

MILL CREEK

NORTH TRIB.

11

MILL CREEK TRAIL - NORTH (1318)  
 JACKSONVILLE NORTH CAROLINA - GROUP 1  
 THE 10 YEAR FLOOD

Station	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
NC 01 18	18																			
01 5	310																			
X1 10	10	145	03	75.5	4/0															
GR 20	19.2	50	21.2	150	150	21.2	250	250	21.7	270										
GR 12.5	350	4.3	9	428	47	437			432	437										
GR 7	439	1.1	3.4	450	5.2	550			7.1	550										
GR 20	650	22.4	23	855																
X1 11.1	16	394.5	474	474	474															
GR 20	19	250	17.7	600	17.3	663			12.7	675										
GR 6.7	691.5	3.7	691.5	700	4.9	706			5.9	706										
GR 10.5	708	10.5	722	900	18.5	900			19.3	1100										
GR 20	1150																			
NC 07	07	03	05	100	100	100			12											
X1 11.2																				
X3 10																				
SB 1	2.26	3	10	1	39.3	026			4.7	4.7										
X1 11.3			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															
NC 07	07	03	05	100	100	100			12											
X1 12.2																				
X3 10																				
SB 1	2.5	3	10	1	39.3	026			4.7	4.7										
X1 12.2			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															
NC 07	07	03	05	100	100	100			12											
X1 12.2																				
X3 10																				
SB 1	2.5	3	10	1	39.3	026			4.7	4.7										
X1 12.2			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															
NC 07	07	03	05	100	100	100			12											
X1 12.2																				
X3 10																				
SB 1	2.5	3	10	1	39.3	026			4.7	4.7										
X1 12.2			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															
NC 07	07	03	05	100	100	100			12											
X1 12.2																				
X3 10																				
SB 1	2.5	3	10	1	39.3	026			4.7	4.7										
X1 12.2			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															
NC 07	07	03	05	100	100	100			12											
X1 12.2																				
X3 10																				
SB 1	2.5	3	10	1	39.3	026			4.7	4.7										
X1 12.2			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															
NC 07	07	03	05	100	100	100			12											
X1 12.2																				
X3 10																				
SB 1	2.5	3	10	1	39.3	026			4.7	4.7										
X1 12.2			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															
NC 07	07	03	05	100	100	100			12											
X1 12.2																				
X3 10																				
SB 1	2.5	3	10	1	39.3	026			4.7	4.7										
X1 12.2			52	52	52															
X2			17.3																	
X3 10			250	19	900				17.3	17.3										
BT 722	17.3	20	18						600	17.3										
BT 19.3		1150	20						18.5	1100										
X1 11.4			50	50	50															

11	1.87	3.	7.3	1.	36.5	10.5	10.5
12	13.3		108.	108.	108.		
13	10.		16.7	25.6	25.6		
14	6.		30.5	25.6	25.6		
15	50.26		600.	26.8	800.	25.6	25.6
16	13.4		50.	50.	50.		

