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

T1 GASTONIA N.C.  
 T2 FLOOD INSURANCE  
 T3 DEPARTS OF 100-YR

J1	ICHECK	INC	QTY	TOTL	QTY	NETWD	QTY	QTY	QTY	QTY	QTY
	0	0	0	0	0	0	0	0	0	0	0
J2	UPRDF	TRLOT	CHVMS	YSECV	YSECV	FC	SLTDC	IP	QTY	TRACE	
	1,000	0	0	0	0	0	0	0	0	0	0
J3	1,000	10,000	1,000	0,000	27,000	24,000	24,000	0	0	0	0
VC	0	0	0	0	0	0	0	0	0	0	0
OT	5,000	440,000	1,000,000	2,000,000	2,400,000	0	0	0	0	0	0
BT	0	0	0	0	10,000	0	0	0	0	0	0
Y1	154,000	25,000	154,000	170,000	250,000	130,000	280,000	0	0	0	0
GR	469,000	0	469,000	100,000	467,700	150,000	450,100	175,000	452,000	200,000	0
GR	651,000	250,000	651,000	100,000	651,000	180,000	651,000	355,000	643,800	364,000	0
GR	643,000	173,000	643,000	379,000	650,100	170,000	650,500	400,000	640,700	450,000	0
GR	651,000	550,000	651,000	540,000	642,500	345,000	651,200	560,000	650,700	450,000	0
GR	650,000	750,000	651,000	713,000	640,100	750,000	640,000	300,000	675,000	450,000	0
Y1	160,700	20,000	160,700	100,000	160,000	100,000	160,000	0	0	0	0
GR	475,000	0	475,000	77,000	467,100	100,000	457,100	150,000	452,600	200,000	0
GR	651,500	300,000	652,100	150,000	651,700	162,000	640,700	178,000	640,100	347,100	0
GR	640,900	100,000	652,000	600,000	651,700	450,000	650,500	500,000	651,200	450,000	0
GR	651,000	600,000	652,000	650,000	652,000	700,000	650,000	350,000	675,000	1,015,000	0
Y1	172,700	17,000	167,000	517,000	260,000	200,000	1,200,000	0	0	0	0
GR	475,000	0	457,100	150,000	465,200	300,000	455,500	250,000	455,200	350,000	0
GR	650,000	100,000	650,700	450,000	652,800	407,000	640,700	405,000	640,800	500,000	0
GR	640,100	507,000	645,200	517,000	650,700	550,000	650,000	600,000	650,500	405,000	0
GR	650,400	100,000	670,500	700,000	0	0	0	0	0	0	0
VC	0	0	0	100	100	0	0	0	0	0	0
OT	5,000	900,000	1,720,000	2,250,000	2,250,000	0	0	0	0	0	0
Y1	170,000	17,000	450,000	491,000	430,000	430,000	430,000	0	0	0	0
GR	670,500	0	460,500	100,000	460,400	150,000	460,000	200,000	462,200	250,000	0
GR	650,500	300,000	650,400	350,000	648,000	400,000	650,200	450,000	657,900	450,000	0
GR	600,500	270,000	625,000	078,000	640,000	400,000	657,000	401,000	657,000	550,000	0
GR	650,000	600,000	662,000	650,000	667,800	750,000	673,000	810,000	0	0	0
VB	100	2,000	1,100	0	24,200	0	200,000	0	0	0	0
Y1	180,800	15,000	145,000	172,000	185,000	185,000	185,000	0	0	0	0
Y2	0	0	1,000	440,800	442,500	0	0	0	0	0	0
OT	5,000	0	475,000	460,800	150,000	440,500	460,800	180,000	462,700	460,800	0
BT	405,000	642,500	660,800	450,000	662,500	460,800	500,000	462,900	460,800	550,000	0
BT	660,000	660,800	700,000	671,200	660,800	766,000	675,000	460,800	0	0	0
GR	675,000	0	669,700	50,000	665,000	90,000	661,500	100,000	657,000	145,000	0
GR	651,700	148,000	647,800	156,000	651,100	166,000	650,100	172,000	650,600	200,000	0
GR	662,700	250,000	662,600	271,000	665,000	330,000	670,000	400,000	675,000	505,000	0

Y1	190,000	13,000	222,000	230	242,000	750,000	1000,000	915,000	0	0	-0
GR	675,000	0	670,000	50,000	662,000	662,000	100,000	659,400	150,000	660,700	200,000
GR	660,800	222,000	654,200	227,000	654,000	654,000	234,000	658,400	242,000	659,000	250,000
GR	659,800	274,000	664,700	300,000	675,000	675,000	412,000	-0	-0	-0	-0
NC	.080	.080	.080	.100	.300	.300	-0	-0	-0	-0	-0
QT	5,000	640,000	1620,000	2100,000	2100,000	2100,000	3650,000	-0	-0	-0	-0

Y1	204,300	15,000	333,000	350	371,000	1475,000	1300,000	1435,000	0	0	-0
GR	675,000	0	670,700	50,000	668,500	668,500	100,000	665,100	150,000	664,600	200,000
GR	664,000	250,000	664,200	300,000	665,500	665,500	333,000	657,000	346,000	656,000	350,000
GR	657,100	357,000	664,600	371,000	663,400	663,400	400,000	664,800	500,000	675,000	480,000
NC	.090	.090	.095	.100	.300	.300	-0	-0	-0	-0	-0

Y1	214,350	13,000	246,000	260	275,000	1005,000	1005,000	1005,000	-0	-0	-0
GR	674,000	10,000	671,000	30,000	667,500	667,500	75,000	666,000	150,000	667,000	225,000
GR	666,400	246,000	660,000	253,000	660,500	660,500	270,000	667,200	275,000	665,600	300,000
GR	666,100	400,000	666,000	530,000	674,500	674,500	650,000	-0	-0	-0	-0

Y1	218,950	15,000	224,000	240	250,000	460,000	460,000	460,000	-0	-0	-0
GR	676,000	20,000	670,000	130,000	668,000	668,000	200,000	669,000	218,000	668,200	225,000
GR	661,500	230,000	661,500	240,000	668,500	668,500	250,000	667,500	300,000	667,500	345,000
GR	666,100	350,000	666,400	365,000	667,500	667,500	370,000	671,000	425,000	675,000	450,000

Y1	221,750	14,000	373,000	385	395,000	260,000	240,000	280,000	-0	-0	-0
GR	676,000	38,000	674,000	45,000	672,000	672,000	55,000	669,200	100,000	670,200	200,000
GR	668,000	300,000	669,400	373,000	663,000	663,000	378,000	662,200	390,000	669,200	395,000
GR	669,500	400,000	668,000	455,000	668,600	668,600	500,000	675,000	360,000	-0	-0

Y1	226,950	20,000	434,000	440	449,000	520,000	520,000	520,000	-0	-0	-0
GR	676,000	60,000	674,000	130,000	672,000	672,000	183,000	671,100	300,000	670,400	400,000
GR	671,200	434,000	665,000	435,000	664,100	664,100	444,000	671,500	448,000	671,400	457,000
GR	669,000	460,000	669,800	470,000	670,600	670,600	500,000	671,500	518,000	674,100	518,000
GR	674,000	707,000	671,300	707,000	668,000	668,000	765,000	666,000	768,000	664,000	771,000
GR	670,200	774,000	671,000	800,000	674,300	674,300	870,000	680,000	903,000	-0	-0
QT	5,000	800,000	1510,000	1950,000	1950,000	1950,000	3200,000	-0	-0	-0	-0

Y1	233,900	15,000	310,000	320	326,000	695,000	695,000	695,000	-0	-0	-0
GR	680,000	40,000	671,300	63,000	671,100	671,100	100,000	671,500	150,000	671,500	200,000
GR	672,300	250,000	673,000	300,000	672,900	672,900	310,000	667,600	311,000	667,800	321,000
GR	672,900	326,000	672,300	348,000	672,000	672,000	375,000	673,500	430,000	680,000	475,000

Y1	242,250	12,000	200,000	210	218,000	835,000	835,000	835,000	-0	-0	-0
GR	684,000	0	682,000	20,000	674,000	674,000	63,000	674,000	150,000	674,900	180,000
GR	674,000	183,000	673,500	200,000	669,600	669,600	204,000	669,500	215,000	674,500	218,000
GR	674,000	250,000	682,300	350,000	-0	-0	-0	-0	-0	-0	-0

Y1	245,750	18,000	361,000	370	381,000	350,000	350,000	350,000	-0	-0	-0
GR	686,000	0	684,000	5,000	682,000	682,000	15,000	680,000	28,000	678,000	38,000
GR	676,000	49,000	676,000	200,000	675,000	675,000	300,000	675,800	350,000	676,500	361,000
GR	670,500	365,000	670,400	373,000	671,000	671,000	340,000	676,300	381,000	675,400	450,000
GR	675,100	500,000	676,000	557,000	686,000	686,000	576,000	-0	-0	-0	-0
NC	.090	.090	.095	-0	-0	-0	-0	-0	-0	-0	-0

Y1	247,000	-0	-0	-0	-0	125,000	125,000	125,000	-0	.500	-0
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Y1	251,450	13,000	480,000	490	500,000	645,000	645,000	645,000	-0	-0	-0
GR	686,000	62,000	684,000	67,000	682,000	682,000	70,000	680,000	50,000	678,000	100,000
GR	678,500	400,000	679,000	480,000	673,500	673,500	445,000	672,500	490,000	679,000	500,000
GR	679,000	540,000	680,500	562,000	685,000	685,000	583,000	-0	-0	-0	-0

Y1	255,100	32,000	490,000	500	515,000	365,000	365,000	365,000	-0	-0	-0
GR	680,800	0	681,500	8,000	678,200	678,200	50,000	678,200	100,000	678,200	142,000
GR	677,800	146,000	679,000	150,000	678,900	678,900	200,000	679,700	250,000	680,000	257,000
GR	678,300	278,000	679,900	281,000	679,900	679,900	300,000	680,400	350,000	680,400	400,000
GR	680,900	450,000	681,100	490,000	675,900	675,900	495,000	675,600	500,000	676,100	505,000

GR	680,200	515,000	680,000	550,000	680,900	600,000	680,400	631,000	680,800	650,000
GR	680,700	700,000	680,600	750,000	680,600	800,000	681,100	850,000	681,600	900,000
GR	682,300	950,000	680,100	1000,000	-0	-0	-0	-0	-0	-0
X1	256,100	-0	-0	-0	100,000	100,000	100,000	-0	1,000	-0
X1	257,100	18,000	645,000	363,000	100,000	100,000	100,000	-0	-0	-0
GR	690,000	0	685,000	80,000	681,800	200,000	683,000	250,000	683,200	300,000
GR	681,000	345,000	677,500	347,000	677,500	350,000	678,200	353,000	682,600	363,000
GR	683,200	400,000	682,100	450,000	681,900	500,000	683,800	550,000	683,000	600,000
GR	683,400	630,000	690,700	650,000	697,800	700,000	-0	-0	-0	-0
X1	258,100	21,000	640,000	460,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	689,500	100,000	687,500	150,000	687,000	200,000	686,000	214,000
GR	683,400	221,000	681,600	250,000	682,400	300,000	683,500	350,000	683,900	400,000
GR	682,300	440,000	674,500	442,000	675,900	450,000	676,600	458,000	684,000	460,000
GR	683,200	500,000	683,300	550,000	683,400	600,000	684,700	650,000	685,400	700,000
GR	688,100	750,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	259,700	26,000	680,000	916,000	160,000	160,000	160,000	-0	-0	-0
GR	690,000	0	684,300	500,000	682,800	550,000	682,900	600,000	681,700	650,000
GR	682,300	700,000	682,500	750,000	682,500	800,000	684,100	850,000	684,700	880,000
GR	678,100	889,000	678,600	900,000	679,000	911,000	684,900	914,000	685,200	950,000
GR	684,200	1000,000	685,800	1050,000	687,100	1100,000	678,800	1150,000	688,300	1200,000
GR	690,300	1250,000	692,200	1300,000	694,700	1350,000	694,800	1380,000	689,800	1385,000
GR	690,200	1400,000	-0	-0	-0	-0	-0	-0	-0	-0
SB	0	1,500	2,500	0	24,000	0	73,600	0	-0	-0
X1	261,150	0	0	0	145,000	145,000	145,000	-0	-0	-0
X2	-0	-0	1,000	683,000	688,000	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	488,000	688,000	-0
BT	10,000	0	691,000	0	400,000	488,000	0	1087,000	688,000	683,000
BT	1095,000	688,000	683,000	1096,000	688,000	683,000	1104,000	688,000	683,000	1105,000
BT	688,000	683,000	1113,000	688,000	683,000	1300,000	689,500	0	1500,000	692,000
BT	0	-0	-0	-0	-0	-0	-0	-0	-0	-0
NC	.090	.090	.045	.100	.300	-0	-0	-0	-0	-0
X1	261,650	11,000	145,000	175,000	50,000	50,000	50,000	-0	-1,600	-0
GR	695,000	85,000	685,500	120,000	686,000	145,000	681,000	155,000	681,000	164,000
GR	690,500	175,000	691,000	275,000	692,000	325,000	692,000	335,000	691,000	346,000
GR	695,000	370,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	262,150	10,000	170,000	392,000	50,000	50,000	50,000	-0	-0	-0
GR	700,000	0	685,000	130,000	685,000	251,000	683,500	280,000	685,000	370,000
GR	679,500	372,000	679,500	390,000	686,000	302,000	689,000	530,000	690,000	540,000
X1	263,150	8,000	409,000	634,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	682,000	370,000	686,000	609,000	679,500	610,000	679,500	632,000
GR	686,500	634,000	688,000	758,000	690,500	768,000	-0	-0	-0	-0
X1	264,150	12,000	463,000	715,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	692,000	598,000	687,500	648,000	684,500	668,000	685,500	683,000
GR	680,500	713,000	688,500	715,000	689,500	748,000	689,500	798,000	688,000	838,000
GR	688,000	688,000	693,000	878,000	-0	-0	-0	-0	-0	-0
X1	265,150	10,000	716,000	743,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	692,500	652,000	685,500	668,000	694,000	680,000	687,000	714,000
GR	680,500	718,000	680,500	742,000	691,000	743,000	691,500	881,000	696,000	890,000
X1	266,150	11,000	193,000	212,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	68,000	697,000	100,000	695,500	100,000	685,000	179,000	684,500	193,000
GR	681,500	194,000	681,500	209,000	688,500	212,000	697,000	400,000	698,500	490,000
GR	700,000	500,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	267,150	9,000	187,000	212,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	30,000	698,000	100,000	685,500	150,000	687,000	187,000	681,500	189,000

