

THIS RUN EXECUTED 4 APR 79 15:05

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
ERROR CORR - 01.02
MODIFICATION - 50.51.52.53

CHARLES CREEK

X1	1,490	-0.	-0.	-0.	59,000	50,000	50,000	-0.	-0.	-0.
NC	-0.	-0.	-0.	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	2,100	12,000	387,000	446,000	1250,000	850,000	1100,000	-0.	-0.	-0.
GR	5,400	-0.	3,400	200,000	3,700	387,000	-1,000	399,000	-3,500	412,500
GR	-3,700	413,000	-3,700	423,000	-3,500	431,000	0.	436,500	3,800	446,000
GR	4,500	635,000	6,230	835,000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.015	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	2,200	24,000	400,000	435,000	100,000	100,000	100,000	-0.	-0.	-0.
X3	10,000	-0.	-0.	-0.	-0.	-0.	-0.	2,800	2,900	-0.
GR	5,400	-0.	3,400	200,000	-500	400,000	-2,600	401,000	-3,500	412,500
GR	-2,600	404,000	-500	405,000	-500	410,000	-2,800	411,000	-3,700	412,500
GR	-2,800	414,000	-500	415,000	-500	420,000	-2,800	421,000	-3,700	422,500
GR	-2,800	424,000	-500	425,000	-500	430,000	-2,600	431,000	-3,500	432,500
GR	-2,600	434,000	-500	435,000	4,500	635,000	6,200	835,000	-0.	-0.
SP	1,250	1,600	2,800	-0.	26,400	15,000	78,500	.860	-3,500	-3,500
X1	2,300	-0.	-0.	-0.	65,000	65,000	65,000	-0.	-0.	-0.
X2	-0.	-0.	1,900	1,500	3,700	-0.	-0.	-0.	-0.	-0.
X3	10,000	-0.	-0.	-0.	-0.	-0.	-0.	3,700	3,700	-0.
BT	24,000	-0.	5,400	5,400	200,000	3,400	3,400	400,000	3,700	-5,00
BT	401,000	3,700	1,300	402,500	3,300	1,900	404,000	3,700	1,300	405,000
BT	3,700	-500	410,000	3,700	-500	411,000	3,700	.900	412,500	3,700
BT	1,800	414,000	3,700	.900	415,000	3,700	-500	420,000	3,700	-5,00
BT	421,000	3,700	.400	422,500	3,700	1,300	424,000	3,700	.400	425,000
BT	3,700	-500	430,000	3,700	-500	431,000	3,700	.400	432,500	3,700
BT	.400	434,000	3,700	1,300	435,000	3,700	0.	635,000	4,500	4,500
BT	835,000	6,200	6,200	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	2,400	12,000	387,000	446,000	50,000	50,000	50,000	-0.	-0.	-0.
GR	5,400	-0.	3,400	200,000	3,700	387,000	-1,000	399,000	-3,500	412,500
GR	-3,700	413,000	-3,700	423,000	-3,500	431,000	0.	436,500	3,800	446,000
GR	4,500	635,000	6,200	835,000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	31,100	12,000	400,000	475,000	850,000	850,000	850,000	-0.	-0.	-0.
GR	5,900	-0.	5,500	100,000	4,300	300,000	2,100	400,000	-7,70	410,000
GR	-3,300	420,000	-700	470,000	2,500	475,000	-5,300	575,000	-5,600	665,000
GR	6,600	775,000	6,900	875,000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	31,200	12,000	400,000	419,000	100,000	100,000	100,000	-0.	-0.	-0.
X3	10,000	-0.	-0.	-0.	-0.	-0.	-0.	3,500	2,400	-0.
GR	5,600	-0.	4,900	200,000	4,100	390,000	4,400	400,000	-3,600	410,000
GR	-4,300	409,500	-1,800	419,000	4,500	419,000	3,900	440,000	2,400	619,000
GR	3,000	619,600	6,600	2010,000	-0.	-0.	-0.	-0.	-0.	-0.

SB	1.050	1.600	2.800	-0.	15.000	2.500	104.000	0.300	-4.200	-4.400
X1	31.300	-0.	-0.	-0.	38.000	38.000	38.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	2.900	2.400	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.100	2.400	-0.
BT	5.000	-0.	5.600	-0.	200.000	4.900	-0.	400.000	4.400	-0.
BT	619.000	2.400	-0.	819.000	3.000	-0.	-0.	-0.	-0.	-0.
X1	3.200	13.000	400.000	442.600	60.000	60.000	60.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.000	4.000	-0.
GR	5.800	-0.	5.800	200.000	5.000	380.000	5.400	400.000	7.000	400.000
GR	-8.000	410.000	-3.100	421.300	-8.000	434.600	3.000	442.600	5.400	442.600
GR	4.900	462.600	5.800	542.600	6.000	842.600	-0.	-0.	-0.	-0.
SB	1.050	1.600	2.800	-0.	18.000	1.250	174.000	2.000	-3.100	-3.000
X1	3.300	-0.	-0.	-0.	37.000	37.000	37.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	3.300	4.900	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	5.000	4.900	-0.
BT	6.000	-0.	5.800	-0.	380.000	5.000	-0.	400.000	5.400	-0.
BT	442.600	4.900	-0.	642.600	5.800	-0.	842.600	6.000	-0.	-0.
X1	3.400	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
NC	-0.	-0.	-0.	1.000	3.000	-0.	-0.	-0.	-0.	-0.
X1	4.000	12.000	280.000	670.000	2650.000	3200.000	3100.000	-0.	-0.	-0.
GR	8.000	-0.	7.600	100.000	7.900	200.000	2.100	280.000	1.700	465.000
GR	1.600	472.000	2.000	485.000	1.700	584.000	2.400	670.000	2.700	680.000
GR	9.400	780.000	9.500	830.000	-0.	-0.	-0.	-0.	-0.	-0.
X1	41.100	14.000	178.000	200.000	1100.000	930.000	900.000	-0.	-0.	-0.
GR	9.500	-0.	6.000	8.000	4.750	20.000	3.400	65.000	2.100	100.000
GR	2.100	130.000	1.800	178.000	-1.800	187.000	1.800	200.000	1.400	300.000
GR	5.700	4.0.000	7.000	430.000	8.400	500.000	8.500	520.000	-0.	-0.
NC	-0.	-0.	0.010	0.300	4.500	-0.	-0.	-0.	-0.	-0.
X1	41.200	12.000	392.000	408.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	8.100	8.100	-0.
GR	5.600	-0.	9.700	100.000	9.900	200.000	9.600	300.000	9.600	392.000
GR	-2.400	392.000	-2.400	408.000	9.600	406.000	9.800	500.000	9.800	600.000
GR	10.100	700.000	10.000	800.000	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.250	1.600	2.800	-0.	18.300	2.300	135.000	0.	-1.900	-1.900
X1	41.300	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	6.500	5.600	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	9.600	9.600	-0.
BT	8.000	-0.	9.600	-0.	100.000	9.700	-0.	200.000	9.900	-0.
BT	406.000	9.600	-0.	506.000	9.800	-0.	600.000	9.800	-0.	700.000
BT	10.100	-0.	200.000	10.000	-0.	-0.	-0.	-0.	-0.	-0.

