

Foodway

 MEC2 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 NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY L-9,100 YEAR G

		CATGE									
J1	ICHECK	IND	MINV	TDIP	STRT	METRIC	WVINS	0	ASFL	FG	
J2	NPROF	TILOT	PREVS	YSECV	YSECH	FN	ALLDC	IPN	CHNTM	ITRACE	
	1.000	-0	-0	-0	-0	-0	-0	-0	483,900	-0	
J3	1.000	34,000	3,000	4,000	4,000	27,000	28,000	26,000		-0	-0
NC	.100	.100	.080	.100	.100	.300	-0	-0	-0	-0	-0
RT	5,000	750,000	1400,000	1750,000	1750,000	1750,000	2800,000	-0	-0	-0	-0
ET	-0	-0	-0	-0	-0	10,400	-0	-0	-0	-0	-0
X1	7,700	20,000	91,000	112,000	112,000	50,000	-0	-0	-0	-1,600	-0
GR	701,900	0	494,200	42,000	42,000	492,000	50,000	442,800	78,000	482,500	91,000
GR	679,100	93,000	492,200	100,000	100,000	679,000	104,000	483,000	112,000	482,300	150,000
GR	662,600	180,000	487,900	198,000	198,000	487,800	200,000	488,000	203,000	488,100	207,000
GR	699,100	250,000	703,100	265,000	265,000	707,500	277,000	706,800	288,000	710,700	300,000
X1	16,300	20,000	158,000	189,000	189,000	860,000	840,000	460,000	-0	-1,600	-0
GR	493,000	0	490,600	30,000	30,000	491,600	30,000	487,600	50,000	480,800	72,000
GR	484,300	100,000	484,500	150,000	150,000	484,900	158,000	481,700	160,000	480,700	170,000
GR	480,700	172,000	480,900	189,000	189,000	480,900	200,000	485,300	250,000	484,300	300,000
GR	589,500	305,000	490,300	150,000	150,000	492,100	357,000	491,000	361,000	491,200	369,000
X1	14,800	0	-0	-0	-0	50,000	50,000	50,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	-0	484,200	484,200	-0
SB	0	1,500	2,500	0	0	10,000	0	60,000	2,000	-0	-0
X1	17,500	23,000	180,000	210,000	210,000	70,000	70,000	70,000	-0	-1,600	-0
X2	-0	-0	1,000	600,000	600,000	484,200	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	-0	444,200	444,200	-0
RT	11,000	0	491,000	0	0	50,000	489,000	0	100,000	487,300	0
RT	150,000	628,000	300,000	180,000	180,000	480,200	480,000	210,000	444,200	480,000	250,000
RT	686,400	0	300,000	484,800	484,800	0	350,000	487,700	0	0	489,800
RT	0	450,000	492,300	0	0	-0	-0	-0	-0	-0	-0
GR	692,400	0	492,300	0	0	491,100	0	487,600	50,000	480,500	100,000
GR	680,700	150,000	684,000	180,000	180,000	680,500	185,000	683,500	188,000	680,000	190,000
GR	680,900	200,000	685,400	214,000	214,000	685,900	250,000	685,800	255,000	680,000	259,000
GR	680,800	245,000	684,100	300,000	300,000	684,200	350,000	684,800	372,000	692,700	390,000
GR	693,100	400,000	692,300	438,000	438,000	690,700	450,000	684,800	450,000	687,700	450,000
X1	14,000	0	-0	-0	-0	50,000	50,000	50,000	-0	-0	-0
X1	24,500	24,000	386,000	415,000	415,000	450,000	450,000	450,000	-0	-1,600	-0
GR	705,000	0	490,700	100,000	100,000	497,800	150,000	494,600	200,000	493,200	223,000
GR	690,400	229,000	692,400	242,000	242,000	692,400	250,000	691,600	300,000	691,600	350,000
GR	692,100	356,000	683,400	395,000	395,000	682,900	400,000	683,700	408,000	691,800	415,000
GR	691,400	430,000	684,000	446,000	446,000	685,600	450,000	684,800	458,000	687,700	500,000

GR	697,800	544,000	697,800	550,000	698,300	583,000	705,000	700,000	-0
X1	25,000	0	-0	-0	50,000	50,000	50,000	-0	-0
X3	10,000	-0	-0	-0	-0	-0	694,000	-0	-0
SB	1,250	1,500	2,500	0	12,000	2,000	725,000	3,500	-0
X1	28,000	19,000	400,000	500,000	100,000	100,000	100,000	-0	-0
X2	-0	-0	1,000	694,000	694,000	-0	-0	-0	-0
X3	10,000	-0	703,400	0	200,000	-0	494,000	494,000	-0
BT	500,000	696,000	694,000	650,000	696,500	0	750,000	494,400	0
GR	700,000	200,000	692,000	300,000	691,200	0	489,100	350,000	400,000
GR	688,500	415,000	688,000	432,000	683,500	0	683,500	450,000	455,000
GR	688,400	466,000	689,400	485,000	695,600	0	695,600	550,000	400,000
GR	698,100	602,000	698,600	610,000	699,600	0	700,000	700,000	-0
X1	27,000	-0	-0	-0	100,000	100,000	100,000	-0	-0
X1	32,000	-0	-0	-0	500,000	500,000	500,000	1,500	-0
X1	37,000	21,000	290,000	314,000	500,000	500,000	500,000	-0	-0
GR	699,800	0	694,500	50,000	497,400	0	497,200	150,000	200,000
GR	696,700	250,000	695,600	280,000	692,900	0	487,900	295,000	300,000
GR	687,800	305,000	690,800	307,000	693,600	0	493,500	128,000	333,000
GR	693,800	343,000	693,600	350,000	694,300	0	695,600	450,000	500,000
GR	703,900	550,000	-0	-0	-0	-0	-0	-0	-0
X1	40,000	-0	-0	-0	300,000	300,000	300,000	1,100	-0
X1	42,000	-0	-0	-0	200,000	200,000	200,000	1,000	-0
X3	10,000	-0	-0	-0	-0	-0	702,000	702,000	-0
SB	1,250	1,500	2,500	0	31,000	0	216,000	-0	-0
X1	44,000	14,000	385,000	416,000	200,000	200,000	200,000	-0	-0
X2	-0	-0	1,000	695,000	702,000	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	702,000	702,000	-0
BT	8,000	701,600	703,700	0	100,000	702,500	701,800	200,000	0
BT	300,000	0	400,000	385,000	0	-0	-0	-0	-0
GR	705,000	0	701,200	705,300	697,500	0	695,400	250,000	300,000
GR	694,300	375,000	695,700	345,000	689,500	0	689,500	414,000	415,000
GR	694,700	450,000	694,500	480,000	696,000	0	705,000	400,000	-0
X1	45,000	0	0	0	100,000	100,000	100,000	700	-0
X1	50,000	0	0	0	500,000	500,000	500,000	1,700	-0
BT	5,000	680,000	1200,000	1400,000	1400,000	2000,000	-0	-0	-0
X1	57,000	15,000	232,000	262,000	700,000	700,000	700,000	-1,700	-0
GR	714,400	0	709,400	50,000	703,500	0	701,600	150,000	200,000
GR	701,500	232,000	694,500	244,000	693,800	0	693,800	255,000	262,000
GR	701,800	300,000	701,900	330,000	703,500	350,000	711,100	400,000	450,000
X1	62,000	0	0	0	500,000	500,000	500,000	1,700	-0
X1	65,000	0	0	0	300,000	300,000	300,000	1,600	-0
X1	69,800	14,000	283,000	310,000	480,000	480,000	480,000	-1,600	-0
GR	725,000	0	711,200	100,000	709,100	0	708,700	200,000	250,000
GR	708,800	283,000	699,600	295,000	699,500	0	700,000	305,000	310,000
GR	710,800	350,000	710,600	400,000	722,300	432,000	725,200	450,000	-0
X1	72,800	-0	-0	-0	300,000	300,000	300,000	1,600	-0
X1	75,800	-0	-0	-0	300,000	300,000	300,000	3,400	-0

