

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS 8-0	100-YD 0												
SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHOPD	MIN FL OF GROUND	DISCHARGE (CFS)	CMSFL	TC	SG	TOP-ID	STEEL	STENCE	VCH	
	0.	0.	0.	0.	685.00	840.00	695.30	708.68	695.70	470.40	0.	0.	0.74
	0.	0.	0.	0.	686.00	840.00	690.72	42.00	691.73	180.24	162.84	400.90	7.75
A	7.50	750.00	0.	0.	692.00	840.00	696.56	40.26	697.11	201.33	0.	0.	7.97
	7.50	750.00	0.	0.	692.00	840.00	700.29	108.70	700.51	43.20	201.71	245.00	4.28
B	22.70	1520.00	0.	0.	701.40	840.00	709.19	107.89	709.27	188.39	0.	0.	3.20
	22.70	1520.00	0.	0.	701.40	840.00	709.31	109.72	709.50	76.17	188.02	254.19	4.37
	29.00	650.00	0.	0.	705.50	840.00	712.32	91.48	712.51	171.76	0.	0.	4.71
	29.00	650.00	0.	0.	705.50	840.00	713.47	98.65	713.76	48.52	206.50	255.32	5.01
C	35.00	600.00	0.	0.	710.00	840.00	716.20	118.32	716.36	144.38	0.	0.	3.40
	35.00	600.00	0.	0.	710.00	840.00	717.19	115.68	717.45	40.00	350.00	390.00	4.04
	36.00	100.00	0.	0.	711.00	840.00	716.76	70.05	717.25	40.00	0.	0.	5.58
	36.00	100.00	0.	0.	711.00	840.00	717.75	100.35	718.06	40.00	350.00	390.00	4.42
	37.00	100.00	0.	0.	712.20	840.00	718.12	75.60	718.57	40.00	0.	0.	5.25
	37.00	100.00	0.	0.	712.20	840.00	719.12	106.01	719.40	40.00	350.00	390.00	4.27
D	37.50	50.00	0.	0.	712.20	840.00	718.71	242.47	718.75	180.31	0.	0.	2.08
	37.50	50.00	0.	0.	712.20	840.00	719.04	231.44	719.55	77.10	417.93	404.13	2.35
	45.80	830.00	0.	0.	720.10	840.00	724.57	33.24	724.13	27.27	0.	0.	10.03
	45.80	830.00	0.	0.	720.10	840.00	724.57	33.24	726.13	27.27	177.00	211.00	10.03
E	52.20	640.00	0.	0.	724.70	1110.00	734.92	130.93	735.26	53.11	0.	0.	4.90
	52.20	640.00	0.	0.	724.70	1110.00	734.94	130.77	735.70	47.55	166.00	214.00	4.74
	52.60	40.00	0.	0.	724.70	1110.00	735.23	104.64	735.55	56.85	0.	0.	4.56
	52.60	40.00	0.	0.	724.70	1110.00	735.25	103.66	735.56	47.95	166.00	214.00	4.84
	53.60	100.00	0.	0.	724.70	1110.00	745.44	1522.45	745.05	284.71	0.	0.	0.25
	53.60	100.00	0.	0.	724.70	1110.00	745.47	1380.64	745.08	184.45	121.47	310.42	0.94
F	54.20	40.00	0.	0.	728.70	1110.00	745.45	1317.47	745.06	275.47	0.	0.	0.26
	54.20	40.00	0.	0.	728.70	1110.00	745.47	1168.80	745.06	144.70	103.43	320.33	1.00
G	59.00	480.00	0.	0.	738.40	1110.00	745.37	55.05	748.00	44.66	0.	0.	10.64
	59.00	480.00	0.	0.	738.40	1110.00	745.95	45.22	748.45	17.50	91.00	109.00	12.69

SECTION NUMBER	DISCHARGE CFS	CMSFL	CMSFL DIFF EACH Q	CMSFL DIFF EACH SECTION	CMSFL-BASELINE	TURPID	T. DIFF	LENGTH
0.	840.000	695.300	0.	0.	0.	474.400	0.	0.
0.	840.000	690.720	-4.580	0.	0.	180.250	254.144	0.
A	7.500	840.000	696.580	0.	1.220	0.	201.330	750.000
	7.500	840.000	700.295	3.705	9.565	0.	43.280	158.004
B	22.700	840.000	709.192	0.	12.612	0.	188.389	1520.000
	22.700	840.000	709.309	0.117	9.023	0.	76.171	112.210
	29.000	840.000	712.316	0.	3.124	0.	171.759	650.000
	29.000	840.000	713.464	1.153	4.160	0.	48.517	123.202

35.000	840.000	716.204	0.	3.888	0.	144.375	0.	600.000
35.000	840.000	717.192	0.988	3.723	0.	40.001	104.374	600.000
36.000	840.000	716.764	0.	0.560	0.	40.000	0.	100.000
36.000	840.000	717.762	0.998	0.570	0.	40.000	0.	100.000
37.000	840.000	716.125	0.	1.360	0.	40.000	0.	100.000
37.000	840.000	719.122	0.998	1.360	0.	40.000	0.	100.000
37.500	840.000	718.709	0.	0.595	0.	190.310	0.	50.000
37.500	840.000	719.485	0.776	0.362	0.	77.096	103.212	50.000
45.800	840.000	724.568	0.	5.859	0.	27.272	0.	830.000
45.800	840.000	724.568	-0.000	5.084	0.	27.272	0.000	830.000
52.200	1110.000	734.974	0.	10.356	0.	53.108	0.	640.000
52.200	1110.000	734.944	0.019	10.375	0.	47.546	5.560	640.000
52.600	1110.000	735.232	0.	0.308	0.	56.849	0.	40.000
52.600	1110.000	735.252	0.020	0.308	0.	47.950	8.899	40.000
53.600	1110.000	745.451	0.	10.219	0.	284.714	0.	100.000
53.600	1110.000	745.471	0.020	10.219	0.	188.953	95.761	100.000
54.200	1110.000	745.452	0.	0.001	0.	275.472	0.	40.000
54.200	1110.000	745.472	0.020	0.001	0.	164.698	110.774	40.000
59.000	1110.000	746.370	0.	0.918	0.	44.841	0.	480.000
59.000	1110.000	745.909	-0.421	0.477	0.	17.680	27.170	480.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.	0.	22.599	0.
2	4.000	0.174	8.626	-13.773

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

B-5 Floodway

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 FIRM B-5 100-YR Q

J1	ICHECK	ING	INIV	IDIP	STAT	PEFIPC	AVINS	R	USEI	FD	
	0.	4.	0.	0.	0.	0.	0.	0.	702,500	0.	
J2	NPROF	IPL01	PFVS	XSECV	XSECH	FN	ALLOD	TR	CHAI	ITACF	
	1,000	0.	0.	0.	0.	0.	0.	0.	0.	0.	
J3	1,000	34,000	3,000	4,000	27,000	28,000	28,000	28,000	0.	0.	0.
NC	0,000	0,000	0,000	0,100	0,300	0.	0.	0.	0.	0.	0.
UT	5,000	400,000	710,000	200,000	480,000	1080,000	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	10,400	0.	0.	0.	0.	0.	0.
X1	4,300	13,000	241,000	259,000	0.	0.	0.	0.	0.	0.	0.
GR	715,000	0.	711,100	100,000	709,100	150,000	707,400	200,000	704,600	241,000	
GR	700,900	243,000	700,300	250,000	700,100	257,000	705,900	259,000	707,300	300,000	
GR	708,100	328,000	708,500	400,000	710,000	600,000	0.	0.	0.	0.	
X1	4,730	0.	0.	0.	43,000	43,000	43,000	0.	0.	0.	
X3	10,000	0.	0.	0.	0.	0.	0.	704,900	704,900	0.	
NC	0,020	0,014	0,020	0.	0.	0.	0.	0.	0.	0.	
X1	4,750	17,000	245,000	255,000	2,000	2,000	2,000	0.	0.	0.	
BT	13,000	0.	715,000	0.	100,000	709,400	0.	150,000	706,100	0.	
BT	240,000	707,300	0.	245,000	707,300	702,400	245,000	707,300	704,900	250,000	
BT	707,300	704,900	255,000	707,300	704,900	255,000	707,300	702,400	260,000	707,200	
BT	0.	300,000	706,800	0.	350,000	707,000	0.	600,000	710,000	0.	
GR	715,000	0.	711,100	100,000	709,100	150,000	707,400	200,000	704,600	240,000	
GR	700,900	243,000	702,400	245,000	699,900	245,000	699,900	250,000	699,900	255,000	
GR	702,400	255,000	700,100	257,000	705,900	250,000	707,300	300,000	708,100	350,000	
GR	708,500	400,000	710,000	600,000	0.	0.	0.	0.	0.	0.	
X1	5,050	0.	0.	0.	30,000	30,000	30,000	0.	0.	0.	
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.	
NC	0,040	0,060	0,040	0.	0.	0.	0.	0.	0.	0.	
X1	5,070	14,000	245,000	250,000	2,000	2,000	2,000	0.	0.	0.	
X3	10,000	0.	0.	0.	0.	0.	0.	707,300	707,300	0.	
GR	710,400	0.	715,000	40,000	709,900	100,000	707,600	150,000	706,100	148,000	
GR	706,000	200,000	702,900	245,000	699,300	247,000	699,600	250,000	699,200	253,000	
GR	703,000	256,000	704,100	300,000	705,100	350,000	710,000	600,000	0.	0.	
X1	5,500	14,000	245,000	256,000	43,000	43,000	43,000	0.	0.	0.	
GR	718,400	0.	715,000	40,000	709,900	100,000	707,600	150,000	706,100	148,000	
GR	706,000	200,000	702,900	245,000	699,300	247,000	699,600	250,000	699,200	253,000	
GR	703,000	256,000	704,100	300,000	705,100	350,000	710,000	600,000	0.	0.	
X1	10,000	15,000	194,000	206,000	450,000	450,000	450,000	0.	0.	0.	
GR	716,200	0.	715,000	60,000	709,900	100,000	706,600	120,000	705,700	150,000	
GR	-703,400	194,000	697,000	197,000	699,100	200,000	699,400	203,000	703,600	206,000	