GR	681,500	210,000	688,500	212,000	696,000	400,000	700,500	460,000	-0	-0
X1	258,150	7,000	188,000	200 210,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	100,000	687,000	157,000	687,500	188,000	681,500	190,000	681,500	209,000
GR	687,500	210,000	700,000	400,000	-0	-0	-0	-0	-0	-0
NC	.050	.050	.040	.100	.300	-0	-0	-0	-0	-0
X1	268,650	13,000	130,000	150 175,000	50,000	50,000	50,000	-0	-0	-0
GR	700,000	65,000	688,000	130,000	686,000	131,000	685,500	140,000	687,000	145,000
GR	687,000	158,000	681,500	160,000	681,500	170,000	687,700	175,000	690,000	178,000
GR	691,200	208,000	690,800	212,000	700,000	330,000	-0	-0	-0	-0
X1	279,000	14,000	113,000	125 136,000	1035,000	1035,000	1035,000	0	0	-0
GR	703,700	0	702,000	35,000	693,500	64,000	691,600	100,000	690,600	113,000
GR	686,100	117,000	685,800	123,000	686,500	127,000	690,600	136,000	697,100	150,000
GR	697,800	200,000	698,000	217,000	703,200	250,000	709,400	300,000	-0	-0
X1	260,000	0	0	0	100,000	100,000	100,000	1,000	0	-0
SH	1,250	2,000	2,500	0	28,800	1,200	190,000	0	0	0
X1	281,000	0	0	0	100,000	100,000	100,000	1,000	-0	-0
X2	0	0	1,000	0	0	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	703,500	703,500	-0
BT	7,000	0	712,700	695,600	200,000	705,400	695,600	250,000	704,000	695,600
BT	300,000	703,500	695,600	450,000	704,000	695,600	600,000	710,100	695,600	700,000
BT	714,700	695,600	-0	-0	-0	-0	-0	-0	-0	-0
NC	.045	.045	.021	.100	.300	-0	-0	-0	-0	-0
BT	5,000	720,000	1340,000	1700,000	1700,000	2500,000	-0	-0	-0	-0
X1	262,200	18,000	166,500	175 183,500	113,000	113,000	113,000	0	0	-0
BT	10,000	166,500	706,000	695,000	187,000	706,000	697,500	168,000	706,000	699,500
BT	172,500	706,000	702,700	175,000	706,000	703,000	177,500	706,000	702,700	180,000
BT	706,000	701,500	181,500	706,000	700,000	183,000	706,000	697,500	183,500	706,000
BT	695,000	-0	-0	-0	-0	-0	-0	-0	-0	-0
GR	702,500	0	701,700	50,000	702,000	130,000	695,000	164,500	691,500	167,000
GR	689,700	148,000	687,700	170,000	686,500	172,500	686,000	175,000	686,500	177,500
GR	687,500	180,000	689,000	181,500	691,500	183,000	695,000	183,500	706,000	180,000
GR	707,400	230,000	707,400	300,000	710,000	350,000	-0	-0	-0	-0
X1	283,700	17,000	166,500	175 183,500	150,000	150,000	150,000	0	0	-0
BT	8,000	167,500	706,800	695,000	168,500	706,800	698,000	171,000	706,800	700,700
BT	175,000	706,600	701,900	177,500	706,800	701,500	180,000	706,800	700,000	182,000
BT	706,800	697,000	182,500	706,800	694,000	-0	-0	-0	-0	-0
GR	703,300	0	702,500	50,000	702,800	130,000	695,800	166,500	706,800	167,500
GR	695,000	167,600	690,700	188,500	688,100	171,000	687,000	175,000	687,400	177,500
GR	688,800	180,000	691,600	182,000	694,000	182,500	706,800	183,500	708,200	229,000
GR	708,200	300,000	710,800	350,000	-0	-0	-0	-0	-0	-0
X1	292,200	15,000	152,500	175 167,500	858,000	858,000	858,000	0	0	-0
BT	8,000	152,500	707,700	700,000	153,500	707,700	703,000	156,000	707,700	705,700
BT	160,000	707,700	706,900	162,500	707,700	706,400	165,000	707,700	705,000	167,000
BT	707,700	702,000	167,500	707,700	699,000	-0	-0	-0	-0	-0
GR	709,300	0	708,300	100,000	707,700	152,400	700,000	152,500	695,300	153,500
GR	693,100	156,000	692,000	160,000	692,300	162,500	694,300	165,000	696,700	167,000
GR	699,000	167,500	707,700	167,600	707,700	265,000	721,500	300,000	725,000	308,000
NC	.050	.050	.040	.100	.300	-0	-0	-0	-0	-0
BT	5,000	700,000	1280,000	1600,000	1600,000	2300,000	-0	-0	-0	-0
X1	292,300	9,000	150,000	175 184,000	5,000	5,000	5,000	0	0	-0
GR	709,300	0	708,300	100,000	707,500	135,000	699,000	150,000	692,300	160,000
GR	699,500	186,000	698,000	200,000	698,000	235,000	725,000	308,000	-0	-0
X1	297,300	20,000	802,000	815 831,000	500,000	500,000	500,000	0	0	-0
GR	720,000	60,000	715,000	90,000	715,000	150,000	710,400	200,000	706,800	250,000
GR	704,500	350,000	704,900	450,000	704,600	500,000	705,400	550,000	705,600	650,000
GR	705,300	700,000	704,800	760,000	700,800	780,000	699,500	802,000	695,100	815,000

GR	694,500	820,000	694,400	824,000	700,400	831,000	714,100	900,000	721,500	858,000
X1	300,000	-0	-0	-0	270,000	270,000	270,000	-0	-0	-0
X1	303,000	-0	-0	-0	300,000	300,000	300,000	-0	1,500	-0
X1	306,000	-0	-0	-0	300,000	300,000	300,000	-0	1,500	-0
X1	310,000	12,000	79,000	85 95,000	400,000	400,000	400,000	-0	-0	-0
GR	719,600	0	718,300	20,000	710,100	45,000	705,500	70,000	702,100	84,000
GR	701,400	87,000	700,900	94,000	702,900	95,000	707,300	105,000	707,700	120,000
GR	715,000	150,000	725,000	182,000	-0	-0	-0	-0	-0	-0
(Y) X1	311,000	0	0	0	100,000	100,000	100,000	1,000	0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	725,000	725,000	-0
SB	1,250	2,040	2,700	900,000	17,200	400	140,000	0	0	0
X1	317,000	0	0	0	600,000	600,000	600,000	1,000	0	-0
X2	0	0	1,000	0	0	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	725,000	725,000	-0
NC	0.050	0.050	0.040	0.100	0.300	-0	-0	-0	-0	-0
QT	5,000	0.50,000	1150,000	1350,000	1350,000	1740,000	-0	-0	-0	-0
X1	319,500	14,000	300,000	360 445,000	250,000	250,000	250,000	-0	-0	-0
GR	725,000	0	715,000	100,000	715,200	150,000	714,500	200,000	714,200	250,000
GR	713,600	300,000	713,000	150,000	711,300	432,000	705,800	418,000	705,300	423,000
GR	705,600	426,000	711,200	435,000	712,200	445,000	740,500	505,000	-0	-0
X1	322,000	-0	-0	-0	250,000	250,000	250,000	-0	2,500	-0
X1	326,000	-0	-0	-0	400,000	400,000	400,000	-0	0,100	-0
X1	329,000	-0	-0	-0	300,000	300,000	300,000	-0	3,000	-0
X1	332,400	11,000	250,000	250 270,000	340,000	340,000	340,000	0	0	-0
GR	750,000	0	735,800	100,000	725,000	200,000	723,800	250,000	718,700	254,000
GR	718,300	243,000	718,800	268,000	724,200	270,000	732,700	325,000	732,100	361,000
GR	750,000	600,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	335,000	-0	-0	-0	260,000	260,000	260,000	-0	2,800	-0
X1	337,600	10,000	107,000	130 160,000	260,000	260,000	260,000	0	0	-0
GR	757,000	0	727,200	50,000	739,400	107,000	726,300	135,000	724,000	136,000
GR	724,500	140,000	726,700	105,000	727,700	150,000	736,500	160,000	739,700	198,000
X1	342,400	0	0	0	480,000	480,000	480,000	1,000	0	-0
SB	1,000	2,000	3,000	700,000	8,200	0	72,000	0	0	0
X1	343,000	0	0	0	120,000	120,000	120,000	1,000	0	-0
X2	0	0	1,000	0	0	-0	-0	-0	-0	-0
X1	346,300	-0	-0	-0	70,000	70,000	70,000	-0	-0	-0
X1	345,000	10,000	61,000	85 105,000	70,000	70,000	70,000	0	0	-0
GR	745,700	0	740,000	27,000	738,500	45,000	736,400	81,000	730,000	80,000
GR	729,400	93,000	730,400	97,000	734,400	100,000	737,800	105,000	750,000	220,000
QT	5,000	375,000	660,000	780,000	780,000	1000,000	-0	-0	-0	-0
X1	350,000	12,000	330,000	365,000	100,000	100,000	100,000	-0	-0	-0
GR	755,000	0	750,000	100,000	746,500	200,000	745,000	250,000	742,700	300,000
GR	743,000	330,000	735,700	346,000	735,600	350,000	735,800	354,000	744,000	365,000
GR	750,600	400,000	755,000	460,000	-0	-0	-0	-0	-0	-0
X1	350,500	-0	-0	-0	50,000	50,000	50,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	742,800	742,800	-0
SB	0	1,500	2,500	0	8,000	0	56,000	0	0	0





SUMMARY PRINTOUT FOR MULTIPLE PROFILES

DUHARTS CREEK FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	EQ	TOPWID	STENCL	STENCR	VCH
156.80	280.00	0	0	643.30	2400.00	653.16	539.09	653.24	525.57	0	0	3.50
156.80	280.00	0	0	643.30	2400.00	654.20	542.30	654.31	241.44	347.57	589.21	3.79
160.70	390.00	0	0	644.30	2400.00	653.91	548.04	654.01	750.57	0	0	3.57
160.70	390.00	0	0	644.30	2400.00	654.93	548.83	655.08	228.33	324.51	552.84	3.92
172.70	1200.00	0	0	646.80	2400.00	656.75	348.61	656.99	523.17	0	0	5.51
172.70	1200.00	0	0	646.80	2400.00	657.79	351.75	658.15	179.62	354.10	533.72	6.01
179.00	630.00	0	0	648.40	2250.00	659.60	334.53	659.90	310.42	0	0	5.70
179.00	630.00	0	0	648.40	2250.00	660.60	333.95	661.09	91.47	438.26	529.73	6.24
180.80	185.00	0	0	647.80	2250.00	662.80	475.40	663.10	179.53	0	0	5.07
180.80	185.00	0	0	647.80	2250.00	663.80	499.52	664.13	63.26	130.58	193.84	5.10
190.00	915.00	0	0	654.00	2250.00	664.70	548.67	664.82	214.96	0	0	3.82
190.00	915.00	0	0	654.00	2250.00	665.61	551.96	665.75	127.60	131.55	259.15	4.05
204.30	1435.00	0	0	656.00	2100.00	666.98	542.33	667.07	394.70	0	0	3.32
204.30	1435.00	0	0	656.00	2100.00	667.89	540.12	668.02	187.42	239.22	426.64	3.61
214.35	1005.00	0	0	660.00	2100.00	668.41	566.72	668.52	498.11	0	0	3.90
214.35	1005.00	0	0	660.00	2100.00	669.38	544.82	669.58	184.61	246.00	432.61	4.19
218.95	460.00	0	0	661.50	2100.00	669.27	718.19	670.04	241.07	0	0	8.79
218.95	460.00	0	0	661.50	2100.00	670.04	194.67	671.37	77.89	226.00	303.89	10.30
221.75	280.00	0	0	662.90	2100.00	671.13	422.01	671.30	454.71	0	0	4.97
221.75	280.00	0	0	662.90	2100.00	672.39	476.18	672.58	192.00	253.42	445.42	4.94
226.95	520.00	0	0	664.10	2100.00	672.60	375.51	672.74	478.19	0	0	4.70
226.95	520.00	0	0	664.10	2100.00	673.64	360.47	673.87	184.81	376.80	750.60	5.25
233.90	695.00	0	0	667.60	1950.00	674.57	397.09	674.64	383.02	0	0	4.20
233.90	695.00	0	0	667.60	1950.00	675.64	407.17	675.77	221.41	127.96	349.38	4.59
242.25	835.00	0	0	669.50	1950.00	676.94	312.86	677.24	234.43	0	0	6.22
242.25	835.00	0	0	669.50	1950.00	677.92	307.63	678.34	118.86	108.84	227.71	6.94
245.75	350.00	0	0	670.40	1950.00	677.97	510.25	678.04	522.55	0	0	3.60
245.75	350.00	0	0	670.40	1950.00	679.04	526.98	679.14	257.28	213.57	470.85	3.85
247.00	125.00	0	0	670.90	1950.00	678.17	372.21	678.36	520.36	0	0	4.79
247.00	125.00	0	0	670.90	1950.00	679.20	374.54	679.40	229.97	207.36	436.33	5.23
251.45	445.00	0	0	672.50	1950.00	679.95	224.72	680.25	473.33	0	0	7.09
251.45	445.00	0	0	672.50	1950.00	680.92	209.86	681.48	179.97	320.03	500.00	8.18
255.10	365.00	0	0	675.60	1950.00	681.56	415.59	681.63	888.85	0	0	3.79
255.10	365.00	0	0	675.60	1950.00	682.73	445.87	682.81	368.96	146.04	515.00	3.91
256.10	100.00	0	0	676.60	1950.00	681.83	222.20	682.05	710.79	0	0	6.30
256.10	100.00	0	0	676.60	1950.00	682.87	226.11	683.24	320.23	194.77	515.00	7.01