3265 DIVIDED FLOW .100 CEHVE .100

3265 DIVIDED FLOW

SECNO	DEPTH	CNSL	CRHS	WSELK	FG	MV	HL	OLOSS	BANK ELEV
	ALOB	GCH	CROB	ALOP	JCH	APOR	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	YNCH	XNR	WTN	ELMIN	SSA
SLOPE	XLORL	XLCH	YLOBP	ITRTAL	YOC	ICONT	CORAP	TOPWIN	FANST

7.70	6.60	683.90	0	683.90	684.01	.51	0	0	680.00
1750.	229.	404.	1117.	48.	55.	214.	0	0	681.40
0	0.75	7.36	5.22	.100	.060	.100	0	0	677.50
.0010879	0	0	0	0	0	1	0	0	113.35
									189.45

16.30	8.23	687.33	0	687.33	687.40	.07	2.04	.04	683.10
1750.	577.	567.	594.	474.	210.	440.	14.	4.	683.30
.12	1.33	3.04	1.15	.100	.060	.100	.060	0	679.10
.001231	860.	870.	860.	6	0	1	0	0	292.10
									334.26

16.60	8.29	687.39	0	687.39	687.46	.07	.06	.00	683.10
1750.	579.	561.	510.	442.	222.	450.	15.	4.	683.30
.13	1.31	2.92	1.13	.100	.060	.100	.060	0	679.10
.001164	50.	50.	50.	2	0	1	0	0	203.03
									337.26

SPECIAL BRIDGE

5070 VARIABLE FLOUT DE EICHO DE CADO SR NOT SPECIFIED

SR	PK	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50	10.50
58	XK	XKOK	CDFG	SOLEY	MAC	QPC	RRS.	ARR.	ARR.	ARR.	ARR.
EGMS	EGIMC	H3	MMETH	QPR	RRS.	ARR.	ARR.	ARR.	ARR.	ARR.	ARR.

688.94	687.46	0	1279.	485.	0	680.00	680.20	70.00			
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PRESSURE AND FIP FLOW

17.50	8.91	688.21	0	688.25	688.25	.03	.70	.00	680.00
1750.	611.	510.	421.	612.	234.	655.	17.	5.	683.80
.15	1.00	2.14	.05	.100	.060	.100	.060	0	679.30
.000633	70.	70.	70.	2	0	1	0	0	357.14
									381.20

18.00	8.95	688.25	0	688.28	688.28	.03	.03	.00	680.00
1750.	611.	517.	622.	618.	230.	641.	19.	5.	683.80
.16	.09	2.16	.04	.100	.060	.100	.060	0	679.30
.000616	50.	50.	50.	1	0	1	0	0	357.71
									381.21

3265 DIVIDED FLOW

SECNO	DEPTH	CNSL	CRHS	WSELK	FG	MV	HL	OLOSS	BANK ELEV
	ALOB	GCH	CROB	ALOP	JCH	APOR	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	YNCH	XNR	WTN	ELMIN	SSA

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIG. L-9 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LOW CHORD	DISCHARGE (CFS)	CASEI	T6	EC	TOPWTD	STENCI	STFACR	VCH
7.70	-0	0	677.50	1750.00	683.90	96.59	684.41	113.35	0	0	7.34
7.70	-0	0	677.50	1750.00	684.90	97.15	685.65	62.35	91.00	159.08	7.61
16.30	850.00	0	679.10	1750.00	687.33	499.81	687.40	292.14	0	0	3.04
16.30	850.00	0	679.10	1750.00	688.43	514.09	688.53	145.14	104.00	240.21	3.25
16.80	50.00	0	679.10	1750.00	687.50	512.10	687.44	293.03	0	0	2.98
16.80	50.00	0	679.10	1750.00	688.50	526.51	688.50	147.02	103.30	250.72	3.19
17.50	70.00	0	679.30	1750.00	688.21	695.42	688.25	357.14	0	0	2.18
17.50	70.00	0	679.30	1750.00	689.33	714.45	689.34	198.11	106.13	304.24	2.34
18.00	50.00	0	679.30	1750.00	688.25	708.83	688.28	359.71	0	0	2.15
18.00	50.00	0	679.30	1750.00	689.35	723.57	689.30	199.58	105.54	305.14	2.32
24.50	650.00	0	681.30	1750.00	688.98	172.43	689.40	106.34	0	0	6.74
24.50	650.00	0	681.30	1750.00	689.98	173.09	690.54	67.46	386.00	444.29	7.17
25.00	50.00	0	681.30	1750.00	688.60	47.74	691.30	25.82	0	0	12.98
25.00	50.00	0	681.30	1750.00	689.92	114.07	691.60	28.16	586.00	415.00	10.40
26.00	100.00	694.00	681.90	1750.00	689.90	225.17	691.30	98.17	0	0	4.75
26.00	100.00	696.00	681.90	1750.00	690.90	319.32	691.50	93.59	0	0	3.80
27.00	100.00	0	681.90	1750.00	691.48	504.23	691.54	207.29	0	0	2.55
27.00	100.00	0	681.90	1750.00	691.68	413.95	691.80	99.00	395.33	500.00	3.19
32.00	500.00	0	683.40	1750.00	692.21	389.14	692.33	195.97	0	0	3.05
32.00	500.00	0	683.40	1750.00	692.73	339.11	692.93	93.31	400.00	500.00	3.50
37.00	500.00	0	685.10	1750.00	693.71	207.09	694.15	230.50	0	0	6.54
37.00	500.00	0	685.10	1750.00	694.62	188.21	695.28	61.62	290.00	351.62	7.20
40.00	300.00	0	686.20	1750.00	695.04	283.81	695.70	345.07	0	0	5.11
40.00	300.00	0	686.20	1750.00	696.60	283.54	696.97	85.86	290.00	375.86	5.10
42.00	200.00	0	687.20	1750.00	695.93	125.07	697.50	24.00	0	0	10.35
42.00	200.00	0	687.20	1750.00	697.31	165.24	698.44	24.00	290.00	314.00	6.54
44.00	200.00	0	687.20	1750.00	697.30	275.97	697.82	31.00	0	0	5.97
44.00	200.00	0	687.20	1750.00	698.73	330.96	699.10	31.00	385.00	416.00	4.90
45.00	100.00	0	687.90	1750.00	697.95	778.79	697.98	390.72	0	0	2.04
45.00	100.00	0	687.90	1750.00	699.18	823.88	699.22	194.41	265.04	461.66	2.12
50.00	500.00	0	689.60	1750.00	696.30	484.44	698.38	343.32	0	0	3.02
50.00	500.00	0	689.60	1750.00	699.49	511.52	699.58	150.79	293.00	447.94	3.13
57.00	700.00	0	692.10	1000.00	699.30	60.83	700.98	29.15	0	0	10.40
57.00	700.00	0	692.10	1000.00	700.57	121.16	701.60	30.00	232.00	262.00	6.13
62.00	500.00	0	693.80	1000.00	703.84	283.71	704.02	255.19	0	0	4.11
62.00	500.00	0	693.80	1000.00	704.28	244.11	704.61	84.30	188.89	271.09	4.97