GR.	704,400	250,000	704,700	300,000	705,000	312,000	713,800	350,000	720,000	400,000
X1	13,400	14,000	103,000	209,000	340,000	340,000	340,000	0.	0.	0.
GR	725,000	0.	720,000	40,000	714,800	100,000	709,500	150,000	708,800	193,000
GR	702,600	195,000	702,200	200,000	701,600	205,000	706,200	209,000	708,600	250,000
GR	708,600	300,000	713,100	350,000	720,000	400,000	725,000	480,000	0.	0.
X1	13,900	0.	0.	0.	54,000	54,000	54,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	707,000	707,000	0.
NC	0,020	0,015	0,020	0.	0.	0.	0.	0.	0.	0.
X1	13,960	18,000	103,000	209,000	2,000	2,000	2,000	0.	0.	0.
BT	11,000	0.	725,000	0.	100,000	715,000	0.	190,000	711,200	0.
BT	196,500	710,700	703,500	197,500	710,700	706,000	200,000	710,700	707,000	202,500
BT	710,700	706,000	203,500	710,700	703,500	210,000	710,800	0.	250,000	710,700
BT	0.	500,000	714,200	0.	0.	0.	0.	0.	0.	0.
GR	725,000	0.	720,000	40,000	714,800	100,000	709,500	150,000	708,800	193,000
GR	702,600	195,000	703,500	196,500	701,000	197,500	700,000	200,000	701,000	202,500
GR	703,500	203,500	701,600	205,000	706,200	210,000	708,500	250,000	708,600	300,000
GR	713,100	350,000	720,000	400,000	725,000	480,000	0.	0.	0.	0.
X1	14,400	0.	0.	0.	48,000	48,000	48,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.
NC	0,050	0,000	0,050	0.	0.	0.	0.	0.	0.	0.
X1	14,460	15,000	232,000	262,000	2,000	2,000	2,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	710,700	710,700	0.
GR	722,500	0.	720,100	100,000	711,400	150,000	710,200	200,000	709,500	206,000
GR	707,000	214,000	712,500	232,000	703,800	206,000	703,700	250,000	703,800	254,000
GR	712,900	262,000	712,700	272,000	713,400	300,000	716,200	350,000	720,000	500,000
X1	15,500	15,000	232,000	262,000	104,000	104,000	104,000	0.	0.	0.
GR	722,500	0.	720,100	100,000	711,400	150,000	710,200	200,000	709,500	206,000
GR	707,000	214,000	712,500	232,000	703,800	206,000	703,700	250,000	703,800	254,000
GR	712,900	262,000	712,700	272,000	713,400	300,000	716,200	350,000	720,000	500,000
X1	22,000	20,000	182,000	212,000	650,000	650,000	650,000	0.	0.	0.
GR	735,000	0.	730,000	40,000	725,000	80,000	722,900	100,000	716,800	150,000
GR	715,200	160,000	711,800	163,000	711,200	164,000	712,300	173,000	716,800	177,000
GR	716,300	182,000	707,400	195,000	707,100	200,000	707,800	205,000	716,500	212,000
GR	718,400	225,000	719,700	250,000	725,000	310,000	730,000	270,000	735,000	450,000
X1	28,200	13,000	90,000	105,000	620,000	620,000	620,000	0.	0.	0.
GR	734,800	0.	722,300	50,000	720,000	90,000	716,800	95,000	709,100	100,000
GR	709,100	105,000	719,400	108,000	724,200	125,000	724,200	134,000	724,000	150,000
GR	725,800	200,000	730,000	270,000	735,000	120,000	0.	0.	0.	0.
X1	28,250	0.	0.	0.	0,000	0,000	0,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	716,100	716,100	0.
NC	0,020	0,015	0,020	0.	0.	0.	0.	0.	0.	0.
X1	28,300	17,000	96,500	103,500	2,000	2,000	2,000	0.	0.	0.
BT	11,000	0.	733,800	0.	50,000	727,700	0.	90,000	725,100	0.
BT	96,500	724,500	712,700	97,500	720,500	715,000	100,000	724,500	716,100	102,500
BT	724,500	715,000	103,500	724,500	712,700	110,000	724,500	0.	200,000	725,600
BT	0.	330,000	735,000	0.	0.	0.	0.	0.	0.	0.
GR	734,800	0.	722,300	50,000	720,000	90,000	716,800	95,000	712,700	96,500
GR	710,200	97,500	709,300	100,000	710,200	102,500	712,700	103,500	704,100	105,000
GR	718,400	110,000	724,200	125,000	724,200	134,000	724,000	150,000	725,800	200,000
GR	730,000	270,000	735,000	330,000	0.	0.	0.	0.	0.	0.
X1	29,300	0.	0.	0.	100,000	100,000	100,000	0.	2,000	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.
NC	0,070	0,070	0,060	0,100	0,300	0.	0.	0.	0.	0.
X1	29,320	11,000	89,000	110,000	2,000	2,000	2,000	0.	0.	0.

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIP 8-5 FLOODWAY

SECTION CHANNEL MIN EL OF MAX EL OF MIN EL DISCHARGE CWSFL TD FG TOP-10 STENCL STENCP VCR
 NUMBER LENGTH ROADWAY LOW CHORD GROUND (CFS)

A	4.30	0.	0.	0.	700.10	840.00	705.10	40.13	707.00	24.99	0.	0.	11.21
	4.30	0.	0.	0.	700.10	840.00	704.97	37.81	707.05	17.68	241.00	259.00	11.58
	4.73	43.00	0.	0.	700.10	840.00	707.35	95.89	707.84	100.95	0.	0.	6.11
	4.73	43.00	0.	0.	700.10	840.00	707.31	74.13	708.15	18.00	241.00	259.00	7.34
	4.75	2.00	706.80	704.90	699.90	840.00	708.17	132.33	708.66	181.15	0.	0.	6.46
	4.75	2.00	706.80	704.90	699.90	840.00	704.90	74.80	709.28	14.48	245.00	274.56	16.80
	5.05	30.00	706.80	704.90	699.90	840.00	708.56	221.40	708.76	240.95	0.	0.	4.15
	5.05	30.00	706.80	704.90	699.90	840.00	709.18	184.65	709.79	45.50	245.00	290.30	4.71
	5.07	2.00	0.	0.	699.00	840.00	708.77	689.22	708.78	412.84	0.	0.	1.00
	5.07	2.00	0.	0.	699.00	840.00	709.84	827.24	709.85	197.02	219.63	416.65	0.94
B	5.50	43.00	0.	0.	699.00	840.00	708.78	691.15	708.79	413.30	0.	0.	1.00
	5.50	43.00	0.	0.	699.00	840.00	709.84	829.57	709.85	197.51	219.57	417.07	0.94
C	10.00	450.00	0.	0.	699.00	840.00	708.85	586.70	708.87	222.21	0.	0.	1.20
	10.00	450.00	0.	0.	699.00	840.00	709.90	618.47	709.91	124.99	161.15	286.14	1.25
D	13.40	340.00	0.	0.	701.60	840.00	708.54	67.14	709.32	55.81	0.	0.	7.72
	13.40	340.00	0.	0.	701.60	840.00	709.38	67.19	710.00	16.00	193.00	209.00	8.27
	13.94	50.00	0.	0.	701.60	840.00	709.57	123.29	709.80	141.50	0.	0.	11.68
	13.94	54.00	0.	0.	701.60	840.00	710.61	131.92	710.90	35.14	193.00	228.10	4.58
	13.96	2.00	710.70	707.00	700.00	840.00	711.67	134.21	712.24	204.57	0.	0.	0.
	13.96	2.00	710.70	707.00	700.00	840.00	712.74	112.40	714.76	19.48	193.00	212.49	0.
	14.44	48.00	710.70	707.00	700.00	840.00	712.12	224.49	712.38	213.68	0.	0.	0.
	14.44	48.00	710.70	707.00	700.00	840.00	714.53	313.40	714.99	31.82	193.00	224.82	0.
	14.46	2.00	0.	0.	703.70	840.00	712.29	182.98	712.80	115.68	0.	0.	3.04
	14.46	2.00	0.	0.	703.70	840.00	714.23	288.97	715.63	48.86	213.14	262.60	2.86
E	15.50	104.00	0.	0.	703.70	840.00	712.50	200.62	712.60	118.00	0.	0.	2.85
	15.50	104.00	0.	0.	703.70	840.00	715.03	296.13	715.11	50.27	211.73	262.60	2.37
F	22.00	650.00	0.	0.	707.10	840.00	714.41	99.65	714.89	38.74	0.	0.	5.83
	22.00	650.00	0.	0.	707.10	840.00	715.90	109.34	716.33	27.72	162.00	212.60	5.26
	28.20	620.00	0.	0.	709.10	840.00	719.30	95.60	720.08	15.81	0.	0.	7.89
	28.20	620.00	0.	0.	709.10	840.00	719.55	100.70	720.39	14.82	90.00	105.00	6.84
	28.26	8.00	0.	0.	709.10	840.00	719.34	96.67	720.14	15.65	0.	0.	7.04
	28.26	8.00	0.	0.	709.10	840.00	719.73	101.85	720.04	14.66	90.00	105.00	6.75
G	28.30	2.00	724.50	718.10	709.10	840.00	716.10	44.77	725.49	16.28	0.	0.	24.85
	28.30	2.00	724.50	718.10	709.10	840.00	716.10	44.77	725.49	16.28	0.	0.	24.85
	29.30	100.00	724.50	718.50	711.50	840.00	726.85	134.98	727.16	121.17	0.	0.	7.43
	29.30	100.00	724.50	718.50	711.50	840.00	726.35	73.55	728.05	22.09	95.50	118.59	10.11

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHORD	MIN FL OF GROUND	DISCHARGE (CFS)	C/SFL	TOTAL	EG	TOPATO	STEMCL	STEMCP	VCH
28.32	2.00	0.	0.	711.70	840.00	727.49	500.00	727.52	153.73	0.	0.	1.47
29.32	2.00	0.	0.	711.70	840.00	728.63	630.97	728.60	74.26	69.03	143.29	1.55
H 29.50	15.00	0.	0.	711.70	840.00	727.50	500.91	727.52	153.77	0.	0.	1.47
29.50	15.00	0.	0.	711.70	840.00	728.64	637.33	728.67	74.27	69.02	143.29	1.55
I 33.00	350.00	0.	0.	728.50	840.00	733.16	41.41	734.25	37.24	0.	0.	4.02
33.00	350.00	0.	0.	728.50	840.00	733.08	40.85	734.25	37.29	223.00	300.00	9.05
J 40.00	700.00	0.	0.	732.50	840.00	741.25	124.50	741.41	88.30	0.	0.	5.00
40.00	700.00	0.	0.	732.50	840.00	741.59	119.50	742.12	24.00	234.00	282.00	5.25