THIS RUN EXECUTED 31 JAN 83 15.58.28

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
ERROR CORR - 01,02,03,04,05  
MODIFICATION - 50,51,52,53,54,55  
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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES  
T2 CHARLES CREEK  
T3 50-YEAR FLOOD
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J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	MSEL	FQ
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 31 JAN 83 15.58.28

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
ERROR CORR - 01,02,03,04,05  
MODIFICATION - 50,51,52,53,54,55  
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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES  
T2 CHARLES CREEK  
T3 100-YEAR FLOOD
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J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	4.	-0.	-0. -0.		-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.309	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 31 JAN 83 15.58.29

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 CHARLES CREEK
 T3 500-YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	.001800	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 31 JAN 83 15.58.29

 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CWSEL	CRISW	EG	10K*S	VCH	AREA	*01K
1.100	0.	0.	0.	-6.10	174.00	.25	-4.08	.26	1.20	.70	249.27	158.85
1.100	0.	0.	0.	-6.10	353.00	.25	-3.38	.28	4.94	1.42	249.27	158.85
1.100	0.	0.	0.	-6.10	460.00	.25	-3.03	.30	8.39	1.85	249.27	158.85
1.100	0.	0.	0.	-6.10	800.00	.56	-2.22	.78	18.17	2.84	282.08	187.67
1.200	100.00	0.	0.	-6.10	174.00	.26	-4.08	.27	1.19	.70	250.21	159.66
1.200	100.00	0.	0.	-6.10	353.00	.30	-3.38	.33	4.74	1.39	253.15	162.19
1.200	100.00	0.	0.	-6.10	460.00	.33	-3.03	.38	7.81	1.80	255.87	164.55
1.200	100.00	0.	0.	-6.10	800.00	.84	-2.20	.95	15.77	2.69	297.34	201.47
1.300	36.00	2.10	7.90	-6.10	174.00	.26	0.	.27	1.19	.70	250.26	159.70
1.300	36.00	2.10	7.90	-6.10	353.00	.30	0.	.33	4.73	1.39	253.37	162.38
1.300	36.00	2.10	7.90	-6.10	460.00	.34	0.	.39	7.78	1.79	256.28	164.90
1.300	36.00	2.10	7.90	-6.10	800.00	.85	0.	.97	15.59	2.68	298.60	202.62
1.400	50.00	0.	0.	-6.10	174.00	.27	-4.08	.28	1.18	.69	250.73	160.10
1.400	50.00	0.	0.	-6.10	353.00	.33	-3.38	.36	4.63	1.38	255.24	164.00
1.400	50.00	0.	0.	-6.10	460.00	.38	-3.04	.43	7.53	1.77	259.37	167.59
1.400	50.00	0.	0.	-6.10	800.00	.94	-2.21	1.04	14.68	2.62	305.31	208.78
2.100	1100.00	0.	0.	-3.70	174.00	.52	-2.60	.54	3.52	1.21	143.70	92.80
2.100	1100.00	0.	0.	-3.70	353.00	1.07	-1.99	1.14	9.38	2.10	167.96	115.28
2.100	1100.00	0.	0.	-3.70	460.00	1.43	-1.69	1.53	12.22	2.49	184.79	131.57
2.100	1100.00	0.	0.	-3.70	800.00	2.63	-0.86	2.80	16.93	3.26	245.37	194.41
2.200	100.00	0.	0.	-3.70	174.00	.52	-1.34	.60	2.89	2.28	76.26	102.40
2.200	100.00	0.	0.	-3.7	353.00	1.07	-1.16	1.28	5.62	3.70	95.48	148.93
2.200	100.00	0.	0.	-3.70	460.00	1.42	.06	1.71	5.35	4.26	107.90	182.61
2.200	100.00	0.	0.	-3.70	800.00	2.59	2.55	3.04	6.60	5.38	148.64	311.41
2.300	65.00	3.70	1.50	-3.70	174.00	.77	0.	.83	2.01	2.05	85.04	122.79
2.300	65.00	3.70	1.50	-3.70	353.00	1.89	0.	2.02	2.33	2.84	124.30	231.15
2.300	65.00	3.70	1.50	-3.70	460.00	2.59	0.	2.74	2.18	3.09	148.74	311.70
2.300	65.00	3.70	1.50	-3.70	800.00	3.84	0.	3.98	1.84	3.38	1356.75	589.78

SECNO	XLCH	ELTRD	ELLUC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	*01K
2.400	50.00	0.	0.	-3.70	174.00	.83	-2.60	.85	.05	1.11	157.44	351.25
2.400	50.00	0.	0.	-3.70	353.00	2.00	-1.99	2.04	.44	1.66	212.70	532.52
2.400	50.00	0.	0.	-3.70	460.00	2.72	-1.69	2.77	.48	1.84	249.92	664.53
2.400	50.00	0.	0.	-3.70	800.00	3.90	-.86	4.00	.74	2.51	397.72	931.58
31.100	850.00	0.	0.	-3.30	174.00	.96	-1.61	.98	2.73	.94	184.93	105.38
31.100	850.00	0.	0.	-3.30	353.00	2.19	-1.06	2.21	3.47	1.30	272.74	189.58
31.100	850.00	0.	0.	-3.30	460.00	2.90	-.79	2.93	3.26	1.41	343.52	254.94
31.100	850.00	0.	0.	-3.30	800.00	4.16	-.24	4.21	4.03	1.85	565.50	398.68
31.200	100.00	0.	0.	-4.30	174.00	.99	-2.18	1.06	10.06	2.04	85.21	54.87
31.200	100.00	0.	0.	-4.30	353.00	2.20	-1.31	2.37	20.84	3.26	108.42	77.33
31.200	100.00	0.	0.	-4.30	460.00	2.90	-.88	3.11	24.60	3.70	180.84	92.75
31.200	100.00	0.	0.	-4.30	800.00	4.20	.28	4.35	21.20	3.68	879.21	173.75
31.300	38.00	2.40	2.90	-4.30	174.00	1.00	0.	1.07	3.94	2.03	85.55	55.19
31.300	38.00	2.40	2.90	-4.30	353.00	2.29	0.	2.45	19.96	3.21	110.89	79.81
31.300	38.00	2.40	2.90	-4.30	460.00	2.90	0.	3.11	24.80	3.72	177.62	92.38
31.300	38.00	2.40	2.90	-4.30	800.00	4.20	0.	4.35	21.19	3.68	879.59	173.79
3.200	60.00	0.	0.	-3.10	174.00	1.09	-.80	1.14	12.90	1.80	96.89	48.45
3.200	60.00	0.	0.	-3.10	353.00	2.49	-.04	2.57	11.67	2.26	156.42	103.35
3.200	60.00	0.	0.	-3.10	460.00	3.14	.28	3.24	11.87	2.49	184.42	133.53
3.200	60.00	0.	0.	-3.10	800.00	4.30	1.04	4.48	17.36	3.42	233.62	191.99
3.300	37.00	4.90	3.10	-3.10	174.00	1.09	0.	1.14	12.84	1.79	97.02	48.55
3.300	37.00	4.90	3.10	-3.10	353.00	2.49	0.	2.57	11.62	2.25	156.60	103.54
3.300	37.00	4.90	3.10	-3.10	460.00	3.22	0.	3.32	11.21	2.45	187.85	137.39
3.300	37.00	4.90	3.10	-3.10	800.00	4.55	0.	4.82	14.27	3.21	249.19	211.75
3.400	50.00	0.	0.	-3.10	174.00	1.16	-.80	1.20	11.75	1.74	99.76	50.76
3.400	50.00	0.	0.	-3.10	353.00	2.55	-.04	2.63	11.07	2.22	159.08	106.11
3.400	50.00	0.	0.	-3.10	460.00	3.28	.28	3.37	10.77	2.42	190.31	140.17
3.400	50.00	0.	0.	-3.10	800.00	4.74	1.01	4.90	13.71	3.17	252.55	216.09
4.000	3100.00	0.	0.	1.60	174.00	2.80	2.07	2.81	3.30	.50	350.99	95.74
4.000	3100.00	0.	0.	1.60	353.00	3.56	2.19	3.57	1.74	.55	658.90	267.79
4.000	3100.00	0.	0.	1.60	460.00	4.06	2.25	4.06	1.22	.55	864.96	415.63
4.000	3100.00	0.	0.	1.60	800.00	5.35	2.41	5.36	.76	.59	1421.37	917.46
41.100	900.00	0.	0.	-1.80	174.00	3.20	1.07	3.22	6.03	1.53	375.13	70.88
41.100	900.00	0.	0.	-1.80	353.00	3.90	2.21	3.94	9.07	2.14	580.37	117.22
41.100	900.00	0.	0.	-1.80	460.00	4.34	2.44	4.38	9.10	2.30	722.13	152.47
41.100	900.00	0.	0.	-1.80	800.00	5.56	2.94	5.60	8.35	2.60	1163.56	275.83
41.200	100.00	0.	0.	-2.40	174.00	3.19	-.86	3.24	.35	1.95	89.38	293.75
41.200	100.00	0.	0.	-2.40	353.00	3.84	.07	4.04	1.06	3.53	99.89	342.62
41.200	100.00	0.	0.	-2.40	460.00	4.24	.55	4.53	1.52	4.33	106.28	372.98
41.200	100.00	0.	0.	-2.40	800.00	5.30	1.86	5.95	3.09	6.49	123.17	455.31