\*\* BLANK CARD \*\*  
 \*\* BLANK CARD \*\*  
 \*\* BLANK CARD \*\*

ER SUMMARY OF EPKORS

T1 MILL CPELK TRIP 2  
 T2 JACKSONVILLE NORTH CAROLINA - GROUP 1  
 T3 THE 1<sup>st</sup> YEAR FLOOD

- 10.000 - NOTE - GT CARD - NUMR = 5 DOES NOT EQUAL NUMBER OF 0 READ = 0
- 10.000 - EPROR - GR CARD - STATIONS DO NOT INCREASE 428.000 423.000
- 10.000 - ERROR - J1 CARD - IN3 = 2 FIELD ON GT CARD IS BLANK
- 10.000 - EKPOR - FIRST XSEC - 0 MUST BE SPECIFIED ON EITHER J1.01 OR X2 CARD
- 11.100 - NOTE - X1 CARD - XLOBL = -0. REACH LENGTH OMITTED
- 11.100 - NOTE - X1 CARD - XLOBK = -0. REACH LENGTH OMITTED
- 11.100 - EPROR - X1 CARD - XLCH = -0. CHANNEL REACH LENGTH OMITTED
- 11.100 - ERROR - X1 CARD - STCHL = 391.500 DOES NOT EQUAL ANY GR POINT
- 11.200 - EKPOR - X1 CARD - STCHL = 391.500 DOES NOT EQUAL ANY GR POINT
- 11.300 - EPROR - X1 CARD - STCHL = 391.500 DOES NOT EQUAL ANY GR POINT
- 11.300 - CAUTION - TOP WIDTH OF DOWNSTREAM CHANNEL = 312.000 IS GREATER THAN TOP WIDTH OF SPECIAL BRIDGE OPENING = 11.028
- 11.300 - CAUTION - TOP OF LEFT LEVEE = 17.300 IS LOWER THAN UPSTREAM TOP OF ROAD = 19.000 AT SPECIAL BRIDGE
- 11.300 - CAUTION - TOP WIDTH OF UPSTREAM CHANNEL = 312.000 IS GREATER THAN TOP WIDTH OF SPECIAL OPENING = 11.028
- 11.400 - EPROR - X1 CARD - STCHL = 391.500 DOES NOT EQUAL ANY GR POINT
- 12.100 - NOTE - X1 CARD - XLOBL = -0. REACH LENGTH OMITTED
- 12.100 - NOTE - X1 CARD - XLOBK = -0. REACH LENGTH OMITTED
- 12.100 - EKPOR - X1 CARD - XLCH = -0. CHANNEL REACH LENGTH OMITTED
- 12.200 - NOTE - X2 CARD - ELTRD RECOMMENDED WHEN SB CARD USED
- 12.200 - CAUTION - TOP OF LEFT LEVEE = 16.700 IS LOWER THAN UPSTREAM TOP OF ROAD = 20.000 AT SPECIAL BRIDGE
- 13.100 - NOTE - X1 CARD - XLOBL = -0. REACH LENGTH OMITTED



X1	11.300	-0.	-0.	52.000	52.000	52.000	-0.	-0.	-0.
X2	-0.	1.000	8.600	17.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	17.300	17.300	-0.
BT	17.000	20.000	20.000	250.000	19.000	19.000	600.000	17.300	-0.
BT	686.200	6.100	688.500	17.330	7.350	691.600	17.340	8.570	693.000
BT	17.340	694.300	17.350	696.600	696.600	17.350	5.900	697.500	17.370
BT	7.150	17.380	8.450	702.400	17.380	7.200	704.000	17.390	15.700
BT	800.000	18.000	900.000	18.550	18.500	110.000	19.300	19.300	1150.000
BT	20.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	11.400	-0.	-0.	50.000	50.000	51.000	-0.	-0.	-0.
NC	-0.	0.500	0.100	0.300	-0.	-1.	-0.	-0.	-0.
X1	12.100	24.000	413.500	440.000	440.000	440.000	-0.	-0.	-0.
GR	27.000	-0.	200.000	26.000	300.000	10.400	360.000	11.600	373.000
GR	6.000	382.000	386.500	5.000	387.000	4.100	389.000	5.600	391.000
GR	6.000	491.500	497.500	5.200	498.000	5.200	410.000	5.200	412.000
GR	6.750	413.500	414.000	11.600	417.000	11.900	422.000	11.900	429.000
GR	19.000	500.000	600.000	19.700	700.000	20.000	770.000	-0.	-0.
NC	-0.	0.500	0.300	0.500	-0.	-0.	-0.	-0.	-0.
X1	12.200	-0.	-0.	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	12.000	12.000	-0.
SB	-0.	2.000	-0.	10.000	-0.	39.300	4.000	7.200	7.200
X1	12.300	-0.	-0.	67.000	67.000	67.000	-0.	-0.	-0.
X2	-0.	1.000	9.300	18.700	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	18.700	18.700	-0.
BT	17.000	23.000	23.000	200.000	21.300	21.300	300.000	20.000	20.000
BT	386.500	18.600	397.000	18.600	8.900	389.000	18.600	9.110	391.000
BT	18.500	4.1.500	18.500	6.600	407.500	19.670	6.750	4.8.000	18.600
BT	0.900	16.650	9.250	412.000	18.650	8.000	413.500	18.640	6.750
BT	5.000	19.000	6.000	19.700	19.700	7.000	19.700	19.700	770.000
BT	20.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	12.400	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
NC	-0.	0.500	0.100	0.300	-0.	-0.	-0.	-0.	-0.
X1	13.100	13.000	403.650	1512.000	1512.000	1512.000	-0.	-0.	-0.
GR	30.500	26.100	300.000	26.600	300.000	16.300	370.000	10.000	366.900
GR	10.900	396.350	403.650	12.000	412.000	16.300	400.000	25.600	410.000
GR	26.000	500.000	600.000	29.800	600.000	-0.	-0.	-0.	-0.
NC	-0.	0.500	0.300	0.500	-0.	-0.	-0.	-0.	-0.













