	250,000	737,400	300,000	740,000	340,000	
GR	745,000	450,000	-0	-0	-0	-0	-0	-0	-0	-0	
X1	14,500	13,000	143,000	163,000	850,000	850,000	850,000				
GR	741,200	0	734,000	50,000	733,400	63,000	728,500	78,000	727,200	100,000	

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS D-8,500 YR 0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX FL OF LOW CHDRD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	DEPTH	STENCL	STFNCR	VCH
7.00	-0.00	0.00	0.00	699.50	300.00	703.62	0.00	704.45	4.12	0.00	0.00	7.27
7.00	-0.00	0.00	0.00	699.50	545.00	705.50	0.00	706.78	6.00	0.00	0.00	9.08
7.00	-0.00	0.00	0.00	699.50	630.00	706.12	0.00	707.53	6.62	0.00	0.00	9.51
7.00	-0.00	0.00	0.00	699.50	820.00	707.40	0.00	709.07	7.90	0.00	0.00	10.39
11.00	400.00	724.90	712.00	707.50	300.00	711.27	0.00	712.58	3.77	0.00	0.00	9.19
11.00	400.00	724.90	712.00	707.50	545.00	712.82	0.00	714.68	5.32	0.00	0.00	10.96
11.00	400.00	724.90	712.00	707.50	630.00	713.05	712.94	715.30	5.55	0.00	0.00	12.04
11.00	400.00	724.90	712.00	707.50	820.00	722.45	0.00	722.88	14.95	0.00	0.00	5.27
12.00	100.00	0.00	0.00	708.80	300.00	713.64	0.00	713.85	4.84	0.00	0.00	4.18
12.00	100.00	0.00	0.00	708.80	545.00	715.48	0.00	715.62	6.68	0.00	0.00	3.60
12.00	100.00	0.00	0.00	708.80	630.00	716.11	0.00	716.23	7.31	0.00	0.00	3.37
12.00	100.00	0.00	0.00	708.80	820.00	722.95	0.00	722.96	14.15	0.00	0.00	.98
16.00	400.00	0.00	0.00	714.00	300.00	719.18	0.00	719.33	5.18	0.00	0.00	3.57
16.00	400.00	0.00	0.00	714.00	545.00	719.85	0.00	720.11	5.85	0.00	0.00	4.91
16.00	400.00	0.00	0.00	714.00	630.00	719.97	0.00	720.30	5.97	0.00	0.00	5.41
16.00	400.00	0.00	0.00	714.00	820.00	723.10	0.00	723.17	9.10	0.00	0.00	2.65
19.00	300.00	0.00	0.00	718.00	300.00	722.91	0.00	723.20	4.91	0.00	0.00	4.35
19.00	300.00	0.00	0.00	718.00	545.00	724.48	0.00	724.94	6.48	0.00	0.00	5.43
19.00	300.00	0.00	0.00	718.00	630.00	724.96	0.00	725.47	6.96	0.00	0.00	5.73
19.00	300.00	0.00	0.00	718.00	820.00	724.34	0.00	725.44	6.34	0.00	0.00	8.41
20.00	100.00	731.00	724.80	719.00	300.00	731.88	0.00	731.88	12.88	0.00	0.00	.15
20.00	100.00	731.00	724.80	719.00	545.00	732.29	0.00	732.29	13.29	0.00	0.00	.26
20.00	100.00	731.00	724.80	719.00	630.00	732.40	0.00	732.40	13.40	0.00	0.00	.30
20.00	100.00	731.00	724.80	719.00	820.00	732.62	0.00	732.63	13.62	0.00	0.00	.38
21.00	100.00	0.00	0.00	720.60	300.00	731.88	0.00	731.88	11.28	0.00	0.00	.20
21.00	100.00	0.00	0.00	720.60	545.00	732.29	0.00	732.29	11.49	0.00	0.00	.34
21.00	100.00	0.00	0.00	720.60	630.00	732.40	0.00	732.41	11.80	0.00	0.00	.38
21.00	100.00	0.00	0.00	720.60	820.00	732.63	0.00	732.63	12.03	0.00	0.00	.48
26.00	500.00	0.00	0.00	728.60	300.00	731.44	731.40	732.11	2.84	0.00	0.00	6.58
26.00	500.00	0.00	0.00	728.60	545.00	732.14	732.16	733.02	3.56	0.00	0.00	7.60
26.00	500.00	0.00	0.00	728.60	630.00	732.34	732.36	733.27	3.76	0.00	0.00	7.86
26.00	500.00	0.00	0.00	728.60	820.00	732.70	732.74	733.76	4.14	0.00	0.00	8.42

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH R	CWSEL DIFF EACH SECTION	CWSEL-WSEFLX	TOPWID	T.W. DIFF	LENGTH
7.000	300.000	703.624	0.000	0.000	0.000	0.000	0.000	-0.000
7.000	545.000	705.504	1.880	0.000	0.000	0.000	0.000	-0.000
7.000	630.000	706.123	.619	0.000	0.000	0.000	0.000	-0.000
7.000	820.000	707.396	1.273	0.000	0.000	0.000	0.000	-0.000
11.000	300.000	711.265	0.000	7.641	0.000	0.000	0.000	400.000
11.000	545.000	712.817	1.552	7.313	0.000	0.000	0.000	400.000
11.000	630.000	713.053	.236	6.930	0.000	0.000	0.000	400.000
11.000	820.000	722.453	9.400	15.057	0.000	0.000	0.000	400.000
12.000	300.000	713.640	0.000	2.375	0.000	0.000	0.000	100.000
12.000	545.000	715.480	1.840	2.663	0.000	0.000	0.000	100.000

07149

12,000	630,000	716,108	.627	3,055	0,000	0,000	0,000	100,000
12,000	820,000	727,948	6,840	.495	0,000	0,000	0,000	100,000
16,000	300,000	719,185	0,000	5,544	0,000	0,000	0,000	400,000
16,000	545,000	719,846	.661	4,366	0,000	0,000	0,000	400,000
16,000	630,000	719,972	.126	3,865	0,000	0,000	0,000	400,000
16,000	820,000	723,095	3,123	.147	0,000	0,000	0,000	400,000
19,000	300,000	722,906	0,000	3,721	0,000	0,000	0,000	300,000
19,000	545,000	724,478	1,572	4,632	0,000	0,000	0,000	300,000
19,000	630,000	724,964	.485	4,991	0,000	0,000	0,000	300,000
19,000	820,000	724,337	-.627	1,242	0,000	0,000	0,000	300,000
20,000	300,000	731,882	0,000	8,076	0,000	0,000	0,000	100,000
20,000	545,000	732,289	.407	7,810	0,000	0,000	0,000	100,000
20,000	630,000	732,402	.113	7,438	0,000	0,000	0,000	100,000
20,000	820,000	732,623	.221	8,286	0,000	0,000	0,000	100,000
21,000	300,000	731,883	0,000	.001	0,000	0,000	0,000	100,000
21,000	545,000	732,291	.408	.002	0,000	0,000	0,000	100,000
21,000	630,000	732,404	.114	.002	0,000	0,000	0,000	100,000
21,000	820,000	732,626	.222	.003	0,000	0,000	0,000	100,000
26,000	300,000	731,441	0,000	-.442	0,000	0,000	0,000	500,000
26,000	545,000	732,162	.721	-.129	0,000	0,000	0,000	500,000
26,000	630,000	732,359	.197	-.046	0,000	0,000	0,000	500,000
26,000	820,000	732,742	.383	.115	0,000	0,000	0,000	500,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA-DIFF
1	0,000	0,000	3,253	0,000
2	0,000	0,000	3,566	.313
3	0,000	0,000	3,652	.399
4	0,000	0,000	4,520	1,267

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

T1 GASTONIA NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIB 0=8,500 YR 0

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	R	WSEL	FR
	-0.	0.	-0.	-0.	.003000	-0.00	-0.0	-0.	709.000	-0.000
J2	NPROF	YPLT	PRFVS	YSECV	YSECH	FN	ALLOC	IRW	CHNTH	YTRACE
	15.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

07147

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

T1 GASTONIA NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIB D=8.50 YR G

J1	TCHECK	ING	NINV	IDIR	STRT	METRTC	HVINS	R	WSEL	FG
	-0.	3.	-0.	-0.	.003000	-0.00	-0.0	-0.	707.000	-0.000
J2	NPROF	IPLOT	PRFVS	YSECV	XSECH	FN	ALLOC	IBW	CHNTH	TRACE
	2.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

6

071425

Sta 0 conditions

694.5 stream bed
 701.0 10 yr
 703.8 50 yr
 705.5 100 yr
 708.8 500 yr

Plot

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

T1 GASTONIA NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIB D=8,10 YR Q

J1 ICHECK INQ NINQ IDIR STRT METRIC WVTNS Q WSEL LFD CROSS-SECTIONS PLOTTED
 -0. 2. -0. -0. .003000 -0.00 -0.0 -0. 705.000 -0.000 6-3-76 BY S. P. FLETCHER

J2 NPROF TPLOT PRFVS YSECV XSECH FN AILDC IRW CHNTH ITRACE
 1.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000

J3	1.000	2.000	3.000	8.000	27.000	28.000	26.000	-0.000	-0.000	-0.000
NC	.090	.090	.022	.100	.300	-0.000	-0.000	-0.000	-0.000	-0.000
QT	5.000	300.000	545.000	630.000	630.000	820.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	-0.000	-0.000	10.400	-0.000	-0.000	-0.000	-0.000	-0.000
X1	7.000	11.000	145.000	155.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	725.000	725.000	-0.000
GR	709.200	0.000	706.900	50.000	706.100	100.000	703.200	144.000	699.500	145.000
GR	699.500	155.000	703.600	155.000	706.100	200.000	707.900	250.000	707.900	300.000
GR	710.400	350.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	1.250	1.500	2.500	0.000	11.000	2.000	31.800	0.000	707.500	695.500
X1	11.000	14.000	144.500	155.500	400.000	400.000	400.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	712.000	724.900	-0.000	-0.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	725.000	725.000	-0.000
BT	12.000	0.000	729.100	0.000	144.500	724.900	709.700	145.000	724.900	711.400
BT	146.800	724.900	712.000	148.600	724.900	711.400	149.000	724.900	709.700	151.000
BT	724.900	709.700	151.600	724.900	711.400	153.200	724.900	712.000	155.000	724.900
BT	711.400	155.500	724.900	709.700	700.000	724.900	0.000	-0.000	-0.000	-0.000
GR	724.200	0.000	709.700	144.500	708.000	145.000	707.500	145.000	708.000	148.600
GR	708.000	148.700	709.700	149.000	709.700	151.000	708.000	151.600	707.500	152.300
GR	708.000	155.000	709.700	155.500	726.000	200.000	725.500	300.000	-0.000	-0.000
NC	.090	.090	.090	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	12.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	1.300	-0.000
X1	16.000	-0.000	-0.000	-0.000	400.000	400.000	400.000	-0.000	5.200	-0.000
X1	19.000	7.000	138.000	158.000	300.000	300.000	300.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	731.000	731.000	-0.000
GR	728.600	0.000	728.400	50.000	726.600	100.000	721.000	138.000	718.000	150.000
GR	720.800	158.000	731.000	200.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	0.000	1.500	2.500	0.000	19.600	0.000	5.000	0.000	719.800	718.900
X1	20.000	11.000	147.500	152.500	100.000	100.000	100.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	724.800	731.000	-0.000	-0.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	731.000	731.000	-0.000
BT	9.000	0.000	732.800	0.000	50.000	732.000	0.000	147.500	731.000	721.500
BT	148.200	731.000	723.700	150.000	731.000	724.000	151.800	731.000	723.700	152.500
BT	731.000	721.500	200.000	731.000	0.000	250.000	732.000	0.000	-0.000	-0.000
GR	727.400	0.000	727.200	50.000	721.200	100.000	721.500	147.500	719.300	148.200

GR	719,000	150,000	719,300	151,800	721,500	152,500	722,200	200,000	729,300	225,000
GR	731,400	250,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	21,000	-0,000	-0,000	-0,000	100,000	100,000	100,000	-0,000	1,600	-0,000
X1	26,000	13,000	143,000	178,000	500,000	500,000	500,000	-0,000	-0,000	-0,000
GR	746,400	0,000	739,800	50,000	735,000	93,000	731,600	96,000	735,200	100,000
GR	730,900	143,000	729,000	148,000	728,600	150,000	728,800	152,000	732,200	178,000
GR	739,800	200,000	752,500	241,000	750,000	250,000	-0,000	-0,000	-0,000	-0,000
EJ	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

07140

280,000	2100,000	695,780	.730	0	0	86,387	-17,013	-0
280,000	3650,000	697,410	1.630	0	0	121,483	-52,109	-0
3,000	310,000	690,240	0	.810	0	6,000	0	500,000
3,000	355,000	696,018	1.778	.968	0	6,000	0	500,000
3,000	645,000	701,930	5.912	6.150	0	6,000	0	500,000
3,000	840,000	709,243	7.313	11.833	0	6,000	0	500,000
4,000	310,000	698,741	0	4.501	0	89,886	0	100,000
4,000	355,000	699,488	.748	3,470	0	94,230	-4,344	100,000
4,000	645,000	703,468	3.980	1,538	0	117,296	-27,410	100,000
4,000	840,000	710,185	6.717	.942	0	156,146	-64,260	100,000
11,500	310,000	705,317	0	6,577	0	14,946	0	750,000
11,500	355,000	705,397	.079	5,909	0	15,144	-.200	750,000
11,500	645,000	706,759	1.362	3,290	0	18,500	-3,594	750,000
11,500	840,000	709,888	3.129	-.298	0	29,772	-10,826	750,000
17,000	310,000	715,460	0	10,104	0	15,346	0	550,000
17,000	355,000	715,910	.450	10,517	0	63,214	-47,868	550,000
17,000	645,000	717,072	1.150	10,314	0	120,843	-105,497	550,000
17,000	840,000	717,119	.047	7,231	0	121,742	-106,396	550,000
17,700	310,000	715,977	0	.513	0	15,968	0	70,000
17,700	355,000	716,396	.419	.482	0	16,000	-.032	70,000
17,700	645,000	717,408	1.013	.334	0	16,000	-.032	70,000
17,700	840,000	717,648	.240	.529	0	16,000	-.032	70,000
18,600	310,000	718,182	0	2,204	0	6,400	0	160,000
18,600	355,000	718,427	.244	2,031	0	6,400	0	160,000
18,600	645,000	720,895	6,460	7,487	0	6,400	0	160,000
18,600	840,000	729,081	4,184	11,433	0	313,661	-307,261	160,000
19,000	310,000	722,204	0	4,023	0	31,631	0	40,000
19,000	355,000	722,425	.219	3,998	0	35,604	-3,972	40,000
19,000	645,000	726,384	3,962	1,491	0	131,417	-99,786	40,000
19,000	840,000	729,065	2,679	-.014	0	179,698	-148,065	40,000
24,000	310,000	728,751	0	6,547	0	71,713	0	500,000
24,000	355,000	728,937	.183	6,512	0	73,877	-2,164	500,000
24,000	645,000	728,510	-.024	2,120	0	68,841	2,872	500,000
24,000	840,000	729,233	.723	.160	0	77,397	-5,684	500,000
30,700	310,000	747,574	0	18,822	0	23,202	0	470,000
30,700	355,000	747,991	.415	19,054	0	37,050	-13,852	470,000
30,700	645,000	748,968	.978	20,055	0	43,498	-20,294	470,000
30,700	840,000	749,434	.465	20,200	1	44,564	-23,362	470,000

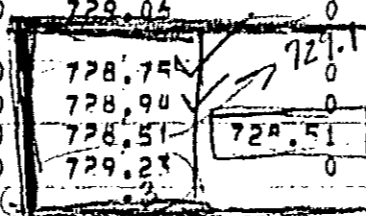
DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1		0	0	3,091	0
2		0	0	3,700	.609
3		0	0	5,001	1,301
4		0	0	6,960	3,870

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB D-7 500-YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CPIWS	EC	TOPWTD	10K+S	TIME	VOL
280.00	-0	0	0	685.80	840.00	693.41	0	693.88	69.37	31.97	0	0
280.00	-0	0	0	685.80	1620.00	695.05	0	695.62	79.81	35.33	0	0
280.00	-0	0	0	685.80	2100.00	695.78	0	696.44	84.39	36.49	0	0
280.00	-0	0	0	685.80	3650.00	697.41	0	698.37	121.48	43.31	0	0
3.00	500.00	746.10	696.60	690.30	310.00	694.21	693.91	697.40	4.00	1645.54	.01	1.18
3.00	500.00	746.10	696.60	690.30	355.00	696.02	694.57	698.70	4.00	1249.21	.01	1.90
3.00	500.00	746.10	696.60	690.30	645.00	701.93	0	703.24	4.00	274.25	.02	2.49
3.00	500.00	746.10	696.60	690.30	840.00	709.24	0	710.00	4.00	137.09	.02	3.64
A 4.00	100.00	0	0	693.40	310.00	698.74	0	698.82	89.89	36.42	.02	1.40
4.00	100.00	0	0	693.40	355.00	699.49	0	699.53	94.23	18.02	.03	2.21
4.00	100.00	0	0	693.40	645.00	703.47	0	703.46	117.30	2.97	.04	3.33
4.00	100.00	0	0	693.40	840.00	710.19	0	710.19	154.15	.41	.07	5.58
11.50	750.00	0	0	701.50	310.00	705.32	0	706.37	10.95	709.35	.05	3.20
11.50	750.00	0	0	701.50	355.00	705.40	705.40	706.70	15.15	853.00	.05	4.62
F 11.50	750.00	0	0	701.50	645.00	706.76	706.76	708.46	18.54	800.84	.06	9.57
11.50	750.00	0	0	701.50	840.00	709.89	0	710.48	29.77	162.08	.10	20.36
17.00	550.00	0	0	708.90	310.00	715.44	0	715.78	15.35	74.36	.08	3.87
17.00	550.00	0	0	708.90	355.00	715.91	0	716.20	63.21	71.34	.08	5.41
17.00	550.00	0	0	708.90	645.00	717.07	0	717.30	120.84	56.30	.10	11.25
17.00	550.00	0	0	708.90	840.00	717.12	0	717.63	121.74	106.35	.13	22.54
17.70	70.00	0	0	708.90	310.00	715.98	0	716.23	15.97	54.63	.09	3.99
17.70	70.00	0	0	708.90	355.00	716.40	0	716.68	16.00	54.95	.09	5.55
17.70	70.00	0	0	708.90	645.00	717.41	0	718.07	14.00	104.25	.10	11.49
17.70	70.00	0	0	708.90	840.00	717.65	0	718.68	16.00	157.17	.13	22.80
18.60	140.00	728.20	719.40	713.00	310.00	718.18	718.18	720.30	4.40	755.80	.09	4.18
18.60	140.00	728.20	719.40	713.00	355.00	718.43	718.43	720.93	4.40	852.28	.09	5.75
18.60	140.00	728.20	719.40	713.00	645.00	720.90	0	726.20	4.40	229.60	.11	11.80
18.60	140.00	728.20	719.40	713.00	840.00	729.08	0	729.08	313.46	.15	.28	27.94
19.00	40.00	0	0	719.40	310.00	722.21	722.21	723.07	31.43	378.93	.09	4.21
19.00	40.00	0	0	719.40	355.00	722.42	722.42	723.31	39.60	355.55	.09	5.70
19.00	40.00	0	0	719.40	645.00	726.39	0	726.46	131.02	13.50	.11	12.00
19.00	40.00	0	0	719.40	840.00	729.04	0	729.00	179.70	3.44	.28	29.50
24.00	500.00	746.10	0	724.90	310.00	728.75	0	728.80	71.71	49.23	.15	5.30
24.00	540.00	746.10	0	724.90	355.00	728.90	0	729.00	73.88	49.88	.15	7.01
24.00	540.00	746.10	0	724.90	645.00	728.51	728.51	729.33	68.44	308.37	.13	15.00
24.00	540.00	746.10	0	724.90	840.00	729.23	0	729.85	77.40	189.33	.31	35.45
30.70	670.00	0	0	744.20	310.00	747.58	747.58	748.63	23.20	419.05	.17	6.60
30.70	670.00	0	0	744.20	355.00	747.99	747.99	748.91	37.05	311.87	.17	8.52
30.70	670.00	0	0	744.20	645.00	748.97	748.97	750.04	43.50	298.50	.16	16.57
30.70	670.00	0	0	744.20	840.00	749.43	749.43	750.66	44.56	306.71	.33	37.59



SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSFLK	TOPWTD	T.W. DIFF	LENGTH
280.000	840.000	693.430	0	0	0	69.374	0	-0
280.000	1620.000	695.050	1.620	0	0	79.808	-10.435	-0

280,000	2100,000	695,780	.730	0	0	86,387	-17,013	-0
280,000	3650,000	697,410	1,630	0	0	121,483	-52,109	-0
3,000	310,000	694,240	0	.810	0	6,000	0	500,000
3,000	355,000	696,018	1,778	.968	0	6,000	0	500,000
3,000	645,000	701,930	5,912	6,150	0	6,000	0	500,000
3,000	840,000	709,243	7,313	11,833	0	6,000	0	500,000
4,000	310,000	698,741	0	4,501	0	89,884	0	100,000
4,000	355,000	699,488	.748	3,470	0	94,230	-4,340	100,000
4,000	645,000	703,468	3,980	1,538	0	117,294	-27,410	100,000
4,000	840,000	710,185	6,717	.942	0	156,146	-66,260	100,000
11,500	310,000	705,317	0	6,577	0	14,946	0	750,000
11,500	355,000	705,397	.079	5,900	0	15,146	-.200	750,000
11,500	645,000	706,759	1,362	3,290	0	18,540	-3,590	750,000
11,500	840,000	709,888	3,129	-.298	0	29,772	-14,826	750,000
17,000	310,000	715,464	0	10,104	0	15,346	0	550,000
17,000	355,000	715,914	.450	10,517	0	63,210	-47,868	550,000
17,000	645,000	717,072	1,159	10,314	0	120,843	-105,497	550,000
17,000	840,000	717,119	.047	7,231	0	121,742	-106,396	550,000
17,700	310,000	715,977	0	.513	0	15,968	0	70,000
17,700	355,000	716,396	.410	.482	0	16,000	-.032	70,000
17,700	645,000	717,408	1,013	.334	0	16,000	-.032	70,000
17,700	840,000	717,608	.240	.520	0	16,000	-.032	70,000
18,600	310,000	718,182	0	2,206	0	6,400	0	160,000
18,600	355,000	718,427	.244	2,031	0	6,400	0	160,000
18,600	645,000	724,695	4,060	7,087	0	6,400	0	160,000
18,600	840,000	729,081	4,186	11,433	0	313,661	-307,261	160,000
19,000	310,000	722,204	0	4,023	0	31,631	0	40,000
19,000	355,000	722,425	.210	3,998	0	35,600	-3,972	40,000
19,000	645,000	726,384	3,962	1,491	0	131,417	-99,786	40,000
19,000	840,000	729,065	2,470	-.016	0	170,698	-148,066	40,000
24,000	310,000	728,753	0	6,547	0	71,713	0	540,000
24,000	355,000	728,937	.183	6,512	0	73,977	-2,164	540,000
24,000	645,000	728,510	-.024	2,124	0	68,841	2,872	540,000
24,000	840,000	729,233	.723	.169	0	77,392	-5,480	540,000
30,700	310,000	747,576	0	18,822	0	23,202	0	470,000
30,700	355,000	747,991	.415	10,050	0	37,050	-13,852	470,000
30,700	645,000	748,968	.978	20,455	0	43,098	-20,296	470,000
30,700	840,000	749,434	.465	20,200	0	46,564	-23,362	470,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE FNC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	2,091	0
2	0	0	2,700	.409
3	0	0	5,041	1,050
4	0	0	6,960	3,874

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

PROFILE PLOTTED
 5-13-76 BY
 S.P. FLETCHER

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRTB D=7 10-YR W

CROSS SECTIONS & FLOOD
 LINES PLOTTED 5-28-76
 ON 1:400 MAP.
 S.P. FLETCHER

J1	ICHECK	INQ	NINV	IDTR	STRT	METRIC	UVINS	N	WSEL	PO
	0	2.	0	0	0	0	0	0	493.430	-0
J2	NPROF	TPLT	PREVS	YBFCV	XSECH	FN	ALLDC	IRW	CHNTH	TTRACE
	1.000	-0	-0	-0	-0	-0	-0	-0	-0	-0
NC	.050	.050	.040	.100	.300	-0	-0	-0	-0	-0
QT	5.000	840.000	1620.000	2100.000	2100.000	3450.000	-0	-0	-0	-0
X1	280.000	14.000	113.000	136.000	-0	-0	-0	-0	-0	-0
GR	703.700	0	702.000	35.000	693.500	64.000	691.600	100.000	490.600	113.000
GR	686.100	117.000	685.800	123.000	684.500	127.000	694.600	134.000	497.100	150.000
GR	697.800	200.000	698.000	217.000	703.200	250.000	709.400	300.000	-0	-0
NC	.090	.090	.060	.100	.300	-0	-0	-0	-0	-0

 MEC2 VERSION UPDATED JAN 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

PROFILE PLOTTED
 5-13-76 BY
 S.P. FLETCHER

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB D-7 10-YR W

CROSS SECTIONS & FLOOD
 LINES PLOTTED 5-28-76

J1 ICHECK INO VINV TOTR STRT METRIC HVINS WSEL EQ
 0 2 0 0 0 0 0 0 493.430 -0

ON 1:400 MAP.