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	E6	10K+S	VCH	AREA	*01K
41.300	50.00	9.60	6.50	-2.40	174.00	3.20	0.	3.26	.35	1.94	89.61	294.82
41.300	50.00	9.60	6.50	-2.40	353.00	3.90	0.	4.10	1.03	3.50	100.88	347.30
41.300	50.00	9.60	6.50	-2.40	460.00	4.35	0.	4.63	1.46	4.26	107.97	381.09
41.300	50.00	9.60	6.50	-2.40	800.00	5.63	0.	6.23	2.76	6.23	128.45	481.58
41.400	50.00	0.	0.	-2.40	174.00	3.20	-0.86	3.26	.35	1.94	89.64	294.95
41.400	50.00	0.	0.	-2.40	353.00	3.91	.06	4.10	1.03	3.50	100.96	347.69
41.400	50.00	0.	0.	-2.40	460.00	4.36	.54	4.64	1.45	4.26	108.09	381.66
41.400	50.00	0.	0.	-2.40	800.00	5.64	1.85	6.25	2.75	6.22	128.69	482.75
5.100	1290.00	0.	0.	-.90	126.00	3.32	1.48	3.86	8.97	1.65	76.54	42.06
5.100	1290.00	0.	0.	-.90	257.00	4.97	2.30	5.06	13.66	2.41	106.55	69.53
5.100	1290.00	0.	0.	-.90	337.00	5.51	2.58	5.73	15.21	2.73	123.29	86.42
5.100	1290.00	0.	0.	-.90	592.00	7.06	3.37	7.27	21.14	3.65	195.27	126.75
5.200	100.00	0.	0.	-.90	126.00	3.31	1.49	3.95	8.14	1.59	79.02	44.17
5.200	100.00	0.	0.	-.90	257.00	5.11	2.29	5.19	12.39	2.33	110.08	73.01
5.200	100.00	0.	0.	-.90	337.00	5.77	2.58	5.88	13.84	2.65	127.28	96.59
5.200	100.00	0.	0.	-.90	592.00	7.29	3.37	7.47	18.59	3.47	244.68	137.39
5.300	9.00	6.50	6.00	-.90	126.00	3.33	0.	3.97	7.99	1.59	79.49	44.58
5.300	9.00	6.50	6.00	-.90	257.00	5.14	0.	5.23	12.06	2.31	111.07	74.00
5.300	9.00	6.50	6.00	-.90	337.00	5.31	0.	5.92	13.45	2.62	128.52	91.90
5.300	9.00	6.50	6.00	-.90	592.00	7.29	0.	7.47	18.60	3.47	244.37	137.26
5.400	50.00	0.	0.	-.90	126.00	3.37	1.48	4.01	7.67	1.56	80.54	45.48
5.400	50.00	0.	0.	-.90	257.00	5.21	2.29	5.29	11.56	2.28	112.66	75.58
5.400	50.00	0.	0.	-.90	337.00	5.38	2.58	5.99	12.91	2.59	130.29	93.78
5.400	50.00	0.	0.	-.90	592.00	7.39	3.37	7.57	17.56	3.40	272.34	141.29
6.100	660.00	0.	0.	.60	126.00	4.25	2.12	4.26	2.61	.98	340.08	78.01
6.100	660.00	0.	0.	.60	257.00	5.33	2.65	5.54	2.28	1.17	678.27	170.30
6.100	660.00	0.	0.	.60	337.00	6.21	2.91	6.23	2.03	1.22	901.13	236.55
6.100	660.00	0.	0.	.60	592.00	7.74	3.53	7.74	1.35	1.19	2740.12	509.52
* 6.200	100.00	0.	0.	1.70	126.00	5.35	5.35	6.93	799.27	10.09	12.49	4.46
* 6.200	100.00	0.	0.	1.70	257.00	7.38	7.98	8.14	128.53	4.88	332.39	22.67
* 6.200	100.00	0.	0.	1.70	337.00	8.06	8.06	8.22	149.86	5.32	414.83	27.53
* 6.200	100.00	0.	0.	1.70	592.00	8.19	8.19	8.41	251.38	6.99	567.49	37.34
* 6.300	32.00	7.20	5.70	1.70	126.00	6.54	0.	7.37	367.89	7.31	17.24	6.57
* 6.300	32.00	7.20	5.70	1.70	257.00	8.00	0.	8.14	113.15	4.59	358.49	24.16
* 6.300	32.00	7.20	5.70	1.70	337.00	8.09	0.	8.22	129.76	4.97	447.78	29.58
* 6.300	32.00	7.20	5.70	1.70	592.00	8.25	0.	8.41	201.23	6.29	635.53	41.73
6.400	50.00	0.	0.	.60	126.00	7.52	2.12	7.52	.07	.27	2475.72	475.64
6.400	50.00	0.	0.	.60	257.00	8.18	2.65	8.18	.15	.41	3960.49	670.97
6.400	50.00	0.	0.	.60	337.00	8.27	2.90	8.27	.23	.52	4222.18	706.75
6.400	50.00	0.	0.	.60	592.00	8.46	3.51	8.47	.55	.82	4881.05	796.66

10-YEAR FLJDD

SUMMARY PRINTOUT TABLE 153

SECD	U	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.100	174.00	.25	0.	0.	0.	78.17	0.
1.100	353.00	.25	0.	0.	0.	78.17	0.
1.100	460.00	.25	0.	0.	0.	78.17	0.
1.100	800.00	.66	.41	0.	.41	82.92	0.
1.200	174.00	.26	0.	.01	0.	78.31	100.00
1.200	353.00	.30	.04	.05	0.	78.74	100.00
1.200	460.00	.33	.03	.08	0.	79.14	100.00
1.200	800.00	.84	.51	.19	0.	85.04	100.00
1.300	174.00	.26	0.	.00	0.	78.31	36.00
1.300	353.00	.30	.04	.00	0.	78.77	36.00
1.300	460.00	.34	.04	.00	0.	79.20	36.00
1.300	800.00	.85	.51	.01	0.	85.22	36.00
1.400	174.00	.27	0.	.01	0.	78.38	50.00
1.400	353.00	.33	.05	.02	0.	79.05	50.00
1.400	460.00	.38	.05	.04	0.	79.66	50.00
1.400	800.00	.94	.56	.08	0.	86.13	50.00
2.100	174.00	.52	0.	.25	0.	42.56	1100.00
2.100	353.00	1.07	.55	.74	0.	45.44	1100.00
2.100	460.00	1.43	.36	1.05	0.	47.28	1170.00
2.100	800.00	2.63	1.20	1.70	0.	53.36	1100.00
2.200	174.00	.52	0.	.00	0.	35.00	100.00
2.200	353.00	1.07	.55	-.00	0.	35.00	100.00
2.200	460.00	1.42	.35	-.01	0.	35.00	100.00
2.200	800.00	2.59	1.16	-.05	0.	35.00	100.00
2.300	174.00	.77	0.	.25	0.	35.00	65.00
2.300	353.00	1.89	1.12	.82	0.	35.00	65.00
2.300	460.00	2.59	.70	1.17	0.	35.00	65.00
2.300	800.00	3.34	1.25	1.25	0.	452.55	65.00
2.400	174.00	.83	0.	.06	0.	44.26	50.00
2.400	353.00	2.00	1.17	.11	0.	50.17	50.00
2.400	460.00	2.72	.72	.13	0.	53.79	50.00
2.400	800.00	3.90	1.19	.07	0.	324.58	50.00
31.100	174.00	.96	0.	.13	0.	68.54	850.00
31.100	353.00	2.19	1.22	.18	0.	78.44	850.00
31.100	460.00	2.50	.71	.13	0.	125.73	850.00
31.100	800.00	4.16	1.26	.25	0.	227.59	850.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
31.200	174.00	.99	0.	.03	0.	19.00	100.00
31.200	353.00	2.20	1.21	.02	0.	19.00	100.00
31.200	460.00	2.90	.70	.00	0.	250.18	100.00
31.200	800.00	4.20	1.30	.05	0.	835.50	100.00
31.300	174.00	1.00	0.	.01	0.	19.00	38.00
31.300	353.00	2.29	1.29	.09	0.	19.00	38.00
31.300	460.00	2.90	.51	.00	0.	244.28	38.00
31.300	800.00	4.20	1.30	.00	0.	835.30	38.00
3.200	174.00	1.09	0.	.09	0.	42.50	60.00
3.200	353.00	2.49	1.40	.19	0.	42.50	60.00
3.200	460.00	3.14	.65	.24	0.	42.50	60.00
3.200	800.00	4.30	1.15	.09	0.	42.50	60.00
3.300	174.00	1.09	0.	.00	0.	42.50	37.00
3.300	353.00	2.49	1.40	.00	0.	42.50	37.00
3.300	460.00	3.22	.73	.08	0.	42.50	37.00
3.300	800.00	4.66	1.44	.37	0.	42.50	37.00
3.400	174.00	1.16	0.	.06	0.	42.50	50.00
3.400	353.00	2.55	1.39	.06	0.	42.50	50.00
3.400	460.00	3.28	.73	.06	0.	42.50	50.00
3.400	800.00	4.74	1.45	.08	0.	42.50	50.00
4.000	174.00	2.80	0.	1.65	0.	400.26	3100.00
4.000	353.00	3.56	.75	1.01	0.	411.76	3100.00
4.000	460.00	4.05	.50	.78	0.	419.27	3100.00
4.000	800.00	5.35	1.23	.61	0.	438.94	3100.00
41.100	174.00	3.20	0.	.39	0.	271.06	900.00
41.100	353.00	3.90	.70	.34	0.	709.78	900.00
41.100	460.00	4.34	.44	.29	0.	334.68	900.00
41.100	800.00	5.56	1.22	.21	0.	384.40	900.00
41.200	174.00	3.19	0.	-.01	0.	16.00	100.00
41.200	353.00	3.84	.66	-.06	0.	16.00	100.00
41.200	460.00	4.24	.40	-.10	0.	16.00	100.00
41.200	800.00	5.30	1.06	-.26	0.	16.00	100.00
41.300	174.00	3.20	0.	.01	0.	16.00	50.00
41.300	353.00	3.90	.70	.06	0.	16.00	50.00
41.300	460.00	4.35	.44	.11	0.	16.00	50.00
41.300	800.00	5.63	1.28	.33	0.	16.00	50.00
41.400	174.00	3.20	0.	.00	0.	16.00	50.00
41.400	353.00	3.91	.71	.01	0.	16.00	50.00
41.400	460.00	4.36	.45	.01	0.	16.00	50.00
41.400	800.00	5.64	1.29	.02	0.	16.00	50.00