THIS RUN EXECUTED 28 DEC 81 10.06.50

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1988  
 ERROR CORK - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
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T1 MILL CREEK NORTH TRIBUTARY  
 T2 JACKSONVILLE NORTH CAROLINA - GROUP 1  
 T3 50 YEAR FLOOD

	ICHECK	IMG	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
J1	-f.	3.	-0.	-0.	0.000000	-0.	-0.	-0.	10.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHMIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 28 DEC 81 10.06.50

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HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
ERROR CORR - 31.02.03.04
MODIFICATION - 50.51.52.53.54
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T1 MILL CREEK NORTH TRIBUTARY
T2 JACKSONVILLE NORTH CAROLINA - GROUP J
T3 100 YEAR FLOOD

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J1 ICHECK 1M4 N1V IDIR STRT METRIC HVINS Q WSEL FO
-0. 4. -0. 000000000 -0. -0. 10.000 -0.
J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC ISW CHNIM ITRACE
2.000 -0. -1.000 -0. -0. -1.000 -0. -0. -0.

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THIS RUN EXECUTED 28 DEC 81 10.06.50

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*****
HEC2 RELEASE DATED NOV 76 UPDATED APR 1 1980
ERROR CORR - 01.02.03.04
MODIFICATION - 50.51.52.53.54
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I1 MILL CREEK NORTH TRIBUTARY
I2 JACKSONVILLE NORTH CAROLINA - GROUP 1
I3 500 YEAR FLOOD

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J1	ICHECK	IMG	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	-0.0000	-0.	-0.	-0.	10.000	-0.
J2	MPROF	IFLOT	PRFS	XSECV	YSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.900	-0.	-0.	-0.

THIS RUN EXECUTED 28 DEC 81 10.06.51

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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
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NOTE- ASTERTSK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOOD

SUMMARY PRINTOUT TABLE 11)