SECTION NUMBER	DISCHARGE CFS	C/SFL	C/SFL DIFF EACH 0	C/SFL DIFF EACH SECTION	C/SFL-ASSET	TOPATO	T.P. DIFF	LENGTH
A 4.300	840.000	705.006	0.	0.	0.	20.988	0.	0.
4.300	840.000	704.972	-0.124	0.	0.	17.590	7.398	0.
4.730	840.000	707.340	0.	2.252	0.	100.909	0.	43.000
4.730	840.000	707.311	-0.027	2.339	0.	16.001	82.908	43.000
4.750	840.000	708.148	0.	0.820	0.	181.163	0.	2.000
4.750	840.000	704.900	-3.248	-2.411	0.	14.483	160.679	2.000
5.050	840.000	708.555	0.	0.387	0.	240.900	0.	30.000
5.050	840.000	709.183	0.627	4.293	0.	45.267	125.604	30.000
5.070	840.000	708.772	0.	0.217	0.	412.801	0.	2.000
5.070	840.000	709.837	1.064	0.654	0.	197.010	215.825	2.000
B 5.500	840.000	708.779	0.	0.066	0.	413.302	0.	43.000
5.500	840.000	709.801	1.022	0.604	0.	197.500	215.797	43.000
C 10.000	840.000	708.552	0.	0.074	0.	222.212	0.	650.000
10.000	840.000	709.605	1.053	0.455	0.	124.989	97.223	450.000
D 13.400	840.000	708.537	0.	-0.315	0.	55.015	0.	340.000
13.400	840.000	709.375	0.838	-0.520	0.	15.001	39.814	340.000
13.940	840.000	709.565	0.	1.028	0.	161.302	0.	50.000
13.940	840.000	710.605	1.040	1.230	0.	35.102	120.161	50.000
13.960	840.000	711.664	0.	2.104	0.	204.548	0.	2.000
13.960	840.000	712.730	1.067	2.131	0.	19.488	135.084	2.000
14.440	840.000	712.118	0.	0.200	0.	213.685	0.	40.000
14.440	840.000	714.529	2.410	1.702	0.	31.015	181.864	40.000
14.460	840.000	712.287	0.	0.160	0.	115.684	0.	2.000
14.460	840.000	714.934	2.647	0.605	0.	88.842	40.821	2.000
E 15.500	840.000	712.505	0.	0.218	0.	110.002	0.	104.000
15.500	840.000	715.020	2.513	0.094	0.	50.273	67.729	104.000
F 22.000	840.000	714.408	0.	1.900	0.	38.730	0.	650.000
22.000	840.000	715.902	1.494	0.875	0.	27.720	11.013	650.000
28.200	840.000	719.305	0.	4.696	0.	15.013	0.	620.000
28.200	840.000	719.660	0.355	3.757	0.	14.019	0.794	620.000
28.280	840.000	719.380	0.	0.075	0.	15.055	0.	8.000

	28.280	840.000	719.728	0.308	0.068	0.	14.857	0.798	8.000
G	28.300	840.000	716.100	0.	-3.280	0.	16.278	0.	2.000
	28.300	840.000	716.100	0.	-3.678	0.	16.278	0.	2.000
	29.300	840.000	726.853	0.	10.753	0.	121.174	0.	100.000
	29.300	840.000	726.350	-0.409	10.254	0.	22.092	69.082	100.000
	29.320	840.000	727.494	0.	0.041	0.	153.729	0.	2.000
	29.320	840.000	728.633	1.139	2.279	0.	74.261	79.456	2.000
H	29.500	840.000	727.498	0.	0.004	0.	153.772	0.	18.000
	29.500	840.000	728.636	1.139	0.003	0.	74.272	79.500	18.000
I	33.000	840.000	733.101	0.	5.603	0.	37.444	0.	350.000
	33.000	840.000	733.077	-0.024	4.441	0.	37.204	0.150	350.000
J	40.000	840.000	741.251	0.	8.150	0.	88.303	0.	700.000
	40.000	840.000	741.688	0.437	8.611	0.	24.001	64.302	700.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.		0.	9.230	0.
2	4.000		0.275	4.502	-4.688

Rise

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 B-B 100 YP D

J1 TCHECK INQ NINV IDIR STRT METRIC HVINS Q WSFL EQ
-0. 4. -0. -0. -0.000000 -0.00 -0.0 -0. 733.800 -0.000

J2 NPROF TPLOT PREVS XSECV XSFCM FN ALLDC IRW CHNIM TTPACE
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 28.000 27.000 25.000 -0.000 -0.000 -0.000
VQ .100 .100 .075 .100 .300 -0.000 -0.000 -0.000 -0.000
Q1 5.000 145.000 250.000 300.000 300.000 400.000 -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

X1 2.500 13.000 90.000 105.000 -0.000 -0.000 -0.000 -0.000 -0.000
GR 753.800 0.000 752.900 27.000 747.400 50.000 745.200 61.000 743.000
GR 739.600 98.000 739.400 100.000 739.600 102.000 742.600 105.000 744.100
GR 750.100 150.000 752.600 200.000 754.400 250.000 -0.000 -0.000 -0.000

X1 3.300 -0.000 -0.000 -0.000 80.000 80.000 80.000 -0.000 2.200
Y3 10.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 741.700 741.700
SB 0.000 1.500 2.500 150.000 4.000 0.000 12.400 0.000 735.000

X1 3.900 -0.000 -0.000 -0.000 60.000 60.000 60.000 -0.000 1.600
X2 -0.000 -0.000 1.000 739.000 741.700 -0.000 -0.000 -0.000
Y3 10.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 741.700 741.700

X1 5.000 -0.000 -0.000 -0.000 110.000 110.000 110.000 -0.000 3.000

X1 7.000 -0.000 -0.000 -0.000 200.000 200.000 200.000 -0.000 4.000
Y3 10.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 751.600 751.600
SB 0.000 1.500 2.500 200.000 4.000 0.000 12.600 -0.000 744.800

X1 9.000 13.000 94.000 104.000 200.000 200.000 200.000 -0.000 -8.400
X2 -0.000 -0.000 1.000 748.900 751.600 -0.000 -0.000 -0.000
Y3 10.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 751.600 751.600
GR 768.900 0.000 759.400 50.000 756.100 63.000 755.000 94.000 753.300
GR 753.200 100.000 753.500 102.000 755.200 104.000 755.600 111.000 765.800
GR 768.700 160.000 768.800 178.000 774.900 200.000 -0.000 -0.000 -0.000

X1 10.000 -0.000 -0.000 -0.000 100.000 100.000 100.000 -0.000 2.100

X1 12.000 -0.000 -0.000 -0.000 200.000 200.000 200.000 -0.000 4.200

X1 13.000 -0.000 -0.000 -0.000 100.000 100.000 100.000 -0.000 2.100
FJ -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000

1020. C
 1040. C
 13.00 1060. C

I LR. W E
 I LR WE
 T L WE

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB B-6 100 YR FLOOD

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TW	EG	TOPWID	STENCR	STENCL	VCH
2.50	-0.00	0.00	0.00	732.70	300.00	737.04	10.48	737.90	41.71	0.00	0.00	7.72
2.50	-0.00	0.00	0.00	732.70	300.00	736.74	10.66	738.14	11.00	105.00	94.00	9.57
3.30	80.00	0.00	0.00	734.90	300.00	739.98	17.74	740.75	11.00	0.00	0.00	7.02
3.30	80.00	0.00	0.00	734.90	300.00	740.55	20.95	741.17	11.00	105.00	94.00	6.10
3.90	60.00	0.00	0.00	736.50	300.00	742.15	36.91	742.31	69.98	0.00	0.00	3.81
3.90	60.00	0.00	0.00	736.50	300.00	742.72	30.08	743.01	17.08	111.00	94.00	4.40
5.00	110.00	0.00	0.00	739.50	300.00	743.89	10.86	744.70	42.84	0.00	0.00	7.58
5.00	110.00	0.00	0.00	739.50	300.00	744.20	10.89	745.15	11.00	105.00	94.00	7.68
7.00	200.00	0.00	0.00	743.50	300.00	749.31	22.59	749.86	11.00	0.00	0.00	5.90
7.00	200.00	0.00	0.00	743.50	300.00	749.55	23.68	750.04	11.00	105.00	94.00	5.62
9.00	200.00	0.00	0.00	744.80	300.00	752.06	141.70	752.02	85.25	0.00	0.00	1.35
9.00	200.00	0.00	0.00	744.80	300.00	752.29	115.82	752.32	42.19	108.33	66.14	1.60
10.00	100.00	0.00	0.00	746.90	300.00	752.12	58.23	752.18	67.97	0.00	0.00	2.58
10.00	100.00	0.00	0.00	746.90	300.00	752.38	41.40	752.40	30.89	104.00	73.11	3.00
12.00	200.00	0.00	0.00	751.10	300.00	754.48	10.74	754.90	53.44	0.00	0.00	7.27
12.00	200.00	0.00	0.00	751.10	300.00	754.95	10.55	756.38	10.91	104.00	93.08	9.97
13.00	100.00	0.00	0.00	753.20	300.00	757.13	24.67	757.34	57.92	0.00	0.00	4.90
13.00	100.00	0.00	0.00	753.20	300.00	758.59	28.68	758.80	10.06	104.00	84.94	4.35

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH W	CWSEL DIFF EACH SECTION	CWSEL-WSFLX	TOPWID	T.W. DIFF	LENGTH
2.500	300.000	737.059	0.000	0.000	0.000	41.713	0.000	-0.000
2.500	300.000	736.741	-0.318	0.000	0.000	11.001	30.712	-0.000
3.300	300.000	739.981	0.000	2.922	0.000	11.000	0.000	80.000
3.300	300.000	740.551	0.570	3.810	0.000	11.000	0.000	80.000
3.900	300.000	742.152	0.000	2.171	0.000	69.983	0.000	60.000
3.900	300.000	742.722	0.570	2.171	0.000	17.078	52.905	60.000
5.000	300.000	743.895	0.000	1.743	0.000	42.834	0.000	110.000
5.000	300.000	744.238	0.343	1.514	0.000	11.001	31.835	110.000
7.000	300.000	749.315	0.000	5.420	0.000	11.000	0.000	200.000
7.000	300.000	749.547	0.232	5.309	0.000	11.000	0.000	200.000
9.000	300.000	752.062	0.000	2.747	0.000	85.247	0.000	200.000
9.000	300.000	752.294	0.232	2.747	0.000	42.186	43.061	200.000
10.000	300.000	752.124	0.000	0.062	0.000	67.972	0.000	100.000
10.000	300.000	752.382	0.258	0.088	0.000	30.890	37.082	100.000
12.000	300.000	754.481	0.000	2.357	0.000	53.644	0.000	200.000
12.000	300.000	754.948	0.467	2.566	0.000	10.914	42.729	200.000

13,000 300,000 757.131 0.000 2.650 0.000 57.919 0.000 100,000
13,000 300,000 758.589 1.458 3.641 0.000 19.062 38.857 100,000