START
Case 83

SECNO	G	CWSEL	DIFWSP	DIFMSX	DIFKWS	TOPWID	XLCH	
5.100	126.00	3.82	0.	.62	0.	26.00	1290.00	
5.100	257.00	4.97	1.15	1.05	0.	26.00	1290.00	
5.100	337.00	5.61	.64	1.26	0.	26.00	1290.00	
5.100	592.00	7.06	1.45	1.42	0.	163.45	1290.00	
5.200	126.00	3.91	0.	.09	0.	26.00	100.00	
5.200	257.00	5.11	1.13	.14	0.	26.00	100.00	
5.200	337.00	5.77	.66	.15	0.	26.00	100.00	
5.200	592.00	7.29	1.52	.23	0.	274.69	100.00	
5.300	126.00	3.93	0.	.02	0.	26.00	9.00	
5.300	257.00	5.14	1.21	.04	0.	26.00	9.00	
5.300	337.00	5.81	.67	.05	0.	26.00	9.00	
5.300	592.00	7.29	1.47	-.00	0.	274.13	9.00	
5.400	126.00	3.97	0.	.04	0.	26.00	50.00	
5.400	257.00	5.21	1.24	.06	0.	26.00	50.00	
5.400	337.00	5.88	.68	.07	0.	26.00	50.00	
5.400	592.00	7.39	1.51	.10	0.	320.52	50.00	
6.100	126.00	4.25	0.	.28	0.	227.64	660.00	
6.100	257.00	5.53	1.27	.32	0.	304.65	660.00	
6.100	337.00	6.21	.68	.33	0.	346.16	660.00	
6.100	592.00	7.74	1.52	.34	0.	2405.53	660.00	
*	6.200	126.00	5.35	0.	1.10	0.	4.00	100.00
*	6.200	257.00	7.98	2.62	2.45	0.	956.84	100.00
*	6.200	337.00	8.06	.08	1.85	0.	1043.20	100.00
*	6.200	592.00	8.19	.13	.45	0.	1321.85	100.00
*	6.300	126.00	6.54	0.	1.19	0.	4.00	32.00
*	6.300	257.00	8.00	1.46	.03	0.	985.00	32.00
*	6.300	337.00	8.09	.09	.03	0.	1075.79	32.00
*	6.300	592.00	8.25	.16	.06	0.	1449.35	32.00
6.400	126.00	7.62	0.	1.08	0.	2234.35	50.00	
6.400	257.00	8.18	.55	.18	0.	3074.51	50.00	
6.400	337.00	8.27	.08	.18	0.	3199.80	50.00	
6.400	592.00	8.46	.20	.21	0.	3495.42	50.00	

X1	1.400	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
NC	-0.	-0.	-0.	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	2.100	12.000	367.000	446.000	1250.000	850.000	1100.000	-0.	-0.	-0.
GR	5.400	-0.	3.400	200.000	3.700	387.000	-1.000	399.000	-3.500	402.500
GR	-3.700	413.000	-3.700	423.000	-3.500	431.000	0.	436.500	3.800	446.000
GR	4.500	635.000	6.200	835.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.015	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	2.200	24.000	400.000	435.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	2.800	2.900	-0.
GR	5.400	-0.	3.400	200.000	-500	400.000	-2.600	401.000	-3.500	402.500
GR	-2.500	404.000	-500	405.000	-500	410.000	-2.800	411.000	-3.700	412.500
GR	-2.800	414.000	-500	415.000	-500	420.000	-2.800	421.000	-3.700	422.500
GR	-2.800	424.000	-500	425.000	-500	430.000	-2.600	431.000	-3.500	432.500
GR	-2.600	434.000	-500	435.000	4.500	635.000	6.200	835.000	-0.	-0.
SB	1.250	1.600	2.800	-0.	26.400	15.000	78.500	.800	-3.500	-3.500
X1	2.300	-0.	-0.	-0.	65.000	65.000	65.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	1.500	3.700	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.700	3.700	-0.
BT	24.000	-0.	5.400	5.400	200.000	3.400	3.400	400.000	3.700	-5.00
BT	401.000	3.700	1.300	402.500	3.300	1.900	404.000	3.700	1.300	405.000
BT	3.700	-5.00	410.000	3.700	-5.00	411.000	3.700	.900	412.500	3.700
BT	1.800	414.000	3.700	.900	415.000	3.700	-5.00	420.000	3.700	-5.00
BT	421.000	3.700	.400	422.500	3.700	1.300	424.000	3.700	.400	425.000
BT	3.700	-5.00	430.000	3.700	-5.00	431.000	3.700	.400	432.500	3.700
BT	.400	434.000	3.700	1.300	435.000	3.700	0.	635.000	4.500	4.500
BT	835.000	6.200	6.200	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	2.400	12.000	387.000	446.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	5.400	-0.	3.400	200.000	3.700	387.000	-1.000	399.000	-3.500	402.500
GR	-3.700	413.000	-3.700	423.000	-3.500	431.000	0.	436.500	3.800	446.000
GR	4.500	635.000	6.200	835.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	31.100	12.000	400.000	475.000	850.000	850.000	850.000	-0.	-0.	-0.
GR	5.900	-0.	5.500	110.000	4.300	300.000	2.100	400.000	-5.700	410.000
GR	-3.300	420.000	-700	470.000	2.500	475.000	5.300	575.000	5.600	665.000
GR	6.500	775.000	6.900	875.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	31.200	12.000	400.000	419.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.500	2.400	-0.
GR	5.600	-0.	4.900	200.000	4.100	390.000	4.400	400.000	-3.600	400.000
GR	-4.300	409.500	-1.800	419.000	4.500	419.000	3.900	440.000	2.400	619.000
GR	3.000	819.000	6.600	2010.000	-0.	-0.	-0.	-0.	-0.	-0.