J2 NPROF IPILOT PREVS YSECV YSECH EN AILDC IPW CWNTH ITRACE
 1.000 -0 -0 -0 -0 -0 -0 -0 -0 -0

S.P. FLETCHER

NC	.050	.050	.040	.100	.300	-0	-0	-0	-0	-0	-0
QT	5.000	840.000	1620.000	2100.000	2100.000	3450.000	-0	-0	-0	-0	-0
X1	280.000	14.000	113.000	136.000	-0	-0	-0	-0	-0	-0	-0
GR	703.700	0	702.000	35.000	693.500	60.000	691.600	100.000	690.600	113.000	-0
GR	686.100	117.000	685.800	123.000	686.500	127.000	690.600	134.000	697.100	150.000	-0
GR	697.800	200.000	698.000	217.000	703.200	250.000	709.400	300.000	-0	-0	-0
NC	.090	.090	.060	.100	.300	-0	-0	-0	-0	-0	-0
QT	5.000	310.000	355.000	645.000	645.000	840.000	-0	-0	-0	-0	-0
SB	0	1.500	2.500	0	6.000	0	36.000	0	-0	-0	-0
X1	3.000	18.000	297.000	303.000	500.000	500.000	500.000	-0	-0.300	-0	-0
X2	-0	-0	1.000	496.600	746.100	-0	-0	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	714.100	714.100	-0	-0
BT	12.000	0	718.600	-0	100.000	717.200	-0	200.000	716.500	-0	-0
BT	297.000	716.200	-0	297.000	716.200	693.600	297.000	714.200	696.600	303.000	-0
BT	716.200	696.600	303.000	716.200	693.600	310.000	716.200	-0	400.000	716.100	-0
BT	-0	500.000	716.100	-0	650.000	715.800	-0	-0	-0	-0	-0
GR	721.600	0	720.400	50.000	719.900	100.000	719.100	150.000	717.800	200.000	-0
GR	696.700	246.000	693.600	248.000	693.400	250.000	693.500	252.000	697.400	254.000	-0
GR	693.600	297.000	690.600	297.000	690.600	303.000	693.600	303.000	696.400	310.000	-0
GR	718.300	400.000	719.000	500.000	720.000	650.000	-0	-0	-0	-0	-0
X1	4.000	13.000	246.000	255.000	100.000	100.000	100.000	-0	-0	-0	-0
GR	721.600	0	720.400	50.000	719.900	100.000	719.100	150.000	717.800	198.000	-0
GR	696.700	246.000	693.600	248.000	693.400	250.000	693.500	252.000	697.400	254.000	-0
GR	696.900	300.000	696.400	323.000	718.300	400.000	-0	-0	-0	-0	-0
X1	11.500	7.000	64.000	106.000	750.000	750.000	750.000	-0	-0	-0	-0
GR	720.500	0	707.300	38.000	701.500	47.000	701.700	50.000	702.100	54.000	-0
GR	713.800	64.000	722.200	106.000	-0	-0	-0	-0	-0	-0	-0
X1	17.000	15.000	190.000	206.000	550.000	550.000	550.000	-0	-0	-0	-0
GR	735.000	0	730.000	30.000	725.000	40.000	722.700	100.000	716.400	150.000	-0
GR	716.000	190.000	709.100	197.000	708.900	200.000	709.200	203.000	715.700	206.000	-0
GR	715.600	250.000	719.200	288.000	723.600	100.000	730.000	360.000	735.000	400.000	-0
X1	17.700	0	0	0	70.000	70.000	70.000	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	719.400	719.400	-0	-0
SB	0	1.500	2.500	0	5.500	0	33.200	0	713.500	713.000	-0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB D-6 500-YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY FL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CPIWS	EG	TOPWTD	10K*5	TIME	VOL
261.15	-0	0	0	678.10	380.00	686.75	0	686.77	69.48	6.54	0	0
261.15	-0	0	0	678.10	680.00	688.47	0	688.50	201.42	7.54	0	0
261.15	-0	0	0	678.10	790.00	688.67	0	688.71	215.55	8.89	0	0
261.15	-0	0	0	678.10	1030.00	689.10	0	689.15	245.95	11.22	0	0
8.00	800.00	0	0	684.90	380.00	688.00	0	688.07	171.45	84.43	.11	4.84
8.00	800.00	0	0	684.90	680.00	689.43	0	689.44	217.43	21.80	.15	9.12
8.00	800.00	0	0	684.90	790.00	689.71	0	689.75	222.17	20.55	.15	10.07
8.00	800.00	0	0	684.90	1030.00	690.24	0	690.30	236.10	18.86	.14	12.14
15.00	700.00	0	0	690.20	380.00	694.45	697.06	694.53	190.15	101.22	.21	8.09
15.00	700.00	0	0	690.20	680.00	694.29	694.29	694.64	190.40	509.57	.20	14.32
15.00	700.00	0	0	690.20	790.00	694.39	694.39	694.77	192.88	507.42	.19	15.93
15.00	700.00	0	0	690.20	1030.00	694.47	694.47	695.01	194.69	699.27	.18	19.12
15.79	79.00	0	0	690.20	380.00	695.40	0	696.23	12.00	458.73	.21	8.32
15.79	79.00	0	0	690.20	680.00	697.51	0	698.72	12.00	455.70	.20	14.51
15.79	79.00	0	0	690.20	790.00	697.77	0	699.27	12.00	547.11	.19	16.17
15.79	79.00	0	0	690.20	1030.00	698.72	0	700.68	12.00	631.91	.18	19.41
15.81	2.00	730.40	694.20	687.20	380.00	695.55	691.31	696.24	180.45	32.40	.21	8.33
15.81	2.00	730.40	694.20	687.20	680.00	696.80	693.25	699.08	272.34	110.14	.20	14.55
15.81	2.00	730.40	694.20	687.20	790.00	696.72	694.02	699.79	264.47	148.10	.19	16.18
15.81	2.00	730.40	694.20	687.20	1030.00	696.51	694.20	701.70	251.82	249.42	.18	19.42
18.19	238.00	730.40	694.20	687.20	380.00	696.34	691.31	697.05	224.53	33.67	.22	8.63
18.19	238.00	730.40	694.20	687.20	680.00	699.49	697.25	701.77	420.46	116.30	.20	14.84
18.19	238.00	730.40	694.20	687.20	790.00	700.35	694.02	703.42	453.92	156.94	.20	16.40
18.19	238.00	730.40	694.20	687.20	1030.00	702.65	694.20	707.87	521.29	266.82	.18	19.73
18.21	2.00	0	0	689.10	380.00	696.92	0	697.11	12.00	27.40	.22	8.64
18.21	2.00	0	0	689.10	680.00	701.79	0	701.99	12.00	16.99	.20	14.84
18.21	2.00	0	0	689.10	790.00	703.52	0	703.72	12.00	15.35	.20	16.40
18.21	2.00	0	0	689.10	1030.00	708.20	0	708.38	12.00	11.26	.18	19.73
19.00	79.00	0	0	689.10	380.00	697.19	0	697.21	191.84	5.66	.24	9.04
19.00	79.00	0	0	689.10	680.00	702.01	0	702.01	317.20	.24	.26	16.55
19.00	79.00	0	0	689.10	790.00	703.70	0	703.70	340.59	.15	.26	18.73
19.00	79.00	0	0	689.10	1030.00	708.40	0	708.40	400.35	.04	.27	23.61
26.00	700.00	0	0	696.30	380.00	699.84	699.86	701.10	15.06	477.71	.26	12.20
26.00	700.00	0	0	696.30	680.00	702.02	702.02	702.85	75.80	199.20	.28	30.87
26.00	700.00	0	0	696.30	790.00	703.64	0	703.82	130.74	32.97	.32	39.05
26.00	700.00	0	0	696.30	1030.00	708.40	0	708.42	229.46	1.16	.49	65.04
33.80	780.00	0	0	703.90	380.00	709.61	0	709.80	52.07	47.27	.32	13.56
33.80	780.00	0	0	703.90	680.00	710.49	0	710.83	77.46	41.44	.33	33.33
33.80	780.00	0	0	703.90	790.00	709.32	707.32	710.57	45.73	273.84	.35	42.49
33.80	780.00	0	0	703.90	1030.00	710.04	710.06	711.21	62.89	223.45	.51	76.84

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-KSFLK	TOPWTD	T.W. DIFF	LENGTH
261.150	380.000	686.750	0	0	0	69.480	0	-0
261.150	680.000	688.470	1.720	0	0	201.416	-131.932	-0

261,150	790,000	668,670	.200	0	0	215,558	-146,069	0
261,150	1030,000	669,100	.430	0	0	245,047	-176,463	0
4,000	780,000	668,000	0	1,252	0	171,047	0	800,000
6,000	680,000	668,428	1,428	.056	0	213,428	-41,061	800,000
8,000	790,000	669,712	.288	1,042	0	222,106	-50,720	800,000
8,000	1030,000	690,260	.540	1,188	0	230,098	-67,651	800,000
15,000	780,000	698,050	0	4,048	0	190,150	0	700,000
15,000	680,000	698,258	<u>-.162</u>	0,860	0	190,408	3,750	700,000
15,000	790,000	698,343	.105	0,851	0	187,881	1,271	700,000
15,000	1030,000	698,470	.077	0,710	0	190,645	-.540	700,000
15,700	780,000	695,400	0	.052	0	12,000	0	70,000
15,700	680,000	697,508	2,108	3,220	0	12,000	0	70,000
15,700	790,000	697,757	.257	3,374	0	12,000	0	70,000
15,700	1030,000	698,728	.957	4,258	0	12,000	0	70,000
15,810	780,000	695,551	0	.147	0	120,147	0	2,000
15,810	680,000	694,780	1,210	<u>-.700</u>	0	272,340	-62,898	2,000
15,810	790,000	694,721	<u>-.079</u>	<u>-1,047</u>	0	268,665	-77,210	2,000
15,810	1030,000	694,510	<u>-.210</u>	<u>-2,210</u>	0	251,520	-62,370	2,000
15,810	780,000	694,339	0	.757	0	226,530	0	230,000
15,810	680,000	698,008	1,158	2,400	0	427,652	-100,120	230,000
15,810	790,000	698,340	.330	1,420	0	453,414	-227,365	230,000
15,810	1030,000	698,000	2,800	4,120	0	521,284	-320,750	230,000
15,810	780,000	698,020	0	.020	0	17,000	0	2,000
15,810	680,000	698,001	1,991	2,300	0	17,000	0	2,000
15,810	790,000	698,021	1,211	1,171	0	17,000	0	2,000
15,810	1030,000	698,000	2,800	4,550	0	17,000	0	2,000
15,810	780,000	698,121	0	.121	0	100,840	0	70,000
15,810	680,000	698,110	0,220	.210	0	117,390	-120,350	70,000
15,810	790,000	698,110	1,000	.210	0	140,540	-145,750	70,000
15,810	1030,000	698,110	1,000	.210	0	402,750	-208,510	70,000
15,810	780,000	698,250	0	2,250	0	15,450	0	700,000
15,810	680,000	698,110	2,110	.100	0	75,800	-60,300	700,000
15,810	790,000	698,000	1,800	<u>-.774</u>	0	130,734	-124,270	700,000
15,810	1030,000	698,110	2,700	<u>1,000</u>	0	220,060	-210,000	700,000
15,810	780,000	698,010	0	0,750	0	52,070	0	780,000
15,810	680,000	698,100	3,100	3,071	0	77,456	-25,388	780,000
15,810	790,000	698,000	<u>1,100</u>	3,060	0	45,726	4,340	780,000
15,810	1030,000	698,000	<u>1,100</u>	1,000	0	62,891	-10,021	780,000

add

1,100

1,000

15,810	780,000	698,010	0	0,750	0	52,070	0	780,000
15,810	680,000	698,100	3,100	3,071	0	77,456	-25,388	780,000
15,810	790,000	698,000	1,100	3,060	0	45,726	4,340	780,000
15,810	1030,000	698,000	1,100	1,000	0	62,891	-10,021	780,000

HEC2 VERSION UPDATED JAN 197A
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58

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

PROFILE PLOTTED
 5-13-76 BY
 S.P. FLETCHER

CROSS-SECTIONS & FLOOD
 LINES PLOTTED 5-28-76 ON
 1:400 MAP.

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB 0-6 10-YR W

J1 TCHECK INQ NINV TDIR STPT METRIC HVINS Q WSFL EQ
 0 2 0 0 0 0 0 0 684.750 -0 S.P. FLETCHER

J2 NPROF TPLDT PRFVS YSECV YSFCH FN ALLDC IRW CHNTH TTRACE
 1.000 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0

NC	.090	.090	.090	.100	.300	-0	-0	-0	-0	-0	-0
QT	5.000	380.000	680.000	790.000	790.000	1030.000	-0	-0	-0	-0	-0
X1	261.150	11.000	145.000	175.000	-0	-0	-0	-0	-2.900	-0	-0
GR	695.000	85.000	685.500	120.000	686.000	145.000	681.000	155.000	481.000	164.000	-0
GR	690.500	175.000	691.000	275.000	692.000	325.000	692.000	335.000	691.000	344.000	-0
GR	695.000	370.000	-0	-0	-0	-0	-0	-0	-0	-0	-0
X1	8.000	12.000	192.000	207.000	800.000	800.000	800.000	-0	-0	-0	-0
GR	692.700	0	690.300	50.000	688.600	100.000	686.700	150.000	687.500	192.000	-0
GR	685.300	194.000	685.000	200.000	684.900	204.000	687.300	207.000	686.400	250.000	-0
GR	686.400	285.000	697.300	300.000	-0	-0	-0	-0	-0	-0	-0
X1	15.000	18.000	344.000	356.000	700.000	700.000	700.000	-0	-0	-0	-0
GR	705.000	0	700.000	100.000	698.400	150.000	697.200	200.000	694.200	250.000	-0
GR	693.800	300.000	693.500	344.000	690.200	344.000	691.000	350.000	690.400	354.000	-0
GR	693.600	356.000	693.100	400.000	693.600	450.000	694.200	480.000	696.400	486.000	-0
GR	696.500	500.000	700.600	550.000	706.200	600.000	-0	-0	-0	-0	-0
X1	15.790	-0	-0	-0	79.000	79.000	79.000	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	786.900	786.900	-0	-0
NC	.020	.015	.020	-0	-0	-0	-0	-0	-0	-0	-0
X1	15.810	21.000	446.000	454.000	2.000	2.000	2.000	-0	-0	-0	-0
BT	10.000	0	731.300	-0	100.000	730.700	-0	340.000	730.800	-0	-0
BT	446.000	730.800	690.700	446.000	730.800	694.200	454.000	730.800	694.200	454.000	-0
BT	730.800	690.700	460.000	730.800	-0	550.000	730.400	-0	600.000	731.100	-0
BT	0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
GR	705.000	0	700.000	100.000	698.400	150.000	697.200	200.000	696.200	250.000	-0
GR	693.800	300.000	693.500	344.000	690.200	344.000	691.000	350.000	690.400	354.000	-0
GR	693.600	356.000	693.100	400.000	698.000	444.000	687.200	446.000	687.200	454.000	-0
GR	690.500	454.000	694.200	450.000	695.400	424.000	696.500	500.000	700.600	550.000	-0
GR	706.200	600.000	-0	-0	-0	-0	-0	-0	-0	-0	-0
X1	18.190	-0	-0	-0	238.000	238.000	238.000	-0	-0	-0	-0
X2	-0	-0	-0	-0	-0	-0	-0	1.000	-0	-0	-0
NC	.060	.060	.060	-0	-0	-0	-0	-0	-0	-0	-0
X1	18.210	15.000	342.000	359.000	2.000	2.000	2.000	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	723.500	723.500	-0	-0
GR	715.000	0	709.800	100.000	705.200	150.000	701.000	200.000	697.800	250.000	-0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS D-4-1 500-YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL. OF ROADWAY	MAY EL. OF LOW CHORD	MIN EL. GROUND	DISCHARGE (CFS)	CWSEL	CPI'S	EG	TOPWTD	10K'S	TIME	VOL
55.00	-0	0	0	700.50	240.00	706.17	0	706.21	121.33	22.02	0	0
55.00	-0	0	0	700.50	430.00	706.80	0	706.85	132.91	21.70	0	0
55.00	-0	0	0	700.50	520.00	707.01	0	707.07	134.77	22.97	0	0
55.00	-0	0	0	700.50	660.00	707.32	0	707.39	142.47	23.84	0	0
7.00	1100.00	0	0	711.70	240.00	715.59	715.59	716.9A	9.18	611.2A	.03	2.37
7.00	1100.00	0	0	711.70	430.00	717.41	717.41	717.97	70.03	1A4.04	.05	4.20
7.00	1100.00	0	0	711.70	520.00	717.59	717.59	718.17	85.24	195.10	.05	4.74
7.00	1100.00	0	0	711.70	660.00	717.75	717.75	718.44	90.86	236.84	.05	5.47
18.00	1100.00	0	0	724.50	240.00	730.33	0	730.50	50.43	50.72	.12	3.71
18.00	1100.00	0	0	724.50	430.00	730.81	0	731.14	75.68	84.17	.12	6.79
18.00	1100.00	0	0	724.50	520.00	731.09	0	731.42	81.39	81.53	.12	7.79
18.00	1100.00	0	0	724.50	660.00	731.52	0	731.80	90.04	73.49	.12	9.15
22.00	400.00	0	0	730.30	240.00	733.09	0	733.32	30.41	99.91	.15	4.34
22.00	400.00	0	0	730.30	430.00	734.23	0	734.52	30.79	83.07	.15	7.77
22.00	400.00	0	0	730.30	520.00	734.52	0	734.87	37.45	90.6A	.15	8.92
22.00	400.00	0	0	730.30	660.00	734.91	0	735.32	54.99	103.23	.14	10.54
22.1A	18.00	0	0	730.30	240.00	733.14	0	733.60	19.73	205.14	.15	4.39
22.1A	18.00	0	0	730.30	430.00	734.17	0	734.8A	21.92	209.8A	.15	7.80
22.1A	18.00	0	0	730.30	520.00	734.41	0	735.2A	22.46	243.41	.15	8.94
22.1A	18.00	0	0	730.30	660.00	734.64	0	735.8A	23.00	314.10	.14	10.5A
22.20	2.00	741.30	735.40	732.50	240.00	741.83	741.83	742.22	191.11	75.74	.15	4.39
22.20	2.00	741.30	735.40	732.50	430.00	742.22	742.22	742.6A	192.50	46.52	.15	7.80
22.20	2.00	741.30	735.40	732.50	520.00	742.2A	742.28	742.87	190.55	56.2A	.15	8.94
22.20	2.00	741.30	735.40	732.50	660.00	742.4A	742.48	743.10	203.27	49.77	.14	10.5A
22.80	60.00	741.30	735.40	732.50	240.00	742.27	0	742.40	190.04	12.23	.15	4.4A
22.80	60.00	741.30	735.40	732.50	430.00	742.62	0	742.80	205.98	10.41	.15	7.94
22.80	60.00	741.30	735.40	732.50	520.00	742.80	0	743.05	200.4A	13.55	.15	9.12
22.80	60.00	741.30	735.40	732.50	660.00	743.04	0	743.32	213.78	12.47	.15	10.77
22.82	2.00	0	0	737.30	240.00	742.39	0	742.41	90.28	3.99	.16	4.40
22.82	2.00	0	0	737.30	430.00	742.82	0	742.8A	115.59	8.15	.15	7.95
22.82	2.00	0	0	737.30	520.00	743.02	0	743.0A	123.27	9.75	.15	9.13
22.82	2.00	0	0	737.30	660.00	743.27	0	743.30	132.44	12.37	.15	10.7A
23.00	18.00	0	0	737.30	240.00	742.40	0	742.42	90.84	3.92	.16	4.59
23.00	18.00	0	0	737.30	430.00	742.84	0	742.8A	114.36	7.99	.16	8.07
23.00	18.00	0	0	737.30	520.00	743.04	0	743.00	120.07	9.55	.15	9.26
23.00	18.00	0	0	737.30	660.00	743.27	0	743.3A	132.49	12.11	.15	10.92
27.00	400.00	0	0	739.60	200.00	743.37	743.37	744.80	7.33	720.05	.17	5.7A
27.00	400.00	0	0	739.60	350.00	744.74	744.74	746.03	0.59	729.33	.17	9.53
27.00	400.00	0	0	739.60	420.00	746.13	746.13	747.03	40.39	279.83	.17	10.97
27.00	400.00	0	0	739.60	540.00	746.61	746.61	747.47	52.34	256.57	.16	12.89

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CPIWS	EC	TOPWTD	10K*5	TIME	VOL
30.00	300.00	0	0	746.10	200.00	750.91	0	751.25	32.89	99.48	.19	6.02
F 30.00	300.00	0	0	746.10	350.00	751.90	0	752.23	62.00	80.53	.19	9.94
30.00	300.00	0	0	746.10	420.00	751.88	0	752.34	50.00	120.98	.18	11.51
30.00	300.00	0	0	746.10	540.00	752.22	0	752.73	90.47	126.09	.18	13.59
30.74	74.00	0	0	746.10	200.00	751.56	0	751.72	45.59	41.21	.20	6.13
30.74	74.00	0	0	746.10	350.00	752.48	0	752.63	94.10	36.29	.19	10.14
30.74	74.00	0	0	746.10	420.00	752.70	0	752.86	100.59	38.43	.19	11.73
30.74	74.00	0	0	746.10	540.00	753.08	0	753.24	108.42	38.12	.19	13.86
30.76	2.00	752.00	750.80	746.80	200.00	753.42	753.42	753.82	114.14	58.65	.20	6.13
30.76	2.00	752.00	750.80	746.80	350.00	753.73	753.73	754.22	128.31	74.90	.19	10.17
30.76	2.00	752.00	750.80	746.80	420.00	753.89	753.89	754.40	130.98	65.46	.19	11.73
30.76	2.00	752.00	750.80	746.80	540.00	754.09	754.09	754.64	142.73	62.90	.19	13.87
31.24	48.00	752.00	750.80	746.80	200.00	753.85	0	753.98	133.52	16.48	.20	6.20
31.24	48.00	752.00	750.80	746.80	350.00	754.23	0	754.41	148.49	18.15	.20	10.25
31.24	48.00	752.00	750.80	746.80	420.00	754.38	0	754.58	154.71	17.94	.19	11.84
31.24	48.00	752.00	750.80	746.80	540.00	754.60	0	754.84	163.46	18.40	.19	14.00
31.24	2.00	0	0	752.20	200.00	755.07	755.07	755.70	30.43	346.41	.20	6.20
31.26	2.00	0	0	752.20	350.00	755.71	755.73	756.41	47.10	299.11	.20	10.26
31.26	2.00	0	0	752.20	420.00	755.94	755.94	756.64	52.48	296.11	.19	11.84
31.26	2.00	0	0	752.20	540.00	756.25	756.25	757.01	60.32	291.53	.19	14.00
32.00	74.00	0	0	752.20	200.00	756.29	0	756.39	61.21	37.79	.21	6.30
32.00	74.00	0	0	752.20	350.00	756.99	0	757.11	78.91	40.67	.20	10.43
32.00	74.00	0	0	752.20	420.00	757.23	0	757.37	85.18	41.89	.20	12.04
32.00	74.00	0	0	752.20	540.00	757.59	0	757.75	94.25	43.90	.20	14.24
37.30	530.00	0	0	746.60	200.00	748.91	768.91	749.34	44.05	357.80	.24	7.11
37.30	530.00	0	0	746.60	350.00	749.32	769.32	749.84	54.27	355.34	.23	11.67
37.30	530.00	0	0	746.60	420.00	749.44	769.46	770.07	54.16	362.94	.23	13.44
37.30	530.00	0	0	746.60	540.00	749.68	769.68	770.38	59.25	362.64	.22	15.92

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL - WSEL	TOPWTD	T.W. DIFF	LENGTH
55.000	240.000	706.170	0	0	0	121.331	0	0
55.000	430.000	706.800	.630	0	0	132.912	-11.581	0
55.000	520.000	707.010	.210	0	0	136.772	-15.441	0
55.000	660.000	707.320	.310	0	0	142.471	-21.140	0
7.000	240.000	715.591	0	0	0	9.179	0	1100.000
7.000	430.000	717.414	1.822	10.614	0	79.027	-69.848	1100.000
7.000	520.000	717.590	.177	10.580	0	85.244	-76.065	1100.000
7.000	660.000	717.750	.160	10.430	0	90.863	-81.684	1100.000
18.000	240.000	730.331	0	10.740	0	58.431	0	1100.000
18.000	430.000	730.810	.479	13.397	0	75.681	-17.250	1100.000
18.000	520.000	731.087	.276	13.496	0	81.393	-22.962	1100.000
18.000	660.000	731.519	.432	13.769	0	90.041	-31.610	1100.000
22.000	240.000	733.088	0	2.757	0	30.614	0	400.000
22.000	430.000	734.227	1.139	3.417	0	34.794	-4.181	400.000
22.000	520.000	734.524	.296	3.437	0	37.452	-4.839	400.000
22.000	660.000	734.913	.389	3.394	0	56.988	-24.374	400.000
22.180	240.000	733.100	0	.072	0	19.732	0	18.000
22.180	430.000	734.166	1.066	-.062	0	21.923	-2.191	18.000
22.180	520.000	734.409	.243	-.115	0	22.457	-2.726	18.000