SECTION NUMBER	CHANNEL LENGTH	MIN. EL. ROADWAY	MAX. EL. OF LOD. CHORD	MIN. EL. GROUND	DISCHARGE (CFS)	CASEI	70	EA	TOPDPTD	STENCIL	STENPR	VCU
65.00	300.00	695.00	1000.00	695.00	1000.00	700.72	202.61	705.07	237.76	0	0	5.37
65.00	300.00	695.00	1000.00	695.00	1000.00	705.41	180.08	705.99	41.94	220.04	262.00	6.20
69.80	480.00	697.90	1400.00	697.90	1400.00	708.39	211.48	708.78	213.80	0	0	5.53
69.80	480.00	697.90	1400.00	697.90	1400.00	708.40	169.13	709.11	27.00	283.00	310.00	6.76
72.80	300.00	699.50	1000.00	699.50	1000.00	709.77	192.94	710.20	204.25	0	0	5.90
72.80	300.00	699.50	1000.00	699.50	1000.00	710.34	181.95	711.02	27.00	283.00	310.00	6.20
75.80	300.00	702.90	1000.00	702.90	1000.00	711.70	119.55	712.80	43.41	0	0	6.46
75.80	300.00	702.90	1000.00	702.90	1000.00	712.48	138.90	713.40	27.00	283.00	310.00	7.64
80.00	420.00	707.40	1000.00	707.40	1000.00	710.73	302.01	714.70	326.05	0	0	3.12
80.00	420.00	707.40	1000.00	707.40	1000.00	715.40	262.42	715.52	165.79	177.30	303.13	3.89
83.00	300.00	710.80	1110.00	710.80	1110.00	716.30	74.83	716.80	303.26	0	0	7.33
83.00	300.00	710.80	1110.00	710.80	1110.00	716.70	58.43	718.10	40.00	243.00	281.00	10.14
86.00	300.00	713.20	1110.00	713.20	1110.00	713.08	150.07	719.51	113.97	0	0	4.18
86.00	300.00	713.20	1110.00	713.20	1110.00	720.81	173.73	721.00	107.47	218.79	364.47	4.40
89.50	350.00	710.20	1110.00	710.20	1110.00	721.33	150.39	721.43	234.31	0	0	3.17
89.50	350.00	710.20	1110.00	710.20	1110.00	722.02	155.92	722.50	107.85	100.00	207.85	3.60
92.00	250.00	718.20	1110.00	718.20	1110.00	722.99	117.65	723.11	232.45	0	0	3.70
92.00	250.00	718.20	1110.00	718.20	1110.00	720.01	110.99	720.31	92.72	100.00	193.72	4.78
92.50	50.00	718.60	1110.00	718.60	1110.00	723.44	51.26	724.08	50.00	0	0	8.85
92.50	50.00	718.60	1110.00	718.60	1110.00	724.30	64.95	725.04	50.00	100.00	150.00	6.31
93.50	100.00	719.60	1110.00	719.60	1110.00	727.34	64.05	728.27	28.00	0	0	7.54
93.50	100.00	719.60	1110.00	719.60	1110.00	728.31	182.70	728.71	28.00	212.00	260.00	5.08
95.00	50.00	720.50	1110.00	720.50	1110.00	728.38	71.02	728.30	294.05	0	0	1.34
95.00	50.00	720.50	1110.00	720.50	1110.00	728.77	415.21	728.75	171.57	140.25	335.83	1.60
96.50	150.00	720.50	1110.00	720.50	1110.00	728.81	425.20	728.80	172.00	143.90	334.05	1.62
97.20	70.00	718.00	1110.00	718.00	1110.00	728.65	1215.99	728.65	423.21	0	0	1.05
97.20	70.00	718.00	1110.00	718.00	1110.00	729.02	1074.17	729.02	235.76	172.02	407.78	1.21
97.70	50.00	721.20	1110.00	721.20	1110.00	728.64	421.70	728.64	332.85	0	0	2.37
97.70	50.00	721.20	1110.00	721.20	1110.00	729.04	229.23	729.04	171.09	197.00	368.09	1.88
100.00	230.00	724.60	1400.00	724.60	1400.00	728.93	48.43	729.30	221.04	0	0	8.60
100.00	230.00	724.60	1400.00	724.60	1400.00	729.68	53.91	730.00	70.00	197.00	271.90	9.63
106.00	500.00	731.40	1400.00	731.40	1400.00	734.39	94.46	734.51	143.92	0	0	3.00
106.00	500.00	731.40	1400.00	731.40	1400.00	735.10	117.90	735.28	72.00	27.00	100.00	2.94
112.00	500.00	736.60	1400.00	736.60	1400.00	740.52	33.08	741.50	131.31	0	0	6.10
112.00	500.00	736.60	1400.00	736.60	1400.00	740.60	30.77	741.50	74.00	27.00	100.00	6.72