SB	1.050	1.600	2.800	-0.	15.000	2.500	104.000	.300	-4.200	-4.400
X1	31.300	-0.	-0.	-0.	38.000	38.000	38.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	2.900	2.400	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.100	2.400	-0.
BT	5.000	-0.	5.600	-0.	200.000	4.900	-0.	400.000	4.400	-0.
BT	619.000	2.400	-0.	819.000	3.000	-0.	-0.	-0.	-0.	-0.
X1	3.200	13.000	400.000	442.600	60.000	60.000	60.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.000	4.000	-0.
GR	5.800	-0.	5.800	200.000	5.000	380.000	5.400	400.000	.700	400.000
GR	-800	410.000	-3.100	421.300	-800	434.600	.300	442.600	5.400	442.600
GR	4.900	462.600	5.800	542.600	6.000	842.600	-0.	-0.	-0.	-0.
SB	1.050	1.600	2.800	-0.	18.000	1.250	174.000	2.000	-3.100	-3.000
X1	3.300	-0.	-0.	-0.	37.000	37.000	37.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	3.100	4.900	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	5.000	4.900	-0.
BT	6.000	-0.	5.800	-0.	380.000	5.000	-0.	400.000	5.400	-0.
BT	442.600	4.900	-0.	542.600	5.800	-0.	842.600	6.000	-0.	-0.
X1	3.400	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
NC	-0.	-0.	-0.	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	4.000	12.000	280.000	670.000	2650.000	3200.000	3100.000	-0.	-0.	-0.
GR	8.000	-0.	7.600	100.000	7.900	200.000	2.100	280.000	1.700	465.000
GR	1.600	472.000	2.000	485.00	1.700	584.000	2.400	670.000	9.700	680.000
GR	9.400	780.000	9.500	830.000	-0.	-0.	-0.	-0.	-0.	-0.
X1	41.100	14.000	178.000	200.000	1100.000	900.000	900.000	-0.	-0.	-0.
GR	9.500	-0.	6.000	8.000	4.750	20.000	3.400	65.000	2.100	100.000
GR	2.100	130.000	1.800	178.000	-1.800	187.000	1.800	200.000	1.400	300.000
GR	5.700	400.000	7.000	400.000	8.400	500.000	8.500	520.000	-0.	-0.
NC	-0.	-0.	.010	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	41.200	12.000	392.000	408.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	8.100	8.100	-0.
GR	9.600	-0.	9.700	100.000	9.900	200.000	9.600	300.000	9.600	392.000
GR	-2.400	392.000	-2.400	408.000	9.600	408.000	9.600	500.000	9.800	600.000
GR	10.100	700.000	10.000	800.000	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.250	1.600	2.800	-0.	18.300	2.300	135.000	0.	-1.900	-1.900
X1	41.300	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	6.500	9.600	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	9.600	9.600	-0.
BT	8.000	-0.	9.600	-0.	100.000	9.700	-0.	200.000	9.900	-0.
BT	400.000	9.600	-0.	500.000	9.800	-0.	600.000	9.800	-0.	700.000
BT	10.100	-0.	800.000	10.000	-0.	-0.	-0.	-0.	-0.	-0.

THIS RUN EXECUTED 01 FEB 83 09.06.48

 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 CHARLES CREEK
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPL01	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITR ACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01 FEB 83 09.06.49

 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLDD

SUMMARY PRINTOUT TABLE 110

SECD	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.100	.25	0.	.30	78.17	0.	460.00	0.	0.	0.	400.00	548.00	0.
1.100	1.25	1.00	1.28	89.84	0.	460.00	0.	0.	400.00	400.00	548.00	548.00
1.200	.33	0.	.39	79.14	0.	460.00	0.	0.	0.	400.00	548.00	0.
1.200	1.29	.95	1.32	90.28	0.	460.00	0.	0.	400.00	400.00	548.00	548.00
1.300	.34	0.	.39	79.20	0.	460.00	0.	0.	0.	400.00	548.00	0.
1.300	1.34	1.00	1.37	90.88	0.	460.00	0.	0.	0.	400.00	548.00	0.
1.400	.38	0.	.43	79.66	0.	460.00	0.	0.	0.	400.00	548.00	0.
1.400	1.36	.98	1.39	91.09	0.	460.00	0.	0.	400.00	400.00	548.00	548.00
2.100	1.43	0.	1.53	47.28	0.	460.00	0.	0.	0.	387.00	446.00	0.
2.100	1.98	.55	2.06	50.07	0.	460.00	0.	0.	387.00	387.00	446.00	446.00
2.200	1.42	0.	1.71	35.00	0.	460.00	0.	0.	0.	400.00	435.00	0.
2.200	1.97	.55	2.17	35.00	0.	460.00	0.	0.	400.00	400.00	435.00	435.00
2.300	2.59	0.	2.74	35.00	0.	460.00	0.	0.	0.	400.00	435.00	0.
2.300	3.59	1.00	3.69	35.00	0.	460.00	0.	0.	0.	400.00	435.00	0.
2.400	2.72	0.	2.77	53.79	0.	460.00	0.	0.	0.	387.00	446.00	0.
2.400	3.67	.95	3.71	58.61	0.	460.00	0.	.00	387.00	387.00	446.00	446.00
31.100	2.90	0.	2.93	125.73	1.06	458.81	.13	0.	0.	400.00	475.00	0.
31.100	3.76	.88	3.80	75.00	0.	460.00	0.	.02	400.00	400.00	475.00	475.00
31.200	2.90	0.	3.11	250.18	0.	451.24	8.76	0.	0.	400.00	419.00	0.
31.200	3.76	.86	3.93	19.00	0.	460.00	0.	.24	400.00	400.00	419.00	419.00
31.300	2.90	0.	3.11	244.28	0.	451.79	8.21	0.	0.	400.00	419.00	0.
31.300	3.76	.86	3.93	19.00	0.	460.00	0.	.24	400.00	400.00	419.00	419.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3.200	3.14	0.	3.24	42.60	0.	460.00	0.	0.	0.	400.00	442.60	0.
3.200	3.96	.81	4.02	42.60	0.	460.00	0.	0.	400.00	400.00	442.60	442.60
3.300	3.22	0.	3.32	42.60	0.	460.00	0.	0.	0.	400.00	442.60	0.
3.300	4.22	1.00	4.29	42.60	0.	460.00	0.	0.	0.	400.00	442.60	0.
3.400	3.28	0.	3.37	42.60	0.	460.00	0.	0.	0.	400.00	442.60	0.
3.400	4.26	.97	4.32	42.60	0.	460.00	0.	0.	400.00	400.00	442.60	442.60
4.000	4.06	0.	4.06	419.27	2.14	457.74	.12	0.	0.	280.00	670.00	0.
4.000	4.64	.58	4.64	390.00	0.	460.00	0.	.01	280.00	280.00	670.00	670.00
41.100	4.34	0.	4.38	334.68	90.71	219.95	149.34	0.	0.	178.00	200.00	0.
41.100	4.82	.48	4.92	104.32	31.29	318.76	109.95	.39	157.45	178.00	200.00	261.78
41.200	4.24	0.	4.53	16.00	0.	460.00	0.	0.	0.	392.00	408.00	0.
41.200	4.77	.53	5.02	16.00	0.	460.00	0.	0.	392.00	392.00	408.00	408.00
41.300	4.35	0.	4.63	16.00	0.	460.00	0.	0.	0.	392.00	408.00	0.
41.300	5.35	1.00	5.56	16.00	0.	460.00	0.	0.	0.	392.00	408.00	0.
41.400	4.36	0.	4.64	16.00	0.	460.00	0.	0.	0.	392.00	408.00	0.
41.400	5.35	1.00	5.57	16.00	0.	460.00	0.	0.	392.00	392.00	408.00	408.00
5.100	5.61	0.	5.73	26.00	0.	337.00	0.	0.	0.	3490.00	3516.00	0.
5.100	6.24	.62	6.33	26.00	0.	337.00	0.	.00	3490.00	3490.00	3516.00	3516.00
5.200	5.77	0.	5.88	26.00	0.	337.00	0.	0.	0.	3490.00	3516.00	0.
5.200	6.34	.58	6.43	26.00	0.	337.00	0.	.00	3490.00	3490.00	3516.00	3516.00
5.300	5.81	0.	5.92	26.00	0.	337.00	0.	0.	0.	3490.00	3516.00	0.
5.300	6.39	.58	6.48	26.00	0.	337.00	0.	.00	3490.00	3490.00	3516.00	3516.00
5.400	5.88	0.	5.99	26.00	0.	337.00	0.	0.	0.	3490.00	3516.00	0.
5.400	6.44	.56	6.53	26.00	0.	337.00	0.	.00	3490.00	3490.00	3516.00	3516.00
6.100	6.21	0.	6.23	346.16	65.62	179.45	91.93	0.	0.	3590.00	3620.00	0.
6.100	6.77	.56	6.80	96.97	23.82	246.72	66.46	.37	3571.92	3590.00	3620.00	3668.89
* 6.200	8.06	0.	8.22	1043.20	121.91	124.01	91.07	0.	0.	3598.00	3602.00	0.
* 6.200	8.41	.35	9.11	76.31	101.16	209.21	26.63	.86	3540.91	3598.00	3602.00	3617.22
* 6.300	8.09	0.	8.22	1075.79	123.38	116.42	97.19	0.	0.	3598.00	3602.00	0.
* 6.300	8.44	.35	9.03	84.32	109.78	198.41	28.81	.86	3534.47	3598.00	3602.00	3618.00
6.400	8.27	0.	8.27	3199.80	107.34	107.70	121.97	0.	0.	3590.00	3620.00	0.
6.400	9.21	.95	9.22	458.51	109.99	134.65	92.36	.45	3289.06	3590.00	3620.00	3747.68