GR 680,900 450,000 681,100 490,000 675,900 495,000 675,600 500,000 676,100 505,000

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWTD	STENCIL	STPNCR	VCH
257.10	100.00	0	0	677.50	1950.00	683.88	170.26	684.41	500.18	0 255	0	9.11
257.10	100.00	0	0	677.50	1950.00	684.62	155.16	685.79	132.87	307.25	447.12	11.33
258.10	100.00	0	0	674.50	1950.00	684.74	317.14	685.06	432.97	0 450	0	6.10
258.10	100.00	0	0	674.50	1950.00	686.10	358.32	686.45	170.23	298.80	478.03	5.97
259.70	160.00	0	0	678.10	1950.00	685.32	584.57	685.38	697.05	0 200	0	3.18
259.70	160.00	0	0	678.10	1950.00	686.64	650.18	686.72	270.41	641.59	916.00	3.20
261.15	145.00	0	0	678.10	1950.00	688.67	2357.55	688.67	1093.02	0	0	1.08
261.15	145.00	0	0	678.10	1950.00	689.98	2545.72	689.98	550.24	502.16	1061.40	1.09
261.65	50.00	0	0	679.40	1950.00	688.09	251.67	688.90	60.66	0 260	0	8.12
261.65	50.00	0	0	679.40	1950.00	689.19	256.82	690.35	30.02	144.98	175.00	8.64
262.15	50.00	0	0	679.50	1950.00	689.00	764.96	689.09	435.47	0 380	0	2.92
262.15	50.00	0	0	679.50	1950.00	690.47	824.17	690.52	193.35	198.65	392.00	2.73
263.15	100.00	0	0	679.50	1950.00	689.12	1120.38	689.18	538.75	0 220	0	1.98
263.15	100.00	0	0	679.50	1950.00	690.54	1217.54	690.54	264.82	369.18	634.00	1.87
264.15	100.00	0	0	680.50	1950.00	688.46	189.66	689.55	120.84	0 700	0	9.18
264.15	100.00	0	0	680.50	1950.00	689.71	203.07	691.02	32.00	683.00	715.00	9.20
265.15	100.00	0	0	680.50	1950.00	689.31	247.01	690.35	52.83	0 250	0	8.31
265.15	100.00	0	0	680.50	1950.00	690.88	291.15	691.70	24.99	716.00	743.00	7.26
266.15	100.00	0	0	681.50	1950.00	689.93	200.36	691.12	82.05	0 200	0	9.87
266.15	100.00	0	0	681.50	1950.00	690.95	190.53	692.57	20.03	187.97	212.00	10.55
267.15	100.00	0	0	681.50	1950.00	691.25	404.12	691.61	150.05	0 200	0	5.71
267.15	100.00	0	0	681.50	1950.00	692.67	404.45	693.11	40.39	162.61	212.00	5.81
268.15	100.00	0	0	681.50	1950.00	691.42	341.94	691.93	131.97	0 200	0	6.67
268.15	100.00	0	0	681.50	1950.00	692.82	374.01	693.40	47.07	168.90	214.02	6.64
268.65	50.00	0	0	681.50	1950.00	691.50	363.29	692.10	97.55	0 200	0	6.10
268.65	50.00	0	0	681.50	1950.00	693.07	451.14	693.52	45.00	130.00	175.00	5.41
279.00	1035.00	0	0	685.80	1950.00	695.15	282.50	695.90	80.74	0 125	0	8.15
279.00	1035.00	0	0	685.80	1950.00	695.70	240.63	696.97	33.48	102.52	136.00	9.44
280.00	100.00	0	0	685.80	1950.00	695.78	347.87	696.30	84.37	0	0	7.02
280.00	100.00	0	0	685.80	1950.00	696.69	332.51	697.47	39.03	96.97	136.00	7.55
281.00	100.00	0	0	685.80	1950.00	697.93	288.35	699.11	23.00	0	0	8.71
281.00	100.00	0	0	685.80	1950.00	698.85	323.85	699.83	23.00	113.00	136.00	7.94
282.20	113.00	706.00	703.00	686.00	1700.00	697.98	378.23	699.57	32.70	0 175	0	10.13
282.20	113.00	706.00	703.00	686.00	1700.00	698.87	394.79	700.20	17.00	166.50	183.50	9.39
283.70	150.00	706.80	701.90	687.00	1700.00	697.84	235.49	700.20	24.14	0 175	0	12.61
283.70	150.00	706.80	701.90	687.00	1700.00	698.73	234.02	700.92	15.57	166.50	183.50	11.88

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	TQ	EG	TOPWID	STENCIL	STENCOR	VCH
292.20	858.00	707.70	704.90	692.00	1700.00	701.64	238.94	704.96	15.05	0	0	14.62
292.20	858.00	707.70	704.90	692.00	1700.00	702.58	251.86	705.28	15.00	152.50	167.50	13.20
292.30	5.00	0	0	692.30	1600.00	705.21	968.52	705.29	115.46	0	0	2.59
292.30	5.00	0	0	692.30	1600.00	705.43	784.49	705.54	72.54	150.00	222.54	2.93
297.30	500.00	0	0	694.50	1600.00	705.35	575.45	705.54	397.81	0	0	4.15
297.30	500.00	0	0	694.50	1600.00	705.62	462.76	705.93	47.78	783.22	831.00	4.76
300.00	270.00	0	0	694.50	1600.00	705.58	632.24	705.72	538.40	0	0	3.84
300.00	270.00	0	0	694.50	1600.00	705.98	526.00	706.22	54.93	776.07	831.00	4.27
303.00	300.00	0	0	696.00	1600.00	705.71	401.79	706.08	87.26	0	0	5.42
303.00	300.00	0	0	696.00	1600.00	706.16	336.15	706.73	35.23	795.77	831.00	6.19
306.00	300.00	0	0	697.50	1600.00	706.18	294.45	706.70	74.96	0	0	6.73
306.00	300.00	0	0	697.50	1600.00	706.82	257.84	707.70	29.00	802.00	831.00	7.50
310.00	400.00	0	0	700.90	1600.00	708.67	168.36	710.21	68.46	0	0	11.25
310.00	400.00	0	0	700.90	1600.00	708.42	117.47	711.43	19.22	79.00	98.22	14.24
311.00	100.00	0	0	700.90	1600.00	708.88	120.12	712.30	14.00	0	0	14.84
311.00	100.00	0	0	700.90	1600.00	710.69	164.12	712.81	15.00	79.00	95.00	11.70
317.00	600.00	0	0	700.90	1600.00	710.35	160.78	712.65	14.00	0	0	12.18
317.00	600.00	0	0	700.90	1600.00	711.35	189.76	713.18	14.00	0	0	10.84
319.50	250.00	0	0	705.30	1350.00	714.11	221.55	714.35	191.82	0	0	3.93
319.50	250.00	0	0	705.30	1350.00	714.28	244.93	714.40	145.00	300.00	445.00	3.71
322.00	250.00	0	0	707.80	1350.00	715.39	104.24	716.22	92.47	0	0	7.33
322.00	250.00	0	0	707.80	1350.00	715.31	101.35	716.22	88.22	300.00	445.00	7.60
326.00	400.00	0	0	711.90	1350.00	720.25	152.31	720.63	152.17	0	0	4.93
326.00	400.00	0	0	711.90	1350.00	720.28	154.89	720.65	145.00	300.00	445.00	4.85
329.00	300.00	0	0	714.90	1350.00	722.94	127.70	723.47	125.54	0	0	5.84
329.00	300.00	0	0	714.90	1350.00	722.90	125.17	723.45	119.76	300.00	445.00	5.98
332.40	340.00	0	0	718.30	1350.00	725.76	147.96	726.91	87.17	0	0	9.41
332.40	340.00	0	0	718.30	1350.00	726.00	122.23	727.91	20.00	250.00	270.00	11.07
335.00	240.00	0	0	721.10	1350.00	728.52	145.02	729.71	84.50	0	0	9.56
335.00	260.00	0	0	721.10	1350.00	729.14	132.28	730.85	20.00	250.00	270.00	10.51
337.60	260.00	0	0	724.00	1350.00	731.30	90.16	733.35	29.79	0	0	11.48
337.60	260.00	0	0	724.00	1350.00	732.24	134.54	733.55	32.87	107.00	160.00	9.19
342.40	480.00	0	0	724.00	1350.00	735.33	297.77	735.74	42.98	0	0	5.11
342.40	480.00	0	0	724.00	1350.00	735.18	287.80	735.60	42.98	107.00	160.00	5.24
343.60	120.00	0	0	724.00	1350.00	735.60	315.66	735.97	42.86	0	0	4.89
343.60	120.00	0	0	724.00	1350.00	735.45	305.36	735.84	42.36	107.00	160.00	5.02

SECTION NUMBER	CHANNEL MIN EL	MAX EL	DISCHARGE	CWSEL	TO	EG	TOPWD	STENCIL	VCH
344.30	70.00	720.00	1350.00	735.70	120.96	736.10	40.31	160.00	4.70
344.30	70.00	720.00	1350.00	735.60	115.42	735.97	47.86	107.00	4.90
345.00	70.00	729.00	1350.00	737.00	112.51	739.41	41.39	105.00	11.35
345.00	70.00	729.00	1350.00	737.07	97.39	739.48	22.03	105.00	12.45
345.00	100.00	735.60	780.00	740.47	57.29	742.07	24.59	365.00	10.13
345.00	100.00	735.60	780.00	740.47	57.29	742.07	24.59	365.00	10.13
350.50	50.00	735.60	780.00	741.92	101.10	742.60	29.02	350.00	6.65
350.50	50.00	735.60	780.00	741.92	101.20	742.60	29.04	350.00	6.65
351.00	50.00	735.60	780.00	740.47	83.06	746.47	8.00	350.00	11.20
351.00	50.00	735.60	780.00	740.47	66.48	746.47	8.00	350.00	11.20
351.30	30.00	735.00	780.00	746.57	382.02	746.66	155.09	350.00	2.60
351.30	30.00	735.00	780.00	746.57	295.95	746.67	41.29	350.00	3.24
355.50	420.00	740.00	680.00	746.10	56.33	747.52	18.37	215.00	9.55
355.50	420.00	740.00	680.00	746.50	60.37	747.64	19.15	215.00	8.64
359.00	350.00	752.00	680.00	757.67	47.09	759.44	17.00	215.00	10.85
359.00	350.00	752.00	680.00	757.67	47.50	759.44	17.00	215.00	10.85
363.00	400.00	746.20	680.00	771.00	47.40	773.24	17.05	215.00	10.82
363.00	400.00	746.20	680.00	771.00	47.40	773.24	17.05	215.00	10.82
367.50	450.00	781.90	680.00	786.25	60.99	786.87	19.34	211.00	7.57
367.50	450.00	781.90	680.00	786.78	49.43	788.00	21.00	211.00	10.22
SECTION NUMBER	DISCHARGE	CWSEL	CWSEL DIFF	TOPWD	EG	TOPWD	STENCIL	LENGTH	
156.800	2000.000	452.165	0	425.570	0	425.570	0	280.000	280.000
156.800	2000.000	450.200	1.035	201.400	0	201.400	0	280.000	280.000
160.700	2000.000	457.915	0	750.568	0	750.568	0	190.000	190.000
160.700	2000.000	450.930	1.010	229.327	0	229.327	0	190.000	190.000
172.700	2000.000	456.740	0	523.170	0	523.170	0	1200.000	1200.000
172.700	2000.000	457.787	1.038	170.422	0	170.422	0	1200.000	1200.000
179.000	2250.000	450.590	0	210.418	0	210.418	0	430.000	430.000
179.000	2250.000	450.590	0	91.067	0	91.067	0	430.000	430.000
180.500	2250.000	462.801	0	170.520	0	170.520	0	185.000	185.000
180.500	2250.000	462.790	0.097	63.267	0	63.267	0	185.000	185.000
190.000	2250.000	460.700	0	216.954	0	216.954	0	015.000	015.000
190.000	2250.000	465.406	0.902	127.607	0	127.607	0	015.000	015.000
200.300	2100.000	466.881	0	290.701	0	290.701	0	1035.000	1035.000
200.300	2100.000	467.892	0.011	187.010	0	187.010	0	1035.000	1035.000
210.350	2100.000	468.010	0	098.110	0	098.110	0	1005.000	1005.000
210.350	2100.000	468.375	0.065	185.604	0	185.604	0	1005.000	1005.000
218.950	2100.000	460.265	0	201.970	0	201.970	0	060.000	060.000
218.950	2100.000	470.040	0.775	77.884	0	77.884	0	060.000	060.000
221.750	2100.000	471.132	0	050.707	0	050.707	0	280.000	280.000