DATA FOR LAST CROSS SECTION

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

1 0.000 0.000 1.174 0.000
2 4.000 .500 .462 -.712

 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
 5-24-76 BY
 S.P. FLETCHER

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIB B-B 10 YR Q

J1	ICHECK	IND	NINV	IDIR	SIRT	METRIC	HVINS.	Q	#SEL	FG
	-0.	2.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	733.800	-0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALL0C	IRW	CHNIM	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	4.000	26.000	27.000	26.000	-0.000	-0.000	-0.000
NC	.100	.100	.075	.100	.300	-0.000	-0.000	-0.000	-0.000	-0.000
QT	5.000	145.000	250.000	300.000	300.000	400.000	-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	2.500	13.000	94.000	105.000	-0.000	-0.000	-0.000	-0.000	-0.000	-6.700
GR	753.800	0.000	752.900	27.000	747.400	50.000	745.200	61.000	743.000	94.000
GR	739.600	96.000	739.400	100.000	739.600	102.000	742.600	105.000	744.100	130.000
GR	750.100	150.000	752.600	200.000	754.400	250.000	-0.000	-0.000	-0.000	-0.000
X1	3.300	-0.000	-0.000	-0.000	80.000	80.000	60.000	-0.000	2.200	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	741.700	741.700	-0.000
SB	0.000	1.500	2.500	150.000	4.000	0.000	12.400	0.000	735.000	733.800
X1	3.900	-0.000	-0.000	-0.000	60.000	60.000	60.000	-0.000	1.600	-0.000
X2	-0.000	-0.000	1.000	739.000	741.700	-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	741.700	741.700	-0.000
X1	5.000	-0.000	-0.000	-0.000	110.000	110.000	110.000	-0.000	3.000	-0.000
X1	7.000	-0.000	-0.000	-0.000	200.000	200.000	200.000	-0.000	4.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	751.600	751.600	-0.000
SB	0.000	1.500	2.500	200.000	4.000	0.000	12.600	-0.000	744.800	738.100
X1	9.000	13.000	96.000	104.000	200.000	200.000	200.000	-0.000	-8.400	-0.000
X2	-0.000	-0.000	1.000	748.900	751.600	-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	751.600	751.600	-0.000
GR	768.900	0.000	754.400	50.000	756.100	63.000	755.000	96.000	753.300	98.000
GR	753.200	100.000	753.500	102.000	755.200	104.000	755.600	111.000	765.800	150.000
GR	764.700	160.000	768.800	178.000	774.900	200.000	-0.000	-0.000	-0.000	-0.000
X1	10.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	2.100	-0.000
X1	12.000	-0.000	-0.000	-0.000	200.000	200.000	200.000	-0.000	4.200	-0.000
X1	13.000	-0.000	-0.000	-0.000	100.000	100.000	100.000	-0.000	2.100	-0.000
FJ	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

42226

1020. C
1040. C
13.00 1060. C

I LR WE
I LR WE
I L WE

M
M

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 B-B 500 YR 0

J1	ICHECK	INR	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	736.400	-0.000
J2	NPROF	IPLT	PRFVS	YSECV	XSECH	FN	ALLOC	IRW	CHNIM	ITRACE
	15.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

42233

757.7

1300 Long

732.7

25.0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB B-B 500 YR 0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LGW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	DEPTH	STENCR	STENCL	VCH
2.50	-0.00	0.00	0.00	732.70	145.00	735.53	735.53	736.49	2.83	0.00	0.00	7.87
2.50	-0.00	0.00	0.00	732.70	250.00	736.70	736.70	737.50	4.80	0.00	0.00	7.75
2.50	-0.00	0.00	0.00	732.70	300.00	737.09	737.09	737.90	4.39	0.00	0.00	7.58
2.50	-0.00	0.00	0.00	732.70	400.00	737.61	737.61	738.32	4.91	0.00	0.00	7.57
3.30	80.00	0.00	0.00	734.90	145.00	738.95	0.00	739.28	4.05	0.00	0.00	4.61
3.30	80.00	0.00	0.00	734.90	250.00	739.77	0.00	740.36	4.87	0.00	0.00	6.18
3.30	80.00	0.00	0.00	734.90	300.00	739.94	0.00	740.72	5.04	0.00	0.00	7.09
3.30	80.00	0.00	0.00	734.90	400.00	740.28	0.00	741.46	5.38	0.00	0.00	8.69
3.90	60.00	741.70	739.00	736.50	145.00	741.72	0.00	741.78	5.22	0.00	0.00	2.30
3.90	60.00	741.70	739.00	736.50	250.00	742.06	0.00	742.18	5.56	0.00	0.00	3.33
3.90	60.00	741.70	739.00	736.50	300.00	742.15	0.00	742.30	5.65	0.00	0.00	3.81
3.90	60.00	741.70	739.00	736.50	400.00	742.29	0.00	742.52	5.79	0.00	0.00	4.74
5.00	110.00	0.00	0.00	739.50	145.00	742.33	742.33	743.20	2.83	0.00	0.00	7.87
5.00	110.00	0.00	0.00	739.50	250.00	743.50	743.50	744.30	4.80	0.00	0.00	7.75
5.00	110.00	0.00	0.00	739.50	300.00	743.89	743.89	744.70	4.39	0.00	0.00	7.58
5.00	110.00	0.00	0.00	739.50	400.00	744.45	744.45	745.14	4.95	0.00	0.00	7.41
7.00	200.00	0.00	0.00	743.50	145.00	748.01	0.00	748.26	4.51	0.00	0.00	3.97
7.00	200.00	0.00	0.00	743.50	250.00	749.02	0.00	749.45	5.52	0.00	0.00	5.20
7.00	200.00	0.00	0.00	743.50	300.00	749.32	0.00	749.86	5.82	0.00	0.00	5.90
7.00	200.00	0.00	0.00	743.50	400.00	749.78	0.00	750.57	6.28	0.00	0.00	7.14
9.00	200.00	751.60	748.90	744.80	145.00	750.93	0.00	751.10	4.13	0.00	0.00	3.24
9.00	200.00	751.60	748.90	744.80	250.00	751.95	0.00	751.94	7.15	0.00	0.00	1.16
9.00	200.00	751.60	748.90	744.80	300.00	752.06	0.00	752.08	7.26	0.00	0.00	1.35
9.00	200.00	751.60	748.90	744.80	400.00	752.20	0.00	752.26	7.44	0.00	0.00	1.72
10.00	100.00	0.00	0.00	746.90	145.00	751.35	0.00	751.38	4.45	0.00	0.00	1.77
10.00	100.00	0.00	0.00	746.90	250.00	752.00	0.00	752.04	5.10	0.00	0.00	2.26
10.00	100.00	0.00	0.00	746.90	300.00	752.12	0.00	752.18	5.22	0.00	0.00	2.58
10.00	100.00	0.00	0.00	746.90	400.00	752.34	0.00	752.42	5.44	0.00	0.00	3.16
12.00	200.00	0.00	0.00	751.10	145.00	753.90	753.90	754.34	2.90	0.00	0.00	6.06
12.00	200.00	0.00	0.00	751.10	250.00	754.30	754.30	754.81	3.20	0.00	0.00	7.07
12.00	200.00	0.00	0.00	751.10	300.00	754.48	754.48	754.90	3.38	0.00	0.00	7.27
12.00	200.00	0.00	0.00	751.10	400.00	754.74	754.74	755.32	3.64	0.00	0.00	7.95
13.00	100.00	0.00	0.00	753.20	145.00	756.41	0.00	756.58	3.21	0.00	0.00	4.08
13.00	100.00	0.00	0.00	753.20	250.00	756.94	0.00	757.14	3.74	0.00	0.00	4.62
13.00	100.00	0.00	0.00	753.20	300.00	757.14	0.00	757.30	3.93	0.00	0.00	4.90
13.00	100.00	0.00	0.00	753.20	400.00	757.50	0.00	757.74	4.30	0.00	0.00	5.27

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH 0	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.H. DIFF	LENGTH
2.500	145.000	735.526	0.000	0.000	0.000	0.000	0.000	-0.000
2.500	250.000	736.696	1.169	0.000	0.000	0.000	0.000	-0.000
2.500	300.000	737.093	.398	0.000	0.000	0.000	0.000	-0.000
2.500	400.000	737.613	.520	0.000	0.000	0.000	0.000	-0.000
3.300	145.000	738.952	0.000	3.425	0.000	0.000	0.000	80.000
3.300	250.000	739.766	.814	3.070	0.000	0.000	0.000	80.000

42236

3,300	300,000	739,941	.175	2,848	0,000	0,000	0,000	80,000
3,300	400,000	740,284	.343	2,671	0,000	0,000	0,000	80,000
3,900	145,000	741,723	0,000	2,771	0,000	0,000	0,000	60,000
3,900	250,000	742,050	.336	2,293	0,000	0,000	0,000	60,000
3,900	300,000	742,140	.091	2,208	0,000	0,000	0,000	60,000
3,900	400,000	742,287	.138	2,004	0,000	0,000	0,000	60,000
5,000	145,000	742,328	0,000	.605	0,000	0,000	0,000	110,000
5,000	250,000	743,496	1.168	1,437	0,000	0,000	0,000	110,000
5,000	300,000	743,894	.399	1,745	0,000	0,000	0,000	110,000
5,000	400,000	744,450	.555	2,162	0,000	0,000	0,000	110,000
7,000	145,000	748,011	0,000	5,683	0,000	0,000	0,000	200,000
7,000	250,000	749,024	1.013	5,528	0,000	0,000	0,000	200,000
7,000	300,000	749,316	.292	5,421	0,000	0,000	0,000	200,000
7,000	400,000	749,782	.466	5,332	0,000	0,000	0,000	200,000
9,000	145,000	750,930	0,000	2,914	0,000	0,000	0,000	200,000
9,000	250,000	751,951	1.021	2,928	0,000	0,000	0,000	200,000
9,000	300,000	752,062	.111	2,746	0,000	0,000	0,000	200,000
9,000	400,000	752,240	.178	2,458	0,000	0,000	0,000	200,000
10,000	145,000	751,349	0,000	.419	0,000	0,000	0,000	100,000
10,000	250,000	751,998	.650	.047	0,000	0,000	0,000	100,000
10,000	300,000	752,124	.126	.062	0,000	0,000	0,000	100,000
10,000	400,000	752,336	.212	.097	0,000	0,000	0,000	100,000
12,000	145,000	753,901	0,000	2,552	0,000	0,000	0,000	200,000
12,000	250,000	754,302	.401	2,304	0,000	0,000	0,000	200,000
12,000	300,000	754,481	.178	2,357	0,000	0,000	0,000	200,000
12,000	400,000	754,738	.258	2,402	0,000	0,000	0,000	200,000
13,000	145,000	756,410	0,000	2,509	0,000	0,000	0,000	100,000
13,000	250,000	756,931	.531	2,640	0,000	0,000	0,000	100,000
13,000	300,000	757,131	.169	2,650	0,000	0,000	0,000	100,000
13,000	400,000	757,500	.369	2,751	0,000	0,000	0,000	100,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0,000	0,000	.690	0,000
2	0,000	0,000	1,102	.408
3	0,000	0,000	1,175	.481
4	0,000	0,000	1,265	.571