22.160	660.000	730.663	.255	-.249	0	23.000	-3.260	14.000
22.200	240.000	741.427	0	8.667	0	191.113	0	2.000
22.200	430.000	742.222	.395	8.054	0	198.494	-7.384	2.000
22.200	420.000	742.278	.056	7.869	0	199.540	-8.437	2.000
22.200	460.000	742.477	.190	7.813	0	203.265	-12.152	2.000
22.800	240.000	742.272	0	.445	0	190.457	0	60.000
22.800	430.000	742.619	.347	.398	0	205.075	-6.534	60.000
22.800	520.000	742.803	.184	.525	0	209.481	-10.044	60.000
22.800	460.000	743.034	.253	.560	0	213.781	-14.344	60.000
22.820	240.000	742.393	0	.121	0	90.280	0	2.000
22.820	430.000	742.821	.428	.202	0	115.589	-14.300	2.000
22.820	520.000	743.023	.202	.219	0	123.270	-23.980	2.000
22.820	460.000	743.260	.246	.232	0	132.454	-33.357	2.000
23.000	240.000	742.401	0	.007	0	99.834	0	18.000
23.000	430.000	742.837	.436	.015	0	114.362	-14.524	18.000
23.000	520.000	743.041	.205	.018	0	124.068	-20.232	18.000
23.000	460.000	743.292	.251	.021	0	133.480	-33.453	18.000
27.000	200.000	743.367	0	.964	0	7.350	0	400.000
27.000	450.000	744.700	1.373	1.903	0	8.580	-1.250	400.000
27.000	420.000	744.124	1.388	1.085	0	40.384	-33.055	400.000
27.000	540.000	744.610	.484	3.318	0	53.342	-44.012	400.000
30.000	200.000	750.905	0	7.538	0	32.888	0	100.000
30.000	450.000	751.904	.090	7.164	0	62.002	-29.114	100.000
30.000	420.000	751.878	-.024	5.752	0	59.905	-27.014	100.000
30.000	540.000	752.217	.330	4.607	0	90.685	-57.777	100.000
30.740	200.000	751.561	0	.458	0	45.891	0	74.000
30.740	450.000	752.480	.917	.577	0	94.103	-50.212	74.000
30.740	420.000	752.701	.221	.824	0	100.593	-54.702	74.000
30.740	540.000	753.075	.374	.858	0	108.417	-62.524	74.000
30.760	200.000	753.420	0	1.841	0	114.142	0	2.000
30.760	450.000	753.727	.303	1.244	0	128.302	-32.164	2.000
30.760	420.000	753.893	.164	1.191	0	134.984	-18.841	2.000
30.760	540.000	754.084	.192	1.011	0	142.732	-24.590	2.000
31.240	200.000	753.854	0	.430	0	133.517	0	48.000
31.240	450.000	754.224	.372	.499	0	148.488	-14.971	48.000
31.240	420.000	754.378	.152	.485	0	154.710	-21.192	48.000
31.240	540.000	754.602	.225	.514	0	163.402	-29.945	48.000
31.260	200.000	755.071	0	1.217	0	30.428	0	2.000
31.260	450.000	755.730	.460	1.504	0	47.102	-16.470	2.000
31.260	420.000	755.943	.213	1.565	0	52.474	-22.048	2.000
31.260	540.000	756.253	.310	1.451	0	60.314	-29.888	2.000
32.000	200.000	756.288	0	1.217	0	61.205	0	74.000
32.000	450.000	756.984	.698	1.254	0	78.912	-17.704	74.000
32.000	420.000	757.235	.209	1.292	0	85.183	-23.977	74.000
32.000	540.000	757.595	.360	1.342	0	94.245	-33.040	74.000
37.300	200.000	762.904	0	12.618	0	44.044	0	530.000
37.300	450.000	760.317	.411	12.331	0	54.268	-4.222	530.000
37.300	420.000	760.454	.132	12.221	0	56.159	-10.113	530.000
37.300	540.000	760.483	.224	12.088	0	59.244	-13.200	530.000

DATA FOR LAST CROSS SECTION
 PROFILE TYPE ENC TARGET TOP WIDTH TOP WIDTH
 AREA-ACRES AREA-DIFF

1	0	0	4.615	0
2	0	0	7.518	2.702
3	0	0	8.190	3.379
4	0	0	9.045	4.229

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

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

Profile Plotted
 5-12-76 BY
 S.P. FLETCHER

Cross-Section & Flood Lines
 Plotted 5-27-76 on
 1:400 MAP. S.P. FLETCHER

T1	GASTONIA N C										
T2	FLOOD INSURANCE										
T3	TRIB D-4-1 10-YR Q										
J1	CHECK	INO	NJNV	IDTR	STRT	METRIC	HVINS	Q	WSEL	FW	
	0	2	0	0	0	0	0	0	706.170	-0	
J2	NPROF	TPLDT	PRFVS	YSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE	
	1.000	-0	-0	-0	-0	-0	-0	-0	-0	-0	
NC	.060	.060	.060	.100	.300		-0		-0	-0	-0
BT	5.000	240.000	430.000	520.000	520.000	460.000			-0	-0	-0
X1	55.000	14.000	243.000	291.000		-0			-0	-0	-0
GR	719.600	0	714.900	50.000	709.400	100.000	706.000	150.000	704.500	200.000	
GR	705.400	243.000	701.100	247.000	700.500	240.000	700.800	253.000	704.900	255.000	
GR	705.400	266.000	712.200	291.000	712.500	300.000	714.000	350.000		-0	-0
X1	7.000	11.000	145.000	155.000	1100.000	1100.000	1100.000		-0	-0	-0
GR	731.100	0	721.600	50.000	718.200	72.000	717.000	100.000	714.200	145.000	
GR	711.700	148.000	711.700	150.000	711.800	152.000	716.200	155.000	720.000	200.000	
GR	727.300	250.000									
X1	18.000	13.000	146.000	154.000	1100.000	1100.000	1100.000		-0	-0	-0
GR	741.800	0	736.000	50.000	729.300	100.000	730.700	138.000	727.300	146.000	
GR	724.700	146.000	724.600	150.000	724.500	152.000	727.400	154.000	730.700	163.000	
GR	733.600	200.000	738.700	250.000	743.900	300.000					
X1	22.000	16.000	94.000	130.000	400.000	400.000	400.000		-0	-0	-0
GR	747.800	0	744.800	50.000	741.500	94.000	731.000	113.000	730.300	122.000	
GR	730.900	128.000	734.400	130.000	735.800	150.000	734.500	200.000	735.700	211.000	
GR	731.300	216.000	730.900	220.000	730.400	224.000	735.800	226.000	737.700	250.000	
GR	745.300	300.000									
X1	22.180	-0	-0	-0	18.000	18.000	18.000		-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	735.400	735.400	-0	-0
NC	.020	.015	.020	-0	-0	-0	-0	-0	-0	-0	-0
X1	22.200	21.000	98.500	101.500	2.000	2.000	2.000		-0	-0	-0
BT	12.000	0	749.100		50.000	744.800		98.000	742.000		-0
BT	98.500	741.300	733.900	98.900	741.300	735.000	100.000	741.300	735.400	101.100	
BT	741.300	735.000	101.500	741.300	733.900	110.000	741.300		150.000	741.300	
BT	-0	250.000	744.400		300.000	749.500		-0	-0	-0	-0
GR	747.800	0	744.800	50.000	741.500	90.000	733.900	98.500	732.900	98.900	
GR	732.500	100.000	732.900	101.100	733.900	101.500	733.900	110.000	735.000	122.000	
GR	735.000	128.000	736.400	130.000	735.800	150.000	734.500	200.000	735.700	211.000	
GR	735.000	216.000	735.000	220.000	735.000	224.000	735.800	226.000	737.700	250.000	
GR	745.300	300.000									
X1	22.800	-0	-0	-0	60.000	60.000	60.000		-0	-0	-0
X2	-0	-0	-0	-0	-0	-0	1.000		-0	-0	-0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

LTH- 8300' 747.2 665.7 7.5

TRIB D=4 500-YR D

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CASEL	CPIWS	ER	TOPWTD	10K+S	TIME	VOL	
A	3.00	-0	0	0	665.70	650.00	671.10	671.10	672.50	31.97	177.55	0	0
	3.00	-0	0	0	665.70	1110.00	672.80	672.80	673.40	200.94	73.70	0	0
	3.00	-0	0	0	665.70	1310.00	672.88	672.88	673.60	203.30	91.47	0	0
	3.00	-0	0	0	665.70	1700.00	673.24	673.24	673.98	213.28	93.08	0	0
B	13.00	1000.00	0	0	668.60	650.00	677.69	0	678.10	51.49	26.08	.06	2.65
	13.00	1000.00	0	0	668.60	1110.00	678.45	0	679.20	64.74	46.58	.04	5.22
	13.00	1000.00	0	0	668.60	1310.00	679.02	0	679.81	78.04	44.47	.04	5.87
	13.00	1000.00	0	0	668.60	1700.00	679.67	0	680.58	95.88	48.57	.08	7.39
C	20.70	770.00	0	0	672.90	650.00	680.90	0	681.20	147.53	75.70	.10	5.70
	20.70	770.00	0	0	672.90	1110.00	682.42	0	682.60	214.57	39.95	.11	11.10
	20.70	770.00	0	0	672.90	1310.00	682.83	0	683.01	230.51	37.40	.11	12.90
	20.70	770.00	0	0	672.90	1700.00	683.54	0	683.71	258.08	33.03	.11	16.51
	21.00	30.00	0	0	672.90	650.00	680.94	0	681.65	17.00	111.96	.10	5.80
	21.00	30.00	0	0	672.90	1110.00	681.68	0	683.28	17.00	226.62	.11	11.30
	21.00	30.00	0	0	672.90	1310.00	681.63	0	683.88	17.00	322.66	.11	13.17
	21.00	30.00	0	0	672.90	1700.00	681.97	681.97	685.40	17.00	464.91	.11	16.80
	21.70	70.00	688.20	685.80	678.80	650.00	683.70	0	685.51	13.00	698.95	.10	5.93
	21.70	70.00	688.20	685.80	678.80	1110.00	685.29	685.16	688.22	13.00	819.91	.11	11.50
	21.70	70.00	688.20	685.80	678.80	1310.00	686.13	0	689.20	13.00	776.06	.11	13.33
	21.70	70.00	688.20	685.80	678.80	1700.00	688.78	0	688.70	349.14	1.77	.14	18.73
D	22.90	120.00	0	0	677.10	650.00	685.80	0	685.80	183.18	3.16	.14	7.07
	22.90	120.00	0	0	677.10	1110.00	688.58	0	688.50	254.59	1.93	.15	13.50
	22.90	120.00	0	0	677.10	1310.00	689.67	0	689.68	287.45	1.60	.15	15.76
	22.90	120.00	0	0	677.10	1700.00	688.79	0	688.80	262.75	4.00	.16	23.86
E	32.20	930.00	0	0	682.20	560.00	686.17	0	686.80	211.64	140.68	.18	16.20
	32.20	930.00	0	0	682.20	980.00	688.65	0	689.27	45.57	87.41	.19	29.97
	32.20	930.00	0	0	682.20	1160.00	689.70	0	690.24	58.71	45.17	.19	35.97
	32.20	930.00	0	0	682.20	1490.00	688.97	0	690.20	40.55	165.48	.19	41.00
	32.50	30.00	0	0	682.20	560.00	686.74	0	687.20	25.33	103.21	.18	16.31
	32.50	30.00	0	0	682.20	980.00	688.92	0	689.53	26.00	84.70	.19	30.08
	32.50	30.00	0	0	682.20	1160.00	689.65	0	690.40	26.00	75.51	.20	36.11
	32.50	30.00	0	0	682.20	1490.00	689.54	0	690.70	26.00	144.06	.19	41.22
	33.10	60.00	693.20	690.20	684.50	560.00	689.54	689.00	691.34	13.50	601.22	.18	16.41
	33.10	60.00	693.20	690.20	684.50	980.00	693.85	0	693.90	184.81	11.40	.20	30.66
	33.10	60.00	693.20	690.20	684.50	1160.00	694.30	0	694.30	189.09	11.40	.20	36.77
	33.10	60.00	693.20	690.20	684.50	1490.00	694.73	0	694.80	192.57	14.58	.20	41.92
	33.20	10.00	0	0	684.40	560.00	691.49	0	691.57	97.45	13.31	.18	16.45
	33.20	10.00	0	0	684.40	980.00	693.87	0	693.91	210.52	4.58	.20	30.81
	33.20	10.00	0	0	684.40	1160.00	694.35	0	694.40	221.39	4.28	.21	36.45
	33.20	10.00	0	0	684.40	1490.00	694.75	0	694.81	230.30	5.18	.20	42.12

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	CRIWB	ER	TOPWTD	10KWS	TIME	VOL
43.00	980.00	0	0	689.90	540.00	695.20	695.20	695.60	107.16	207.50	.23	20.56
G 43.00	980.00	0	0	689.90	950.00	695.65	695.65	696.27	145.39	240.44	.25	39.70
43.00	980.00	0	0	689.90	1110.00	695.76	695.76	696.44	147.40	256.01	.25	47.31
43.00	980.00	0	0	689.90	1440.00	696.08	696.08	696.75	158.26	230.37	.25	54.03
55.00	800.00	0	0	700.50	540.00	706.17	0	706.35	121.31	92.33	.30	23.05
55.00	800.00	0	0	700.50	950.00	706.79	0	707.00	132.80	85.44	.30	43.55
H 55.00	800.00	0	0	700.50	1110.00	707.01	0	707.27	134.70	83.06	.30	51.49
55.00	800.00	0	0	700.50	1440.00	707.32	0	707.60	142.37	89.33	.29	59.05
71.00	1600.00	0	0	723.00	210.00	725.68	725.68	726.02	61.37	331.68	.40	26.89
I 71.00	1600.00	0	0	723.00	375.00	726.03	726.03	726.48	72.42	354.50	.38	49.27
71.00	1600.00	0	0	723.00	440.00	726.18	726.18	726.64	77.27	322.47	.39	57.95
71.00	1600.00	0	0	723.00	580.00	726.38	0	726.93	81.34	329.47	.37	66.59
72.25	125.00	0	0	723.00	210.00	727.52	726.81	727.50	88.08	4.94	.43	27.23
72.25	125.00	0	0	723.00	375.00	727.44	727.44	727.51	87.24	17.64	.40	49.61
72.25	125.00	0	0	723.00	440.00	727.42	727.42	727.51	84.99	25.14	.40	58.33
72.25	125.00	0	0	723.00	580.00	727.71	0	727.83	90.15	28.91	.38	67.04
72.75	50.00	744.40	727.40	720.00	210.00	733.61	0	733.90	0.00	149.74	.43	27.37
72.75	50.00	744.40	727.40	720.00	375.00	744.25	0	744.55	0.00	82.64	.40	49.80
72.75	50.00	744.40	727.40	720.00	440.00	744.28	0	744.70	0.00	113.30	.40	58.48
72.75	50.00	744.40	727.40	720.00	580.00	744.95	0	744.95	499.11	.01	.49	49.91
73.00	25.00	0	0	727.20	210.00	733.92	0	734.20	0.00	49.38	.43	27.39
73.00	25.00	0	0	727.20	375.00	744.52	0	744.58	228.00	.01	.45	50.48
J 73.00	25.00	0	0	727.20	440.00	744.74	0	744.74	220.29	.02	.44	59.17
73.00	25.00	0	0	727.20	580.00	744.95	0	744.95	230.96	.03	.42	71.97
83.00	1000.00	0	0	743.30	210.00	746.70	746.70	747.88	10.26	477.64	.46	28.20
83.00	1000.00	0	0	743.30	375.00	747.87	747.87	749.43	12.40	474.72	.47	77.20
83.00	1000.00	0	0	743.30	440.00	749.01	749.01	749.51	85.84	150.81	.49	86.95
83.00	1000.00	0	0	743.30	580.00	749.18	749.18	749.80	90.05	192.20	.47	100.47

SECTION NUMBER	DISCHARGE CFS	CASEL	CASEL DIFF EACH 0	CASEL DIFF EACH SECTION	CASEL-KSELK	TOPWTD	T.A. DIFF	LENGTH
3,000	650,000	671,100	0	0	0	31,968	0	0
3,000	1110,000	672,727	1,627	0	0	200,942	-168,974	0
3,000	1310,000	672,878	081	0	0	203,297	-171,320	0
3,000	1700,000	673,241	363	0	0	213,283	-181,315	0
13,000	650,000	677,691	0	6,592	0	51,695	0	1000,000
13,000	1110,000	678,446	.755	5,649	0	64,238	-12,543	1000,000
13,000	1310,000	679,017	.571	6,139	0	78,042	-26,347	1000,000
13,000	1700,000	679,674	.657	6,433	0	95,870	-44,184	1000,000
20,700	650,000	680,898	0	3,206	0	147,533	0	770,000
20,700	1110,000	682,422	1,524	3,976	0	214,564	-67,033	770,000
20,700	1310,000	682,826	.404	3,809	0	230,509	-82,974	770,000
20,700	1700,000	683,541	.715	3,867	0	256,083	-108,550	770,000
21,000	650,000	680,959	0	.062	0	17,000	0	30,000
21,000	1110,000	681,670	.719	-.743	0	17,000	0	30,000
21,000	1310,000	681,625	-.050	-1,201	0	17,000	0	30,000
21,000	1700,000	681,960	.344	-1,572	0	17,000	0	30,000
21,700	650,000	683,698	0	2,738	0	13,000	0	70,000
21,700	1110,000	685,286	1,588	3,607	0	13,000	0	70,000
21,700	1310,000	685,177	.842	4,502	0	13,000	0	70,000

22,700	1700,000	688,777	2,650	6,808	0	349,150	-336,150	70,000
22,800	850,000	685,805	0	2,107	0	183,179	0	120,000
22,900	1110,000	688,576	2,771	3,290	0	256,590	-73,411	120,000
22,950	1310,000	689,666	1,089	3,538	0	287,449	-100,270	120,000
22,950	1700,000	688,792	-.874	.015	0	262,746	-70,567	120,000
32,200	560,000	686,160	0	.365	0	24,635	0	930,000
32,200	980,000	688,680	2,480	.073	0	45,567	-20,931	930,000
32,200	1160,000	689,700	1,051	.034	0	58,706	-30,071	930,000
32,200	1490,000	688,972	-.728	.180	0	40,550	-20,914	930,000
32,500	560,000	685,738	0	.569	0	25,326	0	30,000
32,500	980,000	688,910	2,181	.270	0	26,000	-.670	30,000
32,500	1160,000	689,853	.934	.153	0	26,000	-.674	30,000
32,500	1490,000	689,536	-.314	.563	0	26,000	-.674	30,000
33,100	560,000	689,557	0	2,818	0	13,800	0	60,000
33,100	980,000	693,852	4,295	4,932	0	186,808	-173,008	60,000
33,100	1160,000	694,338	.484	4,484	0	189,995	-176,195	60,000
33,100	1490,000	694,730	.393	5,195	0	192,568	-178,768	60,000
33,200	560,000	691,493	0	1,936	0	97,445	0	10,000
33,200	980,000	693,866	2,373	.019	0	210,518	-113,073	10,000
33,200	1160,000	694,354	.088	.016	0	221,395	-123,949	10,000
33,200	1490,000	694,754	.399	.023	0	230,295	-132,850	10,000
43,000	540,000	695,197	0	3,704	0	107,157	0	980,000
43,000	950,000	695,645	.449	1,779	0	145,392	-38,235	980,000
43,000	1110,000	695,764	.119	1,410	0	149,401	-42,244	980,000
43,000	1440,000	696,075	.311	1,322	0	158,250	-51,102	980,000
55,000	540,000	706,170	0	10,974	0	121,300	0	800,000
55,000	950,000	706,795	.625	11,150	0	132,798	-11,488	800,000
55,000	1110,000	707,012	.217	11,248	0	136,696	-17,386	800,000
55,000	1440,000	707,316	.304	11,241	0	142,368	-21,059	800,000
71,000	210,000	725,685	0	10,515	0	61,373	0	1400,000
71,000	375,000	726,032	.347	10,237	0	72,416	-11,043	1400,000
71,000	440,000	726,184	.152	10,172	0	77,273	-15,900	1400,000
71,000	580,000	726,383	.199	10,067	0	81,337	-19,960	1400,000
72,250	210,000	727,520	0	1,836	0	88,078	0	125,000
72,250	375,000	727,444	-.077	1,412	0	87,241	.837	125,000
72,250	440,000	727,421	-.023	1,237	0	86,980	1,089	125,000
72,250	580,000	727,710	1,289	1,326	0	90,150	-2,076	125,000
72,750	210,000	733,610	0	6,040	0	0,000	0	50,000
72,750	375,000	744,247	10,637	16,803	0	0,000	0	50,000
72,750	440,000	744,282	.036	16,862	0	0,000	0	50,000
72,750	580,000	744,946	.660	17,236	0	499,108	-495,108	50,000
73,000	210,000	733,924	0	.313	0	8,000	0	25,000
73,000	375,000	744,579	10,659	.332	0	227,997	-210,997	25,000
73,000	440,000	744,738	.159	0	0	229,286	-221,286	25,000
73,000	580,000	744,946	.207	-.000	0	230,957	-222,957	25,000
83,000	210,000	746,703	0	12,779	0	10,258	0	1000,000
83,000	375,000	747,867	1,164	3,288	0	12,399	-2,141	1000,000
83,000	440,000	749,012	1,144	4,273	0	85,842	-75,584	1000,000
83,000	580,000	749,181	.170	4,236	0	90,047	-83,789	1000,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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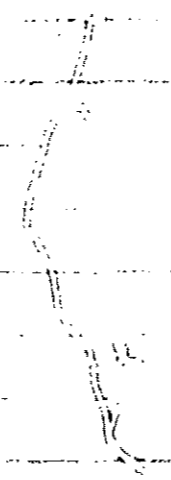
1	0	0	13.982	0
2	0	0	22.860	9.278
3	0	0	25.100	11.517
4	0	0	27.213	13.631

MEC2 VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58

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

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB D=4 500-YR Q

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	D	WSEL	FD
	0	6.	0	0	0	0	0	0	672,900	=0
J2	NPRDF	TPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	15,000	=0	=0	=0	=0	=0	=0	=0	=0	=0



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

PROFILE PLOTTED
 5-11-76 BY
 S.P. FLETCHER

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIS D-4 10-YR D

CROSS-SECTIONS & FLOOD LINES

J1	ICHECK	INC	NINVT	IDIR	STRT	METHC	WVINS	D	WSEL	FD
	0	2	0	0	0	0	0	0	670.500	-0
J2	NPROF	IPLUT	DEEVS	YSECV	YSECH	FN	ALDLC	IRW	CHNIM	ITRACE
	1,000	-0	-0	-0	-0	-0	-0	-0	-0	-0

PLOTTED 5-27-76 ON
 1:400 MAP. S.P. FLETCHER

NC	.060	.040	.040	.100	.300	-0	-0	-0	-0	-0
QT	5,000	650,000	1110,000	1310,000	1310,000	1700,000	-0	-0	-0	-0
X1	3,000	21,000	345,000	356,000	-0	-0	-0	-0	-0	-0
GR	690,000	0	685,000	30,000	680,000	100,000	675,000	160,000	672,800	200,000
GR	672,100	250,000	671,400	300,000	671,700	320,000	675,200	320,500	671,500	321,000
GR	667,900	345,000	666,100	347,000	665,700	350,000	666,000	353,000	671,800	354,000
GR	672,600	400,000	674,900	439,000	679,900	450,000	680,700	457,000	682,100	500,000
GR	665,200	550,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	13,000	13,000	140,000	157,000	1000,000	1000,000	1000,000	-0	-0	-0
GR	687,200	0	682,000	22,000	680,800	50,000	678,600	100,000	675,300	140,000
GR	668,600	147,000	668,800	150,000	669,400	153,000	676,400	157,000	681,600	180,000
GR	682,000	200,000	682,700	250,000	685,900	300,000	-0	-0	-0	-0
NC	.100	.100	.060	.100	.300	-0	-0	-0	-0	-0
X1	20,700	15,000	240,000	257,000	770,000	770,000	770,000	-0	-0	-0
GR	695,200	0	693,300	50,000	689,700	100,000	684,100	128,000	683,400	150,000
GR	681,300	200,000	680,300	240,000	674,100	246,000	673,600	250,000	672,900	254,000
GR	678,800	257,000	680,500	300,000	680,000	350,000	683,200	400,000	693,600	450,000
X1	21,000	-0	-0	-0	30,000	30,000	30,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	785,800	785,800	-0
SB	1,250	1,500	3,000	200,000	13,000	1,000	84,000	-0	-0	-0
X1	21,700	20,000	243,000	256,000	70,000	70,000	70,000	-0	-0	-0
X2	-0	-0	1,000	685,800	688,200	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	488,700	488,700	-0
GR	695,200	0	693,300	50,000	689,700	100,000	684,100	128,000	683,400	150,000
GR	681,300	200,000	680,300	240,000	682,300	243,000	678,800	243,000	678,800	249,000
GR	682,300	249,000	682,300	250,000	678,800	250,000	678,800	254,000	682,300	256,000
GR	678,800	260,000	680,500	300,000	680,000	350,000	683,200	400,000	693,600	500,000
X1	22,900	18,000	242,000	259,000	120,000	120,000	120,000	-0	-0	-0
GR	701,000	0	699,300	50,000	695,000	100,000	690,700	135,000	684,100	225,000
GR	682,600	233,000	680,400	242,000	678,200	244,000	677,100	250,000	678,100	256,000
GR	680,600	259,000	681,200	300,000	680,900	350,000	684,800	400,000	690,500	450,000
GR	693,000	500,000	698,200	550,000	703,800	600,000	-0	-0	-0	-0
QT	5,000	560,000	980,000	1160,000	1160,000	1490,000	-0	-0	-0	-0
X1	32,200	17,000	136,000	162,000	930,000	930,000	930,000	-0	-0	-0