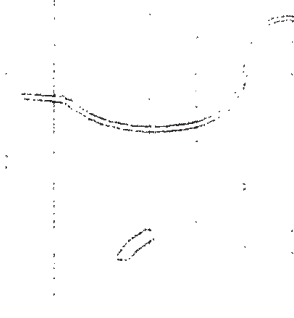
SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	CASEL DIFF EACH SECTION	CASEL-WSFLY	TOPWID	EC	TOP TO B	STENCIL	STYFACE	VCH
118.00	200.00	0	0	707.00	480.00	709.72	0	0	70.20	709.88	140.75	0	0	3.00
118.00	200.00	0	0	707.00	480.00	750.00	0	0	60.50	750.51	71.00	27.00	100.00	3.74
122.00	400.00	0	0	752.60	680.00	758.14	0	0	30.24	759.74	30.09	0	0	11.00
122.00	400.00	0	0	752.60	680.00	758.26	0	0	28.87	760.80	10.00	0	105.00	13.01
127.50	550.00	0	0	760.30	680.00	767.50	0	0	71.77	768.12	41.77	0	0	7.20
127.50	550.00	0	0	760.30	680.00	769.58	0	0	70.11	769.83	17.57	87.43	105.00	5.80
SECTION NUMBER	DISCHARGE CFS	CASEL	CASEL DIFF EACH SECTION	CASEL-WSFLY	TOPWID	I.M. DIFF	LENGTH							
7.700	1750.000	681.000	0	0	113.344	0	0	0	0	0	0	0	0	0
7.700	1750.000	684.000	1.000	0	0	0	50.000	0	0	0	0	0	0	0
15.300	1750.000	687.327	0	0	3.427	0	0	292.130	0	0	0	0	0	0
16.300	1750.000	688.034	1.107	0	3.534	0	0	145.137	0	0	0	0	0	0
16.800	1750.000	687.390	0	0	0.063	0	0	293.430	0	0	0	0	0	0
16.800	1750.000	688.095	1.105	0	0.061	0	0	107.018	0	0	0	0	0	0
17.500	1750.000	688.215	0	0	0.225	0	0	357.130	0	0	0	0	0	0
17.500	1750.000	689.320	1.105	0	0.225	0	0	198.104	0	0	0	0	0	0
18.000	1750.000	688.207	0	0	0.032	0	0	357.708	0	0	0	0	0	0
18.000	1750.000	689.351	1.100	0	0.031	0	0	190.581	0	0	0	0	0	0
24.500	1750.000	688.979	0	0	0.733	0	0	106.340	0	0	0	0	0	0
24.500	1750.000	689.935	0.956	0	0.584	0	0	67.661	0	0	0	0	0	0
25.000	1750.000	688.687	0	0	0.292	0	0	25.817	0	0	0	0	0	0
25.000	1750.000	689.923	1.234	0	0.012	0	0	28.105	0	0	0	0	0	0
26.000	1750.000	689.938	0	0	1.251	0	0	90.172	0	0	0	0	0	0
26.000	1750.000	690.938	1.000	0	1.015	0	0	92.591	0	0	0	0	0	0
27.000	1750.000	691.075	0	0	1.538	0	0	207.288	0	0	0	0	0	0
27.000	1750.000	691.683	0.207	0	1.705	0	0	90.051	0	0	0	0	0	0
32.000	1750.000	692.213	0	0	0.738	0	0	195.907	0	0	0	0	0	0
32.000	1750.000	692.730	0.521	0	1.051	0	0	93.300	0	0	0	0	0	0
37.000	1750.000	693.712	0	0	1.098	0	0	230.547	0	0	0	0	0	0
37.000	1750.000	694.622	0.910	0	1.888	0	0	61.617	0	0	0	0	0	0
40.000	1750.000	695.061	0	0	1.740	0	0	345.067	0	0	0	0	0	0
40.000	1750.000	696.645	1.224	0	2.063	0	0	85.860	0	0	0	0	0	0
42.000	1750.000	695.927	0	0	0.665	0	0	26.000	0	0	0	0	0	0
42.000	1750.000	697.310	1.383	0	0.625	0	0	26.000	0	0	0	0	0	0
44.000	1750.000	697.343	0	0	1.014	0	0	31.000	0	0	0	0	0	0
44.000	1750.000	698.726	1.383	0	1.416	0	0	31.000	0	0	0	0	0	0
45.000	1750.000	697.947	0	0	0.606	0	0	390.710	0	0	0	0	0	0
45.000	1750.000	699.180	1.237	0	0.958	0	0	198.608	0	0	0	0	0	0
50.000	1750.000	698.209	0	0	0.352	0	0	343.323	0	0	0	0	0	0
50.000	1750.000	699.487	1.188	0	0.303	0	0	150.750	0	0	0	0	0	0
57.000	1400.000	699.305	0	0	1.005	0	0	28.140	0	0	0	0	0	0

57,000	1,000,000	700,572	1,267	1,085	0	30,001	21,852	700,000
62,000	1,000,000	703,242	0	4,540	0	255,193	0	500,000
62,000	1,000,000	701,282	437	1,710	0	80,194	170,998	500,000
65,000	1,000,000	704,721	0	874	0	237,357	0	100,000
65,000	1,000,000	705,010	489	1,128	0	41,937	195,420	100,000
69,800	1,000,000	708,389	0	3,668	0	213,795	0	480,000
69,800	1,000,000	708,404	0,014	2,994	0	27,001	164,794	490,000
72,800	1,000,000	709,770	0	1,381	0	206,252	0	100,000
72,800	1,000,000	710,384	615	1,984	0	27,001	170,251	100,000
75,800	1,000,000	711,744	0	1,974	0	43,412	0	100,000
75,800	1,000,000	712,477	733	2,093	0	27,001	14,411	100,000
80,000	1,000,000	714,724	0	2,984	0	129,044	0	420,000
80,000	1,000,000	715,397	669	2,924	0	185,796	183,254	420,000
83,000	1,110,000	716,704	0	1,576	0	302,262	0	100,000
83,000	1,110,000	716,734	432	1,330	0	48,443	251,820	100,000
84,000	1,110,000	719,482	0	3,174	0	313,970	0	100,000
84,000	1,110,000	720,800	1,327	4,073	0	107,671	204,297	100,000
89,500	1,110,000	721,330	0	1,852	0	236,311	0	150,000
89,500	1,110,000	722,415	1,081	1,604	0	107,348	129,963	150,000
92,000	1,110,000	722,978	0	1,644	0	232,442	0	250,000
92,000	1,110,000	724,010	1,032	1,595	0	93,712	138,932	250,000
92,500	1,110,000	724,450	0	461	0	50,000	0	50,000
92,500	1,110,000	724,380	929	3,70	0	50,000	0	50,000
93,500	1,110,000	727,380	0	3,021	0	28,000	0	100,000
93,500	1,110,000	728,310	929	1,921	0	26,001	0	100,000
95,000	1,110,000	728,382	0	1,002	0	290,444	0	50,000
95,000	1,110,000	728,764	383	4,054	0	171,572	120,474	50,000
95,500	1,110,000	728,418	0	934	0	297,180	0	150,000
95,500	1,110,000	728,814	394	940	0	172,062	125,117	150,000
97,200	1,110,000	728,644	0	2,227	0	423,208	0	70,000
97,200	1,110,000	729,042	394	927	0	255,754	187,452	70,000
97,700	1,110,000	728,643	0	2,002	0	332,854	0	50,000
97,700	1,110,000	729,037	394	2,005	0	171,992	160,862	50,000
100,000	1,000,000	728,934	0	2,91	0	221,034	0	230,000
100,000	1,000,000	729,482	748	645	0	70,937	104,101	230,000
106,000	1,000,000	734,390	0	5,454	0	143,923	0	400,000
106,000	1,000,000	735,140	751	5,458	0	73,001	70,922	400,000
112,000	1,000,000	740,520	0	6,140	0	131,304	0	400,000
112,000	1,000,000	740,597	0,068	5,457	0	73,001	50,305	400,000
118,000	1,000,000	749,720	0	0,191	0	140,751	0	400,000
118,000	1,000,000	750,094	374	0,093	0	73,001	67,750	400,000
122,000	1,000,000	758,141	0	8,441	0	30,991	0	400,000
122,000	1,000,000	759,261	101	8,171	0	10,001	20,990	400,000
127,500	1,000,000	767,500	0	9,340	0	41,769	0	550,000