FLOODWAY DATA, FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	90.	333.	1.4	1.3	.3	1.0
1.200	90.	337.	1.4	1.3	.3	1.0
1.300	91.	341.	1.3	1.3	.3	1.0
1.400	91.	343.	1.3	1.4	.4	1.0
2.100	50.	212.	2.2	2.0	1.4	.6
2.200	35.	127.	3.6	1.9	1.4	.5
2.300	35.	194.	2.5	3.6	2.6	1.0
2.400	59.	304.	1.5	3.7	2.7	1.0
31.100	75.	392.	1.2	3.8	2.9	.9
31.200	19.	138.	3.3	3.8	2.9	.9
31.300	19.	138.	3.3	3.8	2.9	.9
3.200	43.	219.	2.1	3.9	3.1	.8
3.300	43.	230.	2.0	4.2	3.2	1.0
3.400	43.	232.	2.0	4.3	3.3	1.0
4.000	390.	1064.	.4	4.7	4.1	.6
41.100	104.	362.	1.3	4.8	4.3	.5
41.200	16.	115.	4.0	4.7	4.2	.5
41.300	16.	124.	3.7	5.3	4.3	1.0
41.400	16.	124.	3.7	5.4	4.4	1.0
5.100	26.	139.	2.4	6.2	5.6	.6
5.200	26.	142.	2.4	6.4	5.8	.6
5.300	26.	144.	2.3	6.4	5.8	.6
5.400	26.	145.	2.3	6.5	5.9	.6
6.100	97.	462.	.7	6.8	6.2	.6
6.200	70.	109.	3.1	6.4	6.1	.3
6.300	84.	121.	2.9	8.4	8.1	.3
6.400	459.	2177.	.2	9.2	8.3	.9

PASQUOTANK Co
Group II

T1	ELIZABETH CITY FLOODWAY DELINEATION									
T2	CHARLES CREEK									
T3	ENCROACHMENT #3									
J1	-1	3			.0007			-1		.79
J2	-1		-1							
J3	.34	1	26	3	27	28	4	21	22	
NC	.12	.12	.05	.1	.3					
QT	2	522	522							
ET			4.1	1032	1116					
X1	1	21	1032	1116	0	0	0			
GR	15.0	0	7.3	50	4.2	405	3.2	500	2.5	600
GR	3.2	700	2.5	800	2.4	900	3.3	1000	4.2	1032
GR	-0.8	1045	-2.7	1047	-5.8	1073	-1.3	1100	-0.4	1112
GR	3.5	1116	3.4	1200	3.9	1300	5.1	1400	5.5	1470
GR	15.0	1471								
ET			4.1	1032	1116					
X1	2				1	1	1	1		
ET			4.1	1032	1116					
X1	3				1	1	1	1		
ET			4.1	1032	1116					
X1	5				2	2	2	1		
ET			4.1	1032	1116					
X1	10				5	5	5	1		
ET			4.1	1032	1116					
X1	200				190	190	190	1		
ET			4.1	1001	1143					
X1	230	23	1001	1143	230	230				
X3	10						6.5	6.4		
GR	15.8	0	7.3	50	4.2	405	3.2	500	2.5	600
GR	2.2	700	2.5	800	2.4	900	3.3	1001	1.5	1027
GR	-1.3	1045	-2.5	1047	-5.6	1073	-1.4	1100	-0.2	1112
GR	3.5	1116	3.5	1131	3.5	1143	3.4	1200	3.9	1300
GR	5.1	1400	5.5	1470	15.0	1471				
SB	1.05	1.66	2.5	0	18.0	4.0	1054	4.56	-5.6	-5.6
ET			4.1	1001	1143					
X1	270	31	1001	1143	40	40	40			
X2			1							
X3	10						8.9	8.8		
BT	25	0	15.0	8.0	7.4	7.3	7.3	100	6.6	6.6
BT	300	4.6	4.6	400	3.9	3.9	500	2.5	2.5	700
BT	2.5	2.5	800	2.3	2.3	867	2.4	2.4	900	3.6
BT	3.6	1001	8.9	6.5	1027	9.8	7.4	1045	10.2	7.8
BT	1072	10.4	8.0	1100	10.0	7.6	1116	9.5	7.1	1131
BT	9.2	6.8	1143	8.8	6.4	1200	4.9	4.9	1265	3.7
BT	3.7	1300	3.7	3.7	1400	4.7	4.7	1500	6.0	6.0
BT	1600	6.6	6.6	1650	15.0	8.0				
GR	15.0	0	7.3	50	7.2	74	7.0	100	6.5	200
GR	5.9	300	5.4	400	4.8	500	4.3	600	3.7	700
GR	3.2	800	2.8	867	3.4	900	3.6	1001	1.5	1027
GR	-1.3	1045	-2.5	1047	-5.6	1072	-1.4	1100	-0.2	1112
GR	3.5	1116	3.5	1131	4.6	1143	3.4	1149	4.2	1200
GR	3.6	1265	3.4	1300	4.8	1400	5.7	1500	6.6	1600
GR	15.0	1650								
ET			4.1	1045	1134					
X1	300	23	1045	1134	30	30				
GR	15.0	0	7.3	50	2.8	867	3.4	900	2.4	1000
GR	1.4	1045	-1.4	1047	-0.1	1055	-2.8	1065	-4.2	1075
GR	-5.7	1085	-7.2	1095	-4.2	1105	-2.1	1115	-1.4	1125
GR	-0.3	1131	2.6	1134	3.4	1149	4.2	1200	3.4	1300
GR	4.8	1400	6.6	1600	15.0	1650				
ET			4.1	1000	1144					
X1	700	28	1000	1144	400	400	400			
GR	15.0	0	8.0	50	6.1	778	5.5	800	2.4	900

OFFICE ELECTRONICS INC.