221,750	2100,000	672,389	1,237	2,349	0	192,000	762,703	280,000
226,950	2100,000	672,605	0	1,473	0	078,187	0	520,000
226,950	2100,000	673,659	1,055	1,271	0	184,405	293,382	520,000
233,900	1950,000	674,564	0	1,962	0	383,022	0	495,000
233,900	1950,000	675,640	1,074	1,980	0	221,015	161,607	495,000
242,250	1950,000	676,958	0	2,392	0	238,031	0	835,000
242,250	1950,000	677,923	.965	2,283	0	118,865	119,567	835,000
245,750	1950,000	677,966	0	1,008	0	522,546	0	350,000
245,750	1950,000	679,036	1,070	1,113	0	257,277	265,269	350,000
247,000	1950,000	678,169	0	.203	0	520,355	0	125,000
247,000	1950,000	679,201	1,032	.165	0	228,968	291,387	125,000
251,450	1950,000	679,945	0	1,774	0	473,320	0	445,000
251,450	1950,000	680,918	.973	1,717	0	179,972	293,357	445,000
255,100	1950,000	681,560	0	1,619	0	888,851	0	365,000
255,100	1950,000	682,725	1,161	1,807	0	368,959	519,892	365,000
256,100	1950,000	681,825	0	.261	0	710,788	0	100,000
256,100	1950,000	682,873	1,048	.148	0	320,233	390,556	100,000
257,100	1950,000	683,877	0	2,052	0	509,180	0	100,000
257,100	1950,000	684,615	.739	1,742	0	139,865	369,315	100,000
258,100	1950,000	684,740	0	.863	0	432,972	0	100,000
258,100	1950,000	686,101	1,361	1,484	0	179,220	253,743	100,000
259,700	1950,000	685,320	0	.580	0	697,052	0	160,000
259,700	1950,000	686,634	1,316	.535	0	274,410	022,641	160,000
261,150	1950,000	688,660	0	3,349	0	1093,017	0	145,000
261,150	1950,000	689,985	1,316	3,349	0	559,241	533,775	145,000
261,650	1950,000	688,088	0	-.581	0	69,662	0	50,000
261,650	1950,000	689,168	1,100	-.797	0	30,020	39,638	50,000
262,150	1950,000	689,040	0	.952	0	435,070	0	50,000
262,150	1950,000	690,468	1,427	1,280	0	193,345	202,129	50,000
263,150	1950,000	689,116	0	.076	0	538,750	0	100,000
263,150	1950,000	690,538	1,422	.070	0	264,822	273,928	100,000
264,150	1950,000	688,457	0	-.660	0	120,857	0	100,000
264,150	1950,000	689,710	1,253	-.828	0	32,001	88,834	100,000
265,150	1950,000	689,312	0	.855	0	52,826	0	100,000
265,150	1950,000	690,877	1,565	1,168	0	26,988	25,838	100,000
266,150	1950,000	689,933	0	.620	0	83,047	0	100,000
266,150	1950,000	690,946	1,013	.069	0	24,024	59,021	100,000
267,150	1950,000	691,249	0	1,316	0	154,040	0	100,000
267,150	1950,000	692,667	1,418	1,721	0	49,384	104,663	100,000
268,150	1950,000	691,418	0	.169	0	131,973	0	100,000
268,150	1950,000	692,817	1,400	.150	0	47,073	84,900	100,000
268,650	1950,000	691,539	0	.121	0	97,545	0	50,000
268,650	1950,000	693,067	1,528	.250	0	45,001	52,540	50,000
279,000	1950,000	695,154	0	3,615	0	80,743	0	1035,000

279,000	1950,000	695,702	.54A	2.635	0	33,480	47,263	1035,000
280,000	1950,000	695,775	0	.621	0	86,372	0	100,000
280,000	1950,000	696,689	.914	.987	0	39,029	47,345	100,000
281,000	1950,000	697,934	0	2.15A	0	23,000	0	100,000
281,000	1950,000	698,847	.914	2.15A	0	23,000	0	100,000
282,200	1700,000	697,983	0	.049	0	32,69A	0	113,000
282,200	1700,000	698,609	.88A	.022	0	17,001	15,697	113,000
283,700	1700,000	697,857	0	-.126	0	26,13A	0	150,000
283,700	1700,000	698,733	.877	-.13A	0	15,569	10,569	150,000
292,200	1700,000	701,640	0	3.783	0	15,052	0	45A,000
292,200	1700,000	702,575	.93A	3.842	0	15,001	.051	45A,000
292,300	1600,000	705,213	0	3.573	0	115,45A	0	5,000
292,300	1600,000	705,430	.217	2.855	0	72,542	42,915	5,000
297,300	1600,000	705,340	0	.13A	0	397,807	0	500,000
297,300	1600,000	705,620	.272	.190	0	47,784	350,024	500,000
300,000	1600,000	705,577	0	.22A	0	53A,39A	0	270,000
300,000	1600,000	705,980	.403	.359	0	54,931	482,465	270,000
303,000	1600,000	705,712	0	.135	0	87,257	0	300,000
303,000	1500,000	706,164	.452	.184	0	35,232	52,025	300,000
306,000	1600,000	706,185	0	.473	0	76,95A	0	300,000
306,000	1500,000	706,821	.636	.657	0	29,001	47,955	300,000
310,000	1600,000	708,674	0	2.480	0	6A,45A	0	400,000
310,000	1600,000	708,421	-.253	1.600	0	19,221	49,23A	400,000
311,000	1600,000	708,875	0	.202	0	16,000	0	100,000
311,000	1600,000	710,686	1.811	2.265	0	16,000	0	100,000
317,000	1600,000	710,349	0	1.474	0	16,000	0	600,000
317,000	1600,000	711,349	1,000	.664	0	16,000	0	600,000
319,500	1350,000	710,110	0	3.700	0	191,81A	0	250,000
319,500	1350,000	710,279	.169	2.930	0	145,001	46,817	250,000
322,000	1350,000	715,38A	0	1.27A	0	92,671	0	250,000
322,000	1350,000	715,314	-.074	1.035	0	8A,221	4,450	250,000
326,000	1350,000	720,250	0	4.866	0	152,174	0	400,000
326,000	1350,000	720,282	.02A	4.90A	0	145,001	7,173	400,000
329,000	1350,000	722,93A	0	2.682	0	125,537	0	300,000
329,000	1350,000	722,897	-.039	2.615	0	119,763	5,774	300,000
332,400	1350,000	725,763	0	2.827	0	87,16A	0	340,000
332,400	1350,000	726,003	.240	3.10A	0	20,001	67,167	340,000
335,000	1350,000	728,520	0	2.757	0	86,49A	0	260,000
335,000	1350,000	729,13A	.616	3.134	0	20,001	66,497	260,000
337,600	1350,000	731,304	0	2.765	0	29,792	0	260,000
337,600	1350,000	732,245	.946	3.100	0	32,86A	-1,074	260,000
342,400	1350,000	735,332	0	4.027	0	42,980	0	480,000
342,400	1350,000	735,17A	-.153	2.934	0	42,475	.505	480,000
343,600	1350,000	735,601	0	.269	0	43,861	0	120,000

344,300	1350,000	735,743	0	.142	0	44,304	0	70,000
344,300	1350,000	735,601	-.142	.153	0	43,854	.444	70,000
345,000	1350,000	737,445	0	1.702	0	41,384	0	70,000
345,000	1350,000	737,072	-.373	1.471	0	22,929	14,454	70,000
350,000	780,000	740,432	0	2.987	0	24,584	0	100,000
350,000	780,000	740,432	.000	3.360	0	24,584	-.000	100,000
350,500	780,000	741,915	0	1.483	0	29,423	0	50,000
350,500	780,000	741,916	.001	1.484	0	29,437	-.014	50,000
351,000	780,000	744,471	0	2.556	0	8,000	0	50,000
351,000	780,000	744,472	.001	2.556	0	8,000	0	50,000
351,300	780,000	746,572	0	2.101	0	155,495	0	30,000
351,300	780,000	746,517	-.054	2.044	0	41,293	114,202	30,000
355,500	680,000	746,103	0	-.469	0	18,364	0	420,000
355,500	680,000	746,499	.397	-.014	0	19,145	-.774	420,000
359,000	680,000	757,634	0	11.531	0	17,430	0	350,000
359,000	680,000	757,634	.000	11.135	0	17,430	-.000	350,000
363,000	680,000	771,442	0	13.804	0	17,455	0	400,000
363,000	680,000	771,442	-.000	13.804	0	17,455	.000	400,000
367,500	680,000	786,253	0	14.811	0	119,337	0	450,000
367,500	680,000	786,779	.526	15.337	0	21,001	94,336	450,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE FNC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
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1	0	0	124.070	0
2	4.000	.564	52.420	-71.646

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 HEC2 VERSION UPDATED JAN 1976  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 GASTONIA N C  
 T2 FLOOD INSURANCE  
 T3 DUHARTS CR 500-YR Q

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FQ
	0	6.	0	0	.002000	0	0	0	652.500	=0
J2	NPROF	IPL0T	PRFV8	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	15.000	=0	=0	=0	=0	=0	=0	=0	=0	=0

30176

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 HEC2 VERSION UPDATED JAN 1976  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 GASTONIA N C  
 T2 FLOOD INSURANCE  
 T3 DUHARTS CR 100-YR Q

J1	ICHECK	INQ	NINV	IDIR	STRT	METHIC	HVINB	Q	WSEL	FG
	0	4.	0	0	.002000	0	0	0	451.500	-0
J2	NPROF	IPLOT	PRFVS	YSECV	XSECH	FN	ALLDC	IBW	CHNTH	ITRACE
	3.000	-0	-1.000	-0	-0	-0	-0	-0	-0	-0



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 HEC2 VERSION UPDATED JAN 1976  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 GASTONIA N.C  
 T2 FLOOD INSURANCE  
 T3 DUHARTS CP 50-YR 0

J1	ICHECK	INC	NINV	TDIR	STRT	METRIC	HVINS	0	WSEL	FQ
	0	3.	0	0	.002000	0	0	0	650.500	-0
J2	NPROF	IFLIT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	TTRACE
	2.000	-0	-1.000	-0	-0	-0	-0	-0	-0	-0

30163

X1	351,000	14,000	346,000	354,000	50,000	50,000	50,000	-0	-0	-0
X2	-0	-0	1,000	743,200	749,700	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	750,000	750,000	-0
BT	9,000	0	755,000	-0	200,000	747,300	-0	250,000	747,000	-0
BT	300,000	747,700	-0	340,000	749,400	-0	346,000	749,700	743,200	354,000
BT	749,700	743,200	360,000	750,500	-0	450,000	756,000	739,000	-0	-0
GR	755,000	0	750,000	100,000	746,500	200,000	745,000	250,000	742,700	300,000
GR	743,000	330,000	738,700	340,000	739,300	345,000	735,800	346,000	735,800	354,000
GR	739,300	345,000	744,000	360,000	750,600	280,000	755,000	450,000	-0	-0
NC	.600	.600	.600	-0	-0	-0	-0	-0	-0	-0

*This card has been removed - see summary output for correct*

X1	351,300	13,000	340,000	365,000	30,000	30,000	30,000	-0	-0	-0
GR	755,000	0	746,800	200,000	747,100	214,000	747,000	234,000	746,400	250,000
GR	744,100	300,000	743,700	340,000	735,400	344,000	735,600	350,000	735,600	356,000
GR	744,400	365,000	746,400	400,000	750,500	450,000	-0	-0	-0	-0
GT	5,000	325,000	580,000	680,000	680,000	880,000	-0	-0	-0	-0
X1	355,500	10,000	184,000	215,000	420,000	420,000	420,000	-0	-0	-0
GR	765,000	0	756,900	100,000	752,500	150,000	751,600	184,000	740,800	196,000
GR	740,400	200,000	740,900	204,000	753,700	215,000	756,900	250,000	764,200	300,000
X1	359,000	-0	-0	-0	350,000	350,000	350,000	-0	12,000	-0
X1	363,000	-0	-0	-0	400,000	400,000	400,000	-0	13,800	-0
X1	367,500	11,000	190,000	211,000	450,000	450,000	450,000	-0	-0	-0
GR	800,000	0	793,400	100,000	788,700	150,000	786,700	190,000	782,700	196,000
GR	781,900	200,000	782,300	204,000	786,300	211,000	785,600	250,000	784,600	300,000
GR	795,000	380,000	-0	-0	-0	-0	-0	-0	-0	-0
EJ	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0