127,500 680,000 769,379 1,879 11,118 17,573 20,196 550,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DIFF
1	0	0	59.885	0
2	4,000	.268	22.952	-36.933



SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIBUTARY L-0-1 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL	MAX EL	DISCHARGE (CFS)	PARSEL	TG	EG	TOP TO D	STENCIL	STENCER	VCH
11.50	50	695.70	1350.00	702.44	111.07	703.10	255.33	0	0	0	7.77
11.50	50	695.70	1350.00	701.90	69.38	704.01	27.72	436.00	460.00	0	11.67
15.00	350.00	697.70	1350.00	705.42	217.00	705.61	260.96	0	0	0	4.50
15.00	350.00	697.70	1350.00	706.74	235.16	706.97	110.91	309.09	460.00	0	4.50
19.00	400.00	700.00	1350.00	707.32	166.56	707.61	260.85	0	0	0	5.58
19.00	400.00	700.00	1350.00	708.30	165.81	708.84	82.51	381.49	460.00	0	6.04
25.00	600.00	702.20	1350.00	710.41	210.72	710.71	200.22	0	0	0	4.78
25.00	600.00	702.20	1350.00	711.49	210.88	711.88	40.00	230.00	270.00	0	5.04
26.00	100.00	702.80	1350.00	710.74	152.47	711.34	40.00	0	0	0	6.31
26.00	100.00	702.80	1350.00	711.69	204.36	712.31	40.00	210.00	270.00	0	5.20
28.50	250.00	705.40	1350.00	714.04	127.15	715.14	20.00	0	0	0	8.50
28.50	250.00	705.40	1350.00	715.10	150.86	716.04	20.00	0	0	0	7.42
29.50	100.00	705.60	1350.00	715.37	421.82	715.40	298.43	0	0	0	1.93
29.50	100.00	705.60	1350.00	716.21	488.52	716.25	132.43	90.00	222.43	0	2.03
32.00	250.00	706.20	1370.00	715.50	525.48	715.54	281.43	0	0	0	2.07
32.00	250.00	706.20	1370.00	716.35	499.15	716.40	120.48	90.00	210.48	0	2.21
36.00	400.00	707.70	1370.00	715.05	134.71	716.31	151.16	0	0	0	7.01
36.00	400.00	707.70	1370.00	716.45	129.94	717.29	21.00	235.00	258.00	0	7.34
38.00	200.00	708.20	1370.00	717.14	210.50	717.42	211.11	0	0	0	4.82
38.00	200.00	708.20	1370.00	718.10	200.81	718.40	48.46	209.34	258.00	0	5.13
39.00	50	708.20	1370.00	716.71	125.00	717.61	21.00	0	0	0	7.59
39.00	50	708.20	1370.00	717.91	154.17	718.58	21.00	235.00	258.00	0	6.51
40.00	100.00	709.40	1370.00	720.07	486.36	720.10	388.96	0	0	0	2.14
40.00	100.00	709.40	1370.00	721.28	515.41	721.33	135.19	210.11	300.30	0	2.20
41.00	100.00	709.40	1370.00	720.11	501.50	720.14	392.02	0	0	0	2.08
41.00	100.00	709.40	1370.00	721.34	530.43	721.39	138.05	213.51	351.56	0	2.15
46.00	500.00	709.40	1370.00	720.42	568.48	720.45	400.85	0	0	0	1.88
46.00	500.00	709.40	1370.00	721.60	598.80	721.64	150.87	209.65	360.52	0	1.91
51.00	500.00	723.40	1370.00	728.71	74.34	729.84	87.28	0	0	0	10.90
51.00	500.00	723.40	1370.00	728.71	68.15	730.43	34.47	128.40	165.11	0	12.22
57.00	600.00	726.00	1310.00	734.70	170.45	735.12	84.24	0	0	0	5.22
57.00	600.00	726.00	1310.00	735.61	180.82	736.04	31.89	130.03	165.92	0	5.54
52.00	500.00	730.50	1110.00	738.31	79.14	738.37	124.47	0	0	0	8.10
52.00	500.00	730.50	1110.00	739.04	72.20	740.07	41.51	118.33	150.84	0	9.60
66.00	400.00	733.00	1110.00	742.04	165.25	742.21	147.20	0	0	0	4.41
66.00	400.00	733.00	1110.00	743.14	175.02	743.37	66.13	108.50	170.63	0	4.58