GR	699,400	0	699,600	15,000	699,300	30,000	700,000	40,000	692,700	50,000
GR	690,200	100,000	686,800	136,000	682,400	140,000	682,200	150,000	682,400	160,000
GR	688,700	162,000	692,200	169,000	691,400	188,000	692,000	200,000	691,300	222,000
GR	696,700	250,000	701,000	300,000	-0	-0	-0	-0	-0	-0
X1	32,500	-0	-0	-0	30,000	30,000	30,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	490,500	490,500	-0
SB	1,250	1,500	3,000	-0	13,000	1,000	56,500	-0	-0	-0
X1	33,100	26,000	143,100	156,900	60,000	60,000	60,000	-0	-0	-0
X2	-0	-0	1,000	690,200	693,200	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	693,700	693,700	-0
BT	18,000	0	701,300	-0	50,000	497,300	-0	100,000	490,700	-0
BT	140,000	693,500	-0	143,100	693,200	487,400	143,900	493,200	489,400	146,000
BT	693,200	690,200	148,000	693,200	689,400	108,900	693,200	487,400	151,100	493,200
BT	687,600	151,900	693,200	689,700	154,000	493,200	690,500	156,000	493,200	689,700
BT	156,900	693,200	687,600	160,000	693,200	-0	204,000	693,000	-0	250,000
BT	694,400	-0	350,000	702,700	-0	-0	-0	-0	-0	-0
GR	699,400	0	699,600	15,000	699,300	30,000	700,000	40,000	692,700	50,000
GR	690,200	100,000	686,800	136,000	682,400	140,000	687,400	143,100	685,300	143,900
GR	684,500	146,000	685,300	148,000	687,400	168,900	687,600	151,100	685,600	151,900
GR	684,800	154,000	685,600	156,000	687,600	156,900	682,400	160,000	688,700	162,000
GR	692,200	169,000	691,400	188,000	692,000	200,000	691,300	222,000	694,700	250,000
GR	701,000	350,000	-0	-0	-0	-0	-0	-0	-0	-0
VC	.050	.050	.060	.100	.300	-0	-0	-0	-0	-0
X1	33,200	15,000	142,000	155,000	10,000	10,000	10,000	-0	-0	-0
GR	699,400	0	692,800	50,000	689,700	100,000	687,500	142,000	685,100	147,000
GR	685,000	150,000	684,400	153,000	684,900	155,000	693,000	173,000	692,400	188,000
GR	692,500	204,000	692,000	218,000	693,700	250,000	697,100	300,000	703,700	350,000
BT	5,000	540,000	950,000	1110,000	1110,000	1440,000	-0	-0	-0	-0
X1	43,000	13,000	245,000	257,000	980,000	980,000	980,000	-0	-0	-0
GR	710,300	0	704,400	50,000	699,400	100,000	695,900	150,000	693,800	200,000
GR	694,800	245,000	691,000	247,000	690,400	250,000	689,900	253,000	695,000	257,000
GR	695,500	300,000	698,000	325,000	704,400	350,000	-0	-0	-0	-0
X1	55,000	14,000	243,000	291,000	800,000	800,000	800,000	-0	-0	-0
GR	719,400	0	714,900	50,000	709,400	100,000	704,000	150,000	704,500	200,000
GR	705,400	243,000	701,100	247,000	700,500	250,000	700,800	253,000	704,900	255,000
GR	705,400	246,000	712,200	291,000	712,500	300,000	714,000	350,000	-0	-0
BT	5,000	210,000	375,000	440,000	440,000	580,000	-0	-0	-0	-0
X1	71,000	16,000	244,000	253,000	1600,000	1600,000	1600,000	-0	-0	-0
GR	748,600	0	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000
GR	732,700	200,000	727,200	244,000	723,400	246,000	723,200	250,000	723,000	252,000
GR	726,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000	739,200	400,000
GR	745,000	510,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	72,250	-0	-0	-0	125,000	125,000	125,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	727,400	727,400	-0
SB	0	1,500	3,000	200,000	3,140	0	12,600	0	-0	-0
X1	72,750	22,000	198,000	202,000	50,000	50,000	50,000	-0	-0	-0
X2	-0	-0	1,000	727,400	744,400	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	744,900	744,900	-0
GR	748,600	0	741,200	20,000	740,200	50,000	736,600	100,000	737,600	150,000
GR	733,700	190,000	725,400	198,000	720,000	198,400	723,400	200,000	724,000	201,400
GR	725,400	202,000	731,400	210,000	727,200	204,000	723,400	246,000	723,200	250,000
GR	723,000	252,000	724,300	253,000	724,600	300,000	725,300	323,000	734,500	350,000
GR	739,200	400,000	745,000	510,000	-0	-0	-0	-0	-0	-0
X1	73,000	10,000	146,000	154,000	25,000	25,000	25,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	744,400	744,400	-0
GR	746,500	0	736,400	50,000	733,000	100,000	728,900	146,000	727,500	148,000
GR	727,200	150,000	727,300	152,000	728,700	154,000	732,500	200,000	748,600	250,000

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB D-3 500-YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF TOP OF CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	CP1WS	EG	TOPWTD	10K*5	TIME	VOL
218.95		0	0	0	661.50	510.00	669.62	0	669.60	260.01	10.28	0
218.95		0	0	0	661.50	900.00	670.60	0	670.71	300.48	9.52	0
218.95		0	0	0	661.50	1050.00	671.13	0	671.15	312.76	8.45	0
218.95		0	0	0	661.50	1350.00	672.17	0	672.19	330.86	5.78	0
4.00	650.00	0	0	0	664.40	510.00	670.60	0	670.63	414.84	24.56	.16
4.00	650.00	0	0	0	664.40	900.00	671.45	0	671.47	437.43	14.70	.17
4.00	650.00	0	0	0	664.40	1050.00	671.70	0	671.81	445.09	12.28	.17
4.00	650.00	0	0	0	664.40	1350.00	672.61	0	672.62	465.02	7.71	.18
5.50	150.00	0	0	0	664.40	510.00	671.07	0	671.64	10.00	242.19	.17
5.50	150.00	0	0	0	664.40	900.00	670.61	670.41	672.90	12.00	991.43	.17
5.50	150.00	0	0	0	664.40	1050.00	671.28	671.28	673.57	10.00	956.15	.17
5.50	150.00	0	0	0	664.40	1350.00	672.72	0	672.73	467.44	6.95	.23
6.50	100.00	680.80	672.30	666.30	510.00	671.25	0	672.30	12.00	466.91	.17	
6.50	100.00	680.80	672.30	666.30	900.00	671.64	0	674.70	12.00	1127.17	.17	
6.50	100.00	680.80	672.30	666.30	1050.00	674.48	0	676.20	12.00	424.05	.18	
6.50	100.00	680.80	672.30	666.30	1350.00	673.60	673.40	677.20	12.00	973.70	.23	
8.00	150.00	0	0	0	666.70	510.00	673.50	0	673.55	192.42	26.72	.19
8.00	150.00	0	0	0	666.70	900.00	675.42	0	675.40	270.85	8.70	.21
8.00	150.00	0	0	0	666.70	1050.00	676.62	0	676.63	280.99	4.35	.22
8.00	150.00	0	0	0	666.70	1350.00	677.81	0	677.83	290.99	3.21	.27
13.00	500.00	0	0	0	669.10	510.00	675.03	0	675.00	160.58	35.84	.27
13.00	500.00	0	0	0	669.10	900.00	676.11	0	676.14	242.50	27.20	.29
13.00	500.00	0	0	0	669.10	1050.00	676.97	0	677.00	264.47	14.55	.32
13.00	500.00	0	0	0	669.10	1350.00	678.04	0	678.08	280.75	9.11	.38
22.00	900.00	0	0	0	673.40	490.00	679.50	0	679.65	188.82	77.91	.37
22.00	900.00	0	0	0	673.40	700.00	679.85	0	679.90	222.59	89.75	.38
22.00	900.00	0	0	0	673.40	1020.00	679.91	679.04	680.17	230.17	173.60	.35
22.00	900.00	0	0	0	673.40	1310.00	680.06	679.76	680.30	252.60	219.01	.44
22.15	15.00	0	0	0	673.40	490.00	679.41	0	680.00	21.00	277.67	.37
22.15	15.00	0	0	0	673.40	700.00	679.37	0	680.50	21.00	585.24	.38
22.15	15.00	0	0	0	673.40	1020.00	679.72	679.72	681.80	21.00	934.32	.38
22.15	15.00	0	0	0	673.40	1310.00	680.44	0	680.60	274.81	111.82	.44
23.00	85.00	708.70	680.40	671.60	490.00	679.73	0	681.10	4.20	925.40	.37	
23.00	85.00	708.70	680.40	671.60	700.00	680.53	0	683.01	4.20	1459.14	.38	
23.00	85.00	708.70	680.40	671.60	1020.00	685.17	0	687.45	4.20	1021.04	.38	
23.00	85.00	708.70	680.40	671.60	1310.00	691.40	0	693.20	4.20	645.92	.44	
27.00	400.00	0	0	0	675.50	490.00	683.03	0	683.04	177.55	13.52	.46
27.00	400.00	0	0	0	675.50	700.00	684.20	0	684.31	210.59	7.55	.48
27.00	400.00	0	0	0	675.50	1020.00	687.87	0	687.88	280.56	1.33	.55
27.00	400.00	0	0	0	675.50	1310.00	693.41	0	693.42	432.11	.23	.73

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EA	TOPWID	10K+8	TIME	VOL
34.00	700.00	0	0	680.30	430.00	685.29	0	685.39	185.03	256.57	.54	25.64
34.00	700.00	0	0	680.30	770.00	685.80	0	685.93	201.47	201.27	.55	42.76
34.00	700.00	0	0	680.30	900.00	688.05	0	688.07	254.80	10.00	.72	67.35
34.00	700.00	0	0	680.30	1150.00	693.44	0	693.44	359.60	.54	1.14	122.81
50.00	1600.00	0	0	702.00	430.00	707.24	0	707.30	89.65	85.19	.71	31.95
50.00	1600.00	0	0	702.00	770.00	707.99	706.59	708.15	117.84	101.53	.69	52.25
50.00	1600.00	0	0	702.00	900.00	706.68	706.68	707.52	77.76	891.11	.78	84.11
50.00	1600.00	0	0	702.00	1150.00	706.98	706.98	707.93	83.75	883.05	1.20	170.95

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
218.950	510.000	669.620	0	0	0	250.010	0	0
218.950	900.000	670.690	1.070	0	0	300.470	-40.464	0
218.950	1050.000	671.130	.440	0	0	312.763	-52.748	0
218.950	1350.000	672.170	1.040	0	0	334.862	-74.848	0
4.000	510.000	670.605	0	.985	0	416.835	0	650.000
4.000	900.000	671.455	.850	.765	0	437.433	-20.597	650.000
4.000	1050.000	671.791	.336	.661	0	445.488	-28.653	650.000
4.000	1350.000	672.606	.815	.436	0	465.018	-48.182	650.000
5.500	510.000	671.069	0	.464	0	19.000	0	150.000
5.500	900.000	670.812	.257	.643	0	19.000	0	150.000
5.500	1050.000	671.283	.471	.508	0	19.000	0	150.000
5.500	1350.000	672.714	1.433	.111	0	467.442	-448.442	150.000
6.500	510.000	671.246	0	.177	0	12.000	0	100.000
6.500	900.000	671.660	.415	.849	0	12.000	0	100.000
6.500	1050.000	674.445	2.784	3.161	0	12.000	0	100.000
6.500	1350.000	673.402	.842	.884	0	12.000	0	100.000
8.000	510.000	673.503	0	2.257	0	192.620	0	150.000
8.000	900.000	675.421	1.918	3.760	0	270.850	-78.229	150.000
8.000	1050.000	676.615	1.194	2.171	0	280.990	-88.370	150.000
8.000	1350.000	677.813	1.198	4.211	0	290.988	-98.368	150.000
13.000	510.000	675.035	0	1.532	0	169.580	0	500.000
13.000	900.000	676.110	1.074	.690	0	242.536	-72.952	500.000
13.000	1050.000	676.965	.855	.350	0	266.474	-96.890	500.000
13.000	1350.000	678.057	1.091	.243	0	284.751	-115.167	500.000
22.000	490.000	679.501	0	0.507	0	188.818	0	900.000
22.000	700.000	679.854	.353	3.744	0	222.590	-33.773	900.000
22.000	1020.000	679.907	.052	2.942	0	230.160	-41.351	900.000
22.000	1310.000	680.062	.155	2.005	0	252.597	-63.770	900.000
22.150	490.000	679.411	0	.130	0	21.000	0	15.000
22.150	700.000	679.373	.038	.481	0	21.000	0	15.000
22.150	1020.000	679.723	.350	.184	0	21.000	0	15.000
22.150	1310.000	680.459	.734	.397	0	276.805	-255.805	15.000
23.000	490.000	679.727	0	.317	0	6.200	0	85.000
23.000	700.000	680.533	.806	1.160	0	6.200	0	85.000
23.000	1020.000	685.169	4.636	5.447	0	6.200	0	85.000
23.000	1310.000	691.444	6.275	10.984	0	6.200	0	85.000
27.000	490.000	683.030	0	3.303	0	177.552	0	400.000
27.000	700.000	684.280	1.250	3.756	0	214.594	-37.042	400.000
27.000	1020.000	687.860	3.580	2.700	0	284.562	-107.010	400.000

27,000	1310,000	693,410	5.549	1,970	0	432,115	-254,563	400,000
34,000	430,000	685,294	0	2,263	0	185,028	0	700,000
34,000	770,000	685,799	.505	1,510	0	201,471	-14,443	700,000
34,000	900,000	687,048	2.249	.179	0	256,796	-71,767	700,000
34,000	1150,000	693,437	5.388	.022	0	359,596	-174,567	700,000
50,000	430,000	707,237	0	21,943	0	88,640	0	1600,000
50,000	770,000	707,993	.757	22,195	0	117,842	-29,193	1600,000
50,000	900,000	706,682	1.312	18,633	0	77,760	10,885	1600,000
50,000	1150,000	706,983	.301	13,546	0	83,751	4,898	1600,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	20,815	0
2	0	0	24,855	4,040
3	0	0	27,169	6,353
4	0	0	34,384	13,569

GT	5.000	290.000	700.000	1020.000	1020.000	1510.000	-0	-0	-0
X1	22.000	238.000	258.000	900.000	900.000	900.000	900.000	900.000	900.000
GR	690.500	0	687.000	50.000	680.000	477.900	92.000	479.700	100.000
GR	680.200	150.000	678.600	200.000	678.600	473.800	208.000	473.400	250.000
GR	673.600	252.000	678.300	290.000	676.000	671.600	295.000	471.600	301.600
GR	676.000	301.600	678.000	110.000	679.700	680.600	400.000	690.600	450.000
GR	690.600	500.000	-0	-0	-0	-0	-0	-0	-0
X1	27.000	17.000	208.000	110.000	400.000	400.000	400.000	-0	-0
GR	696.800	0	693.200	50.000	490.200	132.000	139.000	685.500	150.000
GR	683.200	200.000	681.000	250.000	680.000	476.000	288.000	475.500	100.000
GR	675.600	303.000	680.700	310.000	480.700	480.200	160.000	685.500	400.000
GR	691.200	450.000	695.000	500.000	-0	-0	-0	-0	-0
GT	5.000	430.000	710.000	900.000	900.000	1150.000	-0	-0	-0
X1	30.000	17.000	244.000	255.000	700.000	700.000	700.000	-0	-0
GR	708.600	0	701.600	50.000	693.800	100.000	150.000	485.600	200.000
GR	683.800	244.000	680.300	247.000	780.000	250.000	680.500	253.000	485.800
GR	680.300	300.000	680.600	750.000	480.600	380.000	480.000	485.000	755.000
GR	689.800	450.000	699.000	500.000	-0	-0	-0	-0	-0
X1	50.000	17.000	97.000	105.000	1400.000	1400.000	1400.000	-0	-0
GR	728.700	0	725.700	40.000	717.000	50.000	704.300	97.000	98.000
GR	702.000	100.000	703.100	102.000	704.600	105.000	705.200	150.000	200.000
GR	708.500	250.000	707.900	300.000	708.600	340.000	708.300	480.000	550.000
GR	712.300	400.000	729.200	450.000	450.000	-0	-0	-0	-0
EU	-0	-0	-0	-0	-0	-0	-0	-0	-0

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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TYPE D=2 500-YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSFL	CRWS	FG	TOPWID	10K+S	TIME	VOL	
A	3.00	0.	0.	0.	657.70	200.00	661.48	661.48	662.12	54.01	258.79	0.	0.
	3.00	0.	0.	0.	657.70	355.00	662.18	662.18	662.73	81.36	214.56	0.	0.
	3.00	0.	0.	0.	657.70	420.00	663.75	0.	663.83	119.11	28.32	0.	0.
	3.00	0.	0.	0.	657.70	550.00	665.52	0.	665.55	150.09	8.06	0.	0.
	7.00	400.00	0.	0.	662.20	200.00	666.69	0.	666.86	81.67	66.85	0.04	0.63
	7.00	400.00	0.	0.	662.20	355.00	667.29	0.	667.48	96.23	74.60	0.04	1.10
	7.00	400.00	0.	0.	662.20	420.00	666.79	666.79	667.81	84.08	246.12	0.02	1.62
	7.00	400.00	0.	0.	662.20	550.00	667.05	667.05	667.75	90.40	265.79	0.02	2.83
B	11.00	400.00	0.	0.	666.50	200.00	670.76	0.	671.30	12.12	203.49	0.06	1.22
	11.00	400.00	0.	0.	666.50	355.00	671.72	671.52	672.50	41.46	228.80	0.05	2.07
	11.00	400.00	0.	0.	666.50	420.00	672.65	0.	672.97	83.05	88.02	0.05	2.70
	11.00	400.00	0.	0.	666.50	550.00	673.08	0.	673.41	108.35	87.37	0.04	4.21
	15.00	400.00	0.	0.	680.10	200.00	683.40	683.40	684.55	10.27	560.17	0.07	1.48
	15.00	400.00	0.	0.	680.10	355.00	684.56	684.50	686.03	12.51	529.15	0.06	2.52
	15.00	400.00	0.	0.	680.10	420.00	685.57	685.57	686.37	49.66	225.95	0.06	3.68
	15.00	400.00	0.	0.	680.10	550.00	686.06	686.06	686.78	86.23	195.83	0.06	5.56
C	19.00	800.00	0.	0.	693.70	200.00	695.42	0.	695.50	68.08	59.63	0.17	2.50
	19.00	800.00	0.	0.	693.70	355.00	696.03	0.	696.14	72.09	54.78	0.14	4.06
	19.00	800.00	0.	0.	693.70	420.00	696.03	0.	696.19	72.09	76.18	0.13	5.61
	19.00	800.00	0.	0.	693.70	550.00	696.31	0.	696.51	73.99	82.11	0.12	8.04

SECTION NUMBER	DISCHARGE CFS	CWSFL	CWSFL DIFF EACH Q	CWSFL DIFF EACH SECTION	CWSFL-WSELK	TOPWID	T.W. DIFF	LENGTH
3.000	200,000	661.476	0.	0.	0.	54.008	0.	0.
3.000	355,000	662.179	0.703	0.	0.	81.361	-27.352	0.
3.000	420,000	663.750	1.571	0.	0.	119.113	-65.104	0.
3.000	550,000	665.520	1.770	0.	0.	150.093	-86.085	0.
7.000	200,000	666.693	0.	5.217	0.	81.671	0.	400.000
7.000	355,000	667.291	0.599	5.112	0.	96.231	-14.559	400.000
7.000	420,000	666.787	-0.506	3.037	0.	84.082	-2.410	400.000
7.000	550,000	667.051	0.264	1.531	0.	90.395	-8.724	400.000
11.000	200,000	670.756	0.	4.063	0.	12.117	0.	400.000
11.000	355,000	671.716	0.960	4.425	0.	41.455	-49.339	400.000
11.000	420,000	672.646	0.930	5.859	0.	83.051	-80.934	400.000
11.000	550,000	673.082	0.436	6.031	0.	108.308	-86.232	400.000
15.000	200,000	683.397	0.	12.641	0.	10.270	0.	400.000
15.000	355,000	684.556	1.159	12.640	0.	12.514	-2.245	400.000
15.000	420,000	685.568	1.012	12.922	0.	69.661	-50.391	400.000
15.000	550,000	686.058	0.490	12.976	0.	86.231	-75.942	400.000
19.000	200,000	695.422	0.	12.025	0.	68.076	0.	800.000
19.000	355,000	696.029	0.608	11.473	0.	72.089	-2.013	800.000
19.000	420,000	696.027	-0.002	10.460	0.	72.085	-4.010	800.000
19.000	550,000	696.308	0.281	10.251	0.	73.984	-5.919	800.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	0.	1.876	0.

29946

2
3
4

0.
0.
0.

0.
0.
0.

2,656
3,795
4,381

0,780
1,919
2,506

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

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIP 0=2. 100-YR 0

J1 ICHECK INQ NINV IDIP STRY METPIC HVINS 0 WSEI FR
 0. 4. 0. 0. 0. 0. 0. 0. 663.750 0.

J2 NPRDF IPLNT PRFVS XSECV XSECH FN ALLDC TBW CHNIN ITRACF
 3.000 0. 0. 0. 0. 0. 0. 0. 0. 0.

29940
 07562

Ready
for plot

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

PROFILE PLOTTED
 5-11-76 - BY
 S.P. FLETCHER / CROSS SECTIONS
 FLOOD LINES
 PLOTTED 5-26-76
 ON 1:400 MAP.
 S.P. FLETCHER

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIP #2 10-YR D

J1 ICHECK INQ NINV IDIR STBY METRIC WINS G WSEI EQ
 0. 2. 0. 0. 0. 0. 0. 0. 640.140 0.

J2 NPROF IPLNT PRFVS XSECV XSEPH FN ALI DC TBM CHNIV ITRACE
 1.000 0. 0. 0. 0. 0. 0. 0. 0. 0.

NC	0.100	0.100	0.060	0.100	0.300	0.	0.	0.	0.	0.
QT	5.000	200.000	355.000	420.000	420.000	550.000	0.	0.	0.	0.
X1	3.000	12.000	196.000	205.000	0.	0.	0.	0.	0.	0.
GR	674.500	0.	668.600	50.000	664.200	100.000	661.700	150.000	660.700	196.000
GR	657.800	198.000	657.700	200.000	657.900	202.000	660.600	205.000	662.200	222.000
GR	669.300	250.000	676.800	300.000	0.	0.	0.	0.	0.	0.
X1	7.000	0.	0.	0.	400.000	400.000	400.000	0.	4.500	0.
X1	11.000	13.000	104.000	207.000	400.000	400.000	400.000	0.	0.	0.
GR	683.300	0.	677.100	50.000	675.300	100.000	673.300	150.000	671.500	104.000
GR	665.500	198.000	666.500	200.000	666.600	202.000	671.000	207.000	671.700	250.000
GR	672.300	255.000	676.200	300.000	682.700	350.000	0.	0.	0.	0.
X1	15.000	0.	0.	0.	400.000	400.000	400.000	0.	13.600	0.
X1	19.000	12.000	80.000	200.000	800.000	800.000	800.000	0.	0.	0.
GR	714.100	0.	707.600	50.000	702.700	80.000	695.200	100.000	693.700	122.000
GR	694.000	150.000	694.400	180.000	706.400	200.000	707.100	250.000	709.000	300.000
GR	710.800	35.000	711.900	350.000	0.	0.	0.	0.	0.	0.
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

07662

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS D-1 500-YR D

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHORD	MIN FL DISCHARGE GROUND (CFS)	CWSFL	CRWS	FG	TOPWID	10K+S	TIME	VOL	
156.80	0.	0.	0.	643.30	390.00	651.79	0.	651.80	480.50	7.03	0.	
156.80	0.	0.	0.	643.30	700.00	652.57	0.	652.58	509.66	6.44	0.	
156.80	0.	0.	0.	643.30	820.00	653.15	0.	653.16	525.24	4.21	0.	
156.80	0.	0.	0.	643.30	1060.00	654.37	0.	654.37	551.04	2.09	0.	
13.00	1100.00	0.	0.	654.00	390.00	659.64	658.64	659.22	48.77	513.09	0.05	9.28
13.00	1100.00	0.	0.	654.00	700.00	659.34	659.34	659.91	121.30	485.83	0.05	15.02
13.00	1100.00	0.	0.	654.00	820.00	659.48	659.48	660.10	125.16	523.15	0.05	19.03
13.00	1100.00	0.	0.	654.00	1060.00	659.67	659.67	660.42	130.61	627.39	0.05	27.64
25.00	1200.00	0.	0.	664.00	390.00	670.09	0.	670.54	128.17	37.99	0.24	13.65
25.00	1200.00	0.	0.	664.00	700.00	671.41	0.	671.48	146.24	39.66	0.22	22.06
25.00	1200.00	0.	0.	664.00	820.00	671.71	0.	671.78	151.21	39.35	0.21	26.02
25.00	1200.00	0.	0.	664.00	1060.00	672.28	0.	672.36	160.24	38.08	0.20	37.07
34+50	9+50	0.	0.	683.00	390.00	687.21	687.21	686.18	27.49	771.45	0.28	17.19
35.50	1050.00	0.	0.	683.00	700.00	688.24	688.24	689.42	36.64	732.19	0.25	27.54
35.50	1050.00	0.	0.	683.00	820.00	688.55	688.55	689.80	39.32	733.84	0.24	33.09
35.50	1050.00	0.	0.	683.00	1060.00	689.01	689.01	690.48	43.41	782.96	0.23	44.51
35.65	15.00	0.	0.	683.00	390.00	688.43	0.	688.75	38.33	186.05	0.28	17.21
35.65	15.00	0.	0.	683.00	700.00	689.61	0.	690.01	45.75	198.10	0.25	27.58
35.65	15.00	0.	0.	683.00	820.00	690.00	0.	690.37	49.82	177.46	0.25	33.14
35.65	15.00	0.	0.	683.00	1060.00	690.72	0.	690.99	49.33	130.86	0.23	44.59
34+67	2.00	691.00	687.80	680.00	390.00	687.10	686.61	689.34	37.95	84.81	0.28	17.22
35.67	2.00	691.00	687.80	680.00	700.00	691.06	691.06	692.00	207.96	50.03	0.25	27.58
35.67	2.00	691.00	687.80	680.00	820.00	691.99	691.99	692.54	210.02	61.39	0.25	33.15
35.67	2.00	691.00	687.80	680.00	1060.00	692.28	692.28	692.74	226.25	45.04	0.23	44.40
35+33	66.00	691.00	687.80	680.00	390.00	688.52	686.62	690.82	52.13	558.30	0.28	17.27
36.33	66.00	691.00	687.80	680.00	700.00	692.67	0.	692.77	247.50	52.04	0.24	27.91
36.33	66.00	691.00	687.80	680.00	820.00	692.40	0.	692.05	256.74	40.17	0.25	33.51
36.33	66.00	691.00	687.80	680.00	1060.00	692.98	0.	693.12	241.12	62.99	0.24	45.02
35+35	2.00	0.	0.	683.40	390.00	690.20	0.	690.05	10.00	12059.98	0.28	17.27
36.35	2.00	0.	0.	683.40	700.00	692.78	0.	692.80	308.88	266.56	0.24	27.93
36.35	2.00	0.	0.	683.40	820.00	692.96	0.	692.08	313.95	307.86	0.25	33.54
36.35	2.00	0.	0.	683.40	1060.00	693.14	0.	693.16	319.15	433.48	0.24	45.05
35+80	45.00	0.	0.	683.40	390.00	692.57	0.	692.57	380.62	103.03	0.30	17.46
36.80	45.00	0.	0.	683.40	700.00	693.59	0.	693.59	332.30	125.54	0.28	28.85
36.80	45.00	0.	0.	683.40	820.00	693.86	0.	693.86	300.14	137.08	0.27	34.52
36.80	45.00	0.	0.	683.40	1060.00	694.28	0.	694.30	352.35	163.88	0.25	46.15
42.00	520.00	0.	0.	691.20	390.00	700.15	695.23	700.17	124.65	222.79	0.44	24.24
42.00	520.00	0.	0.	691.20	700.00	701.87	0.	701.89	151.16	209.18	0.41	38.80
42.00	520.00	0.	0.	691.20	820.00	702.43	0.	702.46	155.28	202.80	0.40	45.53
42.00	520.00	0.	0.	691.20	1060.00	703.07	0.	703.09	142.82	191.35	0.37	59.80

SECTION NUMBER	DISCHARGE CFS	CWSFL	CWSFL DIFF EACH 0	CWSFL DIFF EACH SECTION	CWSFL-WSELK	TOPWID	T.W. DIFF	LENGTH
156.800	390.000	651.790	0.	0.	0.	480.503	0.	0.
156.800	700.000	652.570	0.780	0.	0.	509.656	-29.153	0.
156.800	820.000	653.150	0.580	0.	0.	525.203	-44.740	0.
156.800	1060.000	654.370	1.220	0.	0.			0.