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

B-4

T1 GASTONIA N.C.
 T2 FLOOD INSURANCE
 T3 TRIP A-0 10 YR G

J1	ICHECK	INQ	NTNV	INDP	STRT	NEIPIC	RVINS	Q	ASEI	FC
	0.	2.	0.	0.	0.	0.	0.	0.	690,300	0.
J2	NPROF	IPLAT	PPEVS	XSECV	XSECH	FK	ALLGC	YBR	CHNIT	ITRACH
	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	26,000	0.	0.
NC	0,100	0,100	0,075	0,100	0,300	0.	0.	0.	0.	0.
QT	5,000	400,000	710,000	840,000	840,000	1080,000	0.	0.	0.	0.
ET	0.	0.	0.	0.	10,400	0.	0.	0.	0.	0.
X1	0.	17,000	230,000	245,000	0.	0.	0.	0.	0.	0.
GR	704,000	20,000	699,000	50,000	694,000	100,000	694,300	150,000	694,200	200,000
GR	690,300	230,000	686,900	233,000	686,000	236,000	686,400	240,000	690,000	245,000
GR	600,200	250,000	699,000	300,000	690,900	350,000	691,000	400,000	692,000	450,000
GR	694,000	425,000	704,000	765,000	0.	0.	0.	0.	0.	0.
X1	7,500	17,000	230,000	245,000	750,000	750,000	750,000	0.	0.	0.
GR	710,000	20,000	705,000	50,000	700,000	100,000	695,300	150,000	695,200	200,000
GR	696,300	230,000	692,900	233,000	692,000	236,000	692,400	240,000	696,000	245,000
GR	696,200	250,000	695,500	300,000	696,900	350,000	697,000	400,000	698,000	450,000
GR	700,000	425,000	710,000	765,000	0.	0.	0.	0.	0.	0.
X1	22,700	15,000	210,000	226,000	1520,000	1520,000	1520,000	0.	0.	0.
GR	725,000	0.	718,900	50,000	710,400	100,000	707,400	150,000	707,000	200,000
GR	706,900	210,000	703,300	215,000	701,600	214,000	702,700	224,000	705,900	226,000
GR	705,900	250,000	707,400	300,000	716,000	350,000	723,400	400,000	725,000	450,000
X1	29,000	0.	0.	0.	650,000	650,000	650,000	0.	3,900	0.
X1	35,000	15,000	350,000	390,000	600,000	600,000	600,000	0.	0.	0.
GR	745,000	0.	740,000	25,000	735,000	70,000	730,000	125,000	725,000	185,000
GR	720,000	220,000	715,000	270,000	714,000	150,000	710,000	380,000	714,000	390,000
GP	715,000	400,000	720,000	410,000	725,000	430,000	730,000	480,000	735,000	654,000
X1	36,000	0.	0.	0.	100,000	100,000	100,000	0.	1,000	0.
X3	10,000	0.	0.	0.	0.	0.	0.	727,800	727,800	0.
SB	0.	1,500	2,500	200,000	8,000	0.	50,200	0.	712,200	711,000
X1	37,000	0.	0.	0.	100,000	100,000	100,000	0.	1,200	0.
X2	0.	0.	1,000	720,200	727,400	0.	0.	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	727,800	727,800	0.
X1	37,500	12,000	440,000	470,000	50,000	50,000	50,000	0.	0.	0.
GR	735,000	0.	730,000	40,000	725,000	270,000	720,000	330,000	715,000	415,000
GR	714,000	440,000	712,200	470,000	714,000	470,000	715,000	510,000	720,000	540,000
GR	7250,000	5600,000	7350,000	6000,000	0.	0.	0.	0.	0.	0.

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

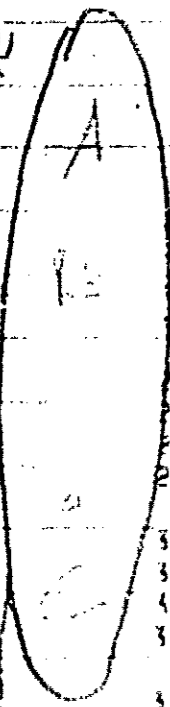
TRIP B-4 500 YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TD	EG	TOPWID	STENCL	STENCH	VCH
0.	0.	0.	0.	686.00	400.00	690.30	28.20	690.55	187.56	0.	0.	5.09
0.	0.	0.	0.	686.00	710.00	693.90	460.67	693.91	382.19	0.	0.	0.95
0.	0.	0.	0.	686.00	840.00	695.30	798.68	695.30	474.40	0.	0.	0.70
0.	0.	0.	0.	686.00	1080.00	698.30	1848.72	698.30	508.40	0.	0.	0.52
7.50	750.00	0.	0.	692.00	400.00	696.91	58.35	696.97	224.61	0.	0.	2.80
7.50	750.00	0.	0.	692.00	710.00	696.52	37.65	696.96	198.60	0.	0.	7.12
7.50	750.00	0.	0.	692.00	840.00	696.58	40.26	697.11	201.33	0.	0.	7.97
7.50	750.00	0.	0.	692.00	1080.00	698.35	199.14	698.40	318.61	0.	0.	2.78
22.70	1520.00	0.	0.	701.60	400.00	707.30	37.83	707.54	133.60	0.	0.	0.59
22.70	1520.00	0.	0.	701.60	710.00	708.87	122.46	708.95	181.43	0.	0.	3.15
22.70	1520.00	0.	0.	701.60	840.00	709.19	147.89	709.27	188.39	0.	0.	3.20
22.70	1520.00	0.	0.	701.60	1080.00	707.99	67.02	708.57	162.65	0.	0.	7.79
29.00	650.00	0.	0.	705.50	400.00	711.77	60.48	711.86	159.86	0.	0.	3.14
29.00	650.00	0.	0.	705.50	710.00	712.08	77.24	712.27	156.67	0.	0.	4.56
29.00	650.00	0.	0.	705.50	840.00	712.32	91.48	712.51	171.76	0.	0.	4.71
29.00	650.00	0.	0.	705.50	1080.00	713.48	180.34	713.57	196.38	0.	0.	3.52
35.00	600.00	0.	0.	710.00	400.00	714.91	49.46	715.06	121.91	0.	0.	3.21
35.00	600.00	0.	0.	710.00	710.00	715.94	101.04	716.08	141.17	0.	0.	3.01
35.00	600.00	0.	0.	710.00	840.00	716.20	118.32	716.36	144.38	0.	0.	4.40
35.00	600.00	0.	0.	710.00	1080.00	716.34	127.78	716.50	165.02	0.	0.	4.30
36.00	100.00	0.	0.	711.00	400.00	715.66	39.73	715.88	40.00	0.	0.	3.70
36.00	100.00	0.	0.	711.00	710.00	716.51	62.85	716.91	40.00	0.	0.	5.06
36.00	100.00	0.	0.	711.00	840.00	716.76	70.65	717.25	40.00	0.	0.	5.58
36.00	100.00	0.	0.	711.00	1080.00	717.09	41.03	717.77	40.00	0.	0.	6.40
37.00	100.00	727.40	720.20	712.20	400.00	716.74	35.77	716.98	40.00	0.	0.	3.94
37.00	100.00	727.40	720.20	712.20	710.00	717.75	64.53	718.15	40.00	0.	0.	4.98
37.00	100.00	727.40	720.20	712.20	840.00	718.12	75.69	718.57	40.00	0.	0.	5.35
37.00	100.00	727.40	720.20	712.20	1080.00	718.72	95.52	719.27	40.00	0.	0.	5.98
37.50	50.00	0.	0.	712.20	400.00	717.11	113.69	717.14	143.61	0.	0.	1.69
37.50	50.00	0.	0.	712.20	710.00	718.29	203.25	718.32	170.60	0.	0.	1.69
37.50	50.00	0.	0.	712.20	840.00	718.71	242.47	718.75	190.31	0.	0.	2.06
37.50	50.00	0.	0.	712.20	1080.00	719.42	317.13	719.45	196.63	0.	0.	2.22
45.80	830.00	0.	0.	720.10	400.00	723.15	15.07	724.22	22.95	0.	0.	8.70
45.80	830.00	0.	0.	720.10	710.00	724.20	27.90	725.43	26.16	0.	0.	9.60
45.80	830.00	0.	0.	720.10	840.00	724.57	33.24	726.13	27.27	0.	0.	10.03
45.80	830.00	0.	0.	720.10	1080.00	725.19	43.40	726.96	29.17	0.	0.	10.67
52.20	640.00	0.	0.	724.70	540.00	732.83	65.30	733.06	38.07	0.	0.	3.87
52.20	640.00	0.	0.	724.70	950.00	734.06	111.82	734.78	47.56	0.	0.	4.55
52.20	640.00	0.	0.	724.70	1110.00	734.92	130.93	735.28	53.11	0.	0.	4.80
52.20	640.00	0.	0.	724.70	1440.00	735.71	166.39	736.15	75.56	0.	0.	5.32

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHFD	MIN FL OF GROUND	DISCHARGE (CFS)	CASE	TO	FC	TARPID	STEEL	STEEL	VCH
52.60	40.00	0.	0.	720.70	500.00	733.51	72.41	733.71	29.71	0.	0.	3.50
52.60	40.00	0.	0.	720.70	950.00	734.74	124.44	735.44	51.24	0.	0.	4.25
52.60	40.00	0.	0.	720.70	1110.00	735.23	144.86	735.55	66.85	0.	0.	4.50
52.60	40.00	0.	0.	720.70	1400.00	736.04	180.24	736.42	84.42	0.	0.	4.99
53.60	100.00	720.20	730.90	728.50	500.00	740.64	32.09	741.78	5.00	0.	0.	8.00
53.60	100.00	740.20	730.90	728.50	950.00	745.07	1517.64	745.17	282.63	0.	0.	6.75
53.60	100.00	740.20	730.90	728.50	1110.00	745.44	1593.45	745.45	284.71	0.	0.	6.85
53.60	100.00	740.20	730.90	728.50	1400.00	745.94	1725.90	745.94	286.31	0.	0.	1.03
54.20	40.00	0.	0.	728.70	500.00	741.89	598.15	741.00	223.43	0.	0.	6.78
54.20	40.00	0.	0.	728.70	950.00	745.17	1209.05	745.17	271.34	0.	0.	6.79
54.20	40.00	0.	0.	728.70	1110.00	745.45	1317.47	745.46	275.47	0.	0.	6.80
54.20	40.00	0.	0.	728.70	1400.00	745.94	1600.00	745.95	282.52	0.	0.	1.07
59.00	480.00	0.	0.	738.00	500.00	743.80	20.00	745.51	15.40	0.	0.	10.40
59.00	480.00	0.	0.	738.00	950.00	745.80	45.42	747.46	37.36	0.	0.	10.66
59.00	480.00	0.	0.	738.00	1110.00	746.37	56.05	748.00	44.66	0.	0.	10.60
59.00	480.00	0.	0.	738.00	1400.00	747.19	77.34	748.83	53.31	0.	0.	11.65