*W306*

X1	300,000	-0	-0	-0	270,000	270,000	270,000	-0	-0	-0
X1	303,000	-0	-0	-0	300,000	300,000	300,000	-0	1,500	-0
X1	306,000	-0	-0	-0	300,000	300,000	300,000	-0	1,500	-0
X1	310,000	12,000	79,000	95,000	400,000	400,000	400,000	-0	-0	-0
GR	719,600	0	718,300	20,000	710,100	45,000	705,500	70,000	707,100	84,000
GR	701,400	87,000	700,900	94,000	707,900	95,000	707,300	105,000	707,700	120,000
GR	715,000	150,000	725,000	182,000	-0	-0	-0	-0	-0	-0
X1	311,000	0	0	0	100,000	100,000	100,000	1,000	0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	725,000	725,000	-0
SB	1,250	2,040	2,700	900,000	17,200	.600	149,000	0	0	-0
X1	317,000	0	0	0	600,000	600,000	600,000	1,000	0	-0
X2	0	0	1,000	0	0	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	725,000	725,000	-0
NC	.050	.050	.040	.100	.300	-0	-0	-0	-0	-0
BT	5,000	650,000	1150,000	1350,000	1350,000	1740,000	-0	-0	-0	-0
X1	319,500	14,000	300,000	445,000	250,000	250,000	250,000	-0	-0	-0
GR	725,000	0	715,000	100,000	715,200	150,000	714,500	200,000	714,200	250,000
GR	713,600	300,000	713,000	350,000	711,300	412,000	705,800	418,000	705,300	423,000
GR	705,600	426,000	711,200	435,000	712,200	445,000	740,500	505,000	-0	-0
X1	322,000	-0	-0	-0	250,000	250,000	250,000	-0	2,500	-0
X1	326,000	-0	-0	-0	400,000	400,000	400,000	-0	0,100	-0
X1	329,000	-0	-0	-0	300,000	300,000	300,000	-0	3,000	-0
X1	332,400	11,000	250,000	270,000	340,000	340,000	340,000	0	0	-0
GR	750,000	0	735,800	100,000	725,000	200,000	723,800	250,000	718,700	258,000
GR	718,300	263,000	718,800	268,000	724,200	270,000	732,700	325,000	732,100	361,000
GR	750,000	400,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	335,000	-0	-0	-0	260,000	260,000	260,000	-0	2,800	-0
X1	337,600	10,000	107,000	160,000	260,000	260,000	260,000	0	0	-0
GR	750,000	0	743,200	50,000	739,400	107,000	726,300	135,000	724,000	136,000
GR	724,500	140,000	726,700	145,000	727,700	150,000	736,500	160,000	739,700	198,000
X1	342,400	0	0	0	480,000	480,000	480,000	1,000	0	-0
SB	.100	2,040	3,000	700,000	8,200	0	72,000	0	0	0
X1	343,600	0	0	0	120,000	120,000	120,000	1,000	0	-0
X2	0	0	1,000	0	0	-0	-0	-0	-0	-0
X1	344,300	-0	-0	-0	70,000	70,000	70,000	-0	-0	-0
X1	345,000	10,000	81,000	105,000	70,000	70,000	70,000	0	0	-0
GR	745,700	0	744,000	27,000	738,500	45,000	736,400	81,000	730,000	89,000
GR	729,400	93,000	730,400	97,000	734,400	100,000	737,800	105,000	750,000	220,000
BT	5,000	375,000	660,000	780,000	780,000	1000,000	-0	-0	-0	-0
X1	350,000	12,000	330,000	365,000	100,000	100,000	100,000	-0	-0	-0
GR	755,000	0	750,000	100,000	746,500	200,000	745,000	250,000	742,700	300,000
GR	743,000	330,000	735,700	346,000	735,600	350,000	735,800	354,000	744,000	365,000
GR	750,600	400,000	755,000	460,000	-0	-0	-0	-0	-0	-0
X1	350,500	-0	-0	-0	50,000	50,000	50,000	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	742,800	742,800	-0
SB	0	1,500	2,500	0	8,000	0	56,000	0	0	0

20156



GR	680,700	700,000	680,600	750,000	680,600	800,000	681,100	850,000	681,600	900,000
GR	682,300	950,000	689,100	1000,000	-0	-0	-0	-0	-0	-0
X1	256,100	-0	-0	-0	100,000	100,000	100,000	-0	1,000	-0
X1	257,100	18,000	345,000	363,000	100,000	100,000	100,000	-0	-0	-0
GR	690,000	0	685,000	80,000	681,800	200,000	683,000	250,000	683,200	300,000
GR	681,000	345,000	677,900	347,000	677,500	350,000	678,200	353,000	682,600	363,000
GR	683,200	400,000	682,100	450,000	681,900	500,000	683,800	550,000	683,000	600,000
GR	683,400	630,000	690,700	650,000	697,800	700,000	-0	-0	-0	-0
X1	258,100	21,000	440,000	460,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	688,500	100,000	687,500	150,000	687,000	200,000	686,000	216,000
GR	683,400	221,000	681,600	250,000	682,400	300,000	683,500	350,000	683,900	400,000
GR	682,300	400,000	674,500	442,000	675,900	450,000	676,600	458,000	684,000	460,000
GR	683,200	500,000	683,300	550,000	683,400	600,000	684,700	650,000	686,400	700,000
GR	688,100	750,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	259,700	26,000	880,000	916,000	160,000	160,000	160,000	-0	-0	-0
GR	690,000	0	684,300	500,000	682,800	550,000	682,900	600,000	681,700	650,000
GR	682,300	700,000	682,500	750,000	682,500	800,000	684,100	850,000	684,700	880,000
GR	678,100	889,000	678,600	900,000	679,000	911,000	684,900	914,000	685,200	950,000
GR	684,200	1000,000	685,800	1050,000	687,100	1100,000	678,800	1150,000	688,300	1200,000
GR	690,300	1250,000	692,200	1300,000	694,700	1350,000	694,800	1380,000	689,800	1385,000
GR	690,200	1400,000	-0	-0	-0	-0	-0	-0	-0	-0
SB	0	1,500	2,500	0	24,000	0	73,600	0	-0	-0
X1	261,150	0	0	0	145,000	145,000	145,000	-0	-0	-0
X2	-0	-0	1,000	683,000	688,000	-0	-0	-0	-0	-0
X3	10,000	-0	-0	-0	-0	-0	-0	488,000	688,000	-0
BT	10,000	0	691,000	0	400,000	688,000	0	1087,000	688,000	683,000
BT	1095,000	688,000	683,000	1096,000	688,000	683,000	1104,000	488,000	683,000	1105,000
BT	688,000	683,000	1113,000	688,000	683,000	1300,000	689,500	0	1500,000	692,000
BT	0	-0	-0	-0	-0	-0	-0	-0	-0	-0
NC	.090	.090	.045	.100	.300	-0	-0	-0	-0	-0
X1	261,650	11,000	145,000	174,000	50,000	50,000	50,000	-0	-1,600	-0
GR	695,000	35,000	685,500	120,000	686,000	145,000	681,000	155,000	681,000	166,000
GR	690,500	175,000	691,000	275,000	692,000	325,000	692,000	335,000	691,000	346,000
GR	695,000	370,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	262,150	10,000	370,000	392,000	50,000	50,000	50,000	-0	-0	-0
GR	700,000	0	685,000	130,000	685,000	251,000	683,500	280,000	685,000	370,000
GR	679,500	372,000	679,500	390,000	686,000	392,000	689,000	530,000	490,000	540,000
X1	263,150	8,000	609,000	634,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	682,000	370,000	686,000	609,000	679,500	510,000	679,500	632,000
GR	686,500	634,000	688,000	758,000	690,500	768,000	-0	-0	-0	-0
X1	264,150	12,000	683,000	715,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	692,000	598,000	687,500	688,000	684,500	668,000	685,500	683,000
GR	680,500	713,000	688,500	715,000	689,500	748,000	689,500	798,000	688,000	838,000
GR	688,000	688,000	693,000	878,000	-0	-0	-0	-0	-0	-0
X1	265,150	10,000	716,000	743,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	0	692,500	652,000	685,500	668,000	694,000	680,000	687,000	716,000
GR	680,500	718,000	680,500	742,000	691,000	743,000	691,500	881,000	696,000	890,000
X1	266,150	11,000	193,000	212,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	68,000	697,000	100,000	695,500	140,000	685,000	179,000	684,500	193,000
GR	681,500	104,000	681,500	209,000	688,500	212,000	697,000	400,000	698,500	290,000
GR	700,000	500,000	-0	-0	-0	-0	-0	-0	-0	-0
X1	267,150	9,000	187,000	212,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	10,000	698,000	100,000	685,500	150,000	687,000	187,000	681,500	189,000
GR	688,000	10,000	698,000	100,000	685,500	150,000	687,000	187,000	681,500	189,000

5103

X1	268,150	7,000	188,000	210,000	100,000	100,000	100,000	-0	-0	-0
GR	700,000	100,000	687,000	157,000	687,500	188,000	681,500	190,000	681,500	200,000
GR	687,500	210,000	700,000	400,000	-0	-0	-0	-0	-0	-0
NC	.050	.050	.040	.100	.300	-0	-0	-0	-0	-0
X1	268,650	13,000	130,000	175,000	50,000	50,000	50,000	-0	-0	-0
GR	700,000	65,000	688,000	130,000	686,000	131,000	685,500	140,000	687,000	145,000
GR	687,000	158,000	681,500	160,000	681,500	170,000	687,700	175,000	690,000	178,000
GR	691,200	208,000	694,800	212,000	700,000	330,000	-0	-0	-0	-0
X1	279,000	14,000	113,000	136,000	1035,000	1035,000	1035,000	0	0	-0
GR	703,700	0	702,000	35,000	693,500	64,000	691,600	100,000	690,600	113,000
GR	686,100	117,000	685,800	123,000	686,500	127,000	694,600	136,000	697,100	150,000
GR	697,800	200,000	698,000	217,000	703,200	250,000	709,400	300,000	-0	-0
X1	280,000	0	0	0	100,000	100,000	100,000	1,000	0	-0
SB	1,250	2,040	2,500	0	28,800	1,200	190,000	0	0	0
X1	281,000	0	0	0	100,000	100,000	100,000	1,000	-0	-0
X2	0	0	1,000	0	0	-0	-0	-0	-0	-0
X3	10,000	0	-0	-0	-0	-0	-0	703,500	703,500	-0
BT	7,000	0	712,700	695,600	200,000	705,400	695,600	250,000	704,000	695,600
BT	300,000	703,500	695,600	350,000	704,000	695,600	600,000	710,100	695,600	700,000
BT	714,700	695,600	-0	-0	-0	-0	-0	-0	-0	-0
NC	.045	.045	.021	.100	.300	-0	-0	-0	-0	-0
QT	5,000	720,000	1340,000	1700,000	1700,000	2500,000	-0	-0	-0	-0
X1	282,200	18,000	166,500	183,500	113,000	113,000	113,000	0	0	-0
BT	10,000	166,500	706,000	695,000	167,000	706,000	697,500	168,000	706,000	690,500
BT	172,500	706,000	702,700	175,000	706,000	703,000	177,500	706,000	702,700	180,000
BT	706,000	701,500	181,500	706,000	700,000	183,000	706,000	497,500	183,500	706,000
BT	695,000	-0	-0	-0	-0	-0	-0	-0	-0	-0
GR	702,500	0	701,700	50,000	702,000	130,000	695,000	166,500	691,500	167,000
GR	689,700	168,000	687,700	170,000	686,500	172,500	686,000	175,000	686,500	177,500
GR	687,500	180,000	689,000	181,500	691,500	183,000	695,000	183,500	706,000	184,000
GR	707,400	230,000	707,400	300,000	710,000	350,000	-0	-0	-0	-0
X1	283,700	17,000	166,500	183,500	150,000	150,000	150,000	0	0	-0
BT	8,000	167,500	706,800	695,000	168,500	706,800	698,000	171,000	706,800	700,700
BT	175,000	706,800	701,900	177,500	706,800	701,500	180,000	706,800	700,000	182,000
BT	706,800	697,000	182,500	706,800	694,000	-0	-0	-0	-0	-0
GR	703,300	0	702,500	50,000	702,800	130,000	695,800	166,500	706,800	167,500
GR	695,000	167,600	690,700	168,500	688,100	171,000	687,000	175,000	687,400	177,500
GR	688,800	180,000	691,600	182,000	694,000	182,500	706,800	183,500	708,200	229,000
GR	708,200	300,000	710,800	350,000	-0	-0	-0	-0	-0	-0
X1	292,200	15,000	152,500	167,500	858,000	858,000	858,000	0	0	-0
BT	8,000	152,500	707,700	700,000	153,500	707,700	703,000	156,000	707,700	705,700
BT	160,000	707,700	704,900	162,500	707,700	706,400	165,000	707,700	705,000	167,000
BT	707,700	702,000	167,500	707,700	699,000	-0	-0	-0	-0	-0
GR	709,300	0	708,300	100,000	707,700	152,400	700,000	152,500	695,300	153,500
GR	693,100	156,000	692,000	160,000	692,300	162,500	694,300	165,000	696,700	167,000
GR	699,000	167,500	707,700	167,600	707,700	265,000	721,500	300,000	725,000	308,000
NC	.050	.050	.040	.100	.300	-0	-0	-0	-0	-0
QT	5,000	700,000	1280,000	1600,000	1600,000	2300,000	-0	-0	-0	-0
X1	292,300	9,000	150,000	186,000	5,000	5,000	5,000	0	0	-0
GR	709,300	0	708,300	100,000	707,500	135,000	699,000	150,000	692,300	160,000
GR	699,500	186,000	698,000	200,000	698,000	235,000	725,000	308,000	-0	-0
X1	297,300	20,000	802,000	831,000	500,000	500,000	500,000	0	0	-0
GR	720,000	60,000	715,000	90,000	715,000	150,000	710,400	200,000	706,800	250,000
GR	704,500	350,000	704,900	450,000	704,600	500,000	705,400	550,000	705,600	650,000
GR	705,300	700,000	704,800	760,000	700,800	780,000	699,500	502,000	695,100	815,000

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 HEC2 VERSION UPDATED JAN 1976  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09  
 MODIFICATIONS 52,53,54,55,56,57,58  
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PROFILE PLOTTED 5-3-76  
 BY S.P. FLETCHER