10001

13,000	390,000	658,637	0.	6,847	0.	68,774	0.	1100,000
13,000	700,000	659,343	0.706	6,773	0.	121,209	-52,524	1100,000
13,000	820,000	659,479	0.136	6,329	0.	125,156	-56,382	1100,000
13,000	1060,000	659,672	0.103	5,302	0.	130,609	-61,834	1100,000
25,000	390,000	670,490	0.	11,853	0.	128,166	0.	1200,000
25,000	700,000	671,415	0.925	12,072	0.	146,244	-18,078	1200,000
25,000	820,000	671,715	0.300	12,236	0.	151,208	-23,042	1200,000
25,000	1060,000	672,280	0.565	12,608	0.	160,200	-32,074	1200,000
35,500	390,000	687,205	0.	16,715	0.	27,485	0.	1050,000
35,500	700,000	688,242	1.037	16,827	0.	36,637	-9,151	1050,000
35,500	820,000	688,546	0.304	16,831	0.	39,318	-11,833	1050,000
35,500	1060,000	689,010	0.464	16,730	0.	43,410	-15,924	1050,000
35,650	390,000	688,434	0.	1,229	0.	38,328	0.	15,000
35,650	700,000	689,606	1.172	1,364	0.	85,751	-47,424	15,000
35,650	820,000	690,003	0.367	1,457	0.	124,820	-86,493	15,000
35,650	1060,000	690,721	0.719	1,712	0.	169,328	-131,000	15,000
35,670	390,000	687,135	0.	-1,298	0.	37,948	0.	2,000
35,670	700,000	691,955	4.820	2,350	0.	207,958	-170,010	2,000
35,670	820,000	691,993	0.037	1,990	0.	210,025	-172,077	2,000
35,670	1060,000	692,283	0.291	1,562	0.	226,249	-188,302	2,000
36,330	390,000	688,521	0.	1,385	0.	52,134	0.	66,000
36,330	700,000	692,666	4.145	0,710	0.	247,593	-195,459	66,000
36,330	820,000	692,839	0.173	0,846	0.	256,740	-204,605	66,000
36,330	1060,000	692,976	0.137	0,693	0.	261,117	-208,983	66,000
36,350	390,000	690,287	0.	1,767	0.	10,000	0.	2,000
36,350	700,000	692,783	2.406	0,118	0.	308,883	-208,883	2,000
36,350	820,000	692,957	0.174	0,118	0.	313,954	-303,954	2,000
36,350	1060,000	693,135	0.178	0,159	0.	319,151	-309,151	2,000
36,800	390,000	692,566	0.	2,278	0.	300,624	0.	45,000
36,800	700,000	693,586	1,020	0,803	0.	332,302	-31,678	45,000
36,800	820,000	693,855	0,269	0,898	0.	340,139	-39,515	45,000
36,800	1060,000	694,283	0,428	1,148	0.	352,306	-51,722	45,000
42,000	390,000	700,151	0.	7,585	0.	120,654	0.	520,000
42,000	700,000	701,869	1,718	8,283	0.	151,163	-26,508	520,000
42,000	820,000	702,435	0,566	8,580	0.	155,278	-30,624	520,000
42,000	1060,000	703,470	1,035	9,187	0.	162,824	-38,170	520,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	END	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DIFF
1	0.	0.	0.	14,306	0.
2	0.	0.	0.	17,458	3,153
3	0.	0.	0.	18,013	5,707
4	0.	0.	0.	18,917	4,812

1000

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 52,53,54,55,56,57,5A

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB D=1 500-YR Q

J1	ICHECK	ING	NTNV	IDIR	STRT	METRIC	HVINS	Q	WSEI	FIN
	0.	6.	0.	0.	0.	0.	0.	0.	654.370	0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALIDC	YBW	CHNIM	ITRACE
	15.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

10001

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

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIR D=1 50-YR L

J1	ICHECK	INQ	NTNV	IDIR	STRT	HFTRIC	PVINS	Q	WSEI	FD
	0.	3.	0.	0.	0.	0.	0.	0.	652.570	0.
J2	NPROF	IPLNT	PPFVS	XSECV	XSECH	FN	ALLDC	YBW	CRNIP	ITRACE
	2.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

 MEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 52,53,54,55,56,57,58

Plot
 PROFILE PLOTTED CROSS-SECTION
 & 5-11-76 BY FLOOD LINES
 S.P. FLETCHER PLOTTED 5-26-76
 ON 1:400 MAP.
 S.P.

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 (FIP 0=1) 10-YR 0

J1 ICHECK INQ RTNV TDIP STRT MFTPIC RVINS Q WSEI FO
 0. 2. 0. 0. 0. 0. 0. 0. 651.700 0.

J2 NPROF IPLAT PPEVS XSEPV XSEPH FN ALLOC YBW CHNIP ITRACF
 1.000 0. 0. 0. 0. 0. 0. 0. 0. 0.

NC 0.100 0.100 0.100 0.100 0.300 0. 0. 0. 0. 0.
 QT 5.000 390.000 700.000 820.000 820.000 1060.000 0. 0. 0. 0.

X1 156.800 25.000 355.000 379.000 0. 0. 0. 0. 0. 0.
 GR 669.000 0. 662.300 100.000 667.700 150.000 654.300 175.000 652.000 200.000
 GR 651.000 250.000 650.300 300.000 651.800 350.000 651.800 355.000 613.800 346.000
 GR 643.300 173.000 644.000 378.000 650.100 379.000 650.500 400.000 649.700 450.000
 GR 651.100 550.000 651.000 560.000 648.500 565.000 651.200 566.000 650.700 650.000
 GR 650.800 700.000 651.300 713.000 660.100 750.000 669.900 800.000 675.000 850.000

X1 13.000 14.000 144.000 159.000 1100.000 1100.000 1100.000 0. 0. 0.
 GR 671.600 0. 670.000 35.000 666.200 50.000 660.200 66.000 656.000 100.000
 GR 656.300 144.000 654.070 148.000 654.000 150.000 654.300 154.000 658.700 159.000
 GR 659.300 200.000 663.200 250.000 669.900 295.000 669.600 300.000 0. 0.

X1 25.000 14.000 144.000 156.000 1200.000 1200.000 1200.000 0. 0. 0.
 GR 685.600 0. 684.900 18.000 678.100 50.000 671.400 84.000 669.500 100.000
 GR 669.000 144.000 664.700 105.000 664.000 150.000 665.000 155.000 666.400 156.000
 GR 668.800 172.000 668.700 200.000 673.200 250.000 690.700 300.000 0. 0.

X1 35.500 17.000 261.000 268.000 1050.000 1050.000 1050.000 0. 0. 0.
 GR 700.000 0. 695.000 100.000 690.100 200.000 689.400 228.000 686.400 250.000
 GR 684.300 261.000 683.100 262.000 683.000 254.000 683.100 266.000 684.800 268.000
 GR 689.500 275.000 689.500 300.000 690.400 350.000 692.800 400.000 696.400 450.000
 GR 696.100 500.000 700.000 600.000 0. 0. 0. 0. 0. 0.

X1 35.650 0. 0. 0. 15.000 15.000 15.000 0. 0. 0.
 X3 10.000 0. 0. 0. 0. 0. 0. 687.800 687.800 0.
 NC 0.050 0.050 0.050 0. 0. 0. 0. 0. 0. 0.

X1 35.670 22.000 304.500 311.500 2.000 2.000 2.000 0. 0. 0.
 BT 13.000 0. 700.000 0. 200.000 691.000 0. 250.000 691.000 0.
 BT 300.000 691.600 0. 304.500 691.600 684.400 305.500 691.600 686.800 308.000
 BT 691.600 687.800 310.500 691.600 686.800 311.500 691.600 684.400 315.000 691.700
 BT 0. 400.000 692.500 0. 550.000 694.500 0. 690.000 700.000 0.
 GR 700.000 0. 695.000 100.000 690.100 200.000 689.400 228.000 686.400 250.000
 GR 684.300 261.000 683.100 262.000 683.000 254.000 683.100 266.000 684.800 268.000
 GR 689.500 275.000 689.500 300.000 684.400 304.500 681.900 305.500 680.900 308.000
 GR 681.900 310.500 684.400 311.500 690.400 315.000 692.800 400.000 676.400 450.000
 GR 696.100 550.000 700.000 690.000 0. 0. 0. 0. 0. 0.
 NC 0.050 0.050 0.050 0.100 0.300 0. 0. 0. 0. 0.

36602

X1	36,330	0.	0.	0.	66,000	66,000	66,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.
NC	0.600	0.600	0.600	0.	0.	0.	0.	0.	0.	0.
X1	36,350	20,000	355,000	365,000	2,000	2,000	2,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	691,600	691,600	0.
GR	702,600	0.	700,000	70,000	695,000	170,000	692,700	200,000	692,100	217,000
GR	691,700	250,000	691,100	300,000	690,500	336,000	687,300	350,000	685,200	355,000
GR	683,800	357,000	683,600	360,000	683,800	362,000	686,700	365,000	687,900	370,000
GR	688,300	400,000	690,500	450,000	692,300	500,000	695,400	550,000	700,000	720,000
X1	36,800	20,000	355,000	365,000	45,000	45,000	45,000	0.	0.	0.
GR	702,600	0.	700,000	70,000	695,000	170,000	692,700	200,000	692,100	217,000
GR	691,700	250,000	691,100	300,000	690,500	336,000	687,300	350,000	685,200	355,000
GR	683,800	357,000	683,600	360,000	683,800	362,000	686,700	365,000	687,900	370,000
GR	688,300	400,000	690,500	450,000	692,300	500,000	695,400	550,000	700,000	720,000
X1	42,000	14,000	192,000	205,000	520,000	520,000	520,000	0.	0.	0.
GR	717,000	0.	715,000	40,000	707,200	100,000	698,300	150,000	695,000	192,000
GR	692,300	195,000	691,200	200,000	692,300	205,000	695,100	208,000	699,200	250,000
GR	701,200	280,000	706,000	288,000	706,600	300,000	715,000	400,000	0.	0.
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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	SECNO	XLCW	ELTRD	ELLC	EIMTN	Q	CWSFL	.01K	EG	TOPWTD	STFNCL	STFNCF	VCH
*	345.00	70.00	0.00	0.00	729.40	650.00	734.75	45.40	736.52	17.44	0.00	0.00	10.68
*	345.00	70.00	0.00	0.00	729.40	1150.00	736.56	43.75	738.75	24.88	0.00	0.00	11.88
*	345.00	70.00	0.00	0.00	729.40	1350.00	737.44	112.51	739.41	41.39	0.00	0.00	11.35
*	345.00	70.00	0.00	0.00	729.40	1740.00	738.73	177.67	740.34	69.48	0.00	0.00	10.64
*	350.00	100.00	0.00	0.00	735.60	375.00	738.90	26.35	740.04	19.18	0.00	0.00	8.62
*	350.00	100.00	0.00	0.00	735.60	660.00	740.04	47.99	741.52	23.19	0.00	0.00	9.77
*	350.00	100.00	0.00	0.00	735.60	780.00	740.43	57.20	742.03	24.59	0.00	0.00	10.13
*	350.00	100.00	0.00	0.00	735.60	1000.00	741.08	74.59	742.85	26.87	0.00	0.00	10.68
	350.50	50.00	0.00	0.00	735.60	375.00	740.16	50.82	740.60	23.63	0.00	0.00	5.32
	350.50	50.00	0.00	0.00	735.60	660.00	741.47	86.31	742.00	28.24	0.00	0.00	6.33
	350.50	50.00	0.00	0.00	735.60	780.00	741.92	101.10	742.60	29.82	0.00	0.00	6.65
	350.50	50.00	0.00	0.00	735.60	1000.00	742.64	128.03	743.44	32.30	0.00	0.00	7.15
*	351.00	50.00	749.70	743.20	735.80	375.00	739.87	28.57	741.93	8.00	0.00	0.00	11.51
*	351.00	50.00	749.70	743.20	735.80	660.00	741.74	49.97	744.74	8.00	0.00	0.00	13.90
	351.00	50.00	749.70	743.20	735.80	780.00	744.47	83.96	746.43	8.00	0.00	0.00	11.24
	351.00	50.00	749.70	743.20	735.80	1000.00	745.23	93.62	747.94	8.00	0.00	0.00	13.25
	351.30	30.00	0.00	0.00	735.40	375.00	742.04	99.85	742.22	21.78	0.00	0.00	3.42
	351.30	30.00	0.00	0.00	735.40	660.00	744.92	214.09	745.09	91.81	0.00	0.00	3.47
	351.30	30.00	0.00	0.00	735.40	780.00	746.57	382.02	746.66	155.40	0.00	0.00	2.64
	351.30	30.00	0.00	0.00	735.40	1000.00	748.20	693.45	748.24	256.12	0.00	0.00	2.00
*	355.50	420.00	0.00	0.00	740.40	325.00	743.92	21.90	745.21	14.04	0.00	0.00	9.11
*	355.50	420.00	0.00	0.00	740.40	580.00	745.23	40.52	746.91	16.64	0.00	0.00	10.40
	355.50	420.00	0.00	0.00	740.40	680.00	746.10	56.33	747.52	18.37	0.00	0.00	9.56
	355.50	420.00	0.00	0.00	740.40	880.00	747.67	91.73	748.82	21.45	0.00	0.00	8.61
*	359.00	350.00	0.00	0.00	752.40	325.00	755.92	22.05	757.21	14.07	0.00	0.00	9.09
*	359.00	350.00	0.00	0.00	752.40	580.00	757.21	40.20	758.91	16.61	0.00	0.00	10.45
*	359.00	350.00	0.00	0.00	752.40	680.00	757.63	47.40	759.44	17.41	0.00	0.00	10.85
*	359.00	350.00	0.00	0.00	752.40	880.00	758.30	62.14	760.45	18.94	0.00	0.00	11.50
*	363.00	400.00	0.00	0.00	746.20	325.00	749.72	22.03	771.01	14.07	0.00	0.00	9.10
*	363.00	400.00	0.00	0.00	746.20	580.00	771.02	40.34	772.71	16.62	0.00	0.00	10.41
*	363.00	400.00	0.00	0.00	746.20	680.00	771.41	47.64	773.24	17.45	0.00	0.00	10.82
*	363.00	400.00	0.00	0.00	746.20	880.00	772.20	62.34	774.25	18.95	0.00	0.00	11.48
*	367.50	450.00	0.00	0.00	781.90	325.00	785.63	32.91	786.12	77.52	0.00	0.00	6.10
*	367.50	450.00	0.00	0.00	781.90	580.00	786.17	56.40	786.60	113.82	0.00	0.00	6.91
*	367.50	450.00	0.00	0.00	781.90	680.00	786.25	40.99	786.87	119.34	0.00	0.00	7.57
*	367.50	450.00	0.00	0.00	781.90	880.00	786.40	76.32	787.14	124.20	0.00	0.00	8.15

SUMMARY PRINTOUT

DUHARTS CP 10-YR 0

SECNO	Q	CWSEL	DIFWSP	DIFWEX	DIFKWS	TOTPID	XLCH
156.80	940.00	651.79	0.00	651.79	2.79	480.78	280.00
156.80	1800.00	652.67	.88	652.67	2.17	512.79	280.00
156.80	2400.00	653.15	.48	653.15	1.65	525.20	280.00
156.80	4300.00	654.37	1.22	654.37	1.87	551.04	280.00
160.70	940.00	652.55	0.00	.75	0.00	432.43	390.00
160.70	1800.00	653.44	.89	.77	0.00	677.11	390.00
160.70	2400.00	653.91	.47	.76	0.00	749.97	390.00
160.70	4300.00	655.09	1.18	.72	0.00	784.50	390.00
172.70	940.00	655.56	0.00	3.01	0.00	435.80	1200.00
172.70	1800.00	656.38	.82	2.90	0.00	508.22	1200.00
172.70	2400.00	656.75	.37	2.84	0.00	523.22	1200.00
172.70	4300.00	657.66	.91	2.57	0.00	544.05	1200.00
179.00	900.00	658.00	0.00	2.45	0.00	134.24	630.00
179.00	1720.00	659.10	1.10	2.72	0.00	292.70	630.00
179.00	2250.00	659.60	.50	2.85	0.00	319.38	630.00
179.00	4000.00	660.76	1.16	3.10	0.00	356.71	630.00
180.80	900.00	658.58	0.00	.58	0.00	51.46	185.00
180.80	1720.00	659.70	1.21	.60	0.00	85.58	185.00
180.80	2250.00	662.60	3.01	3.20	0.00	179.52	185.00
180.80	4000.00	664.37	1.57	3.61	0.00	222.78	185.00
190.00	900.00	661.74	0.00	3.14	0.00	179.45	915.00
190.00	1720.00	663.55	1.81	3.76	0.00	203.63	915.00
190.00	2250.00	664.70	1.15	1.90	0.00	216.95	915.00
190.00	4000.00	666.68	1.98	2.31	0.00	250.81	915.00
204.30	840.00	665.22	0.00	3.48	0.00	347.70	1435.00
204.30	1620.00	666.30	1.11	2.78	0.00	380.20	1435.00
204.30	2100.00	666.98	.64	2.28	0.00	394.70	1435.00
204.30	3650.00	668.70	1.76	2.06	0.00	436.40	1435.00
214.35	840.00	666.92	0.00	1.70	0.00	425.83	1005.00
214.35	1620.00	667.92	1.00	1.58	0.00	486.15	1005.00
214.35	2100.00	668.41	.49	1.43	0.00	498.11	1005.00
214.35	3650.00	669.80	1.43	1.10	0.00	632.54	1005.00
218.95	840.00	668.00	0.00	1.12	0.00	130.77	460.00
218.95	1620.00	668.87	.84	.96	0.00	218.81	460.00
218.95	2100.00	669.27	.30	.86	0.00	241.97	460.00
218.95	3650.00	670.47	1.21	.63	0.00	293.81	460.00
221.75	840.00	669.62	0.00	1.58	0.00	331.40	280.00
221.75	1620.00	670.69	1.08	1.82	0.00	443.57	280.00
221.75	2100.00	671.13	.44	1.87	0.00	454.71	280.00
221.75	3650.00	672.17	1.04	1.70	0.00	479.25	280.00
226.95	840.00	671.30	0.00	1.78	0.00	345.73	520.00
226.95	1620.00	672.21	.81	1.52	0.00	459.27	520.00
226.95	2100.00	672.60	.40	1.47	0.00	478.19	520.00
226.95	3650.00	673.60	1.04	1.47	0.00	527.48	520.00

SECON	D	CWSFL	DIFRSP	DIFRSX	DIFRMS	TOPWID	XLCH
233.90	800.00	673.32	0.00	1.92	0.00	365.9A	695.00
233.90	1510.00	674.17	.8A	1.97	0.00	370.21	695.00
233.90	1950.00	674.97	.39	1.9A	0.00	3A3.02	695.00
233.90	3200.00	675.55	.9A	1.91	0.00	302.42	695.00
242.25	800.00	675.5A	0.00	2.24	0.00	213.9A	815.00
242.25	1510.00	676.50	.90	2.32	0.00	210.49	815.00
242.25	1950.00	676.9A	.4A	2.39	0.00	238.43	815.00
242.25	3200.00	678.01	1.05	2.4A	0.00	256.79	815.00
245.75	800.00	676.60	0.00	1.04	0.00	512.40	350.00
245.75	1510.00	677.51	.91	1.01	0.00	519.15	350.00
245.75	1950.00	677.97	.4A	1.01	0.00	522.55	350.00
245.75	3200.00	679.03	1.07	1.03	0.00	529.94	350.00
247.00	800.00	676.8A	0.00	.2A	0.00	506.40	125.00
247.00	1510.00	677.72	.6A	.22	0.00	517.07	125.00
247.00	1950.00	678.17	.40	.20	0.00	520.3A	125.00
247.00	3200.00	679.22	1.05	.1A	0.00	527.7A	125.00
251.45	800.00	679.10	0.00	2.24	0.00	452.69	405.00
251.45	1510.00	679.65	.55	1.93	0.00	4A6.10	405.00
251.45	1950.00	679.95	.29	1.7A	0.00	473.33	405.00
251.45	3200.00	680.72	.7A	1.50	0.00	4A6.63	405.00
255.10	800.00	680.59	0.00	1.4A	0.00	491.77	3A5.00
255.10	1510.00	681.2A	.67	1.41	0.00	455.8A	3A5.00
255.10	1950.00	681.5A	.30	1.02	0.00	48A.85	3A5.00
255.10	3200.00	682.25	.6A	1.53	0.00	940.67	3A5.00
256.10	800.00	680.82	0.00	.23	0.00	24A.05	100.00
256.10	1510.00	681.52	.70	.25	0.00	480.0A	100.00
256.10	1950.00	681.83	.31	.2A	0.00	710.70	100.00
256.10	3200.00	682.52	.69	.27	0.00	4A3.92	100.00
257.10	800.00	683.13	0.00	2.31	0.00	375.07	100.00
257.10	1510.00	683.64	.51	2.13	0.00	425.91	100.00
257.10	1950.00	683.8A	.23	2.05	0.00	509.1A	100.00
257.10	3200.00	684.32	.40	1.80	0.00	526.87	100.00
258.10	800.00	683.62	0.00	.49	0.00	375.45	100.00
258.10	1510.00	684.4A	.60	.42	0.00	422.00	100.00
258.10	1950.00	684.74	.29	.4A	0.00	432.97	100.00
258.10	3200.00	685.41	.67	1.00	0.00	453.81	100.00
259.70	800.00	684.1A	0.00	.34	0.00	403.04	160.00
259.70	1510.00	684.9A	.60	.50	0.00	410.99	160.00
259.70	1950.00	685.32	.3A	.59	0.00	407.05	160.00
259.70	3200.00	686.12	.80	.71	0.00	403.9A	160.00
261.15	800.00	686.75	0.00	2.60	0.00	30.00	105.00
261.15	1510.00	688.47	1.72	3.51	0.00	1070.62	105.00
261.15	1950.00	688.67	.20	3.35	0.00	1093.02	105.00
261.15	3200.00	689.10	.43	2.9A	0.00	1101.20	105.00