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	EL OF HYD GROUND	DISCHARGE (CFS)	FWSEL	TO	EG	TORNTD	STENCI	STENCR	VCH
70.00	400.00	700.00	700.00	702.00	1110.00	706.64	61.45	708.02	50.00	0	0	9.32
70.00	400.00	700.00	700.00	702.00	1110.00	706.76	50.45	708.51	30.00	240.00	270.00	10.68
71.00	100.00	700.00	700.00	702.00	1110.00	708.90	120.41	709.58	30.00	0	0	6.60
71.00	100.00	700.00	700.00	702.00	1110.00	709.44	135.41	750.02	30.00	200.00	270.00	5.99
72.00	100.00	700.00	700.00	702.00	1110.00	752.90	161.41	753.04	150.40	0	0	4.50
72.00	100.00	700.00	700.00	702.00	1110.00	753.44	165.42	753.50	61.04	205.00	260.00	5.16
72.50	50.00	700.00	700.00	702.00	1110.00	753.00	190.35	753.50	102.14	0	0	4.16
72.50	50.00	700.00	700.00	702.00	1110.00	753.70	180.90	753.80	67.25	203.21	270.46	4.71
77.00	450.00	700.00	700.00	750.60	970.00	757.47	54.84	758.32	108.71	0	0	10.45
77.00	450.00	700.00	700.00	750.60	970.00	757.95	53.00	759.30	31.05	226.15	257.20	11.70
81.50	450.00	700.00	700.00	756.80	970.00	743.81	114.45	744.02	121.49	0	0	4.79
81.50	450.00	700.00	700.00	756.80	970.00	745.40	111.30	745.77	70.32	90.00	175.70	5.62
86.00	450.00	700.00	700.00	740.30	970.00	767.15	107.84	767.40	110.33	0	0	5.04
86.00	450.00	700.00	700.00	740.30	970.00	748.91	109.34	749.25	78.70	90.00	175.35	5.70
90.00	400.00	700.00	700.00	744.30	970.00	771.27	74.05	772.00	51.09	0	0	7.08
90.00	400.00	700.00	700.00	744.30	970.00	772.28	94.81	772.87	31.00	75.00	106.00	6.14
SECTION NUMBER	DISCHARGE CFS	FWSEL	FWSEL DIFF EACH SECTION	DISCHARGE CFS	FWSEL	TO	EG	TORNTD	STENCI	STENCR	VCH	
11.500	1350.000	702.462	0	11.500	701.897	0	0	0	0	0	0	
11.500	1350.000	701.897	-564	11.500	701.897	0	0	0	0	0	0	
15.000	1350.000	705.424	0	15.000	704.700	0	0	0	0	0	0	
15.000	1350.000	704.700	1321	15.000	704.700	0	0	0	0	0	0	
19.000	1350.000	707.314	0	19.000	708.180	0	0	0	0	0	0	
19.000	1350.000	708.180	1.072	19.000	708.180	0	0	0	0	0	0	
25.000	1350.000	710.413	0	25.000	711.490	0	0	0	0	0	0	
25.000	1350.000	711.490	1.078	25.000	711.490	0	0	0	0	0	0	
26.000	1350.000	710.737	0	26.000	711.490	0	0	0	0	0	0	
26.000	1350.000	711.490	1.140	26.000	711.490	0	0	0	0	0	0	
28.500	1350.000	714.037	0	28.500	715.184	0	0	0	0	0	0	
28.500	1350.000	715.184	1.140	28.500	715.184	0	0	0	0	0	0	
29.500	1350.000	715.368	0	29.500	716.210	0	0	0	0	0	0	
29.500	1350.000	716.210	1.132	29.500	716.210	0	0	0	0	0	0	
32.000	1270.000	715.495	0	32.000	716.350	0	0	0	0	0	0	
32.000	1270.000	716.350	1.558	32.000	716.350	0	0	0	0	0	0	
36.000	1270.000	715.648	0	36.000	716.451	0	0	0	0	0	0	
36.000	1270.000	716.451	1.803	36.000	716.451	0	0	0	0	0	0	
38.000	1270.000	717.161	0	38.000	718.142	0	0	0	0	0	0	
38.000	1270.000	718.142	1.981	38.000	718.142	0	0	0	0	0	0	
39.000	1270.000	716.713	0	39.000	717.924	0	0	0	0	0	0	
39.000	1270.000	717.924	1.210	39.000	717.924	0	0	0	0	0	0	
40.000	1270.000	720.066	0	40.000	720.066	0	0	0	0	0	0	
40.000	1270.000	720.066	3.354	40.000	720.066	0	0	0	0	0	0	

41.000	1270.000	720.134	0	.068	0	392.022	0	100.000
41.000	1270.000	721.342	1.207	.062	0	138.051	253.971	100.000
46.000	1270.000	720.423	0	.289	0	404.454	0	500.000
46.000	1270.000	721.605	1.182	.263	0	150.864	253.985	500.000
51.000	1270.000	728.705	0	8.282	0	87.274	0	500.000
51.000	1270.000	728.709	.004	7.104	0	36.671	50.605	500.000
57.000	1110.000	734.791	0	6.084	0	86.240	0	600.000
57.000	1110.000	735.508	.818	6.900	0	31.890	54.348	600.000
62.000	1110.000	738.308	0	3.517	0	126.667	0	500.000
62.000	1110.000	739.041	.733	3.032	0	41.509	85.158	500.000
66.000	1110.000	742.058	0	3.750	0	147.199	0	400.000
66.000	1110.000	743.165	1.107	4.120	0	66.131	81.068	400.000
70.000	1110.000	746.657	0	4.599	0	54.088	0	400.000
70.000	1110.000	748.757	.100	3.592	0	30.001	24.487	400.000
71.000	1110.000	748.901	0	2.244	0	30.000	0	100.000
71.000	1110.000	749.458	.557	2.701	0	30.000	0	100.000
72.000	1110.000	752.898	0	3.997	0	159.594	0	100.000
72.000	1110.000	753.455	.557	3.997	0	63.941	95.655	100.000
72.500	1110.000	753.088	0	.191	0	162.130	0	50.000
72.500	1110.000	753.698	.610	.204	0	67.247	94.892	50.000
77.000	970.000	757.470	0	4.382	0	103.710	0	450.000
77.000	970.000	757.951	.480	4.252	0	31.040	72.461	450.000
81.500	970.000	763.804	0	6.334	0	123.491	0	450.000
81.500	970.000	765.437	1.631	7.087	0	79.318	42.173	450.000
86.000	970.000	767.152	0	3.345	0	119.334	0	450.000
86.000	970.000	768.808	1.754	3.070	0	78.699	40.635	450.000
90.000	970.000	771.267	0	4.115	0	51.087	0	400.000
90.000	970.000	772.280	1.013	3.373	0	31.001	20.084	400.000