GR	1.3	1000	0.2	1003	-0.9	1010	-2.1	1020	-3.0	1030
GR	-3.6	1040	-4.2	1050	-4.9	1060	-4.8	1070	-4.9	1080
GR	-4.8	1090	-3.7	1100	-2.8	1110	-2.0	1120	-1.2	1130
GR	-0.2	1143	1.1	1144	1.8	1200	3.0	1300	4.2	1400
GR	6.7	1500	8.0	1750	15.0	1800				
ET			4.1	1000	1058					
X1	1450	20	1000	1058	700	750	850			
GR	15.0	350	6.1	400	6.2	600	6.7	700	4.9	800
GR	3.7	900	3.3	1000	0.3	1003	-3.8	1018	-4.1	1028
GR	-3.4	1038	-2.6	1048	0.0	1056	2.0	1058	3.0	1100
GR	2.6	1200	5.1	1300	6.6	1400	8.0	1950	15.0	2000
ET			4.1	1010	1045					
X1	1480	38	1012.5	1044.6	30	30	30			
X3	10						1.8	1.8		
GR	15.0	350	6.1	400	6.2	600	6.7	700	4.9	800
GR	3.7	900	3.3	1000	0.2	1012.5	-2.0	1012.6	-3.6	1014.2
GR	-3.6	1016.4	-2.0	1018.0	0.2	1018.0	0.2	1020.3	-2.0	1020.3
GR	-3.6	1021.9	-3.6	1024.1	-2.0	1025.7	0.2	1025.7	0.2	1029.7
GR	-2.0	1029.7	-3.6	1031.3	-3.6	1033.5	-2.0	1035.1	0.2	1035.1
GR	0.2	1039.1	-2.0	1039.1	-3.6	1040.7	-3.6	1042.9	-2.0	1044.5
GR	0.2	1044.5	2.0	1058	3.0	1100	2.6	1200	5.1	1300
GR	6.6	1400	8.0	1950	15.0	2000				
SB	1.25	1.89	2.5	0	4.6	1.0	96.2	2.63	-7.6	-3.6
ET			4.1	1010	1045					
X1	1520	40	1012.6	1044.5	40	40	40			
X2			1							
X3	10						4.0	4.0		
BT	24	350	15.0	2.1	400	6.1	2.1	800	4.7	2.1
BT	1012.6	4.0	0.5	1014.2	4.0	2.1	1016.4	4.0	2.1	1018.0
BT	4.0	0.5	1020.3	4.0	0.5	1021.9	4.0	2.1	1024.1	4.0
BT	2.1	1025.7	4.0	0.5	1029.7	4.0	0.5	1031.3	4.0	2.1
BT	1035.1	4.0	0.5	1039.1	4.0	0.5	1040.7	4.0	2.1	1042.9
BT	4.0	2.1	1044.5	4.0	0.5	1100	3.5	2.1	1200	3.1
BT	2.1	1400	5.3	2.1	1500	6.0	2.1	1950	8.0	2.1
BT	2000	15.0	2.1							
GR	15.0	350	8.0	400	6.8	551	6.4	600	6.1	700
GR	3.2	800	2.7	900	2.8	1000	0.5	1012.6	-1.7	1012.6
GR	-3.3	1014.2	-3.3	1016.4	-1.7	1018.0	0.5	1018.0	0.5	1020.3
GR	-1.7	1020.3	-3.3	1021.9	-3.3	1024.1	-1.7	1025.7	0.5	1025.7
GR	0.5	1029.7	-1.7	1029.7	-3.3	1031.3	-3.3	1033.5	-1.7	1035.1
GR	0.5	1035.1	0.5	1039.1	-1.7	1039.1	-3.3	1040.7	-3.3	1042.9
GR	-1.7	1044.5	0.5	1044.5	3.4	1100	5.0	1200	6.5	1300
GR	6.8	1400	7.0	1500	7.2	1600	8.0	1950	15.0	2000
ET			4.1	1000	1058					
X1	1550	20	1000	1058	30	30	30			
GR	15.0	350	8.0	400	6.2	600	6.1	700	3.2	800
GR	2.7	900	2.8	1000	-0.3	1003	-3.8	1014	-3.8	1022
GR	-3.4	1033	-3.4	1043	0.1	1051	4.1	1058	3.4	1100
GR	5.0	1200	6.5	1300	6.8	1400	5.0	1950	15.0	2000
ET			4.1	1000	1030					
X1	2380	17	1000	1030	800	800	830			
GR	15.0	450	6.0	500	5.4	600	2.0	700	1.8	800
GR	2.0	900	2.3	1000	-0.5	1003	-3.7	1014	-1.4	1022
GR	-0.2	1027	2.1	1030	2.8	1100	3.1	1200	4.3	1300
GR	7.4	1400	15.0	1450						
ET			4.1	1000	1019					
X1	2410	18	1001.5	1017	30	30	30			
X3	10						3.1	3.1		
GR	15.0	450	6.0	500	5.4	600	2.0	700	1.8	800
GR	2.0	900	2.3	1000	3.1	1001.5	-3.7	1001.6	-3.9	1009.5
GR	-0.2	1016.4	3.1	1017	2.1	1030	2.8	1100	3.1	1200
GR	4.3	1300	7.4	1400	15.0	1450				
SB	0	2.54	2.5	0	12.1	0	93.8	0.25	-3.7	-3.7
ET			4.1	1000	1019					
X1	2450	29	1001.5	1017	40	40	40			
X2			1							

X3	10						4.7	4.7		
BT	21	0	15.0	3.1	50	8.0	3.1	342	4.9	3.1
BT	400	4.5	3.1	500	4.0	3.1	600	3.2	3.1	700
BT	2.5	2.5	7.5	2.2	2.2	800	2.3	2.3	900	2.8
BT	2.8	1001.5	4.7	3.1	1017	4.7	3.1	1100	3.9	3.1
BT	1149	3.8	3.1	1200	5.5	3.1	1300	6.2	3.1	1400
BT	6.1	3.1	1500	6.5	3.1	1600	7.3	3.1	1700	7.5
BT	3.1	1750	15.0	3.1						
GR	15.0	0	15.0	50	15.0	342	15.0	400	15.0	500
GR	15.0	600	15.0	700	15.0	788	15.0	800	15.0	860
GR	4.0	865	3.7	900	3.1	980	2.1	1001.5	-3.7	1001.5
GR	-3.9	1009.5	-0.2	1017	3.1	1017	3.8	1100	4.4	1149
GR	4.9	1200	5.3	1235	6.1	1300	15.0	1305	15.0	1400
GR	15.0	1500	15.0	1600	15.0	1700	15.0	1750		
ET			4.1	1000	1019					
X1	2460	14	1000	1019	10	10	10			
GR	15.0	860	4.0	865	3.7	900	3.1	980	2.1	1000
GR	0.7	1003	-2.3	1010	-3.5	1018	4.4	1019	3.8	1100
GR	4.9	1200	5.3	1235	6.1	1300	15.0	1305		
ET			4.1	1000	1041					
X1	2480	17	1000	1041	20	20	20			
X3	10							3.6	3.6	
GR	15.0	860	4.0	865	3.7	900	3.1	980	3.6	1000
GR	0.3	1001	-1.0	1007	-3.1	1017	-3.0	1020	-1.9	1028
GR	0.7	1040	3.6	1041	3.8	1100	4.9	1200	5.3	1235
GR	6.1	1300	15.0	1305						
SB	1.05	2.12	2.5	0	21.0	1.0	201.0	1.48	-3.1	-3.1
ET			4.1	1000	1041					
X1	2520	25	1000	1041	40	40	40			
X2			1							
X3	10							5.6	5.6	
BT	13	480	15.0	3.6	484	6.4	3.6	600	6.4	3.6
BT	700	6.0	3.6	800	5.9	3.6	900	5.7	3.6	1000
BT	5.6	3.6	1041	5.6	3.6	1100	5.5	3.6	1200	6.1
BT	3.6	1300	6.0	3.6	1700	7.5	3.6	1750	15.0	3.6
GR	15.0	480	15.0	484	15.0	550	7.2	600	6.9	700
GR	5.2	600	4.5	900	1.7	999	3.6	1000	0.3	1001
GR	-1.0	1007	-3.1	1017	-3.0	1020	-1.9	1028	0.7	1040
GR	3.6	1041	3.4	1059	4.3	1100	4.9	1200	5.7	1300
GR	6.2	1400	6.8	1500	15.0	1550	15.0	1700	15.0	1750
ET			4.1	1000	1059					
X1	2550	19	1000	1059	30	30	30			
GR	15.0	550	7.2	600	6.9	700	5.2	800	4.5	900
GR	1.7	1000	0.1	1003	-1.4	1010	-2.8	1020	-3.4	1020
GR	-1.3	1040	0.6	1053	3.4	1059	4.3	1100	4.9	1200
GR	5.7	1300	6.2	1400	6.8	1500	15.0	1550		
ET			4.1	950	1058					
X1	3600	19	1000	1023	1000	1000	1050			
GR	15.0	500	9.0	550	7.0	685	6.9	700	6.4	707
GR	4.5	715	2.7	800	1.5	900	1.3	1000	0.3	1004
GR	0.2	1006	0.9	1015	1.3	1023	1.5	1100	4.0	1200
GR	8.0	1215	8.0	1260	8.4	1300	15.0	1305		
ET			4.1	935	1135					
X1	5050	19	1000	1015	1500	1250	1450			
GR	15.5	600	10.1	650	9.9	688	9.9	700	9.6	800
GR	9.4	829	2.4	867	2.0	900	1.9	1000	0.9	1006
GR	0.3	1009	1.3	1011	4.6	1015	1.7	1100	2.2	1200
GR	8.9	1233	10.9	1300	11.5	1350	15.5	1355		
GT	2	459	459							
ET			4.1	940	1050					
X1	6650	14	1000	1018	1500	1600	1600			
GR	16.0	650	8.4	700	6.3	800	5.1	900	3.0	1000
GR	0.1	1002	-0.1	1007	0.3	1011	1.6	1015	2.6	1018
GR	4.3	1100	8.0	1200	8.8	1300	16.0	1350		
ET			4.1	940	1050					
X1	6680	12	1000	1017	30	30	30			