T1 GASTONIA N C  
 T2 FLOOD INSURANCE  
 T3 DUHARTS CR 10-YR Q

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	UVINS	N	WSEL	FG
	0	2	0	0	.002000	0	0	0	649.000	-0
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	TTPACE
	1.000	-0	-1.000	-0	-0	-0	-0	-0	-0	-0
J3	1.000	2.000	3.000	4.000	27.000	28.000	26.000		-0	-0
NC	.080	.080	.060	.100	.300	-0	-0	-0	-0	-0
QT	5.000	940.000	1800.000	2400.000	2400.000	4300.000		-0	-0	-0
X1	156.800	25.000	355.000	379.000	250.000	330.000	280.000	0	0	-0
GR	669.000	0	662.300	100.000	667.700	150.000	654.300	175.000	652.900	200.000
GR	651.000	250.000	650.300	300.000	651.800	350.000	651.800	255.000	643.800	366.000
GR	643.300	373.000	644.000	378.000	650.100	379.000	650.500	400.000	649.700	450.000
GR	651.100	550.000	651.000	560.000	648.500	565.000	651.200	568.000	650.700	650.000
GR	650.800	700.000	651.300	713.000	660.100	750.000	669.900	800.000	675.000	850.000
X1	160.700	20.000	362.000	401.000	390.000	390.000	390.000	0	0	-0
GR	675.000	0	650.600	77.000	653.300	100.000	652.700	150.000	652.600	200.000
GR	651.500	300.000	652.100	350.000	651.700	362.000	645.700	378.000	644.300	387.000
GR	646.500	394.000	652.400	401.000	651.700	450.000	650.500	500.000	651.200	550.000
GR	651.400	600.000	653.000	650.000	652.900	700.000	654.000	850.000	675.000	1035.000
X1	172.700	17.000	487.000	517.000	900.000	900.000	1200.000	0	0	-0
GR	675.000	0	657.300	150.000	655.200	200.000	655.500	250.000	655.200	350.000
GR	654.800	400.000	655.700	450.000	653.800	487.000	648.700	495.000	646.800	500.000
GR	648.100	507.000	655.800	517.000	654.700	550.000	654.400	600.000	656.500	685.000
GR	659.400	700.000	674.500	740.000	-0	-0	-0	-0	-0	-0
NC	.080	.080	.060	.100	.300	-0	-0	-0	-0	-0
QT	5.000	900.000	1720.000	2250.000	2250.000	4000.000		-0	-0	-0
X1	179.000	19.000	450.000	491.000	630.000	630.000	630.000	0	0	-0
GR	674.500	0	669.500	100.000	669.400	150.000	664.000	200.000	662.200	250.000
GR	659.500	300.000	658.400	350.000	658.000	400.000	658.200	450.000	657.900	450.000
GR	649.500	474.000	648.400	478.000	648.800	484.000	657.000	491.000	657.000	550.000
GR	658.300	600.000	662.000	650.000	667.800	750.000	673.000	816.000	-0	-0
SB	.100	2.000	3.100	0	24.200	0	200.000	0	0	0
X1	180.800	15.000	145.000	172.000	185.000	185.000	185.000	0	0	-0
X2	0	0	1.000	660.800	662.500	-0	-0	-0	-0	-0
BT	9.000	0	675.000	660.800	150.000	668.500	660.800	380.000	662.700	460.800
BT	405.000	662.500	660.800	450.000	662.500	660.800	500.000	662.900	660.800	550.000
BT	664.000	660.800	700.000	671.200	660.800	766.000	675.000	660.800	-0	-0
GR	675.000	0	669.700	50.000	665.000	40.000	661.600	100.000	657.000	145.000
GR	651.700	148.000	647.800	156.000	651.100	166.000	658.100	172.000	659.600	200.000
GR	662.700	250.000	662.600	271.000	665.000	330.000	670.000	400.000	675.000	505.000

30154

X1	190,000	13,000	222,000	242,000	750,000	1000,000	915,000	0	0	-0
GR	675,000	0	670,000	50,000	662,000	100,000	659,400	150,000	660,700	200,000
GR	660,800	222,000	654,200	227,000	654,000	234,000	658,400	242,000	659,000	250,000
GR	659,800	274,000	664,700	300,000	675,000	412,000	-0	-0	-0	-0
NC	.080	.080	.060	.100	.300	-0	-0	-0	-0	-0
QT	5,000	640,000	1620,000	2100,000	2100,000	3450,000	-0	-0	-0	-0
X1	204,300	15,000	333,000	371,000	1475,000	1300,000	1435,000	0	0	-0
GR	675,000	0	670,700	50,000	668,500	100,000	665,100	150,000	664,600	200,000
GR	664,000	250,000	664,200	300,000	665,500	333,000	657,000	344,000	656,000	354,000
GR	657,100	357,000	664,600	371,000	663,400	400,000	664,800	500,000	675,000	580,000
NC	.090	.060	.045	.100	.300	-0	-0	-0	-0	-0
X1	214,350	13,000	246,000	275,000	1005,000	1005,000	1005,000	-0	-0	-0
GR	674,000	10,000	671,000	40,000	667,500	75,000	666,000	150,000	667,000	225,000
GR	666,400	246,000	660,000	253,000	660,500	270,000	667,200	275,000	665,600	300,000
GR	666,100	400,000	666,000	530,000	674,500	650,000	-0	-0	-0	-0
X1	218,950	15,000	226,000	250,000	460,000	460,000	460,000	-0	-0	-0
GR	676,000	40,000	670,000	130,000	668,000	200,000	669,000	218,000	668,200	226,000
GR	661,500	230,000	661,500	240,000	668,500	250,000	667,500	300,000	667,500	345,000
GR	666,100	350,000	666,400	365,000	667,500	370,000	671,000	425,000	675,000	450,000
X1	221,750	14,000	373,000	395,000	280,000	280,000	280,000	-0	-0	-0
GR	676,000	38,000	674,000	45,000	672,000	55,000	669,200	100,000	670,200	200,000
GR	668,000	300,000	669,400	373,000	663,000	378,000	662,900	390,000	669,200	395,000
GR	669,500	400,000	668,000	455,000	668,600	500,000	675,000	560,000	-0	-0
X1	226,950	24,000	434,000	448,000	520,000	520,000	520,000	-0	-0	-0
GR	676,000	60,000	674,000	130,000	672,000	183,000	671,100	300,000	670,400	400,000
GR	671,200	434,000	665,000	435,000	664,100	444,000	671,500	448,000	671,400	457,000
GR	669,000	460,000	669,800	470,000	670,600	500,000	671,500	518,000	674,100	518,000
GR	674,000	707,000	671,300	707,000	668,000	765,000	666,000	768,000	666,000	771,000
GR	670,200	774,000	671,000	800,000	674,300	870,000	680,000	903,000	-0	-0
QT	5,000	800,000	1510,000	1950,000	1950,000	3200,000	-0	-0	-0	-0
X1	233,900	15,000	310,000	326,000	695,000	695,000	695,000	-0	-0	-0
GR	680,000	40,000	671,300	63,000	671,100	100,000	671,500	150,000	671,500	200,000
GR	672,300	250,000	673,000	300,000	672,900	310,000	667,600	311,000	667,800	321,000
GR	672,900	326,000	672,300	346,000	672,000	375,000	673,500	430,000	680,000	475,000
X1	242,250	12,000	200,000	218,000	835,000	835,000	835,000	-0	-0	-0
GR	684,000	0	682,000	20,000	674,000	63,000	674,000	150,000	674,900	180,000
GR	674,000	183,000	673,500	200,000	669,600	204,000	669,500	215,000	674,500	218,000
GR	674,000	250,000	682,300	350,000	-0	-0	-0	-0	-0	-0
X1	245,750	18,000	361,000	381,000	350,000	350,000	350,000	-0	-0	-0
GR	686,000	0	684,000	5,000	682,000	15,000	680,000	28,000	678,000	38,000
GR	676,000	49,000	676,000	200,000	675,000	300,000	675,800	350,000	676,500	361,000
GR	670,500	365,000	670,400	373,000	671,000	380,000	676,300	381,000	675,400	450,000
GR	675,100	500,000	676,000	557,000	686,000	576,000	-0	-0	-0	-0
NC	.090	.090	.045	-0	-0	-0	-0	-0	-0	-0
X1	247,000	-0	-0	-0	125,000	125,000	125,000	-0	.500	-0
X1	251,450	13,000	480,000	500,000	445,000	445,000	445,000	-0	-0	-0
GR	686,000	62,000	684,000	67,000	682,000	70,000	680,000	80,000	678,000	100,000
GR	678,500	400,000	679,000	480,000	673,500	485,000	672,500	490,000	679,000	500,000
GR	679,000	540,000	680,500	562,000	685,000	583,000	-0	-0	-0	-0
X1	255,100	32,000	490,000	515,000	365,000	365,000	365,000	-0	-0	-0
GR	684,800	0	681,500	8,000	678,200	50,000	678,200	100,000	678,200	142,000
GR	677,800	146,000	679,000	150,000	678,900	200,000	679,700	250,000	680,000	257,000
GR	678,300	278,000	679,900	281,000	679,500	300,000	680,400	350,000	680,400	400,000
GR	680,900	450,000	681,100	490,000	675,900	495,000	675,600	500,000	676,100	505,000
GR	680,200	515,000	680,000	550,000	680,900	600,000	680,900	631,000	680,800	650,000



\*\*\*\*\*  
 HEC2 VERSION UPDATED JAN 1976  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09  
 MODIFICATIONS 52,53,54,55,56,57,58  
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PROFILE PLOTTED 5-3-76  
 by S.P. FLETCHER

To be (C.F. in)  
 Error = 351 + 30  
 .640 n v 1

GASTONIA N C FLOOD INSURANCE DUHARTS CR 10-YR Q											
J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG	
	0	2.	0	0	.002000	0	0	0	649.000	-0	
J2	NPROF	IPLOT	PRFVS	YSECV	XSECH	FN	ALLDC	IRW	CHNIM	TTRACE	
	1.000	-0	-1.000	-0	-0	-0	-0	-0	-0	-0	
J3	1.000	2.000	3.000	4.000	27.000	28.000	26.000				
NC	.080	.080	.060	.100	.300						
QT	5.000	940.000	1800.000	2400.000	2400.000	4300.000					
X1	156.800	25.000	355.000	379.000	250.000	330.000	280.000				
GR	669.000	0	662.300	100.000	667.700	150.000	654.300	175.000	652.900	200.000	
GR	651.000	250.000	650.300	300.000	651.800	350.000	651.800	355.000	643.800	366.000	
GR	643.300	373.000	644.000	378.000	650.100	379.000	650.500	400.000	649.700	450.000	
GR	651.100	550.000	651.000	560.000	648.500	565.000	651.200	568.000	650.700	650.000	
GR	650.800	700.000	651.300	713.000	660.100	750.000	669.900	800.000	675.000	850.000	
X1	160.700	20.000	362.000	401.000	390.000	390.000	390.000				
GR	675.000	0	654.600	77.000	653.300	100.000	652.700	150.000	652.600	200.000	
GR	651.500	300.000	652.100	350.000	651.700	362.000	645.700	378.000	644.300	387.000	
GR	646.500	394.000	652.400	401.000	651.700	450.000	650.500	500.000	651.200	550.000	
GR	651.400	600.000	653.000	650.000	652.900	700.000	654.000	850.000	675.000	1035.000	
X1	172.700	17.000	487.000	517.000	900.000	900.000	1200.000				
GR	675.000	0	657.300	150.000	655.200	200.000	655.500	250.000	655.200	350.000	
GR	654.800	400.000	655.700	450.000	653.800	487.000	648.700	495.000	646.800	504.000	
GR	648.100	507.000	655.800	517.000	654.700	550.000	654.400	600.000	656.500	685.000	
GR	659.400	700.000	674.500	749.000							
NC	.080	.080	.060	.100	.300						
QT	5.000	900.000	1720.000	2250.000	2250.000	4000.000					
X1	179.000	19.000	459.000	491.000	630.000	630.000	630.000				
GR	674.500	0	669.500	100.000	669.400	150.000	664.000	200.000	662.200	250.000	
GR	659.500	300.000	658.400	350.000	658.000	400.000	658.200	450.000	657.900	459.000	
GR	649.500	474.000	648.400	478.000	648.800	484.000	657.000	491.000	657.000	550.000	
GR	658.300	600.000	662.000	650.000	667.800	750.000	673.000	815.000			
SB	.100	2.040	3.100	0	24.200		200.000				
X1	180.800	15.000	145.000	172.000	185.000	185.000	185.000				
X2	0	0	1.000	660.800	662.500						
BT	9.000	0	675.000	660.800	150.000	668.500	660.800	380.000	662.700	660.800	
BT	405.000	662.500	660.800	450.000	662.500	660.800	500.000	662.900	660.800	550.000	
BT	664.000	660.800	700.000	671.200	660.800	766.000	675.000	660.800			
GR	675.000	0	669.700	50.000	665.000	90.000	661.600	100.000	657.000	145.000	
GR	651.700	148.000	647.800	156.000	651.100	166.000	658.100	172.000	659.600	200.000	
GR	662.700	250.000	662.600	271.000	665.000	330.000	670.000	400.000	675.000	505.000	