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

1 0 31.500 0
 2 4.000 .128 12.022 -19.487

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIB L-9-1-1, FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LOW CHORD	MIN EL OF GROUND (CFS)	DISCHARGE (CFS)	CASEL	TD	EG	TOPWID	STENCIL	STENCH	VCH
0	0	0	0	723.00	760.00	730.30	283.34	730.30	120.59	0	150	3.28
0	0	0	0	723.00	760.00	731.30	341.47	731.30	57.96	118.98	176.94	2.99
2.00	200.00	0	0	723.00	760.00	729.97	95.98	731.00	10.00	0	0	8.14
2.00	200.00	0	0	723.00	760.00	731.05	115.60	731.81	10.00	142.00	156.00	7.00
5.00	300.00	0	0	728.50	760.00	733.01	130.71	733.32	55.25	0	0	4.48
5.00	300.00	0	0	728.50	760.00	734.09	205.98	734.24	52.01	40.00	100.00	3.20
6.00	100.00	0	0	730.00	760.00	733.27	60.61	734.11	52.77	0	0	7.32
6.00	100.00	0	0	730.00	760.00	734.17	102.08	734.54	50.39	60.00	100.00	5.02
9.00	300.00	0	0	734.60	760.00	737.91	61.09	738.72	52.87	0	0	7.21
9.00	300.00	0	0	734.60	760.00	737.74	51.52	738.70	51.75	40.00	100.00	7.87
13.00	400.00	0	0	740.80	760.00	744.07	60.27	744.91	52.75	0	0	7.34
13.00	400.00	0	0	740.80	760.00	744.25	68.29	744.96	52.54	60.00	100.00	6.74
16.00	300.00	0	0	745.20	760.00	748.74	56.61	750.14	24.86	0	0	9.58
16.00	300.00	0	0	745.20	760.00	748.69	55.46	750.14	24.76	48.00	115.00	9.72
20.00	400.00	0	0	747.30	760.00	752.72	120.00	753.22	31.59	0	0	5.65
20.00	400.00	0	0	747.30	760.00	752.74	120.79	753.24	31.64	68.00	115.00	5.61
25.00	500.00	0	0	750.00	760.00	754.97	102.61	755.50	30.05	0	0	6.32
25.00	500.00	0	0	750.00	760.00	754.94	102.45	755.52	30.46	48.00	115.00	6.31
10.00	500.00	0	0	752.50	760.00	758.04	91.64	759.50	51.41	0	0	7.10
10.00	500.00	0	0	752.50	760.00	758.40	71.00	759.40	22.01	95.00	117.01	8.83
SECTION NUMBER	DISCHARGE CFS	CASEL	CASEL DIFF FACH	CASEL DIFF FACH SECTION	CASEL DIFF FACH SECTION	TOPWID	TOPWID	T.H. DIFF	LENGTH			
0	760.000	730.300	0	0	0	120.584	0	02.430	0	0	0	0
0	760.000	731.300	0	1.000	0	57.957	0	02.430	0	0	0	0
2.000	760.000	729.967	0	0	0	10.000	0	0	200.000	0	0	0
2.000	760.000	731.051	0	1.084	0	10.000	0	0	200.000	0	0	0
5.000	760.000	733.007	0	1.084	0	55.248	0	0	100.000	0	0	0
5.000	760.000	734.091	0	1.084	0	52.011	0	0	100.000	0	0	0
6.000	760.000	733.274	0	0	0	52.709	0	0	100.000	0	0	0
6.000	760.000	734.171	0	0.897	0	52.709	0	0	100.000	0	0	0
9.000	760.000	737.912	0	0	0	52.805	0	0	100.000	0	0	0
9.000	760.000	737.742	0	-0.160	0	51.750	0	1.115	100.000	0	0	0
13.000	760.000	744.074	0	0	0	52.744	0	0	400.000	0	0	0
13.000	760.000	744.251	0	0.178	0	52.541	0	0.201	400.000	0	0	0
16.000	760.000	748.734	0	0	0	26.860	0	0	100.000	0	0	0
16.000	760.000	748.695	0	-0.042	0	24.760	0	0.104	100.000	0	0	0
20.000	760.000	752.721	0	0	0	31.590	0	0	400.000	0	0	0

25.000	760.000	754.965	0	2.200	0	30.447	0	500.000
25.000	760.000	754.963	-0.003	2.221	0	30.460	-0.016	500.000
30.000	760.000	758.042	0	3.077	0	51.408	0	500.000
30.000	760.000	758.000	.402	3.482	0	22.011	29.397	500.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE	FNC	TARGET	AREA-ACRES	TOP WIDTH	TOP WIDTH	AREA-DIFF
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1		0	0	2.888	0		
2		4.000	.363	2.585			-0.303

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 NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY L-9-2,100 YEAR U

CATOF

J1	ICHECK	IND	MINV	TDTR	YSECV	YSECU	STRT	METRIC	WVINS	IRW	CHNTH	WSEL	FG
J2	NPROF	TPLOT	PRFVS	YSECV	YSECU	FN	ALLDC	IRW	CHNTH	WSEL	TPRACE		
	1.000	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
J3	1.000	34.000	3.000	4.000	27.000	26.000	26.000	-0	-0	-0	-0	-0	-0
NC	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	5.000	390.000	480.000	800.000	800.000	10.400	10.400	-0	-0	-0	-0	-0	-0
ET	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
X1	2.500	12.000	247.000	253.000	253.000	-0	-0	-0	-0	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
GR	735.900	150.000	729.500	244.000	244.000	728.100	728.100	725.500	248.000	727.100	727.100	250.000	250.000
GR	725.500	252.000	728.100	253.000	253.000	728.400	728.400	729.500	300.000	729.600	729.600	350.000	350.000
GR	730.300	370.000	733.500	400.000	400.000	-0	-0	-0	-0	-0	-0	-0	-0
SB	-0	1.500	2.500	-0	-0	4.700	4.700	28.300	-0	-0	-0	-0	-0
X1	3.200	-0	-0	-0	-0	70.000	70.000	70.000	70.000	70.000	70.000	300	-0
X2	-0	-0	1.000	725.200	725.200	727.700	727.700	-0	-0	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
BT	11.000	0	730.800	0	0	100.000	100.000	740.500	0	727.700	727.700	150.000	150.000
BT	200.000	724.000	724.000	247.000	247.000	727.700	727.700	722.100	248.000	727.700	727.700	250.000	250.000
BT	727.700	725.200	735.000	727.700	727.700	724.800	724.800	253.000	727.700	727.700	260.000	727.800	727.800
BT	350.000	735.000	735.000	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
X1	3.500	-0	-0	-0	-0	30.000	30.000	30.000	30.000	30.000	30.000	-0	-0
X1	5.500	-0	-0	-0	-0	200.000	200.000	200.000	200.000	200.000	200.000	3.100	-0
X1	7.500	-0	-0	-0	-0	210.000	210.000	210.000	210.000	210.000	210.000	3.200	-0
X1	8.000	-0	-0	-0	-0	40.000	40.000	40.000	40.000	40.000	40.000	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
SB	-0	1.500	2.500	-0	-0	4.700	4.700	28.300	-0	-0	-0	-0	-0
X1	9.000	13.000	147.000	153.000	153.000	100.000	100.000	100.000	100.000	100.000	100.000	-0	-0
X2	-0	-0	1.000	732.500	732.500	735.600	735.600	-0	-0	-0	-0	-0	-0
X3	10.000	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0
BT	11.000	0	745.000	0	0	50.000	50.000	50.000	50.000	50.000	50.000	735.600	735.600
BT	147.000	735.600	729.300	148.000	148.000	735.600	735.600	732.100	150.000	735.600	735.600	152.000	152.000
BT	735.600	732.100	153.000	735.600	735.600	729.300	729.300	730.900	730.900	730.900	250.000	740.500	740.500
BT	300.000	300.000	745.600	0	0	-0	-0	-0	-0	-0	-0	-0	-0
GR	745.000	0	730.600	50.000	50.000	731.500	731.500	100.000	100.000	147.000	729.300	147.000	147.000
GR	726.700	146.000	726.300	150.000	150.000	724.700	724.700	152.000	152.000	153.000	731.600	153.000	153.000
GR	733.900	200.000	745.400	250.000	250.000	745.200	745.200	300.000	300.000	300.000	731.600	300.000	300.000