SECNO	Q	CWSFL	DIFKRP	DIFWAY	DIFKWB	TOT-TO	XICH
261.65	800.00	686.74	0.00	.01	0.00	63.41	50.00
261.65	1510.00	688.17	1.30	.10	0.00	69.87	50.00
261.65	1950.00	688.00	0.00	.58	0.00	64.68	50.00
261.65	3200.00	688.01	-.08	-1.09	0.00	69.29	50.00
262.15	800.00	687.00	0.00	.10	0.00	127.59	50.00
262.15	1510.00	688.60	1.65	.56	0.00	117.85	50.00
262.15	1950.00	689.00	.35	.95	0.00	135.47	50.00
262.15	3200.00	690.60	1.60	2.00	0.00	158.93	50.00
263.15	800.00	687.11	0.00	.07	0.00	119.27	100.00
263.15	1510.00	688.75	1.60	.08	0.00	129.75	100.00
263.15	1950.00	689.12	.37	.08	0.00	138.78	100.00
263.15	3200.00	690.72	1.60	.07	0.00	177.21	100.00
264.15	800.00	686.80	0.00	.27	0.00	122.20	100.00
264.15	1510.00	688.30	1.50	.41	0.00	118.41	100.00
264.15	1950.00	688.48	.12	.66	0.00	126.80	100.00
264.15	3200.00	690.15	1.60	.57	0.00	181.75	100.00
265.15	800.00	687.42	0.00	.58	0.00	135.88	100.00
265.15	1510.00	688.88	1.46	.50	0.00	148.94	100.00
265.15	1950.00	689.31	.43	.88	0.00	152.83	100.00
265.15	3200.00	690.30	.90	.15	0.00	191.60	100.00
266.15	800.00	687.50	0.00	.17	0.00	142.24	100.00
266.15	1510.00	689.28	1.60	.40	0.00	146.21	100.00
266.15	1950.00	689.93	.05	.62	0.00	153.55	100.00
266.15	3200.00	692.15	2.21	1.85	0.00	180.20	100.00
267.15	800.00	688.20	0.00	.70	0.00	173.00	100.00
267.15	1510.00	690.30	2.05	1.04	0.00	127.57	100.00
267.15	1950.00	691.25	.91	1.32	0.00	154.05	100.00
267.15	3200.00	693.42	2.17	1.27	0.00	217.10	100.00
268.15	800.00	688.44	0.00	.17	0.00	174.02	100.00
268.15	1510.00	690.51	2.05	.17	0.00	114.11	100.00
268.15	1950.00	691.42	.91	.17	0.00	131.07	100.00
268.15	3200.00	693.57	2.15	.15	0.00	174.03	100.00
268.65	800.00	688.67	0.00	.21	0.00	100.58	50.00
268.65	1510.00	690.65	1.98	.14	0.00	76.53	50.00
268.65	1950.00	691.50	.80	.12	0.00	97.55	50.00
268.65	3200.00	693.60	2.10	.68	0.00	111.27	50.00
279.00	800.00	692.66	0.00	0.20	0.00	58.00	1035.00
279.00	1510.00	694.43	1.58	3.78	0.00	74.97	1035.00
279.00	1950.00	695.15	.73	3.62	0.00	80.74	1035.00
279.00	3200.00	696.75	1.60	3.12	0.00	95.21	1035.00
280.00	800.00	693.43	0.00	.57	0.00	69.41	100.00
280.00	1510.00	695.05	1.62	.63	0.00	79.84	100.00
280.00	1950.00	695.78	.72	.62	0.00	86.37	100.00
280.00	3200.00	697.41	1.63	.65	0.00	121.65	100.00

SECND	D	CWSFL	DIFWSP	DIFWSX	DIFWS	TOPWTD	XLCH
281.00	600.00	693.48	0.00	.05	0.00	21.74	100.00
281.00	1500.00	695.94	2.45	.88	0.00	23.00	100.00
281.00	1950.00	697.93	2.00	2.16	0.00	23.00	100.00
281.00	3200.00	704.78	6.85	7.37	0.00	262.75	100.00
282.20	720.00	693.66	0.00	.18	0.00	16.62	113.00
282.20	1340.00	696.07	2.41	.13	0.00	22.63	113.00
282.20	1700.00	697.98	1.92	.05	0.00	22.70	113.00
282.20	2500.00	704.34	6.38	.42	0.00	183.93	113.00
283.70	720.00	693.56	0.00	.10	0.00	14.51	150.00
283.70	1340.00	695.81	2.25	.24	0.00	15.11	150.00
283.70	1700.00	697.86	2.05	.13	0.00	26.14	150.00
283.70	2500.00	705.05	7.21	.70	0.00	183.10	150.00
* 292.20	720.00	697.82	0.00	4.26	0.00	14.28	858.00
292.20	1340.00	700.22	2.40	4.41	0.00	15.02	858.00
292.20	1700.00	701.64	1.42	3.78	0.00	15.05	858.00
292.20	2500.00	704.61	2.97	.46	0.00	15.12	858.00
292.30	700.00	700.03	0.00	2.21	0.00	92.32	5.00
292.30	1280.00	703.46	3.42	3.24	0.00	107.58	5.00
292.30	1600.00	705.21	1.74	3.57	0.00	113.46	5.00
292.30	2300.00	709.14	3.93	4.53	0.00	249.40	5.00
297.30	700.00	700.90	0.00	.87	0.00	54.04	500.00
297.30	1280.00	703.65	2.74	.19	0.00	81.64	500.00
297.30	1600.00	705.35	1.70	.14	0.00	297.81	500.00
297.30	2300.00	709.24	3.69	.09	0.00	659.33	500.00
300.00	700.00	701.69	0.00	.77	0.00	61.82	270.00
300.00	1280.00	704.00	2.31	.39	0.00	65.53	270.00
300.00	1600.00	705.58	1.54	.23	0.00	538.40	270.00
300.00	2300.00	709.25	3.68	.02	0.00	659.84	270.00
303.00	700.00	702.24	0.00	.57	0.00	51.77	300.00
303.00	1280.00	704.37	2.13	.33	0.00	73.81	300.00
303.00	1600.00	705.71	1.34	.14	0.00	87.24	300.00
303.00	2300.00	709.27	3.54	.01	0.00	631.69	300.00
306.00	700.00	703.42	0.00	1.18	0.00	44.74	300.00
306.00	1280.00	705.11	1.69	.74	0.00	66.15	300.00
306.00	1600.00	706.18	1.08	.47	0.00	76.94	300.00
306.00	2300.00	709.28	3.10	.02	0.00	588.19	300.00
* 310.00	700.00	705.90	0.00	2.57	0.00	26.69	400.00
* 310.00	1280.00	708.03	2.03	2.92	0.00	41.05	400.00
* 310.00	1600.00	708.67	.64	2.49	0.00	48.44	400.00
* 310.00	2300.00	709.62	.95	.34	0.00	79.37	400.00
311.00	700.00	707.62	0.00	1.63	0.00	16.00	100.00
311.00	1280.00	708.50	.87	.47	0.00	16.00	100.00
* 311.00	1600.00	708.88	.38	.20	0.00	16.00	100.00
* 311.00	2300.00	710.75	1.87	1.12	0.00	16.00	100.00

SECNO	Q	CWSFL	DIFRSP	DIFRFX	DIFKWS	TOPWJD	XLCR
317.00	700.00	707.81	0.00	.18	0.00	16.00	600.00
317.00	1200.00	709.33	1.52	.83	0.00	16.00	600.00
317.00	1600.00	710.35	1.02	1.47	0.00	16.00	600.00
317.00	2300.00	712.65	2.30	1.91	0.00	16.00	600.00
319.50	650.00	710.10	0.00	2.33	0.00	20.03	250.00
319.50	1150.00	713.25	3.11	3.92	0.00	117.69	250.00
319.50	1350.00	714.11	.86	3.74	0.00	191.82	250.00
319.50	1740.00	716.18	2.07	3.53	0.00	365.22	250.00
322.00	650.00	714.56	0.00	4.42	0.00	59.52	250.00
322.00	1150.00	715.54	.97	2.29	0.00	99.86	250.00
322.00	1350.00	715.30	-.15	1.28	0.00	92.67	250.00
322.00	1740.00	716.13	.74	-.05	0.00	150.47	250.00
326.00	650.00	718.17	0.00	3.60	0.00	36.76	400.00
326.00	1150.00	719.62	1.45	4.08	0.00	98.89	400.00
326.00	1350.00	720.25	.63	4.87	0.00	152.17	400.00
326.00	1740.00	720.51	.24	4.38	0.00	174.58	400.00
329.00	650.00	721.03	0.00	2.86	0.00	30.10	300.00
329.00	1150.00	722.68	1.65	3.04	0.00	103.70	300.00
329.00	1350.00	722.94	.24	2.68	0.00	125.54	300.00
329.00	1740.00	723.34	.40	2.83	0.00	159.84	300.00
332.40	650.00	724.00	0.00	3.01	0.00	30.14	340.00
332.40	1150.00	725.37	1.33	2.70	0.00	81.06	340.00
332.40	1350.00	725.74	.30	2.83	0.00	87.17	340.00
332.40	1740.00	726.35	.58	3.01	0.00	96.35	340.00
335.00	650.00	726.57	0.00	2.53	0.00	19.80	240.00
335.00	1150.00	728.18	1.61	2.81	0.00	81.20	240.00
335.00	1350.00	728.52	.34	2.74	0.00	86.50	240.00
335.00	1740.00	728.98	.44	2.63	0.00	93.60	240.00
337.60	650.00	729.81	0.00	3.24	0.00	24.90	240.00
337.60	1150.00	730.88	1.07	2.70	0.00	28.40	240.00
337.60	1350.00	731.30	.42	2.78	0.00	29.79	240.00
337.60	1740.00	732.15	.85	3.17	0.00	32.56	240.00
342.40	650.00	732.65	0.00	2.84	0.00	34.20	480.00
342.40	1150.00	734.68	2.03	3.80	0.00	40.84	480.00
342.40	1350.00	735.33	.65	4.03	0.00	42.98	480.00
342.40	1740.00	736.43	1.08	4.26	0.00	46.50	480.00
343.60	650.00	732.88	0.00	.23	0.00	34.96	120.00
343.60	1150.00	734.94	2.06	.26	0.00	41.71	120.00
343.60	1350.00	735.60	.66	.27	0.00	43.84	120.00
343.60	1740.00	736.70	1.09	.20	0.00	49.56	120.00
344.30	650.00	733.00	0.00	.12	0.00	35.36	70.00
344.30	1150.00	735.08	2.08	.14	0.00	42.14	70.00
344.30	1350.00	735.74	.68	.14	0.00	44.31	70.00
344.30	1740.00	736.85	1.10	.15	0.00	51.57	70.00

	SECNO	Q	CWSEL	DIFWSP	DIFWXY	DIFKWS	TORWID	XLCW
*	345.00	650.00	734.75	0.00	1.75	0.00	17.44	70.00
*	345.00	1350.00	736.56	1.81	1.48	0.00	20.88	70.00
*	345.00	1350.00	737.44	.80	1.70	0.00	41.30	70.00
*	345.00	1700.00	738.73	1.28	1.88	0.00	69.40	70.00
*	350.00	375.00	738.90	0.00	4.15	0.00	19.18	100.00
*	350.00	660.00	740.04	1.13	3.48	0.00	23.19	100.00
*	350.00	780.00	740.43	.48	2.90	0.00	20.50	100.00
*	350.00	1000.00	741.08	.65	2.35	0.00	26.87	100.00
	350.50	375.00	740.16	0.00	1.26	0.00	23.63	50.00
	350.50	660.00	741.47	1.31	1.03	0.00	28.20	50.00
	350.50	780.00	741.92	.45	1.48	0.00	29.82	50.00
	350.50	1000.00	742.64	.73	1.54	0.00	32.39	50.00
*	351.00	375.00	739.87	0.00	-.20	0.00	8.00	50.00
*	351.00	660.00	741.74	1.84	.27	0.00	8.00	50.00
	351.00	780.00	740.47	2.70	2.56	0.00	8.00	50.00
	351.00	1000.00	745.23	.76	2.50	0.00	8.00	50.00
	351.30	375.00	742.00	0.00	2.17	0.00	21.78	30.00
	351.30	660.00	744.92	2.88	3.18	0.00	21.81	30.00
	351.30	780.00	740.57	1.65	2.10	0.00	155.49	30.00
	351.30	1000.00	748.20	1.63	2.97	0.00	256.12	30.00
*	355.50	375.00	743.92	0.00	1.88	0.00	10.00	420.00
*	355.50	580.00	745.23	1.31	.31	0.00	16.64	420.00
	355.50	680.00	746.10	.88	-.47	0.00	18.37	420.00
	355.50	880.00	747.67	1.57	-.53	0.00	21.45	420.00
*	359.00	375.00	755.92	0.00	12.00	0.00	14.07	350.00
*	359.00	580.00	757.21	1.20	11.90	0.00	16.61	350.00
*	359.00	680.00	757.63	.42	11.53	0.00	17.44	350.00
*	359.00	880.00	758.30	.76	10.73	0.00	18.90	350.00
*	363.00	375.00	769.72	0.00	13.80	0.00	14.07	400.00
*	363.00	580.00	771.02	1.20	13.80	0.00	16.62	400.00
*	363.00	680.00	771.44	.43	13.81	0.00	17.45	400.00
*	363.00	880.00	772.20	.74	13.81	0.00	18.95	400.00
*	367.50	325.00	785.63	0.00	15.90	0.00	77.52	450.00
*	367.50	580.00	786.17	.50	15.15	0.00	113.82	450.00
*	367.50	680.00	786.25	.08	14.81	0.00	119.34	450.00
*	367.50	880.00	786.40	.23	14.28	0.00	124.20	450.00

SECTION NUMBER	CHANNEL LENGTH	MIN EL. OF ROADWAY	MAX EL. OF LOW CHORD	MIN EL. OF GROUND	DISCHARGE (CFS)	CWSEI	CRF'S	EA	DEPTH	STENCI	STENCR	VCF
259.70	160.00	0	0	678.10	800.00	684.14	0	684.24	4.06	0	0	2.20
259.70	160.00	0	0	678.10	1510.00	684.96	0	685.02	4.86	0	0	2.84
259.70	160.00	0	0	678.10	1950.00	685.32	0	685.38	7.22	0	0	3.18
259.70	160.00	0	0	678.10	3200.00	686.12	0	686.18	8.02	0	0	3.81
261.15	145.00	688.00	683.00	678.10	800.00	686.75	0	686.91	8.65	0	0	3.17
261.15	145.00	688.00	683.00	678.10	1510.00	688.47	0	688.48	10.37	0	0	3.84
261.15	145.00	688.00	683.00	678.10	1950.00	688.67	0	688.67	10.57	0	0	1.08
261.15	145.00	688.00	683.00	678.10	3200.00	689.10	0	689.11	11.00	0	0	1.60
261.65	50.00	0	0	679.40	800.00	686.70	0	687.01	7.34	0	0	4.44
261.65	50.00	0	0	679.40	1510.00	688.13	0	688.63	8.73	0	0	6.20
261.65	50.00	0	0	679.40	1950.00	688.09	0	688.90	8.49	0	0	8.12
261.65	50.00	0	0	679.40	3200.00	688.01	488.01	690.38	8.41	0	0	13.55
262.15	50.00	0	0	679.50	800.00	687.00	0	687.08	7.54	0	0	2.35
262.15	50.00	0	0	679.50	1510.00	688.69	0	688.73	8.19	0	0	2.50
262.15	50.00	0	0	679.50	1950.00	689.00	0	689.00	8.54	0	0	2.92
262.15	50.00	0	0	679.50	3200.00	690.60	0	690.70	11.14	0	0	3.17
263.15	100.00	0	0	679.50	800.00	687.11	0	687.12	7.61	0	0	1.48
263.15	100.00	0	0	679.50	1510.00	688.75	0	688.77	8.25	0	0	1.60
263.15	100.00	0	0	679.50	1950.00	689.12	0	689.10	8.42	0	0	1.98
263.15	100.00	0	0	679.50	3200.00	690.72	0	690.70	11.22	0	0	2.24
264.15	100.00	0	0	680.50	800.00	686.84	0	687.30	4.34	0	0	5.94
264.15	100.00	0	0	680.50	1510.00	688.30	0	689.00	7.84	0	0	7.33
264.15	100.00	0	0	680.50	1950.00	688.44	0	689.55	7.96	0	0	9.18
264.15	100.00	0	0	680.50	3200.00	690.15	0	691.11	8.45	0	0	9.42
265.15	100.00	0	0	680.50	800.00	687.42	0	687.73	4.92	0	0	4.53
265.15	100.00	0	0	680.50	1510.00	688.88	0	689.50	8.38	0	0	6.85
265.15	100.00	0	0	680.50	1950.00	689.31	0	690.35	8.41	0	0	8.31
265.15	100.00	0	0	680.50	3200.00	690.30	0	692.37	8.80	0	0	11.80
266.15	100.00	0	0	681.50	800.00	687.59	0	688.17	4.89	0	0	6.54
266.15	100.00	0	0	681.50	1510.00	689.24	0	690.23	7.78	0	0	8.64
266.15	100.00	0	0	681.50	1950.00	689.93	0	691.12	8.43	0	0	9.87
266.15	100.00	0	0	681.50	3200.00	692.15	0	693.34	10.45	0	0	10.68
267.15	100.00	0	0	681.50	800.00	688.29	0	688.55	4.79	0	0	4.30
267.15	100.00	0	0	681.50	1510.00	690.30	0	690.67	8.30	0	0	5.30
267.15	100.00	0	0	681.50	1950.00	691.25	0	691.61	8.75	0	0	5.71
267.15	100.00	0	0	681.50	3200.00	693.42	0	693.60	11.02	0	0	6.22
268.15	100.00	0	0	681.50	800.00	688.44	0	688.84	4.86	0	0	5.22
268.15	100.00	0	0	681.50	1510.00	690.51	0	690.90	8.01	0	0	6.24
268.15	100.00	0	0	681.50	1950.00	691.42	0	691.93	8.92	0	0	6.67
268.15	100.00	0	0	681.50	3200.00	693.57	0	694.08	12.07	0	0	7.53

30127

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	HWSEI	CPWS	EG	DEPTH	STENCI	STFNCR	VCH
268.65	50.00	0	0	681.50	800.00	688.67	0	689.00	7.17	0	0	4.91
268.65	50.00	0	0	681.50	1510.00	690.65	0	691.15	0.15	0	0	5.70
268.65	50.00	0	0	681.50	1950.00	691.54	0	692.10	10.04	0	0	6.19
268.65	50.00	0	0	681.50	3200.00	693.64	0	694.25	12.14	0	0	6.78
279.00	1035.00	0	0	685.80	800.00	692.84	0	693.44	7.06	0	0	6.53
279.00	1035.00	0	0	685.80	1510.00	694.43	0	695.15	8.63	0	0	7.67
279.00	1035.00	0	0	685.80	1950.00	695.15	0	695.94	0.75	0	0	8.15
279.00	1035.00	0	0	685.80	3200.00	696.76	0	697.73	10.96	0	0	9.30
280.00	100.00	0	0	685.80	800.00	693.43	0	693.84	7.63	0	0	5.51
280.00	100.00	0	0	685.80	1510.00	695.05	0	695.55	0.25	0	0	6.47
280.00	100.00	0	0	685.80	1950.00	695.78	0	696.34	0.96	0	0	7.02
280.00	100.00	0	0	685.80	3200.00	697.41	0	698.15	11.61	0	0	8.22
281.00	100.00	703.50	695.60	685.80	800.00	693.48	0	694.15	7.68	0	0	6.55
281.00	100.00	703.50	695.60	685.80	1510.00	695.94	0	697.05	10.14	0	0	8.40
281.00	100.00	703.50	695.60	685.80	1950.00	697.93	0	699.11	12.13	0	0	8.71
281.00	100.00	703.50	695.60	685.80	3200.00	704.78	0	704.82	18.98	0	0	2.37
282.20	113.00	706.00	703.00	686.00	720.00	693.64	0	694.52	7.66	0	0	7.42
282.20	113.00	706.00	703.00	686.00	1340.00	696.07	0	697.55	10.07	0	0	9.77
282.20	113.00	706.00	703.00	686.00	1700.00	697.98	0	699.57	11.98	0	0	10.13
282.20	113.00	706.00	703.00	686.00	2500.00	704.34	0	705.05	18.76	0	0	7.62
283.70	150.00	706.80	701.90	687.00	720.00	693.56	0	695.11	4.56	0	0	10.01
283.70	150.00	706.80	701.90	687.00	1340.00	695.81	0	698.34	8.81	0	0	12.81
283.70	150.00	706.80	701.90	687.00	1700.00	697.84	0	700.20	10.86	0	0	12.21
283.70	150.00	706.80	701.90	687.00	2500.00	705.05	0	705.32	18.96	0	0	5.20
292.20	858.00	707.70	704.90	692.00	720.00	697.82	697.82	699.98	8.82	0	0	11.78
292.20	858.00	707.70	704.90	692.00	1340.00	700.22	699.94	703.24	8.22	0	0	13.94
292.20	858.00	707.70	704.90	692.00	1700.00	701.64	0	704.94	8.64	0	0	18.62
292.20	858.00	707.70	704.90	692.00	2500.00	704.61	0	708.70	12.61	0	0	18.40
292.30	5.00	0	0	692.30	700.00	700.03	0	700.10	7.73	0	0	3.55
292.30	5.00	0	0	692.30	1280.00	703.44	0	703.54	11.46	0	0	2.74
292.30	5.00	0	0	692.30	1600.00	705.21	0	705.29	12.91	0	0	2.50
292.30	5.00	0	0	692.30	2300.00	709.17	0	709.20	14.84	0	0	2.30
297.30	500.00	0	0	694.50	700.00	700.90	0	701.32	4.40	0	0	5.27
297.30	500.00	0	0	694.50	1280.00	703.65	0	703.95	0.15	0	0	4.84
297.30	500.00	0	0	694.50	1600.00	705.35	0	705.54	10.85	0	0	4.15
297.30	500.00	0	0	694.50	2300.00	709.20	0	709.25	10.74	0	0	1.55
300.00	270.00	0	0	694.50	700.00	701.68	0	701.94	7.18	0	0	4.25
300.00	270.00	0	0	694.50	1280.00	704.04	0	704.30	0.54	0	0	4.00
300.00	270.00	0	0	694.50	1600.00	705.58	0	705.73	11.06	0	0	3.84
300.00	270.00	0	0	694.50	2300.00	709.25	0	709.27	10.75	0	0	1.50

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY FL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	BASE	CPIWS	EO	DEPTH	STENC	STENCR	VCH
303.00	300.00	0	0	696.00	700.00	702.24	0	702.76	6.74	0	0	5.52
303.00	300.00	0	0	696.00	1280.00	704.37	0	704.82	8.37	0	0	5.72
303.00	300.00	0	0	696.00	1600.00	705.71	0	706.08	9.71	0	0	5.42
303.00	300.00	0	0	696.00	2300.00	709.27	0	709.31	13.27	0	0	2.32
306.00	300.00	0	0	697.50	700.00	703.42	0	703.92	5.92	0	0	6.03
306.00	300.00	0	0	697.50	1280.00	705.11	0	705.71	7.41	0	0	6.92
306.00	300.00	0	0	697.50	1600.00	706.18	0	706.78	8.48	0	0	6.73
306.00	300.00	0	0	697.50	2300.00	709.22	0	709.40	11.72	0	0	4.17
310.00	400.00	0	0	700.90	700.00	705.90	705.09	707.64	5.99	0	0	10.40
310.00	400.00	0	0	700.90	1280.00	708.03	708.03	709.54	7.13	0	0	10.82
310.00	400.00	0	0	700.90	1600.00	708.67	708.67	710.21	7.77	0	0	11.25
310.00	400.00	0	0	700.90	2300.00	709.62	709.62	711.32	8.72	0	0	12.50
311.00	100.00	0	0	700.90	700.00	707.62	0	708.61	4.72	0	0	7.97
311.00	100.00	0	0	700.90	1280.00	708.50	0	710.95	7.40	0	0	12.52
311.00	100.00	0	0	700.90	1600.00	708.82	708.82	712.30	7.98	0	0	14.84
311.00	100.00	0	0	700.90	2300.00	710.72	710.72	715.02	9.85	0	0	16.70
317.00	600.00	0	0	700.90	700.00	707.81	0	708.72	4.01	0	0	7.72
317.00	600.00	0	0	700.90	1280.00	709.33	0	711.25	8.43	0	0	11.12
317.00	600.00	0	0	700.90	1600.00	710.35	0	712.65	9.75	0	0	12.12
317.00	600.00	0	0	700.90	2300.00	712.65	0	715.52	11.75	0	0	13.67
319.50	250.00	0	0	705.30	650.00	710.14	710.14	711.75	4.94	0	0	10.12
319.50	250.00	0	0	705.30	1150.00	713.25	0	713.67	7.05	0	0	5.23
319.50	250.00	0	0	705.30	1350.00	714.11	0	714.35	8.21	0	0	3.93
319.50	250.00	0	0	705.30	1700.00	716.12	0	716.24	10.48	0	0	2.20
322.00	250.00	0	0	707.80	650.00	714.56	0	715.01	4.76	0	0	5.32
322.00	250.00	0	0	707.80	1150.00	715.54	0	716.04	7.74	0	0	5.82
322.00	250.00	0	0	707.80	1350.00	715.39	0	716.22	7.59	0	0	7.33
322.00	250.00	0	0	707.80	1700.00	716.13	0	716.77	8.33	0	0	6.42
326.00	400.00	0	0	711.90	650.00	718.17	0	718.64	4.27	0	0	6.62
326.00	400.00	0	0	711.90	1150.00	719.62	0	720.12	7.72	0	0	5.82
326.00	400.00	0	0	711.90	1350.00	720.25	0	720.63	8.35	0	0	4.92
326.00	400.00	0	0	711.90	1700.00	720.51	0	720.90	8.41	0	0	5.54
329.00	300.00	0	0	714.40	650.00	721.03	0	721.80	4.13	0	0	7.03
329.00	300.00	0	0	714.40	1150.00	722.52	0	723.12	7.72	0	0	5.60
329.00	300.00	0	0	714.40	1350.00	722.90	0	723.47	8.44	0	0	5.80
329.00	300.00	0	0	714.40	1700.00	723.30	0	723.91	9.04	0	0	6.02
332.40	340.00	0	0	718.30	650.00	724.04	0	725.00	5.74	0	0	7.85
332.40	340.00	0	0	718.30	1150.00	725.37	725.37	726.55	7.07	0	0	9.22
332.40	340.00	0	0	718.30	1350.00	725.76	725.70	726.91	7.46	0	0	9.41
332.40	340.00	0	0	718.30	1700.00	726.35	726.35	727.53	8.05	0	0	9.91

3310

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	FWSEL	CRINS	EG	DEPTH	STENCI	STENCH	VCH
335.00	260.00	0	0	721.10	650.00	726.57	0	727.67	5.47	0	0	8.41
335.00	260.00	0	0	721.10	1150.00	728.18	728.18	729.35	7.08	0	0	9.20
335.00	260.00	0	0	721.10	1350.00	728.52	728.52	729.71	7.42	0	0	9.54
335.00	260.00	0	0	721.10	1740.00	728.98	728.98	730.33	7.88	0	0	10.40
337.60	260.00	0	0	724.00	650.00	729.81	0	730.93	5.81	0	0	8.47
337.60	260.00	0	0	724.00	1150.00	730.88	730.88	732.70	6.88	0	0	10.93
337.60	260.00	0	0	724.00	1350.00	731.30	731.30	733.35	7.30	0	0	11.08
337.60	260.00	0	0	724.00	1740.00	732.15	732.15	734.42	8.15	0	0	12.00
342.40	480.00	0	0	724.00	650.00	732.65	0	732.91	8.65	0	0	4.00
342.40	480.00	0	0	724.00	1150.00	734.68	0	735.05	10.68	0	0	4.85
342.40	480.00	0	0	724.00	1350.00	735.33	0	735.74	11.33	0	0	5.11
342.40	480.00	0	0	724.00	1740.00	736.41	0	736.80	12.41	0	0	5.57
343.60	120.00	0	0	724.00	650.00	732.88	0	733.11	8.88	0	0	3.85
343.60	120.00	0	0	724.00	1150.00	734.90	0	735.28	10.90	0	0	4.60
343.60	120.00	0	0	724.00	1350.00	735.60	0	735.97	11.60	0	0	4.80
343.60	120.00	0	0	724.00	1740.00	736.70	0	737.10	12.70	0	0	5.34
344.30	70.00	0	0	724.00	650.00	733.00	0	733.22	6.00	0	0	3.74
344.30	70.00	0	0	724.00	1150.00	735.08	0	735.40	11.08	0	0	4.50
344.30	70.00	0	0	724.00	1350.00	735.70	0	736.10	11.70	0	0	4.79
344.30	70.00	0	0	724.00	1740.00	736.85	0	737.27	12.85	0	0	5.23
345.00	70.00	0	0	729.40	650.00	734.75	734.75	736.52	5.35	0	0	10.68
345.00	70.00	0	0	729.40	1150.00	736.56	736.56	738.75	7.16	0	0	11.88
345.00	70.00	0	0	729.40	1350.00	737.44	737.44	739.41	8.04	0	0	11.35
345.00	70.00	0	0	729.40	1740.00	738.73	738.73	740.30	8.73	0	0	10.64
350.00	100.00	0	0	735.60	475.00	748.90	748.90	740.04	4.40	0	0	8.62
350.00	100.00	0	0	735.60	460.00	740.04	740.04	741.52	4.84	0	0	9.77
350.00	100.00	0	0	735.60	780.00	740.43	740.43	742.03	4.83	0	0	10.13
350.00	100.00	0	0	735.60	1000.00	741.08	741.08	742.85	5.48	0	0	10.68
350.50	50.00	0	0	735.60	375.00	740.16	0	740.60	4.56	0	0	5.32
350.50	50.00	0	0	735.60	460.00	741.47	0	742.08	5.47	0	0	6.33
350.50	50.00	0	0	735.60	780.00	741.92	0	742.60	6.32	0	0	6.65
350.50	50.00	0	0	735.60	1000.00	742.60	0	743.40	7.00	0	0	7.15
351.00	50.00	749.70	743.20	735.80	375.00	749.87	749.87	741.93	4.87	0	0	11.51
351.00	50.00	749.70	743.20	735.80	460.00	741.70	741.70	744.70	5.94	0	0	13.97
351.00	50.00	749.70	743.20	735.80	780.00	744.47	0	746.43	8.67	0	0	11.24
351.00	50.00	749.70	743.20	735.80	1000.00	745.23	0	747.94	9.43	0	0	13.25
351.30	30.00	0	0	735.40	375.00	743.21	0	743.32	7.81	0	0	2.74
351.30	30.00	0	0	735.40	460.00	745.07	0	746.05	10.57	0	0	2.52
351.30	30.00	0	0	735.40	780.00	747.11	0	747.14	11.71	0	0	2.00
351.30	30.00	0	0	735.40	1000.00	748.70	0	748.73	13.30	0	0	1.81

See New Summary!!!