30154

13,000	222,000	242,000	750,000	1000,000	915,000	-0	0	-0
0	670,000	50,000	662,000	100,000	659,400	150,000	660,700	200,000
222,000	654,200	227,000	654,000	234,000	658,400	242,000	659,000	250,000
274,000	664,700	300,000	675,000	412,000	-0	-0	-0	-0
0	0	0	0	0	-0	-0	-0	-0
840,000	1620,000	2100,000	2100,000	3650,000	-0	-0	-0	-0
15,000	333,000	371,000	1475,000	1300,000	1435,000	-0	0	-0
0	670,700	50,000	668,500	100,000	665,100	150,000	664,600	200,000
250,000	664,200	300,000	665,500	333,000	657,000	346,000	656,000	354,000
357,000	664,600	371,000	663,400	400,000	664,800	500,000	675,000	580,000
0	0	0	0	0	-0	-0	-0	-0
13,000	246,000	275,000	1005,000	1005,000	1005,000	-0	-0	-0
10,000	671,000	40,000	667,500	75,000	666,000	150,000	667,000	225,000
246,000	660,000	253,000	660,500	270,000	667,200	275,000	665,600	300,000
400,000	666,000	530,000	674,500	650,000	-0	-0	-0	-0
15,000	226,000	250,000	460,000	460,000	460,000	-0	-0	-0
40,000	670,000	130,000	668,000	200,000	669,000	218,000	668,200	226,000
230,000	661,500	240,000	668,500	250,000	667,500	300,000	667,500	345,000
350,000	666,400	365,000	667,500	370,000	671,000	425,000	675,000	450,000
14,000	373,000	395,000	280,000	280,000	280,000	-0	-0	-0
38,000	674,000	45,000	672,000	55,000	669,200	100,000	670,200	200,000
300,000	669,400	373,000	663,000	378,000	662,900	390,000	669,200	395,000
400,000	668,000	455,000	668,600	500,000	675,000	560,000	-0	-0
24,000	434,000	448,000	520,000	520,000	520,000	-0	-0	-0
60,000	674,000	130,000	672,000	183,000	671,100	300,000	670,400	400,000
434,000	665,000	435,000	664,100	444,000	671,500	448,000	671,400	457,000
460,000	669,800	470,000	670,600	500,000	671,500	518,000	674,100	518,000
707,000	671,300	707,000	668,000	765,000	666,000	768,000	666,000	771,000
774,000	671,000	800,000	674,300	870,000	680,000	903,000	-0	-0
800,000	1510,000	1950,000	1950,000	3200,000	-0	-0	-0	-0
15,000	310,000	326,000	695,000	695,000	695,000	-0	-0	-0
40,000	671,300	63,000	671,100	100,000	671,500	150,000	671,500	200,000
250,000	673,000	300,000	672,900	310,000	667,600	311,000	667,800	321,000
326,000	672,300	346,000	672,000	375,000	673,500	430,000	680,000	475,000
12,000	200,000	218,000	835,000	835,000	835,000	-0	-0	-0
0	682,000	20,000	674,000	63,000	674,000	150,000	674,900	180,000
183,000	673,500	200,000	669,600	204,000	669,500	215,000	674,500	218,000
250,000	682,300	350,000	-0	-0	-0	-0	-0	-0
18,000	361,000	381,000	350,000	350,000	350,000	-0	-0	-0
0	684,000	5,000	682,000	15,000	680,000	28,000	678,000	38,000
49,000	676,000	200,000	675,000	300,000	675,800	350,000	676,500	361,000
365,000	670,400	373,000	671,000	380,000	676,300	381,000	675,400	450,000
500,000	676,000	557,000	686,000	576,000	-0	-0	-0	-0
0	0	0	0	0	-0	-0	-0	-0
0	-0	-0	125,000	125,000	125,000	-0	.500	-0
13,000	480,000	500,000	445,000	445,000	445,000	-0	-0	-0
62,000	684,000	67,000	682,000	70,000	680,000	80,000	678,000	100,000
400,000	679,000	480,000	673,500	483,000	672,500	490,000	679,000	500,000
540,000	680,500	562,000	685,000	583,000	-0	-0	-0	-0
32,000	490,000	515,000	365,000	365,000	365,000	-0	-0	-0
0	681,500	8,000	678,200	50,000	678,200	100,000	678,200	142,000
146,000	679,000	150,000	678,900	200,000	679,700	250,000	680,000	257,000
278,000	679,900	281,000	679,900	300,000	680,400	350,000	680,400	400,000
450,000	681,100	490,000	675,900	495,000	675,600	500,000	676,100	505,000

14,000	346,000	354,000	50,000	50,000	50,000	-0	-0	-0
700,000	680,600	750,000	680,600	800,000	681,100	850,000	681,600	900,000
950,000	689,100	1000,000	-0	-0	-0	-0	-0	-0
-0	-0	-0	100,000	100,000	100,000	-0	1,000	-0
18,000	345,000	363,000	100,000	100,000	100,000	-0	-0	-0
0	685,000	80,000	681,800	200,000	683,000	250,000	683,200	300,000
345,000	677,900	347,000	677,500	350,000	678,200	353,000	682,600	363,000
400,000	682,100	450,000	681,900	500,000	683,800	550,000	683,000	600,000
630,000	690,700	650,000	697,800	700,000	-0	-0	-0	-0
21,000	440,000	460,000	100,000	100,000	100,000	-0	-0	-0
0	688,500	100,000	687,500	150,000	687,000	200,000	686,000	216,000
221,000	681,600	250,000	682,400	300,000	683,500	350,000	683,900	400,000
400,000	674,500	442,000	675,900	450,000	676,600	458,000	684,000	460,000
500,000	683,300	550,000	683,400	600,000	684,700	650,000	686,400	700,000
750,000	-0	-0	-0	-0	-0	-0	-0	-0
26,000	880,000	916,000	160,000	160,000	160,000	-0	-0	-0
0	684,300	500,000	682,800	550,000	682,900	400,000	681,700	650,000
700,000	682,500	750,000	682,500	800,000	684,100	850,000	684,700	880,000
889,000	678,600	900,000	679,000	911,000	684,900	916,000	685,200	950,000
1000,000	685,800	1050,000	687,100	1100,000	678,600	1150,000	688,300	1200,000
1250,000	692,200	1300,000	694,700	1350,000	694,800	1380,000	689,800	1385,000
1400,000	-0	-0	-0	-0	-0	-0	-0	-0
1,500	2,500	0	24,000	0	73,600	0	-0	-0
0	0	0	145,000	145,000	145,000	-0	-0	-0
-0	1,000	683,000	688,000	-0	-0	-0	-0	-0
-0	-0	-0	-0	-0	-0	488,000	688,000	-0
0	691,000	0	400,000	688,000	0	1087,000	688,000	683,000
688,000	683,000	1096,000	688,000	683,000	1104,000	488,000	683,000	1105,000
683,000	1113,000	688,000	683,000	1300,000	689,500	0	1500,000	692,000
-0	-0	-0	-0	-0	-0	-0	-0	-0
.090	.045	.100	.300	-0	-0	-0	-0	-0
11,000	145,000	175,000	50,000	50,000	50,000	-0	-1,600	-0
85,000	685,500	120,000	686,000	145,000	681,000	155,000	681,000	166,000
175,000	691,000	275,000	692,000	325,000	692,000	335,000	691,000	346,000
370,000	-0	-0	-0	-0	-0	-0	-0	-0
10,000	370,000	392,000	50,000	50,000	50,000	-0	-0	-0
0	685,000	130,000	685,000	251,000	683,500	280,000	685,000	370,000
372,000	679,500	390,000	686,000	392,000	689,000	530,000	690,000	540,000
8,000	609,000	634,000	100,000	100,000	100,000	-0	-0	-0
0	682,000	370,000	686,000	609,000	679,500	610,000	679,500	632,000
634,000	688,000	758,000	690,500	768,000	-0	-0	-0	-0
12,000	683,000	715,000	100,000	100,000	100,000	-0	-0	-0
0	692,000	598,000	687,500	648,000	684,500	668,000	685,500	683,000
713,000	688,500	715,000	689,500	748,000	689,500	798,000	688,000	838,000
868,000	693,000	878,000	-0	-0	-0	-0	-0	-0
10,000	716,000	743,000	100,000	100,000	100,000	-0	-0	-0
0	692,500	652,000	685,500	668,000	694,000	680,000	687,000	716,000
718,000	680,500	742,000	691,000	743,000	691,500	681,000	696,000	690,000
11,000	193,000	212,000	100,000	100,000	100,000	-0	-0	-0
68,000	697,000	100,000	695,500	140,000	685,000	179,000	684,500	193,000
194,000	681,500	209,000	688,500	212,000	697,000	400,000	698,500	490,000
500,000	-0	-0	-0	-0	-0	-0	-0	-0
9,000	187,000	212,000	100,000	100,000	100,000	-0	-0	-0
30,000	698,000	100,000	685,500	150,000	687,000	187,000	681,500	189,000

14.000	346.000	350.000	50.000	50.000	50.000	-0	-0	-0
7.000	188.000	210.000	100.000	100.000	100.000	-0	-0	-0
100.000	687.000	157.000	687.500	188.000	681.500	190.000	681.500	200.000
210.000	700.000	400.000	-0	-0	-0	-0	-0	-0
.050	.040	.100	.300	-0	-0	-0	-0	-0
13.000	130.000	175.000	50.000	50.000	50.000	-0	-0	-0
65.000	688.000	130.000	686.000	131.000	685.500	140.000	687.000	145.000
158.000	681.500	160.000	681.500	170.000	687.700	175.000	690.000	178.000
208.000	694.800	212.000	700.000	330.000	-0	-0	-0	-0
14.000	113.000	136.000	1035.000	1035.000	1035.000	0	0	-0
0	702.000	35.000	693.500	64.000	691.600	100.000	690.600	113.000
117.000	685.800	123.000	686.500	127.000	694.600	136.000	697.100	150.000
200.000	698.000	217.000	703.200	250.000	709.400	300.000	-0	-0
0	0	0	100.000	100.000	100.000	1.000	0	-0
2.040	2.500	0	28.800	1.200	190.000	0	0	0
0	0	0	100.000	100.000	100.000	1.000	-0	-0
0	1.000	0	0	-0	-0	-0	-0	-0
-0	-0	-0	-0	-0	-0	703.500	703.500	-0
0	712.700	695.600	200.000	705.400	695.600	250.000	704.000	695.600
703.500	695.600	350.000	704.000	695.600	600.000	710.100	695.600	700.000
695.600	-0	-0	-0	-0	-0	-0	-0	-0
.045	.021	.100	.300	-0	-0	-0	-0	-0
720.000	1340.000	1700.000	1700.000	2500.000	-0	-0	-0	-0
18.000	166.500	183.500	113.000	113.000	113.000	0	0	-0
166.500	706.000	695.000	167.000	706.000	697.500	168.000	706.000	699.500
706.000	702.700	175.000	706.000	703.000	177.500	706.000	702.700	180.000
701.500	181.500	706.000	700.000	183.000	706.000	697.500	183.500	706.000
-0	-0	-0	-0	-0	-0	-0	-0	-0
0	701.700	50.000	702.000	130.000	695.000	166.500	691.500	167.000
168.000	687.700	170.000	686.500	172.500	686.000	175.000	686.500	177.500
180.000	689.000	181.500	691.500	183.000	695.000	183.500	706.000	184.000
230.000	707.400	300.000	710.000	350.000	-0	-0	-0	-0
17.000	166.500	183.500	150.000	150.000	150.000	0	0	-0
167.500	706.800	695.000	168.500	706.800	698.000	171.000	706.800	700.700
706.800	701.900	177.500	706.800	701.500	180.000	706.800	700.000	182.000
697.000	182.500	706.800	694.000	-0	-0	-0	-0	-0
0	702.500	50.000	702.800	130.000	695.800	166.500	706.800	167.500
167.600	690.700	168.500	688.100	171.000	687.000	175.000	687.400	177.500
180.000	691.600	182.000	694.000	182.500	706.800	183.500	708.200	229.000
300.000	710.800	350.000	-0	-0	-0	-0	-0	-0
15.000	152.500	167.500	858.000	858.000	858.000	0	0	-0
152.500	707.700	700.000	153.500	707.700	703.000	156.000	707.700	705.700
707.700	706.900	162.500	707.700	706.400	165.000	707.700	705.000	167.000
702.000	167.500	707.700	699.000	-0	-0	-0	-0	-0
0	708.300	100.000	707.700	152.400	700.000	152.500	695.300	153.500
156.000	692.000	160.000	692.300	162.500	694.300	165.000	696.700	167.000
167.500	707.700	167.600	707.700	265.000	721.500	300.000	725.000	308.000
.050	.040	.100	.300	-0	-0	-0	-0	-0
700.000	1280.000	1600.000	1600.000	2300.000	-0	-0	-0	-0
9.000	150.000	186.000	5.000	5.000	5.000	0	0	-0
0	708.300	100.000	707.500	135.000	699.000	150.000	692.300	160.000
186.000	698.000	200.000	698.000	235.000	725.000	308.000	-0	-0
20.000	802.000	831.000	500.000	500.000	500.000	0	0	-0
60.000	715.000	90.000	715.000	150.000	710.400	200.000	706.800	250.000
350.000	704.900	450.000	704.600	500.000	705.400	550.000	705.600	650.000
700.000	704.800	760.000	700.800	780.000	699.500	802.000	705.100	815.000