X3	10							6.9	6.9		
GR	16.0	650	8.4	700	6.3	800	5.1	900	3.0	1000	
GR	-2.2	1000	-2.1	1017	2.6	1017	4.3	1100	8.0	1200	
GR	8.8	1300	16.0	1350							
SB	1.25	2.42	2.5	0	16.6	0.6	144	0	-1.1	-1.1	
ET			4.1	940	1050						
X1	6720	16	1000	1017	40	40	40				
X2			1								
X3	10							9.7	9.7		
BT	13	650	16.0	7.6	700	10.1	7.6	800	9.8	7.6	
BT	900	9.8	7.6	918	9.6	7.6	1000	9.7	7.6	1017	
BT	9.7	7.6	1100	9.6	7.6	1200	9.9	7.6	1300	9.9	
BT	7.6	1400	9.7	7.6	1500	9.5	7.6	1550	16.0	7.6	
GR	16.0	650	9.8	700	5.2	800	5.3	900	4.7	918	
GR	2.3	1000	-1.4	1000	-1.4	1017	2.3	1017	4.3	1100	
GR	8.0	1200	7.9	1300	16.0	1350	16.0	1400	16.0	1500	
GR	16.0	1550									
ET			4.1	940	1050						
X1	6750	13	1000	1018	30	30	30				
GR	16.0	650	9.8	700	5.2	800	5.3	900	2.3	1000	
GR	0.7	1003	-0.7	1006	0.8	1018	2.3	1018	4.3	1100	
GR	8.0	1200	7.9	1300	16.0	1350					
ET			4.1	1000	1075						
X1	7400	16	1000	1035	700	650	650				
GR	16.0	700	8.0	762	8.8	800	6.2	900	2.6	1000	
GR	1.1	1003	-1.4	1018	0.4	1031	1.9	1035	2.1	1100	
GR	2.6	1132	7.6	1200	7.6	1300	6.9	1321	8.0	1450	
GR	16.0	1500									
ET			4.1	915	1025						
X1	8050	17	1000	1025	550	700	650				
GR	16.0	510	8.6	560	7.6	565	7.9	602	7.2	700	
GR	5.5	800	3.2	900	2.5	1000	0.6	1003	-1.9	1012	
GR	0.7	1020	2.3	1025	6.3	1100	8.2	1200	8.4	1300	
GR	8.6	1500	16.0	1550							
ET			4.1	915	1025						
X1	8080	18	1000	1025	30	30	30				
X3	10							6.1	6.1		
GR	16.0	510	8.6	560	7.6	565	7.9	602	7.2	700	
GR	5.5	800	3.2	900	2.5	1000	1.2	1005	0.0	1012.5	
GR	0.5	1016	2.1	1020	2.3	1025	6.3	1100	8.2	1200	
GR	8.4	1300	8.6	1500	16.0	1550					
SB	1.05	1.52	2.5	0	14.5	2.0	107.7	0.79	0.0	0.0	
ET			4.1	950	1050						
X1	8120	18	1000	1024	40	40	40				
X2			1								
X3	10							7.9	7.9		
BT	14	510	16.0	6.1	565	7.9	6.1	602	7.7	6.1	
BT	700	7.3	6.1	800	7.4	6.1	900	7.5	6.1	1000	
BT	7.9	6.1	1024	7.9	6.1	1100	7.7	6.1	1200	7.9	
BT	6.1	1300	8.0	6.1	1400	7.9	6.1	1500	7.9	6.1	
BT	1550	16.0	6.1								
GR	16.0	510	8.1	565	7.9	602	7.8	700	6.1	800	
GR	5.0	900	3.0	1000	1.2	1005	0.0	1012.5	0.5	1016	
GR	2.1	1020	2.6	1025	2.2	1100	5.9	1200	8.3	1300	
GR	8.5	1400	8.6	1500	16.0	1550					
ET			4.1	950	1050						
X1	8150	17	1000	1025	30	30	30				
GR	16.0	510	8.1	565	7.9	602	7.8	700	6.1	800	
GR	5.0	900	3.0	1000	0.7	1003	-0.3	1012	0.5	1023	
GR	2.8	1025	2.2	1100	5.9	1200	8.3	1300	8.5	1400	
GR	8.6	1500	16.0	1550							
ET			4.1	950	1050						
X1	8800	13	1000	1020	600	700	650				
GR	16.0	750	8.6	785	7.7	800	8.0	855	7.1	872	
GR	3.0	900	3.5	1000	0.3	1002	-2.6	1010	0.2	1018	
GR	3.3	1020	8.3	1700	16.0	1750					

ET			4.1	950	1050					
X1	8820	13	1000	1020	20	20	20			
GR	16.0	750	8.6	785	7.7	800	8.0	855	7.1	872
GR	3.0	900	3.5	1000	0.9	1002	0.6	1010	0.9	1018
GR	3.3	1020	8.3	1700	16.0	1750				
QT	2	222	222							
ET			4.1	950	1050					
X1	8830	17	997.8	1002.2	10	10	10			
X3	10							6.0	6.0	
GR	16.0	750	8.6	785	7.7	800	8.0	855	7.1	872
GR	3.0	900	3.0	997	4.7	997.8	2.9	997.8	1.6	999.1
GR	1.6	1000.9	2.9	1002.2	4.7	1002.2	3.3	1003	3.5	1020
GR	8.3	1700	16.0	1750						
SB	0	1.80	2.5	0	2.6	0	16.0	0.21	1.6	1.6
ET			4.1	975	1025					
X1	8870	20	997.8	1002.2	40	40	40			
X2			1							
X3	10							7.4	7.4	
BT	9	850	16.0	4.7	900	7.4	4.7	997.8	7.4	4.7
BT	999.1	7.4	6.0	1000.9	7.4	6.0	1002.2	7.4	4.7	1100
BT	7.5	4.7	1500	7.8	4.7	1550	16.0	4.7		
GR	16.0	850	7.3	900	8.3	920	7.3	935	3.6	949
GR	3.9	985	3.9	997	4.7	997.8	2.9	997.8	1.6	999.1
GR	1.6	1000.9	2.9	1002.2	4.7	1002.2	3.4	1003	3.6	1052
GR	7.0	1100	8.7	1124	8.6	1200	8.6	1500	16.0	1550
ET			4.1	975	1025					
X1	8900	16	985	1000	30	30	30			
GR	16.0	850	7.3	900	8.3	920	7.3	935	3.6	949
GR	3.9	985	1.6	988	0.2	994	1.5	998	3.4	1000
GR	3.6	1052	7.0	1100	8.7	1124	8.6	1200	8.6	1500
GR	16.0	1550								
ET			4.1	975	1025					
X1	9300				400	400	400			

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