SECTION NUMBER	DISCHARGE CFS	CASEL	CASEL DIFF EACH	CASEL DIFF EACH SECTION	CASEL - CASEL	TOPY TO	T. DIFF	LENGTH
0.	400,000	690,300	690.5	0.	0.	187.541	0.	0.
0.	710,000	693,900	692.1	3,000	0.	382.186	-190.625	0.
0.	800,000	695,300	692.9	1,400	0.	430,000	-286.839	0.
0.	1080,000	698,300	694.6	3,000	0.	506,000	-360.839	0.
7,500	400,000	696,410	696.8	0.	0,000	220,007	0.	750,000
7,500	710,000	696,525	696.5	0,384	2,075	198,002	26,005	750,000
7,500	800,000	696,580	696.6	0,056	1,250	201,330	23,276	750,000
7,500	1080,000	698,351	697.8	1,771	0,051	318,610	-114,005	750,000
2,700	400,000	707,248	707.5	0.	10,380	131,000	0.	1520,000
2,700	710,000	708,019	708.4	1,571	10,380	181,412	-47,020	1520,000
2,700	800,000	709,102	709.2	0,320	10,012	180,354	-50,785	1520,000
2,700	1080,000	707,784	707.7	-1,190	9,045	102,007	-24,005	1520,000
9,000	400,000	711,715	0.	0.	4,476	159,012	0.	150,000
9,000	710,000	712,079	0,312	3,211	0.	160,070	-0,068	650,000
9,000	800,000	712,310	0,237	3,120	0.	171,764	-11,068	650,000
9,000	1080,000	713,478	1,161	5,043	0.	190,510	-36,517	150,000
35,000	400,000	714,806	715.0	0.	3,138	121,905	0.	650,000
35,000	710,000	715,530	715.7	1,030	3,050	141,172	-19,260	650,000
35,000	800,000	716,204	716.2	0,269	3,080	140,575	-22,071	650,000
35,000	1080,000	716,335	716.6	0,131	2,054	140,022	-20,116	650,000
30,000	200,000	715,661	0.	0,154	0.	40,000	0.	100,000
30,000	710,000	716,508	0,817	0,572	0.	40,000	0.	100,000
30,000	800,000	715,124	0,250	0,500	0.	40,000	0.	100,000
30,000	1080,000	717,029	0,325	0,751	0.	40,000	0.	100,000
37,000	400,000	715,739	0.	1,078	0.	40,000	0.	100,000
37,000	710,000	717,164	1,020	1,256	0.	40,000	0.	100,000
37,000	800,000	716,125	0,361	1,360	0.	40,000	0.	100,000
37,000	1080,000	718,120	0,385	1,031	0.	40,000	0.	100,000
37,500	400,000	717,114	717.1	0.	0,375	143,015	0.	50,000
37,500	710,000	716,247	718.3	1,173	0,523	170,803	-26,988	50,000
37,500	840,000	716,709	718.7	0,422	0,585	180,310	-36,045	50,000

Change Profile



37.500 1080.000 719.419 719.4 0.710 0.699 0. 196.630 -53.015 50.000

	45.800	400.000	723.153	0.	6.039	0.	22.952	0.	830.000
	45.800	710.000	724.204	1.051	5.917	0.	26.159	-3.207	830.000
	45.800	840.000	724.568	0.365	5.859	0.	27.272	-4.328	830.000
	45.800	1080.000	725.189	0.621	5.770	0.	29.167	-6.215	830.000
	52.200	540.000	732.830	732.8 0.	9.677	0.	38.070	0.	640.000
E	52.200	950.000	734.458	734.5 1.628	10.254	0.	47.557	-9.487	640.000
	52.200	1110.000	734.924	734.9 0.466	10.356	0.	53.108	-15.038	640.000
	52.200	1440.000	735.713	735.7 0.789	10.524	0.	75.561	-37.492	640.000
	52.600	540.000	733.115	0.	0.283	0.	39.710	0.	40.000
	52.600	950.000	734.762	1.649	0.304	0.	51.281	-11.572	40.000
	52.600	1110.000	735.232	0.470	0.308	0.	56.809	-17.139	40.000
	52.600	1440.000	736.037	0.806	0.324	0.	89.423	-49.714	40.000
	53.600	540.000	740.680	0.	7.567	0.	5.400	0.	100.000
	53.600	950.000	745.169	4.488	10.407	0.	282.627	-277.227	100.000
	53.600	1110.000	745.451	0.283	10.219	0.	284.714	-279.314	100.000
	53.600	1440.000	745.938	0.487	9.900	0.	268.311	-282.911	100.000
	54.200	540.000	741.893	741.7 0.	1.213	0.	223.932	0.	40.000
F	54.200	950.000	745.169	745.2 3.277	0.001	0.	271.379	-47.447	40.000
	54.200	1110.000	745.452	745.3 0.283	0.001	0.	275.472	-51.540	40.000
	54.200	1440.000	745.939	745.9 0.487	0.001	0.	282.523	-58.591	40.000
	59.000	540.000	743.800	743.8 0.	1.907	0.	15.402	0.	480.000
G	59.000	950.000	745.797	745.8 1.998	0.628	0.	37.357	-21.954	480.000
	59.000	1110.000	746.370	746.4 0.573	0.918	0.	44.841	-29.458	480.000
	59.000	1440.000	747.191	747.2 0.820	1.252	0.	53.308	-37.905	480.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DIFF
1	0.	0.	0.	17.856	0.
2	0.	0.	0.	21.569	3.711
3	0.	0.	0.	22.599	4.742
4	0.	0.	0.	27.402	9.544

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

B-5

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIP R-5 10 YR G

J1	ICHECK	INJ	MINV	IOIP	STRT	METRIC	RVINS	R	XSEL	PR
	0.	2.	0.	0.	0.	0.	0.	0.	699,600	0.
J2	NPROF	IPLDT	PREVS	XSECV	XSECH	FN	ALLIC	TR	CRIC	ITW3CF
	1.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
J3	1.000	34,000	3,000	4,000	27,000	28,000	28,000	0.	0.	0.
NC	0.090	0.000	0.000	0.100	0.300	0.	0.	0.	0.	0.
BT	5.000	400,000	710,000	800,000	800,000	1070,000	0.	0.	0.	0.
ET 51	0.	0.	0.	0.	10,000	0.	0.	0.	0.	0.
X1	4,300	13,000	201,000	259,000	0.	0.	0.	0.	0.	0.
GR	715,000	0.	711,100	100,000	709,100	150,000	707,400	200,000	704,600	241,000
GR	700,900	243,000	700,300	250,000	700,100	257,000	705,900	259,000	707,300	300,000
GR	708,100	326,000	708,500	400,000	710,000	400,000	0.	0.	0.	0.
X1	4,730	0.	0.	0.	43,000	43,000	43,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	704,900	704,900	0.
NC	0.020	0.015	0.020	0.	0.	0.	0.	0.	0.	0.
X1	4,750	17,000	205,000	255,000	2,000	2,000	2,000	0.	0.	0.
BT	13,000	0.	715,000	0.	100,000	709,000	0.	150,000	708,100	0.
BT	240,000	707,300	0.	205,000	707,300	702,000	245,000	707,300	704,900	250,000
BT	707,300	704,900	255,000	707,300	700,400	255,000	707,300	702,000	260,000	707,200
BT	0.	300,000	708,500	0.	350,000	708,000	0.	600,000	710,000	0.
GR	715,000	0.	711,100	100,000	709,100	150,000	707,400	200,000	704,600	240,000
GR	700,900	243,000	702,000	245,000	699,400	245,000	699,900	250,000	699,900	255,000
GR	702,400	255,000	700,100	257,000	705,900	240,000	707,300	300,000	700,100	350,000
GR	708,500	400,000	710,000	400,000	0.	0.	0.	0.	0.	0.
X1	5,050	0.	0.	0.	30,000	30,000	30,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.
NC	0.040	0.060	0.040	0.	0.	0.	0.	0.	0.	0.
X1	5,070	10,000	205,000	250,000	2,000	2,000	2,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	707,300	707,300	0.
GR	716,400	0.	715,000	40,000	709,400	100,000	707,600	150,000	706,100	155,000
GR	706,000	200,000	702,900	245,000	699,300	247,000	699,000	250,000	699,200	253,000
GR	703,000	256,000	704,100	300,000	705,100	350,000	710,000	600,000	0.	0.
X1	5,500	14,000	205,000	250,000	43,000	43,000	43,000	0.	0.	0.
GR	716,400	0.	715,000	40,000	709,400	100,000	707,600	150,000	706,100	155,000
GR	706,000	200,000	702,900	245,000	699,300	247,000	699,000	250,000	699,200	253,000
GR	703,000	256,000	704,100	300,000	705,100	350,000	710,000	600,000	0.	0.
X1	10,000	15,000	104,000	200,000	450,000	450,000	450,000	0.	0.	0.
GR	715,200	0.	715,000	40,000	709,900	100,000	705,600	120,000	705,700	150,000
GR	703,400	194,000	699,000	197,000	699,100	200,000	699,400	203,000	703,600	200,000