SECTION NUMBER	CHANNL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DYSCARGE (CFS)	CWSEL	CRS	EG	DEPTH	STENCI	STENCH	VCH
355.50	420.00	0	740.40	0	325.00	754.83	0	754.83	14.03	0	0	1.00
355.50	420.00	0	740.40	0	580.00	754.83	0	756.80	14.03	0	0	1.10
355.50	420.00	0	740.40	0	680.00	757.17	0	757.19	14.77	0	0	1.20
355.50	420.00	0	740.40	0	880.00	757.57	0	757.60	17.17	0	0	1.44
359.00	350.00	0	752.40	0	325.00	762.17	0	762.20	9.77	0	0	2.00
359.00	350.00	0	752.40	0	580.00	764.80	0	764.92	12.09	0	0	2.30
359.00	350.00	0	752.40	0	680.00	765.79	0	765.87	13.79	0	0	2.31
359.00	350.00	0	752.40	0	880.00	767.30	0	767.37	14.00	0	0	2.23
363.00	400.00	0	766.20	0	325.00	778.5	0	778.72	12.56	0	0	1.20
363.00	400.00	0	766.20	0	580.00	781.05	0	781.08	14.85	0	0	1.44
363.00	400.00	0	766.20	0	680.00	781.60	0	781.63	15.70	0	0	1.57
363.00	400.00	0	766.20	0	880.00	783.39	0	782.43	14.19	0	0	1.70
367.50	450.00	0	781.90	0	325.00	788.44	0	788.49	4.58	0	0	.91
367.50	450.00	0	781.90	0	580.00	789.88	0	789.80	7.98	0	0	1.00
367.50	450.00	0	781.90	0	680.00	790.34	0	790.37	8.46	0	0	1.03
367.50	450.00	0	781.90	0	880.00	791.22	0	791.23	6.32	0	0	1.07

SECTION NUMBER	DYSCARGE CFS	CWSEL	CWSEL DIFF EACH Q	DIFF EACH SECTION	TOPWIN	DIFF	LENGTH
156.800	920.000	651.790	0	0	0	0	280.000
156.800	1800.000	652.673	.878	0	0	0	280.000
156.800	2400.000	653.152	.479	0	0	0	280.000
156.800	4300.000	654.370	1.219	0	0	0	280.000
160.700	940.000	652.504	0	.750	0	0	390.000
160.700	1800.000	653.404	.892	.768	0	0	390.000
160.700	2400.000	653.909	.469	.757	0	0	390.000
160.700	4300.000	655.094	1.184	.723	0	0	390.000
172.700	940.000	655.554	0	3.010	0	0	1200.000
172.700	1800.000	656.379	.821	2.939	0	0	1200.000
172.700	2400.000	656.751	.371	2.841	0	0	1200.000
172.700	4300.000	657.659	.908	2.564	0	0	1200.000
179.000	900.000	656.704	0	2.465	0	0	630.000
179.000	1720.000	659.101	1.097	2.722	0	0	630.000
179.000	2250.000	659.594	.497	2.444	0	0	630.000
179.000	4000.000	660.762	1.154	3.103	0	0	630.000
180.800	900.000	657.581	0	.577	0	0	185.000
180.800	1720.000	659.794	1.214	.693	0	0	185.000
180.800	2250.000	662.691	3.004	3.203	0	0	185.000
180.800	4000.000	664.369	1.568	3.607	0	0	185.000
190.000	900.000	661.743	0	3.162	0	0	915.000
190.000	1720.000	663.554	1.811	3.760	0	0	915.000
190.000	2250.000	664.704	1.150	1.903	0	0	915.000
190.000	4000.000	666.681	1.977	2.312	0	0	915.000
204.300	840.000	665.224	0	3.481	0	0	1435.000
204.300	1420.000	666.334	1.110	2.784	0	0	1435.000
204.300	2100.000	666.981	.643	2.277	0	0	1435.000
204.300	3650.000	668.740	1.759	2.059	0	0	1435.000
214.350	540.000	666.921	0	1.697	0	0	1005.000
214.350	1620.000	667.918	.997	1.580	0	0	1005.000
214.350	2100.000	668.410	.492	1.429	0	0	1005.000

214,950	3650,000	669,841	1,431	1,101	0	0	0	1005,000
218,950	800,000	668,040	0	1,119	0	0	0	460,000
218,950	1620,000	668,875	.835	.957	0	0	0	460,000
218,950	2100,000	669,265	.390	.855	0	0	0	460,000
218,950	3650,000	670,470	1,205	.629	0	0	0	460,000
221,750	800,000	669,617	0	1,577	0	0	0	280,000
221,750	1620,000	670,693	1,076	1,818	0	0	0	280,000
221,750	2100,000	671,132	.430	1,867	0	0	0	280,000
221,750	3650,000	672,171	1,039	1,700	0	0	0	280,000
226,950	800,000	671,394	0	1,778	0	0	0	520,000
226,950	1620,000	672,209	.814	1,516	0	0	0	520,000
226,950	2100,000	672,605	.394	1,473	0	0	0	520,000
226,950	3650,000	673,640	1,035	1,469	0	0	0	520,000
233,900	800,000	673,319	0	1,924	0	0	0	495,000
233,900	1510,000	674,174	.854	1,964	0	0	0	495,000
233,900	1950,000	674,566	.392	1,962	0	0	0	495,000
233,900	3200,000	675,546	.970	1,906	0	0	0	495,000
242,250	800,000	675,557	0	2,238	0	0	0	835,000
242,250	1510,000	676,496	.930	2,322	0	0	0	835,000
242,250	1950,000	676,658	.462	2,392	0	0	0	835,000
242,250	3200,000	678,004	1,048	2,461	0	0	0	835,000
245,750	800,000	676,600	0	1,043	0	0	0	350,000
245,750	1510,000	677,507	.908	1,011	0	0	0	350,000
245,750	1950,000	677,966	.450	1,008	0	0	0	350,000
245,750	3200,000	679,035	1,060	1,029	0	0	0	350,000
247,000	800,000	676,860	0	.200	0	0	0	125,000
247,000	1510,000	677,725	.805	.218	0	0	0	125,000
247,000	1950,000	678,160	.440	.203	0	0	0	125,000
247,000	3200,000	679,218	1,049	.184	0	0	0	125,000
251,450	800,000	679,100	0	2,244	0	0	0	845,000
251,450	1510,000	679,654	.550	1,920	0	0	0	845,000
251,450	1950,000	679,945	.291	1,774	0	0	0	845,000
251,450	3200,000	680,720	.775	1,502	0	0	0	845,000
255,100	800,000	680,589	0	1,485	0	0	0	365,000
255,100	1510,000	681,263	.674	1,409	0	0	0	365,000
255,100	1950,000	681,560	.332	1,410	0	0	0	365,000
255,100	3200,000	682,240	.665	1,529	0	0	0	365,000
256,100	800,000	680,818	0	.220	0	0	0	100,000
256,100	1510,000	681,517	.490	.254	0	0	0	100,000
256,100	1950,000	681,825	.308	.261	0	0	0	100,000
256,100	3200,000	682,517	.492	.268	0	0	0	100,000
257,100	800,000	683,132	0	2,314	0	0	0	100,000
257,100	1510,000	683,644	.511	2,127	0	0	0	100,000
257,100	1950,000	683,877	.233	2,052	0	0	0	100,000
257,100	3200,000	684,314	.440	1,790	0	0	0	100,000
258,100	800,000	683,810	0	.686	0	0	0	100,000
258,100	1510,000	684,459	.640	.815	0	0	0	100,000
258,100	1950,000	684,740	.281	.863	0	0	0	100,000
258,100	3200,000	685,405	.665	1,080	0	0	0	100,000
259,700	800,000	684,158	0	.330	0	0	0	160,000
259,700	1510,000	684,963	.805	.504	0	0	0	160,000
259,700	1950,000	685,320	.357	.580	0	0	0	160,000
259,700	3200,000	686,115	.795	.710	0	0	0	160,000

261.150	800.000	686.750	0	2.596	0	0	0	145.000
261.150	1510.000	688.472	1.718	3.509	0	0	0	145.000
261.150	1950.000	688.669	.197	3.349	0	0	0	145.000
261.150	3200.000	689.096	.427	2.981	0	0	0	145.000
261.650	800.000	686.739	0	-.015	0	0	0	50.000
261.650	1510.000	688.131	1.392	-.340	0	0	0	50.000
261.650	1950.000	688.088	-.043	-.581	0	0	0	50.000
261.650	3200.000	688.008	-.080	-1.088	0	0	0	50.000
262.150	800.000	687.041	0	.302	0	0	0	50.000
262.150	1510.000	688.691	1.651	.560	0	0	0	50.000
262.150	1950.000	689.040	.349	.952	0	0	0	50.000
262.150	3200.000	690.644	1.603	2.435	0	0	0	50.000
263.150	800.000	687.108	0	.067	0	0	0	100.000
263.150	1510.000	688.750	1.642	.059	0	0	0	100.000
263.150	1950.000	689.116	.366	.076	0	0	0	100.000
263.150	3200.000	690.718	1.602	.075	0	0	0	100.000
264.150	800.000	686.836	0	-.272	0	0	0	100.000
264.150	1510.000	688.337	1.501	-.413	0	0	0	100.000
264.150	1950.000	688.457	.120	-.660	0	0	0	100.000
264.150	3200.000	690.147	1.691	-.571	0	0	0	100.000
265.150	800.000	687.416	0	.579	0	0	0	100.000
265.150	1510.000	688.870	1.464	.542	0	0	0	100.000
265.150	1950.000	689.312	.433	.855	0	0	0	100.000
265.150	3200.000	690.302	.989	.154	0	0	0	100.000
266.150	800.000	687.589	0	.173	0	0	0	100.000
266.150	1510.000	689.282	1.693	.402	0	0	0	100.000
266.150	1950.000	689.933	.651	.420	0	0	0	100.000
266.150	3200.000	692.147	2.214	1.845	0	0	0	100.000
267.150	800.000	688.284	0	.697	0	0	0	100.000
267.150	1510.000	690.330	2.053	1.057	0	0	0	100.000
267.150	1950.000	691.249	.910	1.316	0	0	0	100.000
267.150	3200.000	693.421	2.172	1.274	0	0	0	100.000
268.150	800.000	688.461	0	.175	0	0	0	100.000
268.150	1510.000	690.506	2.044	.168	0	0	0	100.000
268.150	1950.000	691.418	.911	.160	0	0	0	100.000
268.150	3200.000	693.566	2.140	.145	0	0	0	100.000
268.650	800.000	688.667	0	.204	0	0	0	50.000
268.650	1510.000	690.649	1.982	.142	0	0	0	50.000
268.650	1950.000	691.530	.890	.121	0	0	0	50.000
268.650	3200.000	693.642	2.103	.075	0	0	0	50.000
279.000	800.000	692.862	0	4.195	0	0	0	1035.000
279.000	1510.000	694.427	1.564	3.778	0	0	0	1035.000
279.000	1950.000	695.150	.727	3.615	0	0	0	1035.000
279.000	3200.000	696.758	1.604	3.116	0	0	0	1035.000
280.000	800.000	693.431	0	.560	0	0	0	100.000
280.000	1510.000	695.053	1.622	.626	0	0	0	100.000
280.000	1950.000	695.775	.722	.621	0	0	0	100.000
280.000	3200.000	697.409	1.633	.651	0	0	0	100.000
281.000	800.000	693.481	0	.050	0	0	0	100.000
281.000	1510.000	695.935	2.454	.882	0	0	0	100.000
281.000	1950.000	697.934	1.999	2.158	0	0	0	100.000
281.000	3200.000	704.780	6.847	7.372	0	0	0	100.000

282,200	720,000	693,662	0	.181	0	0	113,000
282,200	1340,000	696,068	2,406	.133	0	0	113,000
282,200	1700,000	697,983	1,915	.040	0	0	113,000
282,200	2500,000	704,365	6,382	-.416	0	0	113,000
283,700	720,000	693,557	0	-.105	0	0	150,000
283,700	1340,000	695,809	2,252	-.258	0	0	150,000
283,700	1700,000	697,857	2,047	-.126	0	0	150,000
283,700	2500,000	705,064	7,208	.699	0	0	150,000
292,200	720,000	697,820	0	0.263	0	0	258,000
292,200	1340,000	700,218	2,398	0.409	0	0	258,000
292,200	1700,000	701,640	1,422	1.783	0	0	258,000
292,200	2500,000	704,609	2,969	-.455	0	0	258,000
292,300	700,000	700,032	0	2.211	0	0	5,000
292,300	1280,000	703,455	3,424	3.237	0	0	5,000
292,300	1600,000	705,213	1,758	3.573	0	0	5,000
292,300	2300,000	709,143	3,930	4.534	0	0	5,000
297,300	700,000	700,903	0	.871	0	0	500,000
297,300	1280,000	703,647	2,744	.191	0	0	500,000
297,300	1600,000	705,349	1,702	.134	0	0	500,000
297,300	2300,000	709,234	3,887	.093	0	0	500,000
300,000	700,000	701,678	0	.775	0	0	270,000
300,000	1280,000	704,040	2,362	.393	0	0	270,000
300,000	1600,000	705,577	1,537	.228	0	0	270,000
300,000	2300,000	709,254	3,677	.018	0	0	270,000
303,000	700,000	702,243	0	.564	0	0	300,000
303,000	1280,000	704,372	2,129	.333	0	0	300,000
303,000	1600,000	705,712	1,339	.135	0	0	300,000
303,000	2300,000	709,268	3,557	.010	0	0	300,000
306,000	700,000	703,422	0	1.179	0	0	300,000
306,000	1280,000	705,108	1,684	.735	0	0	300,000
306,000	1600,000	706,185	1,077	.473	0	0	300,000
306,000	2300,000	709,284	3,090	.015	0	0	300,000
310,000	700,000	705,995	0	2.573	0	0	400,000
310,000	1280,000	708,029	2,034	2.922	0	0	400,000
310,000	1600,000	708,670	.640	2.480	0	0	400,000
310,000	2300,000	709,623	.949	.330	0	0	400,000
311,000	700,000	707,620	0	1.629	0	0	100,000
311,000	1280,000	708,494	.872	.467	0	0	100,000
311,000	1600,000	708,875	.339	.202	0	0	100,000
311,000	2300,000	710,744	1,871	1.123	0	0	100,000
317,000	700,000	707,804	0	.183	0	0	400,000
317,000	1280,000	709,329	1,523	.933	0	0	400,000
317,000	1600,000	710,349	1,020	1.474	0	0	400,000
317,000	2300,000	712,653	2,304	1.907	0	0	400,000
319,500	650,000	710,139	0	2.333	0	0	250,000
319,500	1150,000	713,244	3,107	3.917	0	0	250,000
319,500	1350,000	714,110	.864	3.760	0	0	250,000
319,500	1740,000	716,179	2,069	3.525	0	0	250,000
322,000	650,000	714,564	0	4.125	0	0	250,000
322,000	1150,000	715,537	.973	2.291	0	0	250,000
322,000	1350,000	715,388	-.149	1.278	0	0	250,000
322,000	1740,000	716,128	.740	-.050	0	0	250,000
326,000	650,000	718,167	0	3.603	0	0	400,000

329.000	650.000	721.030	0	2.864	0	300.000
329.000	1150.000	722.478	1.648	3.057	0	300.000
329.000	1350.000	722.934	1.258	2.682	0	300.000
329.000	1700.000	723.338	0.402	2.828	0	300.000
332.400	450.000	724.044	0	3.014	0	340.000
332.400	1150.000	725.375	1.330	2.697	0	340.000
332.400	1350.000	725.763	0.388	2.827	0	340.000
332.400	1700.000	726.344	0.584	3.008	0	340.000
335.000	450.000	726.574	0	2.530	0	260.000
335.000	1150.000	728.181	1.409	2.808	0	260.000
335.000	1350.000	728.520	0.337	2.757	0	260.000
335.000	1700.000	728.977	0.457	2.431	0	260.000
337.600	650.000	729.811	0	3.237	0	260.000
337.600	1150.000	730.879	1.068	2.497	0	260.000
337.600	1350.000	731.304	0.425	2.785	0	260.000
337.600	1700.000	732.150	0.844	3.173	0	260.000
342.400	650.000	732.452	0	2.840	0	480.000
342.400	1150.000	734.684	2.053	3.805	0	480.000
342.400	1350.000	735.332	0.647	4.027	0	480.000
342.400	1700.000	735.407	1.075	4.257	0	480.000
343.600	450.000	732.881	0	2.231	0	120.000
343.600	1150.000	734.944	2.061	2.260	0	120.000
343.600	1350.000	735.401	0.557	2.269	0	120.000
343.600	1700.000	736.695	1.094	2.289	0	120.000
344.300	450.000	733.004	0	1.121	0	70.000
344.300	1150.000	735.080	2.077	1.134	0	70.000
344.300	1350.000	735.743	0.662	1.142	0	70.000
344.300	1700.000	735.844	1.104	1.151	0	70.000
345.000	450.000	734.752	0	1.748	0	70.000
345.000	1150.000	736.558	1.804	1.477	0	70.000
345.000	1350.000	737.445	0.887	1.702	0	70.000
345.000	1700.000	738.728	1.283	1.882	0	70.000
350.000	375.000	740.160	0	1.257	0	50.000
350.000	660.000	741.467	1.307	1.630	0	50.000
350.000	780.000	741.915	0.440	1.483	0	50.000
350.000	1000.000	742.442	0.724	1.504	0	50.000
351.000	375.000	739.871	0	-0.288	0	50.000
351.000	660.000	741.734	1.864	0.269	0	50.000
351.000	780.000	744.471	2.735	2.554	0	50.000
351.000	1000.000	745.231	0.760	2.589	0	50.000
351.300	375.000	743.205	0	2.334	0	30.000
351.300	660.000	745.970	2.764	4.214	0	30.000
351.300	780.000	747.107	1.137	2.434	0	30.000
351.300	1000.000	748.889	1.593	3.449	0	30.000
355.500	325.000	756.811	0	11.406	0	40.000
355.500	660.000	756.828	2.017	10.858	0	40.000
355.500	1000.000	757.811	0	11.406	0	40.000
355.500	1350.000	758.811	0	11.406	0	40.000

See New Summary

New Summary

SUMMARY PRINTOUT

DUHARTS CP 10-YR 0

SECNO	XLCH	ELTRD	ELLC	ELMTR	Q	CWSEL	QIK	EG	TOPWTD	STENCL	STENCH	VCH
156.80	280.00	0.00	0.00	643.30	940.00	651.70	209.86	651.87	480.78	0.00	0.00	3.08
156.80	280.00	0.00	0.00	643.30	1800.00	652.67	401.43	652.75	512.79	0.00	0.00	3.37
156.80	280.00	0.00	0.00	643.30	2400.00	653.15	535.20	653.23	525.28	0.00	0.00	3.52
156.80	280.00	0.00	0.00	643.30	4300.00	654.37	961.36	654.46	551.04	0.00	0.00	3.88
160.70	390.00	0.00	0.00	644.30	940.00	652.55	213.11	652.65	432.43	0.00	0.00	3.08
160.70	390.00	0.00	0.00	644.30	1800.00	653.44	401.19	653.50	677.11	0.00	0.00	3.48
160.70	390.00	0.00	0.00	644.30	2400.00	653.91	546.71	654.00	749.97	0.00	0.00	3.58
160.70	390.00	0.00	0.00	644.30	4300.00	655.00	1046.25	655.18	784.50	0.00	0.00	3.74
172.70	1200.00	0.00	0.00	646.80	940.00	655.56	142.54	655.84	435.80	0.00	0.00	4.67
172.70	1200.00	0.00	0.00	646.80	1800.00	656.38	288.02	656.62	508.22	0.00	0.00	5.18
172.70	1200.00	0.00	0.00	646.80	2400.00	656.75	349.01	656.90	523.22	0.00	0.00	5.51
172.70	1200.00	0.00	0.00	646.80	4300.00	657.68	603.84	657.92	544.05	0.00	0.00	6.21
179.00	630.00	0.00	0.00	648.40	900.00	658.00	154.13	658.28	134.24	0.00	0.00	4.24
179.00	630.00	0.00	0.00	648.40	1720.00	659.10	261.52	659.43	292.70	0.00	0.00	5.32
179.00	630.00	0.00	0.00	648.40	2250.00	659.60	334.36	659.94	319.38	0.00	0.00	5.74
179.00	630.00	0.00	0.00	648.40	4000.00	660.76	542.26	661.15	356.71	0.00	0.00	6.68
180.80	185.00	662.50	660.80	647.80	900.00	658.58	149.29	658.89	51.46	0.00	0.00	4.47
180.80	185.00	662.50	660.80	647.80	1720.00	659.79	216.57	660.50	85.58	0.00	0.00	6.96
180.80	185.00	662.50	660.80	647.80	2250.00	662.80	475.34	663.10	179.52	0.00	0.00	5.07
180.80	185.00	662.50	660.80	647.80	4000.00	664.37	712.61	664.80	222.78	0.00	0.00	6.55
190.00	915.00	0.00	0.00	654.00	900.00	661.74	152.06	661.92	179.45	0.00	0.00	4.22
190.00	915.00	0.00	0.00	654.00	1720.00	663.55	343.30	663.68	203.63	0.00	0.00	4.03
190.00	915.00	0.00	0.00	654.00	2250.00	664.70	548.64	664.82	216.95	0.00	0.00	3.82
190.00	915.00	0.00	0.00	654.00	4000.00	666.68	964.31	666.83	250.81	0.00	0.00	4.42
204.30	1435.00	0.00	0.00	656.00	840.00	665.22	203.13	665.33	307.70	0.00	0.00	2.98
204.30	1435.00	0.00	0.00	656.00	1620.00	666.34	394.99	666.44	380.29	0.00	0.00	3.31
204.30	1435.00	0.00	0.00	656.00	2100.00	666.98	542.32	667.07	394.70	0.00	0.00	3.32
204.30	1435.00	0.00	0.00	656.00	3650.00	668.74	1077.32	668.82	436.40	0.00	0.00	3.34
214.35	1005.00	0.00	0.00	660.00	840.00	666.92	201.46	667.08	425.83	0.00	0.00	3.75
214.35	1005.00	0.00	0.00	660.00	1620.00	667.92	418.59	668.04	486.15	0.00	0.00	3.87
214.35	1005.00	0.00	0.00	660.00	2100.00	668.41	566.72	668.52	498.11	0.00	0.00	3.90
214.35	1005.00	0.00	0.00	660.00	3650.00	669.84	1119.94	669.94	532.54	0.00	0.00	3.69
218.95	460.00	0.00	0.00	661.50	840.00	668.04	104.48	668.58	130.77	0.00	0.00	6.40
218.95	460.00	0.00	0.00	661.50	1620.00	668.87	172.24	669.60	216.81	0.00	0.00	8.20
218.95	460.00	0.00	0.00	661.50	2100.00	669.27	218.19	670.03	241.97	0.00	0.00	8.79
218.95	460.00	0.00	0.00	661.50	3650.00	670.47	416.52	671.15	293.81	0.00	0.00	9.09
221.75	280.00	0.00	0.00	662.90	840.00	669.62	145.68	669.87	331.40	0.00	0.00	4.84
221.75	280.00	0.00	0.00	662.90	1620.00	670.69	320.83	670.87	443.57	0.00	0.00	4.82
221.75	280.00	0.00	0.00	662.90	2100.00	671.13	422.01	671.30	454.71	0.00	0.00	4.97
221.75	280.00	0.00	0.00	662.90	3650.00	672.17	720.47	672.35	479.25	0.00	0.00	5.57
226.95	520.00	0.00	0.00	664.10	840.00	671.30	152.83	671.53	345.73	0.00	0.00	4.07
226.95	520.00	0.00	0.00	664.10	1620.00	672.21	286.98	672.35	459.27	0.00	0.00	4.54
226.95	520.00	0.00	0.00	664.10	2100.00	672.60	375.51	672.74	478.10	0.00	0.00	4.70
226.95	520.00	0.00	0.00	664.10	3650.00	673.64	670.00	673.70	527.48	0.00	0.00	5.01