 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 NORTH CAROLINA
 T2 FLOOD INSURANCE STUDY
 T3 TRIB. L-9-2 FLOORWAY

J1	ICHECK	IMG	MINV	IDIR	STRT	METRIC	HUTNS	D	WSEL	FQ
	-0	5.	-0	-0	-0	-0	-0	-0	729,400	-0

J2	NPROF	TPLOT	PRFS	YSECV	YSECH	IRW	CHNTH	ITRACE
	15,000	-0	-0	-0	-0	-0	-0	-0

SUMMARY-PRINTOUT FOR MULTIPLE PROFILES

TRIB: L-9-2 FLOODWAY

SECTION CHANNEL MIN EL OF MAY EL OF DISCHARGE CWSEL TO EG TOPWTD STENCIL STENCOR VCH
 NUMBER LENGTH ROADWAY LOW CHORD GROUND

2.50	70.00	0	718.50	800.00	727.00	500.00	727.49	157.00	0	2.50	0	1.20
2.50	70.00	0	718.50	800.00	728.00A	500.00	728.40	87.18	0	247.00	334.18	1.32
3.20	70.00	0	718.80	800.00	729.30	1099.27	729.30	204.54	0	0	0	.91
3.20	70.00	0	718.80	800.00	730.30	1200.55	730.30	149.36	0	211.90	361.32	.80
3.50	30.00	0	718.80	800.00	729.30B	1099.03	729.30	204.53	0	0	0	.91
3.50	30.00	0	718.80	800.00	730.30B	1200.51	730.30	149.21	0	212.00	361.27	.80
5.50	200.00	0	721.90	800.00	729.30C	325.06	729.40	192.31	0	0	0	2.30
5.50	200.00	0	721.90	800.00	730.30C	311.75	730.40	80.06	0	247.00	331.97	2.02
7.60	210.00	0	725.10	800.00	730.00	67.06	731.00	141.38	0	0	0	9.00
7.60	210.00	0	725.10	800.00	730.90	53.29	732.20	32.71	0	247.00	279.71	10.22
8.00	00.00	0	725.10	800.00	733.90	30.41	738.10	4.00	0	0	0	16.32
8.00	00.00	0	725.10	800.00	733.90	30.20	738.10	4.00	0	207.00	253.00	16.32
9.00	100.00	0	726.30	800.00	738.00	890.80	738.10	194.00	0	0	0	1.07
9.00	100.00	0	726.30	800.00	738.00	740.56	738.10	113.02	0	69.10	183.11	1.20
9.90	00.00	0	726.30	800.00	738.10	892.90	738.10	185.11	0	0	0	1.04
9.90	00.00	0	726.30	800.00	738.10	743.03	738.10	114.00	0	69.10	183.15	1.20
12.00	210.00	0	728.50	800.00	738.10	410.09	738.10	165.12	0	0	0	1.90
12.00	210.00	0	728.50	800.00	738.10	327.14	738.10	87.00	0	83.50	170.43	2.51
15.00	300.00	0	731.80	800.00	738.25	274.79	738.20	160.51	0	0	0	2.37
15.00	300.00	0	731.80	800.00	738.30	223.25	738.40	74.00	0	45.00	121.00	2.90
17.50	250.00	0	734.40	800.00	738.80	57.68	739.50	103.83	0	0	0	6.50
17.50	250.00	0	734.40	800.00	738.80	50.51	739.50	74.00	0	45.00	121.00	6.00
SECTION NUMBER	DISCHARGE CFS	CWSEL	CASEL DIFF FACTOR	CASEL DIFF EACH SECTION	CASEL DIFF	CWSEL	TOPWTD	T.W. DIFF	LENGTH			
2.500	800.000	727.000	1.000	0	0	157.000	0	55.817	0			
2.500	800.000	728.000	1.000	1.057	0	87.180	0		0			
3.200	800.000	729.350	1.000	1.957	0	204.540	0	97.180	70.000			
3.200	800.000	730.350	1.000	1.957	0	149.350	0		70.000			
3.500	800.000	729.350	1.000	.002	0	204.530	0	97.320	30.000			
3.500	800.000	730.350	1.000	.001	0	149.200	0		30.000			
5.500	800.000	729.300	0	.002	0	192.300	0	107.340	200.000			
5.500	800.000	730.300	.981	-.017	0	80.060	0		200.000			
7.600	800.000	730.000	0	1.091	0	141.380	0	108.670	210.000			
7.600	800.000	730.900	.530	.630	0	32.710	0		210.000			
8.000	800.000	733.900	0	3.510	0	4.000	0	40.000	40.000			
8.000	800.000	733.900	.000	2.980	0	4.000	0	40.000	40.000			
9.000	800.000	738.000	0	4.125	0	165.030	0	100.000	100.000			

9,000	100,000	38,095	0,000	4,124	0	113,921	71,114	100,000
9,900	100,000	73A,102	0	.007	0	185,112	0	90,000
9,900	100,000	73A,105	.003	.011	0	114,015	71,097	90,000
12,000	100,000	73A,11A	0	.017	0	165,124	0	210,000
12,000	100,000	73A,121	.002	.015	0	87,034	7A,089	210,000
15,000	100,000	73A,250	0	.131	0	150,505	0	300,000
15,000	100,000	73A,32A	.076	.205	0	74,001	80,504	300,000
17,500	100,000	73A,861	0	.611	0	103,834	0	250,000
17,500	100,000	73A,853	.004	.527	0	74,001	27,433	250,000

DATA FOR LAST CROSS-SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DTFF
1	0	0	5.694	0
2	0,000	.12A	2.987	-2.700