GR	704,400	250,000	704,700	300,000	705,000	312,000	713,800	350,000	720,000	400,000
X1	13,400	14,000	193,000	209,000	300,000	340,000	340,000	0.	0.	0.
GR	725,000	0.	720,000	40,000	714,800	100,000	709,500	150,000	708,800	193,000
GR	702,600	195,000	702,200	200,000	701,600	205,000	706,200	209,000	708,600	250,000
GR	708,600	300,000	713,100	350,000	720,000	400,000	725,000	400,000	0.	0.
X1	13,940	0.	0.	0.	54,000	54,000	54,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	707,000	707,000	0.
NC	0,020	0,015	0,020	0.	0.	0.	0.	0.	0.	0.
X1	13,960	18,000	193,000	209,000	2,000	2,000	2,000	0.	0.	0.
BT	11,000	0.	725,000	0.	100,000	715,000	0.	190,000	711,200	0.
BT	196,500	710,700	703,500	197,500	710,700	706,000	200,000	710,700	707,000	202,500
BT	710,700	706,000	203,500	710,700	703,500	210,000	710,800	0.	250,000	710,700
BT	0.	500,000	714,200	0.	0.	0.	0.	0.	0.	0.
GR	725,000	0.	720,000	40,000	714,800	100,000	709,500	150,000	708,800	193,000
GR	702,600	195,000	703,500	196,500	701,000	197,500	700,000	200,000	701,000	202,500
GR	703,500	203,500	701,600	205,000	706,200	210,000	708,600	250,000	708,600	300,000
GR	713,100	350,000	720,000	400,000	725,000	400,000	0.	0.	0.	0.
X1	14,440	0.	0.	0.	48,000	48,000	48,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.
NC	0,060	0,060	0,060	0.	0.	0.	0.	0.	0.	0.
X1	14,460	15,000	232,000	242,000	2,000	2,000	2,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	710,700	710,700	0.
GR	722,500	0.	720,100	100,000	711,400	150,000	710,200	200,000	709,500	206,000
GR	707,000	218,000	712,500	232,000	703,800	244,000	703,700	250,000	703,800	250,000
GR	712,900	262,000	712,700	272,000	713,400	300,000	716,200	350,000	720,000	500,000
X1	15,500	15,000	232,000	262,000	104,000	104,000	104,000	0.	0.	0.
GR	722,500	0.	720,100	100,000	711,400	150,000	710,200	200,000	709,500	206,000
GR	707,000	218,000	712,500	232,000	703,800	244,000	703,700	250,000	703,800	250,000
GR	712,900	262,000	712,700	272,000	713,400	300,000	716,200	350,000	720,000	500,000
X1	22,000	20,000	182,000	212,000	650,000	650,000	650,000	0.	0.	0.
GR	735,000	0.	730,000	40,000	725,000	40,000	722,500	100,000	715,600	150,000
GR	715,200	160,000	711,800	143,000	711,200	162,000	712,500	173,000	716,200	177,000
GR	716,300	182,000	707,400	195,000	707,100	200,000	707,800	205,000	718,500	212,000
GR	718,400	225,000	719,700	250,000	725,000	310,000	730,000	430,000	735,000	450,000
X1	28,200	13,000	90,000	105,000	620,000	420,000	520,000	0.	0.	0.
GR	734,800	0.	722,300	50,000	729,000	90,000	710,800	95,000	709,100	100,000
GR	709,100	105,000	719,400	106,000	724,200	125,000	724,200	144,000	724,000	150,000
GR	725,800	200,000	730,000	230,000	735,000	320,000	0.	0.	0.	0.
X1	28,280	0.	0.	0.	8,000	8,000	8,000	0.	0.	0.
X3	10,000	0.	0.	0.	0.	0.	0.	716,100	716,100	0.
NC	0,020	0,015	0,020	0.	0.	0.	0.	0.	0.	0.
X1	28,300	17,000	96,500	103,500	2,000	2,000	2,000	0.	0.	0.
BT	11,000	0.	733,800	0.	50,000	727,700	0.	90,000	725,100	0.
BT	96,500	724,500	712,700	97,500	724,500	715,000	100,000	724,500	716,100	102,500
BT	724,500	715,000	103,500	724,500	712,700	110,000	727,500	0.	200,000	725,800
BT	0.	330,000	735,000	0.	0.	0.	0.	0.	0.	0.
GR	734,800	0.	722,300	50,000	729,000	90,000	710,800	95,000	712,700	96,500
GR	710,200	97,500	709,300	100,000	710,200	102,500	712,700	103,500	709,100	105,000
GR	719,400	110,000	724,200	125,000	724,200	130,000	724,000	150,000	725,800	200,000
GR	730,000	270,000	735,000	330,000	0.	0.	0.	0.	0.	0.
X1	29,300	0.	0.	0.	100,000	100,000	100,000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	1,000	0.	0.	0.
NC	0,070	0,070	0,060	0,100	0,300	0.	0.	0.	0.	0.
X1	29,320	11,000	89,000	116,000	2,000	2,000	2,000	0.	0.	0.

 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 TRIB R-5 100 YR Q

J1	ICHECK	ING	NINV	101P	STRT	NETPIC	HVINS	Q	WSEL	PO
	0.	0.	0.	0.	0.	0.	0.	0.	702.500	0.

J2	NPROF	IPLDI	PPFVS	XSECV	XSECH	FN	ALLDC	TRP	CHNI	ITRACF
	3.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS B-5 500 YR Q

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TO	FG	TOPWID	STENCL	STENCR	VCH	
A	4.30	0.	0.	0.	700.10	400.00	703.25	17.80	704.59	16.36	0.	0.	9.28
	4.30	0.	0.	0.	700.10	710.00	704.50	31.80	706.40	17.47	0.	0.	11.04
	4.30	0.	0.	0.	700.10	840.00	705.10	40.13	707.04	24.99	0.	0.	11.21
	4.30	0.	0.	0.	700.10	1080.00	706.29	62.75	707.97	54.37	0.	0.	10.65
	4.73	43.00	0.	0.	700.10	400.00	705.06	39.58	705.51	24.45	0.	0.	5.38
	4.73	43.00	0.	0.	700.10	710.00	706.75	75.01	707.29	24.52	0.	0.	6.18
	4.73	43.00	0.	0.	700.10	840.00	707.35	95.89	707.84	100.95	0.	0.	6.11
	4.73	43.00	0.	0.	700.10	1080.00	708.20	100.96	708.58	167.53	0.	0.	5.81
	4.75	2.00	706.80	704.90	699.90	400.00	704.60	74.82	705.72	19.35	0.	0.	8.51
	4.75	2.00	706.80	704.90	699.90	710.00	704.96	58.97	708.09	24.65	0.	0.	14.20
	4.75	2.00	706.80	704.90	699.90	840.00	708.17	132.33	708.66	181.15	0.	0.	6.66
	4.75	2.00	706.80	704.90	699.90	1080.00	708.35	170.45	708.86	209.63	0.	0.	6.78
	5.05	30.00	706.80	704.90	699.90	400.00	704.76	79.10	705.81	21.71	0.	0.	8.23
	5.05	30.00	706.80	704.90	699.90	710.00	705.39	58.97	708.53	31.09	0.	0.	14.20
	5.05	30.00	706.80	704.90	699.90	840.00	708.56	221.40	708.76	200.95	0.	0.	4.15
	5.05	30.00	706.80	704.90	699.90	1080.00	708.74	280.53	708.86	271.60	0.	0.	4.30
	5.07	2.00	0.	0.	699.00	400.00	705.03	30.00	705.85	11.00	0.	0.	7.25
	5.07	2.00	0.	0.	699.00	710.00	708.83	707.60	708.84	417.20	0.	0.	0.86
	5.07	2.00	0.	0.	699.00	840.00	708.77	689.22	708.78	412.84	0.	0.	1.04
	5.07	2.00	0.	0.	699.00	1080.00	708.99	756.73	709.00	428.44	0.	0.	1.24
B	5.50	43.00	0.	0.	699.00	400.00	705.90	124.73	706.02	195.11	0.	0.	1.81
	5.50	43.00	0.	0.	699.00	710.00	708.86	709.32	708.84	417.58	0.	0.	0.86
	5.50	43.00	0.	0.	699.00	840.00	708.78	691.15	708.79	413.30	0.	0.	1.04
	5.50	43.00	0.	0.	699.00	1080.00	709.00	759.50	709.01	429.07	0.	0.	1.24
C	10.00	450.00	0.	0.	699.00	400.00	706.32	140.00	706.34	188.44	0.	0.	1.66
	10.00	450.00	0.	0.	699.00	710.00	708.89	504.90	708.90	222.60	0.	0.	1.01
	10.00	450.00	0.	0.	699.00	840.00	708.85	586.70	708.87	222.21	0.	0.	1.20
	10.00	450.00	0.	0.	699.00	1080.00	709.10	641.18	709.12	224.72	0.	0.	1.44
D	13.40	340.00	0.	0.	701.60	400.00	704.38	20.26	707.21	10.29	0.	0.	7.33
	13.40	340.00	0.	0.	701.60	710.00	708.73	73.97	709.19	108.42	0.	0.	6.03
	13.40	340.00	0.	0.	701.60	840.00	708.54	67.18	709.32	55.81	0.	0.	7.72
	13.40	340.00	0.	0.	701.60	1080.00	708.92	82.50	709.77	117.79	0.	0.	8.38
	13.94	54.00	0.	0.	701.60	400.00	707.58	40.20	707.95	19.22	0.	0.	5.68
	13.94	54.00	0.	0.	701.60	710.00	709.32	105.87	709.55	147.05	0.	0.	4.49
	13.94	54.00	0.	0.	701.60	840.00	709.57	123.29	709.80	141.30	0.	0.	4.88
	13.94	54.00	0.	0.	701.60	1080.00	710.03	144.79	710.25	170.90	0.	0.	4.71
	13.96	2.00	710.70	707.00	700.00	400.00	706.27	73.53	708.53	17.44	0.	0.	0.
	13.96	2.00	710.70	707.00	700.00	710.00	711.42	125.39	712.08	203.48	0.	0.	0.
	13.96	2.00	710.70	707.00	700.00	840.00	711.67	134.21	712.24	204.57	0.	0.	0.
	13.96	2.00	710.70	707.00	700.00	1080.00	711.94	185.96	712.51	210.13	0.	0.	0.

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSFL	TO	FG	TRPVD	STENCL	STENCP	VCH
14.44	48.00	710.70	707.00	700.00	400.00	708.49	75.72	708.67	21.04	0.	0.	0.
14.44	48.00	710.70	707.00	700.00	710.00	711.04	159.06	712.20	210.43	0.	0.	0.
14.44	48.00	710.70	707.00	700.00	840.00	712.12	224.49	712.38	213.68	0.	0.	0.
14.44	48.00	710.70	707.00	700.00	1080.00	712.31	272.70	712.64	217.68	0.	0.	0.
14.46	2.00	0.	0.	703.70	400.00	708.07	26.97	708.83	18.62	0.	0.	4.99
14.46	2.00	0.	0.	703.70	710.00	712.12	170.46	712.22	115.93	0.	0.	2.77
14.46	2.00	0.	0.	703.70	840.00	712.29	182.98	712.40	115.68	0.	0.	3.08
14.46	2.00	0.	0.	703.70	1080.00	712.50	200.75	712.66	118.01	0.	0.	3.46
15.50	100.00	0.	0.	703.70	400.00	709.62	56.61	709.83	42.18	0.	0.	3.00
E 15.50	100.00	0.	0.	703.70	710.00	712.30	183.68	712.38	115.78	0.	0.	2.40
15.50	100.00	0.	0.	703.70	840.00	712.50	200.50	712.60	118.00	0.	0.	2.85
15.50	100.00	0.	0.	703.70	1080.00	712.80	228.25	712.93	128.91	0.	0.	3.31
22.00	650.00	0.	0.	707.10	400.00	713.01	53.75	713.26	33.32	0.	0.	4.15
F 22.00	650.00	0.	0.	707.10	710.00	713.98	77.33	714.02	47.06	0.	0.	5.53
22.00	650.00	0.	0.	707.10	840.00	714.01	89.65	714.99	38.74	0.	0.	5.83
22.00	650.00	0.	0.	707.10	1080.00	715.11	112.27	715.67	41.40	0.	0.	6.27
28.20	620.00	0.	0.	709.10	400.00	715.77	53.16	716.76	13.73	0.	0.	5.17
28.20	620.00	0.	0.	709.10	710.00	718.63	80.33	719.27	15.16	0.	0.	6.57
28.20	620.00	0.	0.	709.10	840.00	719.30	95.60	720.08	15.61	0.	0.	7.04
28.20	620.00	0.	0.	709.10	1080.00	720.38	115.79	721.36	26.51	0.	0.	7.94
28.28	8.00	0.	0.	709.10	400.00	716.02	53.73	716.03	13.76	0.	0.	5.13
28.28	8.00	0.	0.	709.10	710.00	718.67	80.30	719.22	15.20	0.	0.	6.51
28.28	8.00	0.	0.	709.10	840.00	719.30	95.67	720.14	15.66	0.	0.	7.00
28.28	8.00	0.	0.	709.10	1080.00	720.38	112.03	721.43	26.55	0.	0.	7.89
28.30	2.00	720.50	718.10	709.10	400.00	715.87	45.06	717.56	15.02	0.	0.	13.20
28.30	2.00	720.50	718.10	709.10	710.00	718.10	40.77	722.05	16.28	0.	0.	21.01
G 28.30	2.00	720.50	718.10	709.10	840.00	718.10	40.77	725.69	16.28	0.	0.	20.86
28.30	2.00	720.50	718.10	709.10	1080.00	725.18	179.79	726.75	171.03	0.	0.	6.71
29.30	100.00	720.50	718.50	711.50	400.00	717.27	45.06	719.06	15.02	0.	0.	13.20
29.30	100.00	720.50	718.50	711.50	710.00	718.86	48.17	725.75	16.00	0.	0.	21.01
29.30	100.00	720.50	718.50	711.50	840.00	726.85	130.48	727.46	121.17	0.	0.	7.03
29.30	100.00	720.50	718.50	711.50	1080.00	727.06	159.23	727.91	127.70	0.	0.	8.25
29.32	2.00	0.	0.	711.70	400.00	720.12	43.02	720.25	24.37	0.	0.	2.85
29.32	2.00	0.	0.	711.70	710.00	726.90	405.61	726.03	137.53	0.	0.	1.65
29.32	2.00	0.	0.	711.70	840.00	727.06	500.49	727.52	153.73	0.	0.	1.57
29.32	2.00	0.	0.	711.70	1080.00	727.85	643.31	727.89	150.98	0.	0.	1.84
29.50	18.00	0.	0.	711.70	400.00	720.15	43.66	720.26	24.40	0.	0.	2.83
H 29.50	18.00	0.	0.	711.70	710.00	720.06	447.18	724.03	137.60	0.	0.	1.65
29.50	18.00	0.	0.	711.70	840.00	727.50	500.41	727.52	153.77	0.	0.	1.57
29.50	18.00	0.	0.	711.70	1080.00	727.85	643.31	727.89	150.03	0.	0.	1.84