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	NIK	EG	TOPWTD	STENCL	STENCR	VCH
233.90	695.00	0.00	0.00	667.60	800.00	673.32	163.82	673.40	365.9A	0.00	0.00	3.57
233.90	695.00	0.00	0.00	667.60	1510.00	674.17	310.77	674.2A	379.21	0.00	0.00	3.97
233.90	695.00	0.00	0.00	667.60	1950.00	674.57	397.09	674.6A	3A3.02	0.00	0.00	4.20
233.90	695.00	0.00	0.00	667.60	3200.00	675.55	650.81	675.6A	392.42	0.00	0.00	4.67
242.25	835.00	0.00	0.00	669.50	800.00	675.56	138.41	675.7A	213.9A	0.00	0.00	4.91
242.25	835.00	0.00	0.00	669.50	1510.00	676.50	247.82	676.75	230.49	0.00	0.00	5.80
242.25	835.00	0.00	0.00	669.50	1950.00	676.96	312.86	677.23	238.44	0.00	0.00	6.22
242.25	835.00	0.00	0.00	669.50	3200.00	678.01	493.55	678.30	256.79	0.00	0.00	7.15
245.75	350.00	0.00	0.00	670.40	800.00	676.60	173.58	676.71	512.44	0.00	0.00	3.73
245.75	350.00	0.00	0.00	670.40	1510.00	677.51	377.35	677.5A	519.15	0.00	0.00	3.60
245.75	350.00	0.00	0.00	670.40	1950.00	677.97	510.25	678.00	522.55	0.00	0.00	3.60
245.75	350.00	0.00	0.00	670.40	3200.00	679.03	899.6A	679.11	529.40	0.00	0.00	3.74
247.00	125.00	0.00	0.00	670.90	800.00	676.86	125.17	677.11	508.40	0.00	0.00	5.03
247.00	125.00	0.00	0.00	670.90	1510.00	677.72	271.60	677.8A	517.07	0.00	0.00	4.80
247.00	125.00	0.00	0.00	670.90	1950.00	678.17	372.21	678.30	520.3A	0.00	0.00	4.70
247.00	125.00	0.00	0.00	670.90	3200.00	679.22	669.3A	679.33	527.7A	0.00	0.00	4.84
251.45	445.00	0.00	0.00	672.50	800.00	679.10	98.03	679.42	452.60	0.00	0.00	5.8A
251.45	445.00	0.00	0.00	672.50	1510.00	679.65	174.22	679.97	4A6.10	0.00	0.00	6.70
251.45	445.00	0.00	0.00	672.50	1950.00	679.95	224.72	6A0.25	473.33	0.00	0.00	7.09
251.45	445.00	0.00	0.00	672.50	3200.00	6A0.72	392.42	6A1.00	4A6.61	0.00	0.00	7.37
255.10	3A5.00	0.00	0.00	675.60	800.00	6A0.50	1A0.83	6A0.65	401.77	0.00	0.00	3.0A
255.10	3A5.00	0.00	0.00	675.60	1510.00	6A1.2A	325.51	6A1.33	855.8A	0.00	0.00	3.57
255.10	3A5.00	0.00	0.00	675.60	1950.00	6A1.5A	415.59	6A1.63	8A8.85	0.00	0.00	3.70
255.10	3A5.00	0.00	0.00	675.60	3200.00	6A2.25	678.67	6A2.32	940.67	0.00	0.00	4.20
256.10	100.00	0.00	0.00	676.60	800.00	6A0.82	90.82	6A1.04	2A8.05	0.00	0.00	5.43
256.10	100.00	0.00	0.00	676.60	1510.00	6A1.52	170.3A	6A1.75	4A0.0A	0.00	0.00	6.04
256.10	100.00	0.00	0.00	676.60	1950.00	6A1.83	222.20	6A2.05	710.70	0.00	0.00	6.30
256.10	100.00	0.00	0.00	676.60	3200.00	6A2.52	400.00	6A2.71	8A3.93	0.00	0.00	6.41
* 257.10	100.00	0.00	0.00	677.50	800.00	6A3.13	81.10	6A3.61	375.07	0.00	0.00	7.11
* 257.10	100.00	0.00	0.00	677.50	1510.00	6A3.64	138.97	6A4.14	4A5.91	0.00	0.00	8.50
* 257.10	100.00	0.00	0.00	677.50	1950.00	6A3.8A	174.26	6A4.41	509.1A	0.00	0.00	9.11
* 257.10	100.00	0.00	0.00	677.50	3200.00	6A4.32	255.59	6A4.95	526.87	0.00	0.00	10.85
258.10	100.00	0.00	0.00	674.50	800.00	6A3.82	1A3.22	6A4.01	375.45	0.00	0.00	4.02
258.10	100.00	0.00	0.00	674.50	1510.00	6A4.4A	2A9.07	6A4.73	422.00	0.00	0.00	5.44
258.10	100.00	0.00	0.00	674.50	1950.00	6A4.70	317.14	6A5.0A	432.97	0.00	0.00	5.10
258.10	100.00	0.00	0.00	674.50	3200.00	6A5.41	453.65	6A5.70	453.81	0.00	0.00	7.37
259.70	1A0.00	0.00	0.00	678.10	800.00	6A4.16	301.20	6A4.20	443.04	0.00	0.00	2.24
259.70	1A0.00	0.00	0.00	678.10	1510.00	6A4.9A	4A1.12	6A5.02	610.99	0.00	0.00	2.8A
259.70	1A0.00	0.00	0.00	678.10	1950.00	6A5.32	584.57	6A5.3A	697.05	0.00	0.00	3.1A
259.70	1A0.00	0.00	0.00	678.10	3200.00	6A6.12	874.76	6A6.19	803.9A	0.00	0.00	3.81
261.15	145.00	6A8.00	6A3.00	678.10	800.00	6A6.75	273.99	6A6.91	36.00	0.00	0.00	3.17
261.15	145.00	6A8.00	6A3.00	678.10	1510.00	6A8.47	2209.85	6A8.4A	1070.62	0.00	0.00	.8A
261.15	145.00	6A8.00	6A3.00	678.10	1950.00	6A8.67	2357.55	6A8.67	1093.02	0.00	0.00	1.0A
261.15	145.00	6A8.00	6A3.00	678.10	3200.00	6A9.10	2693.72	6A9.11	1141.24	0.00	0.00	1.6A

SECNO	ALCH	ELTRD	ELLC	ELMTN	Q	CWSFL	.01K	EG	TOPWID	STENCL	STENCR	VCR
261.65	50.00	0.00	0.00	679.40	800.00	686.74	168.24	687.01	63.41	0.00	0.00	4.46
261.65	50.00	0.00	0.00	679.40	1510.00	688.13	254.81	688.63	69.87	0.00	0.00	6.24
261.65	50.00	0.00	0.00	679.40	1950.00	688.09	251.67	688.94	69.64	0.00	0.00	8.12
261.65	50.00	0.00	0.00	679.40	3200.00	688.01	246.23	690.34	69.29	0.00	0.00	13.55
262.15	50.00	0.00	0.00	679.50	800.00	687.04	329.02	687.04	327.50	0.00	0.00	2.35
262.15	50.00	0.00	0.00	679.50	1510.00	688.69	672.36	688.73	417.85	0.00	0.00	2.50
262.15	50.00	0.00	0.00	679.50	1950.00	689.04	764.96	689.09	435.47	0.00	0.00	2.93
262.15	50.00	0.00	0.00	679.50	3200.00	690.64	1249.87	690.70	458.93	0.00	0.00	3.17
263.15	100.00	0.00	0.00	679.50	800.00	687.11	519.21	687.12	419.27	0.00	0.00	1.49
263.15	100.00	0.00	0.00	679.50	1510.00	688.75	989.20	688.77	529.75	0.00	0.00	1.69
263.15	100.00	0.00	0.00	679.50	1950.00	689.12	1120.38	689.14	538.75	0.00	0.00	1.99
263.15	100.00	0.00	0.00	679.50	3200.00	690.72	1796.61	690.74	577.21	0.00	0.00	2.24
264.15	100.00	0.00	0.00	680.50	800.00	686.84	97.40	687.34	62.20	0.00	0.00	5.94
264.15	100.00	0.00	0.00	680.50	1510.00	688.34	181.69	689.04	116.31	0.00	0.00	7.33
264.15	100.00	0.00	0.00	680.50	1950.00	688.44	189.66	689.55	120.84	0.00	0.00	9.18
264.15	100.00	0.00	0.00	680.50	3200.00	690.15	343.80	691.11	253.74	0.00	0.00	9.42
265.15	100.00	0.00	0.00	680.50	800.00	687.42	142.61	687.73	35.82	0.00	0.00	4.53
265.15	100.00	0.00	0.00	680.50	1510.00	688.82	226.21	689.59	48.96	0.00	0.00	6.85
265.15	100.00	0.00	0.00	680.50	1950.00	689.31	247.41	690.35	52.83	0.00	0.00	8.31
265.15	100.00	0.00	0.00	680.50	3200.00	690.30	300.63	692.37	61.69	0.00	0.00	11.89
266.15	100.00	0.00	0.00	681.50	800.00	687.59	100.72	688.17	42.24	0.00	0.00	6.54
266.15	100.00	0.00	0.00	681.50	1510.00	689.22	174.30	690.23	66.21	0.00	0.00	6.66
266.15	100.00	0.00	0.00	681.50	1950.00	689.93	209.36	691.12	83.05	0.00	0.00	9.87
266.15	100.00	0.00	0.00	681.50	3200.00	692.15	375.09	693.34	140.20	0.00	0.00	10.62
267.15	100.00	0.00	0.00	681.50	800.00	688.29	147.40	688.55	73.09	0.00	0.00	4.39
267.15	100.00	0.00	0.00	681.50	1510.00	690.34	314.40	690.67	127.53	0.00	0.00	5.30
267.15	100.00	0.00	0.00	681.50	1950.00	691.25	404.12	691.61	154.05	0.00	0.00	5.71
267.15	100.00	0.00	0.00	681.50	3200.00	693.42	693.87	693.80	217.10	0.00	0.00	6.22
268.15	100.00	0.00	0.00	681.50	800.00	688.44	139.85	688.84	74.02	0.00	0.00	5.22
268.15	100.00	0.00	0.00	681.50	1510.00	690.51	244.75	690.99	114.11	0.00	0.00	6.24
268.15	100.00	0.00	0.00	681.50	1950.00	691.42	341.94	691.93	131.97	0.00	0.00	6.67
268.15	100.00	0.00	0.00	681.50	3200.00	693.57	524.67	694.09	174.03	0.00	0.00	7.33
268.65	50.00	0.00	0.00	681.50	800.00	688.67	127.25	689.04	49.82	0.00	0.00	4.91
268.65	50.00	0.00	0.00	681.50	1510.00	690.65	272.63	691.15	78.53	0.00	0.00	5.79
268.65	50.00	0.00	0.00	681.50	1950.00	691.54	343.29	692.10	97.55	0.00	0.00	6.19
268.65	50.00	0.00	0.00	681.50	3200.00	693.64	656.61	694.25	111.27	0.00	0.00	6.72
279.00	1035.00	0.00	0.00	685.80	800.00	692.86	119.42	693.44	58.04	0.00	0.00	6.53
279.00	1035.00	0.00	0.00	685.80	1510.00	694.43	217.50	695.15	74.97	0.00	0.00	7.67
279.00	1035.00	0.00	0.00	685.80	1950.00	695.15	222.60	695.94	80.70	0.00	0.00	8.15
279.00	1035.00	0.00	0.00	685.80	3200.00	696.74	464.87	697.73	95.21	0.00	0.00	9.34
280.00	100.00	0.00	0.00	685.80	800.00	693.43	108.67	693.84	69.41	0.00	0.00	5.51
280.00	100.00	0.00	0.00	685.80	1510.00	695.05	273.16	695.55	79.84	0.00	0.00	6.47
280.00	100.00	0.00	0.00	685.80	1950.00	695.72	347.47	696.34	86.37	0.00	0.00	7.02
280.00	100.00	0.00	0.00	685.80	3200.00	697.41	554.96	698.15	121.65	0.00	0.00	8.22

SECNO	XLCH	ELTFD	ELLC	ELMIN	Q	CWSFL	.01K	EG	TOPWID	STENCL	STENCR	VCH
281.00	100.00	703.50	695.60	685.80	800.00	693.4A	118.56	-694.15	21.76	0.00	0.00	6.55
281.00	100.00	703.50	695.60	685.80	1510.00	695.94	204.02	697.0A	23.00	0.00	0.00	8.49
281.00	100.00	703.50	695.60	685.80	1950.00	697.93	288.35	699.11	23.00	0.00	0.00	8.71
281.00	100.00	703.50	695.60	685.80	3200.00	704.7A	2849.92	704.83	262.75	0.00	0.00	2.37
282.20	113.00	706.00	703.00	686.00	720.00	693.66	170.21	694.52	15.62	0.00	0.00	7.42
282.20	113.00	706.00	703.00	686.00	1340.00	696.07	282.91	697.55	22.63	0.00	0.00	9.77
282.20	113.00	706.00	703.00	686.00	1700.00	697.9A	376.23	699.57	32.70	0.00	0.00	10.13
282.20	113.00	706.00	703.00	686.00	2500.00	704.3A	666.62	705.05	183.93	0.00	0.00	7.82
283.70	150.00	706.80	701.90	687.00	720.00	693.56	113.84	695.11	14.51	0.00	0.00	10.01
283.70	150.00	706.80	701.90	687.00	1340.00	695.81	186.80	698.36	15.11	0.00	0.00	12.81
283.70	150.00	706.80	701.90	687.00	1700.00	697.8A	235.49	700.29	26.14	0.00	0.00	12.61
283.70	150.00	706.80	701.90	687.00	2500.00	705.0A	621.10	705.32	183.19	0.00	0.00	5.29
292.20	858.00	707.70	706.90	692.00	720.00	697.82	90.80	699.9A	14.2A	0.00	0.00	11.76
292.20	858.00	707.70	706.90	692.00	1340.00	700.22	173.67	703.24	15.02	0.00	0.00	13.96
292.20	858.00	707.70	706.90	692.00	1700.00	701.64	238.94	704.9A	15.05	0.00	0.00	14.62
292.20	858.00	707.70	706.90	692.00	2500.00	704.61	346.43	708.79	15.12	0.00	0.00	16.40
292.30	5.00	0.00	0.00	692.30	700.00	700.07	180.67	700.19	92.32	0.00	0.00	3.55
292.30	5.00	0.00	0.00	692.30	1280.00	703.46	634.19	703.54	107.5A	0.00	0.00	2.75
292.30	5.00	0.00	0.00	692.30	1600.00	705.21	968.52	705.29	115.46	0.00	0.00	2.59
292.30	5.00	0.00	0.00	692.30	2300.00	709.14	1980.66	709.20	249.44	0.00	0.00	2.30
297.30	500.00	0.00	0.00	694.50	700.00	700.90	124.66	701.32	54.04	0.00	0.00	5.27
297.30	500.00	0.00	0.00	694.50	1280.00	703.65	340.97	703.95	81.66	0.00	0.00	4.8A
297.30	500.00	0.00	0.00	694.50	1600.00	705.35	575.45	705.54	397.81	0.00	0.00	4.15
297.30	500.00	0.00	0.00	694.50	2300.00	709.24	2824.61	709.25	659.33	0.00	0.00	1.55
300.00	270.00	0.00	0.00	694.50	700.00	701.6A	172.1A	701.94	61.82	0.00	0.00	4.25
300.00	270.00	0.00	0.00	694.50	1280.00	704.00	382.39	704.30	85.53	0.00	0.00	4.49
300.00	270.00	0.00	0.00	694.50	1600.00	705.5A	632.24	705.73	538.40	0.00	0.00	3.84
300.00	270.00	0.00	0.00	694.50	2300.00	709.25	2848.44	709.27	659.84	0.00	0.00	1.54
303.00	300.00	0.00	0.00	696.00	700.00	702.24	116.27	702.70	51.77	0.00	0.00	5.52
303.00	300.00	0.00	0.00	696.00	1280.00	704.37	265.70	704.82	73.81	0.00	0.00	5.7A
303.00	300.00	0.00	0.00	696.00	1600.00	705.71	401.79	706.0A	87.24	0.00	0.00	5.42
303.00	300.00	0.00	0.00	696.00	2300.00	709.27	1695.37	709.31	631.69	0.00	0.00	2.3A
306.00	300.00	0.00	0.00	697.50	700.00	703.42	100.8A	703.9A	44.70	0.00	0.00	6.03
306.00	300.00	0.00	0.00	697.50	1280.00	705.11	203.06	705.79	66.15	0.00	0.00	6.95
306.00	300.00	0.00	0.00	697.50	1600.00	706.1A	294.45	706.79	76.96	0.00	0.00	6.73
306.00	300.00	0.00	0.00	697.50	2300.00	709.2A	879.43	709.40	588.19	0.00	0.00	4.17
* 310.00	400.00	0.00	0.00	700.90	700.00	705.99	55.60	707.60	26.69	0.00	0.00	10.49
* 310.00	400.00	0.00	0.00	700.90	1280.00	708.03	130.69	709.54	61.05	0.00	0.00	10.82
* 310.00	400.00	0.00	0.00	700.90	1600.00	708.67	188.34	710.21	68.45	0.00	0.00	11.25
* 310.00	400.00	0.00	0.00	700.90	2300.00	709.62	237.70	711.3A	79.37	0.00	0.00	12.54
311.00	100.00	0.00	0.00	700.90	700.00	707.62	88.06	708.61	16.00	0.00	0.00	7.97
311.00	100.00	0.00	0.00	700.90	1280.00	705.50	110.16	710.95	16.00	0.00	0.00	12.5A
* 311.00	100.00	0.00	0.00	700.90	1600.00	708.8A	120.12	712.30	16.00	0.00	0.00	14.84
* 311.00	100.00	0.00	0.00	700.90	2300.00	710.75	172.15	715.0A	16.00	0.00	0.00	16.76

SECNO	XLCH	ELTPD	ELLC	ELMTN	Q	CWBEL	AIK	EG	TOPWID	STENCL	STENCR	VCH
317.00	600.00	0.00	0.00	700.90	700.00	707.81	92.57	708.73	16.00	0.00	0.00	7.72
317.00	600.00	0.00	0.00	700.90	1200.00	709.31	132.35	711.25	16.00	0.00	0.00	11.12
317.00	600.00	0.00	0.00	700.90	1600.00	710.35	160.78	712.69	16.00	0.00	0.00	12.18
317.00	600.00	0.00	0.00	700.90	2300.00	712.65	228.89	715.55	16.00	0.00	0.00	13.67
* 319.50	250.00	0.00	0.00	705.30	650.00	710.14	46.77	711.75	20.03	0.00	0.00	10.14
319.50	250.00	0.00	0.00	705.30	1150.00	713.25	122.68	713.67	117.60	0.00	0.00	5.23
319.50	250.00	0.00	0.00	705.30	1350.00	714.11	221.55	714.35	191.82	0.00	0.00	3.93
319.50	250.00	0.00	0.00	705.30	1740.00	716.1A	776.85	716.24	365.22	0.00	0.00	2.20
322.00	250.00	0.00	0.00	707.80	650.00	714.5A	69.08	715.01	59.52	0.00	0.00	5.3A
322.00	250.00	0.00	0.00	707.80	1150.00	715.50	113.93	716.06	99.86	0.00	0.00	5.82
322.00	250.00	0.00	0.00	707.80	1350.00	715.39	106.24	716.22	92.67	0.00	0.00	7.33
322.00	250.00	0.00	0.00	707.80	1740.00	716.13	149.62	716.77	150.47	0.00	0.00	6.42
326.00	400.00	0.00	0.00	711.90	650.00	718.17	64.77	718.84	36.76	0.00	0.00	6.6A
326.00	400.00	0.00	0.00	711.90	1150.00	719.62	113.57	720.15	98.89	0.00	0.00	5.8A
326.00	400.00	0.00	0.00	711.90	1350.00	720.25	152.31	720.63	152.17	0.00	0.00	4.93
326.00	400.00	0.00	0.00	711.90	1740.00	720.51	189.80	720.99	174.5A	0.00	0.00	5.5A
329.00	300.00	0.00	0.00	714.90	650.00	721.03	67.11	721.80	30.10	0.00	0.00	7.03
329.00	300.00	0.00	0.00	714.90	1150.00	722.6A	115.53	723.1A	103.79	0.00	0.00	5.69
329.00	300.00	0.00	0.00	714.90	1350.00	722.94	127.70	723.47	125.54	0.00	0.00	5.84
329.00	300.00	0.00	0.00	714.90	1740.00	723.34	164.69	723.91	159.84	0.00	0.00	6.0A
332.40	340.00	0.00	0.00	718.30	650.00	724.04	68.01	725.00	30.14	0.00	0.00	7.85
332.40	340.00	0.00	0.00	718.30	1150.00	725.37	122.85	726.55	81.0A	0.00	0.00	9.22
332.40	340.00	0.00	0.00	718.30	1350.00	725.7A	147.96	726.91	87.17	0.00	0.00	9.41
* 332.40	340.00	0.00	0.00	718.30	1740.00	726.35	193.02	727.53	96.35	0.00	0.00	9.91
335.00	260.00	0.00	0.00	721.10	650.00	726.57	61.26	727.67	19.80	0.00	0.00	8.41
* 335.00	260.00	0.00	0.00	721.10	1150.00	728.1A	123.36	729.35	41.20	0.00	0.00	9.20
* 335.00	260.00	0.00	0.00	721.10	1350.00	728.52	145.02	729.71	86.50	0.00	0.00	9.5A
* 335.00	260.00	0.00	0.00	721.10	1740.00	728.9A	179.07	730.33	93.69	0.00	0.00	10.49
337.60	260.00	0.00	0.00	724.00	650.00	729.81	55.05	730.93	24.90	0.00	0.00	8.47
* 337.60	260.00	0.00	0.00	724.00	1150.00	730.8A	85.13	732.74	28.40	0.00	0.00	10.93
* 337.60	260.00	0.00	0.00	724.00	1350.00	731.30	99.16	733.35	29.79	0.00	0.00	11.4A
* 337.60	260.00	0.00	0.00	724.00	1740.00	732.15	130.75	734.42	32.5A	0.00	0.00	12.09
342.40	4A0.00	0.00	0.00	724.00	650.00	732.65	151.92	732.91	34.20	0.00	0.00	4.00
342.40	4A0.00	0.00	0.00	724.00	1150.00	734.6A	257.2A	735.05	40.8A	0.00	0.00	4.8A
342.40	4A0.00	0.00	0.00	724.00	1350.00	735.33	297.77	735.74	42.9A	0.00	0.00	5.11
342.40	4A0.00	0.00	0.00	724.00	1740.00	736.41	373.01	736.89	46.50	0.00	0.00	5.57
343.60	120.00	0.00	0.00	724.00	650.00	732.8A	162.2A	733.11	34.9A	0.00	0.00	3.85
343.60	120.00	0.00	0.00	724.00	1150.00	734.94	273.05	735.2A	41.71	0.00	0.00	4.64
343.60	120.00	0.00	0.00	724.00	1350.00	735.60	315.6A	735.97	43.8A	0.00	0.00	4.89
343.60	120.00	0.00	0.00	724.00	1740.00	736.70	396.50	737.14	49.56	0.00	0.00	5.34
344.30	70.00	0.00	0.00	724.00	650.00	733.00	167.83	733.22	35.3A	0.00	0.00	3.74
344.30	70.00	0.00	0.00	724.00	1150.00	735.0A	281.32	735.40	42.14	0.00	0.00	4.50
344.30	70.00	0.00	0.00	724.00	1350.00	735.74	324.96	736.10	44.31	0.00	0.00	4.79
344.30	70.00	0.00	0.00	724.00	1740.00	736.85	408.76	737.27	51.57	0.00	0.00	5.23

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Revised Key to Cross Section Labeling

KEY CANNOT BE FORMULATED DUE
TO LACK OF FINAL FLOODWAY DATA