14,000	346,000	354,000	50,000	50,000	50,000	-0	-0	-0
-0	-0	-0	270,000	270,000	270,000	-0	-0	-0
-0	-0	-0	300,000	300,000	300,000	-0	1,500	-0
-0	-0	-0	300,000	300,000	300,000	-0	1,500	-0
12,000	79,000	95,000	400,000	400,000	400,000	-0	-0	-0
0	718,300	20,000	710,100	45,000	705,500	79,000	702,100	84,000
87,000	700,900	94,000	702,900	95,000	707,300	105,000	707,700	120,000
150,000	725,000	182,000	-0	-0	-0	-0	-0	-0
0	0	0	100,000	100,000	100,000	1,000	0	-0
-0	-0	-0	-0	-0	-0	725,000	725,000	-0
2,040	2,700	900,000	17,200	600	149,000	0	0	0
0	0	0	600,000	600,000	600,000	1,000	0	-0
0	1,000	0	0	-0	-0	-0	-0	-0
-0	-0	-0	-0	-0	-0	725,000	725,000	-0
0,050	0,040	0,100	0,300	-0	-0	-0	-0	-0
650,000	1150,000	1350,000	1350,000	1740,000	-0	-0	-0	-0
14,000	300,000	445,000	250,000	250,000	250,000	-0	-0	-0
0	715,000	100,000	715,200	150,000	714,500	200,000	714,200	250,000
300,000	713,000	350,000	711,300	412,000	705,800	414,000	705,300	423,000
426,000	711,200	435,000	712,200	445,000	740,500	505,000	-0	-0
-0	-0	-0	250,000	250,000	250,000	-0	2,500	-0
-0	-0	-0	400,000	400,000	400,000	-0	4,100	-0
-0	-0	-0	300,000	300,000	300,000	-0	3,000	-0
11,000	250,000	270,000	340,000	340,000	340,000	0	0	-0
0	735,800	100,000	725,000	200,000	723,800	250,000	718,700	258,000
263,000	718,800	268,000	724,200	270,000	732,700	325,000	732,100	361,000
400,000	-0	-0	-0	-0	-0	-0	-0	-0
-0	-0	-0	260,000	260,000	260,000	-0	2,800	-0
10,000	107,000	160,000	260,000	260,000	260,000	0	0	-0
0	743,200	50,000	739,400	107,000	726,300	135,000	724,000	136,000
140,000	726,700	145,000	727,700	150,000	736,500	160,000	739,700	194,000
0	0	0	480,000	480,000	480,000	1,000	0	-0
2,040	3,000	700,000	8,200	0	72,000	0	0	0
0	0	0	120,000	120,000	120,000	1,000	0	-0
0	1,000	0	0	-0	-0	-0	-0	-0
-0	-0	-0	70,000	70,000	70,000	-0	-0	-0
10,000	81,000	105,000	70,000	70,000	70,000	0	0	-0
0	744,000	27,000	738,500	45,000	736,400	81,000	730,000	89,000
93,000	730,400	97,000	734,400	100,000	737,800	105,000	750,000	220,000
375,000	660,000	780,000	780,000	1000,000	-0	-0	-0	-0
12,000	330,000	365,000	100,000	100,000	100,000	-0	-0	-0
0	750,000	100,000	746,500	200,000	745,000	250,000	742,700	300,000
330,000	735,700	346,000	735,600	350,000	735,800	354,000	744,000	365,000
400,000	755,000	460,000	-0	-0	-0	-0	-0	-0
-0	-0	-0	50,000	50,000	50,000	-0	-0	-0
-0	-0	-0	-0	-0	-0	742,800	742,800	-0
1,500	2,500	0	8,000	0	16,000	0	0	0



SUMMARY PRINTOUT FOR MULTIPLE PROFILES

PLOTTED 3-12-76 BY S.P.F.

TRIBUTARY L=11,500 YEAR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWTD	STENCI	STENCR	VCH	
	400.00	=0	0	0	683.30	2900.00	689.10	168.36	689.72	319.24	0	0	7.19
	400.00	=0	0	0	683.30	5750.00	691.00	577.20	691.32	647.16	0	0	5.78
	400.00	=0	0	0	683.30	8200.00	692.40	1115.84	692.63	662.61	0	0	5.07
	400.00	=0	0	0	683.30	14000.00	695.70	3022.68	695.86	705.95	0	0	4.26
	13.00	1300.00	0	0	690.90	675.00	696.85	316.09	696.86	315.38	0	0	1.28
A	13.00	1300.00	0	0	690.90	1185.00	697.49	429.87	697.51	336.61	0	0	1.79
A	13.00	1300.00	0	0	690.90	1390.00	697.54	442.08	697.57	338.92	0	0	2.06
	13.00	1300.00	0	0	690.90	1820.00	698.31	605.98	698.34	361.80	0	0	2.14
	18.00	500.00	0	0	693.20	675.00	697.35	92.59	697.43	256.05	0	0	3.24
	18.00	500.00	0	0	693.20	1185.00	698.20	179.03	698.29	285.30	0	0	3.44
	18.00	500.00	0	0	693.20	1390.00	698.42	205.95	698.51	290.16	0	0	3.63
	18.00	500.00	0	0	693.20	1820.00	699.07	302.77	699.16	312.60	0	0	3.56
	22.60	460.00	0	0	695.20	675.00	701.15	49.03	701.77	80.52	0	0	6.36
	22.60	460.00	0	0	695.20	1185.00	701.96	76.49	702.74	160.84	0	0	7.69
	22.60	460.00	0	0	695.20	1390.00	702.14	85.41	702.99	174.08	0	0	8.20
	22.60	460.00	0	0	695.20	1820.00	702.60	115.83	703.41	189.52	0	0	8.41
* B	27.60	500.00	0	0	697.50	675.00	704.94	119.04	705.05	190.79	0	0	3.05
B	27.60	500.00	0	0	697.50	1185.00	705.98	216.23	706.09	222.05	0	0	3.39
	27.60	500.00	0	0	697.50	1390.00	706.30	253.88	706.42	231.84	0	0	3.52
	27.60	500.00	0	0	697.50	1820.00	706.81	321.17	706.94	250.23	0	0	3.85
	27.90	30.00	0	0	697.50	675.00	704.94	79.59	705.25	34.00	0	0	4.43
	27.90	30.00	0	0	697.50	1185.00	705.75	103.91	706.42	34.00	0	0	6.59
	27.90	30.00	0	0	697.50	1390.00	705.96	110.31	706.82	34.00	0	0	7.45
	27.90	30.00	0	0	697.50	1820.00	706.15	116.59	707.53	34.00	0	0	9.42
	28.30	40.00	708.40	706.50	697.50	675.00	705.24	88.30	705.51	34.00	0	0	4.16
	28.30	40.00	708.40	706.50	697.50	1185.00	706.32	122.48	706.87	34.00	0	0	5.94
	28.30	40.00	708.40	706.50	697.50	1390.00	706.93	86.08	707.63	34.00	0	0	6.73
	28.30	40.00	708.40	706.50	697.50	1820.00	706.18	117.72	707.55	34.00	0	0	9.36
	28.60	30.00	0	0	698.20	675.00	705.54	241.15	705.58	208.25	0	0	1.96
C	28.60	30.00	0	0	698.20	1185.00	706.93	421.14	706.98	269.27	0	0	2.25
	28.60	30.00	0	0	698.20	1390.00	707.71	557.29	707.76	279.34	0	0	2.17
	28.60	30.00	0	0	698.20	1820.00	707.69	552.78	707.74	279.22	0	0	2.81
	32.10	350.00	0	0	701.00	675.00	705.99	84.27	706.25	75.19	0	0	4.12
	32.10	350.00	0	0	701.00	1185.00	707.34	154.94	707.65	151.47	0	0	4.72
	32.10	350.00	0	0	701.00	1390.00	708.03	210.63	708.28	194.16	0	0	4.47
	32.10	350.00	0	0	701.00	1820.00	708.24	231.21	708.60	203.83	0	0	5.46
	35.50	340.00	0	0	703.70	460.00	708.67	43.33	708.94	55.56	0	0	4.84
	35.50	340.00	0	0	703.70	810.00	709.82	78.32	710.14	58.69	0	0	5.35
	35.50	340.00	0	0	703.70	950.00	710.05	86.41	710.43	59.31	0	0	5.81
	35.50	340.00	0	0	703.70	1220.00	710.79	117.83	711.20	78.18	0	0	6.03

710.5 706.1

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWID	STENCI	STENCR	VCH
D 39,00	350,00	0	0	706,50	460,00	711,87	54,37	712,05	56,65	0	0	4,05
39,00	350,00	0	0	706,50	810,00	713,02	93,26	713,27	62,71	0	0	4,69
39,00	350,00	0	0	706,50	950,00	713,42	110,47	713,70	73,77	0	0	4,91
39,00	350,00	0	0	706,50	1220,00	714,03	139,58	714,35	90,23	0	0	5,37
43,50	450,00	0	0	713,00	460,00	717,28	27,31	717,80	53,66	0	0	7,00
43,50	450,00	0	0	713,00	810,00	718,31	52,70	718,92	56,49	0	0	7,30
43,50	450,00	0	0	713,00	950,00	718,63	62,02	719,27	57,34	0	0	7,53
43,50	450,00	0	0	713,00	1220,00	719,23	82,09	719,91	58,98	0	0	7,76
48,50	500,00	0	0	721,80	460,00	725,34	46,85	725,62	33,00	0	0	4,26
48,50	500,00	0	0	721,80	810,00	726,49	75,13	726,96	48,06	0	0	5,53
48,50	500,00	0	0	721,80	950,00	726,85	87,12	727,39	67,04	0	0	5,91
48,50	500,00	0	0	721,80	1220,00	727,42	109,08	728,06	72,94	0	0	6,55
E 53,00	450,00	0	0	728,30	460,00	731,17	33,19	731,61	32,22	0	0	5,33
53,00	450,00	0	0	728,30	810,00	732,55	63,49	733,14	33,83	0	0	6,14
53,00	450,00	0	0	728,30	950,00	732,96	74,83	733,62	47,54	0	0	6,50
53,00	450,00	0	0	728,30	1220,00	733,63	97,31	734,38	70,96	0	0	7,06

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
400,000	2900,000	689,100	0	0	0	319,236	0	-0
400,000	5750,000	691,000	1,900	0	0	647,164	-327,928	-0
400,000	8200,000	692,400	1,400	0	0	662,614	-343,377	-0
400,000	14000,000	695,700	3,300	0	0	705,952	-386,716	-0
13,000	675,000	696,853	0	7,753	0	315,375	0	1300,000
13,000	1185,000	697,487	.634	6,487	0	336,613	-21,238	1300,000
13,000	1390,000	697,543	.057	5,143	0	338,515	-23,140	1300,000
13,000	1820,000	698,312	.769	2,612	0	361,804	-46,429	1300,000
18,000	675,000	697,347	0	.494	0	256,047	0	500,000
18,000	1185,000	698,201	.853	.714	0	285,301	-29,254	500,000
18,000	1390,000	698,419	.218	.875	0	290,163	-34,115	500,000
18,000	1820,000	699,074	.655	.762	0	312,601	-56,553	500,000
22,600	675,000	701,155	0	3,807	0	80,510	0	460,000
22,600	1185,000	701,961	.806	3,760	0	164,842	-84,323	460,000
22,600	1390,000	702,137	.176	3,718	0	174,082	-93,564	460,000
22,600	1820,000	702,600	.463	3,526	0	189,521	-109,003	460,000
27,600	675,000	704,944	0	3,789	0	190,792	0	500,000
27,600	1185,000	705,976	1,032	4,015	0	222,053	-31,261	500,000
27,600	1390,000	706,302	.326	4,165	0	231,840	-41,048	500,000
27,600	1820,000	706,811	.509	4,211	0	250,230	-59,442	500,000
27,900	675,000	704,942	0	-.001	0	34,000	0	30,000
27,900	1185,000	705,746	.804	-.229	0	34,000	0	30,000
27,900	1390,000	705,956	.210	-.346	0	34,000	0	30,000
27,900	1820,000	706,148	.192	-.662	0	34,000	0	30,000
28,300	675,000	705,242	0	.299	0	34,000	0	40,000
28,300	1185,000	706,323	1,081	.577	0	34,000	0	40,000
28,300	1390,000	706,930	.607	.974	0	34,000	0	40,000
28,300	1820,000	706,185	-.745	.037	0	34,000	0	40,000
28,600	675,000	705,536	0	.294	0	208,254	0	30,000
28,600	1185,000	706,926	1,390	.603	0	269,272	-61,017	30,000
28,600	1390,000	707,713	.786	.782	0	279,341	-71,086	30,000

41029



28,600	1820,000	707,686	-.026	1,501	0	279,221	-70,966	30,000
32,100	675,000	705,989	0	.453	0	75,188	0	350,000
32,100	1185,000	707,335	1,347	.409	0	151,470	-76,283	350,000
32,100	1390,000	708,025	.690	.313	0	194,162	-118,974	350,000
32,100	1820,000	708,238	.213	.552	0	203,827	-128,640	350,000
35,500	460,000	708,672	0	2,683	0	55,555	0	340,000
35,500	810,000	709,817	1,145	2,482	0	58,688	-3,133	340,000
35,500	950,000	710,045	.228	2,020	0	59,307	-3,751	340,000
35,500	1220,000	710,786	.741	2,548	0	78,181	-22,626	340,000
39,000	460,000	711,869	0	3,197	0	56,648	0	350,000
39,000	810,000	713,017	1,149	3,201	0	62,711	-6,063	350,000
39,000	950,000	713,425	.407	3,379	0	73,771	-17,124	350,000
39,000	1220,000	714,027	.602	3,241	0	90,230	-33,582	350,000
43,500	460,000	717,279	0	5,410	0	53,662	0	450,000
43,500	810,000	718,312	1,033	5,295	0	56,490	-2,828	450,000
43,500	950,000	718,628	.316	5,203	0	57,340	-3,678	450,000
43,500	1220,000	719,230	.602	5,203	0	58,980	-5,318	450,000
48,500	460,000	725,337	0	8,058	0	32,997	0	500,000
48,500	810,000	726,485	1,148	8,173	0	48,058	-15,061	500,000
48,500	950,000	726,854	.368	8,226	0	67,030	-34,042	500,000
48,500	1220,000	727,420	.566	8,190	0	72,942	-39,945	500,000
53,000	460,000	731,172	0	5,834	0	32,226	0	450,000
53,000	810,000	732,553	1,381	6,068	0	33,820	-1,604	450,000
53,000	950,000	732,965	.412	6,111	0	47,543	-15,318	450,000
53,000	1220,000	733,627	.662	6,207	0	70,958	-38,733	450,000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA=ACRES	TOP WIDTH AREA=DIFF
1	0	0	19,779	0
2	0	0	27,707	7,928
3	0	0	28,968	9,188
4	0	0	31,205	11,425