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHORD	MIN FL OF GROUND	DISCHARGE (CFS)	CWSEL	IC	EG	TOPRIO	STENCL	STENCP	VCH
	33.00	350.00	0.	0.	722.50	300.00	731.87	16.22	732.78	24.76	0.	7.64
I	33.00	350.00	0.	0.	722.50	710.00	732.76	34.04	733.04	25.33	0.	2.72
	33.00	350.00	0.	0.	722.50	840.00	733.10	41.41	734.15	27.40	0.	2.62
	33.00	350.00	0.	0.	722.50	1080.00	733.59	53.47	735.01	40.52	0.	0.58
	40.00	700.00	0.	0.	732.50	300.00	739.41	62.42	739.43	26.42	0.	3.80
J	40.00	700.00	0.	0.	732.50	710.00	740.86	106.32	741.19	71.65	0.	0.77
	40.00	700.00	0.	0.	732.50	840.00	741.25	124.59	741.41	28.30	0.	5.04
	40.00	700.00	0.	0.	732.50	1080.00	741.29	140.37	742.26	125.18	0.	5.37

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SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL - CWSEL	TOPRIO	T.P. DIFF	LENGTH
	4.300	400.000	703.250	703.3	0.	16.357	0.	20.
	4.300	710.000	704.503	704.5	1.253	17.466	-1.109	0.
	4.300	840.000	705.096	705.1	0.593	24.988	-8.521	0.
	4.300	1080.000	706.295	706.3	1.198	54.360	-38.009	0.
	4.730	400.000	705.063	0.	1.212	24.445	0.	43.000
	4.730	710.000	706.749	1.686	2.205	74.317	-49.872	43.000
	4.730	840.000	707.348	0.600	2.252	100.989	-76.574	43.000
	4.730	1080.000	708.109	0.851	1.905	167.535	-143.090	43.000
	4.750	400.000	704.600	0.	-0.443	19.353	0.	2.000
	4.750	710.000	704.960	0.359	-1.729	24.604	-5.298	2.000
	4.750	840.000	705.188	3.200	0.220	181.153	-161.800	2.000
	4.750	1080.000	706.353	0.184	0.154	209.820	-190.273	2.000
	5.050	400.000	704.741	0.	0.161	21.712	0.	30.000
	5.050	710.000	705.304	0.563	0.475	31.050	-9.375	30.000
	5.050	840.000	706.550	3.161	0.387	240.940	-219.235	30.000
	5.050	1080.000	708.704	0.120	0.391	271.601	-244.699	30.000
	5.070	400.000	705.629	0.	0.249	11.000	0.	2.000
	5.070	710.000	706.833	3.204	3.439	417.202	-406.202	2.000
	5.070	840.000	706.772	-0.061	0.217	412.801	-401.801	2.000
	5.070	1080.000	706.947	0.214	0.243	428.243	-417.403	2.000
	5.500	400.000	705.403	706.0	0.	195.120	0.	43.000
B	5.500	710.000	706.837	708.8	2.345	417.584	-222.477	43.000
	5.500	840.000	708.779	708.8	0.054	413.302	-218.198	43.000
	5.500	1080.000	708.995	709.0	0.217	424.074	-233.947	43.000
	10.000	400.000	706.322	706.3	0.	148.000	0.	450.000
	10.000	710.000	706.488	708.9	2.566	222.900	-74.140	450.000
C	10.000	840.000	706.852	708.9	0.074	222.212	-33.772	450.000
	10.000	1080.000	709.090	709.1	0.204	224.717	-36.277	450.000
	13.400	400.000	706.375	706.4	0.	10.289	0.	340.000
D	13.400	710.000	706.735	708.7	2.307	108.418	-90.120	340.000
	13.400	840.000	706.537	708.5	-0.188	55.815	-37.526	340.000
	13.400	1080.000	708.910	708.9	0.391	117.705	-84.506	340.000
	13.940	400.000	707.576	0.	1.200	32.216	0.	54.000
	13.940	710.000	709.322	1.744	0.597	147.052	-117.834	54.000
	13.940	840.000	709.565	0.243	1.024	161.302	-122.080	54.000
	13.940	1080.000	710.020	0.454	1.111	170.898	-131.080	54.000
	13.960	400.000	706.272	0.	-1.306	17.403	0.	2.000
	13.960	710.000	711.616	5.344	2.294	203.480	-186.037	2.000
	13.960	840.000	711.669	0.053	2.104	204.568	-187.125	2.000

	13,960	1000,000	711,940	0.271	1,911	0.	210,133	-192,691	2,000
	14,440	400,000	706,487	0.	0,215	0.	21,000	0.	20,000
	14,440	710,000	711,957	5,470	0,301	0.	210,434	-194,390	48,000
	14,440	840,000	712,118	0,161	0,400	0.	213,695	-192,641	20,000
	14,440	1000,000	712,310	0,191	0,570	0.	217,677	-196,633	20,000
	14,460	400,000	708,067	0.	1,590	0.	16,617	0.	2,000
	14,460	710,000	712,125	0,057	0,148	0.	113,932	-95,315	2,000
	14,460	840,000	712,287	0,162	0,140	0.	115,694	-97,066	2,000
	14,460	1000,000	712,504	0,217	0,190	0.	118,007	-99,300	2,000
	15,500	400,000	709,621	0.	1,593	0.	02,190	0.	100,000
	15,500	710,000	712,300	2,534	0,180	0.	115,779	-73,599	100,000
E	15,500	840,000	712,505	0,200	0,218	0.	116,062	-75,822	100,000
	15,500	1000,000	712,799	0,295	0,295	0.	128,414	-86,734	100,000
	22,000	400,000	713,010	0.	3,389	0.	33,321	0.	650,000
	22,000	710,000	713,977	0,947	1,673	0.	37,059	-3,738	650,000
F	22,000	840,000	714,408	0,431	1,904	0.	38,736	-5,415	650,000
	22,000	1000,000	715,111	0,702	2,311	0.	41,470	-8,149	650,000
	28,200	400,000	716,348	0.	3,384	0.	13,732	0.	620,000
	28,200	710,000	718,602	2,233	4,629	0.	13,157	-1,425	620,000
	28,200	840,000	719,305	0,703	4,896	0.	13,613	-1,381	620,000
	28,200	1000,000	720,351	1,076	5,270	0.	26,513	-12,781	620,000
	28,280	400,000	716,420	0.	0,452	0.	13,741	0.	6,000
	28,280	710,000	718,671	2,251	0,649	0.	13,202	-1,401	6,000
	28,280	840,000	719,380	0,709	0,075	0.	13,655	-1,895	6,000
	28,280	1000,000	720,477	1,097	0,195	0.	26,308	-14,748	6,700
	28,300	400,000	716,675	0.	-1,585	0.	16,018	0.	2,000
G	28,300	710,000	716,100	1,225	-2,571	0.	16,278	-1,260	2,000
	28,300	840,000	716,100	0.	-3,240	0.	16,270	-1,260	2,000
	28,300	1000,000	720,174	10,070	5,702	0.	171,032	-156,414	2,000
	29,300	400,000	717,275	0.	2,400	0.	15,018	0.	100,000
	29,300	710,000	718,602	1,314	2,724	0.	16,683	-1,665	100,000
	29,300	840,000	720,453	7,948	10,753	0.	121,174	-106,158	100,000
	29,300	1000,000	727,058	0,205	0,879	0.	127,705	-116,647	100,000
	29,320	400,000	720,110	0.	2,400	0.	20,390	0.	2,000
	29,320	710,000	720,302	0,277	7,503	0.	137,527	-113,152	2,000
	29,320	840,000	727,600	1,026	0,691	0.	153,729	-124,353	2,000
	29,320	1000,000	727,809	0,355	0,791	0.	158,485	-134,611	2,000
	29,500	400,000	720,154	0.	0,035	0.	21,402	0.	15,000
H	29,500	710,000	726,241	0,287	0,005	0.	137,508	-113,152	15,000
	29,500	840,000	727,093	1,097	0,006	0.	153,722	-124,330	15,000
	29,500	1000,000	727,854	0,357	0,005	0.	158,033	-134,591	15,000
	33,000	400,000	731,670	0.	11,710	0.	24,743	0.	350,000
I	33,000	710,000	732,763	0,893	0,382	0.	35,333	-5,571	350,000
	33,000	840,000	733,101	0,328	5,603	0.	37,404	-7,692	350,000
	33,000	1000,000	733,588	0,487	5,730	0.	40,485	-10,722	350,000
	40,000	400,000	739,414	0.	7,500	0.	26,418	0.	700,000
J	40,000	710,000	740,860	1,650	8,007	0.	77,651	-51,233	700,000
	40,000	840,000	741,251	0,301	0,150	0.	88,303	-61,485	700,000
	40,000	1000,000	741,848	0,635	8,297	0.	105,375	-76,957	700,000

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

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