SECD	CUSEL	DIFKVS	EG	TOPWID	GL0B	QCH	GK0B	PERENC	STENCL	STCHL	STCHR	STENCH
10.000	2.78	-7.22	2.99	22.86	0.	145.00	0.	9.	0.	423.00	450.00	0.
10.010	3.83	-6.17	4.18	41.71	0.	309.11	8.89	9.	0.	423.00	450.00	0.
10.020	4.29	-5.71	4.75	58.76	0.	403.88	6.12	0.	0.	423.00	450.00	0.
10.030	5.19	-4.81	5.90	98.74	1.71	739.42	43.87	0.	0.	423.00	450.00	0.
11.100	6.44	0.	6.74	14.74	0.	143.13	1.87	0.	0.	691.50	703.50	0.
11.110	7.77	0.	8.35	18.26	.79	300.89	8.31	9.	0.	691.50	703.50	0.
11.120	8.36	0.	9.11	21.14	2.68	394.52	12.79	0.	0.	691.50	703.50	0.
11.130	9.99	0.	11.28	25.53	18.00	776.86	30.14	9.	0.	691.50	703.50	0.
11.200	7.09	0.	7.29	12.00	0.	145.00	0.	0.	0.	691.50	703.50	0.
11.210	8.63	0.	9.06	12.00	0.	310.00	0.	0.	0.	691.50	703.50	0.
11.220	9.33	0.	9.91	12.00	0.	410.00	0.	0.	0.	691.50	703.50	0.
11.230	11.16	0.	12.27	12.00	0.	755.00	0.	0.	0.	691.50	703.50	0.
11.240	7.28	0.	7.46	12.00	0.	145.00	0.	0.	0.	691.50	703.50	0.
11.250	10.81	0.	10.89	12.00	0.	310.00	0.	0.	0.	691.50	703.50	0.
11.260	12.04	0.	13.15	12.00	0.	410.00	0.	0.	0.	691.50	703.50	0.
11.270	17.76	0.	17.83	213.89	91.30	470.66	103.04	0.	0.	691.50	703.50	0.
11.4	7.47	0.	7.69	17.28	.17	141.32	3.51	0.	0.	691.50	703.50	0.
11.4	10.74	0.	10.91	44.14	10.43	285.84	17.73	0.	0.	691.50	703.50	0.
11.4	13.11	0.	13.23	78.26	27.08	339.93	43.52	0.	0.	691.50	703.50	0.
11.4	17.71	0.	17.85	218.32	91.52	470.06	193.41	0.	0.	691.50	703.50	0.
12.1	8.25	0.	8.34	20.61	3.52	130.01	1.68	0.	0.	386.50	402.50	0.
12.1	11.11	0.	11.21	24.09	14.63	289.75	6.92	0.	0.	386.50	402.50	0.
12.1	13.37	0.	13.46	50.48	35.49	356.31	18.10	0.	0.	386.50	402.50	0.
12.1	17.91	0.	17.97	172.96	130.66	517.52	106.81	0.	0.	386.50	402.50	0.
12.2	8.36	0.	8.45	16.01	0.	145.00	0.	0.	0.	386.50	402.50	0.
12.2	11.27	0.	11.40	14.00	0.	310.00	0.	0.	0.	386.50	402.50	0.
12.2	13.41	0.	13.50	91.37	35.93	355.50	18.56	0.	0.	386.50	402.50	0.
12.2	17.93	0.	17.99	173.47	131.00	516.74	107.27	0.	0.	386.50	402.50	0.



SECNO	CMSEL	DIFKWS	EG	TOPVID	QLOF	GCH	OROB	TERENC	STENCL	STCHL	STCHR	STENCR
12.399	8.37	0.	8.46	16.60	0.	145.00	0.	0.	0.	386.50	402.50	0.
12.399	13.61	0.	13.68	16.60	0.	310.00	0.	0.	0.	386.50	402.50	0.
12.399	17.58	0.	17.64	16.60	0.	410.00	0.	0.	0.	386.50	402.50	0.
12.399	19.77	0.	19.81	414.72	148.74	464.26	142.00	0.	0.	386.50	402.50	0.
12.400	8.44	0.	8.52	25.07	3.73	139.53	1.74	0.	0.	386.50	402.50	0.
12.400	13.66	0.	13.70	95.69	28.77	265.83	15.43	0.	0.	386.50	402.50	0.
12.400	17.63	0.	17.65	167.94	69.18	285.22	55.59	0.	0.	386.50	402.50	0.
12.400	19.78	0.	19.81	416.65	148.79	463.97	142.24	0.	0.	386.50	402.50	0.
13.100	13.63	0.	14.60	41.61	41.55	80.36	23.09	0.	0.	396.35	403.65	0.
13.100	15.99	0.	16.16	57.64	87.76	155.23	67.01	0.	0.	396.35	403.65	0.
13.100	18.40	0.	18.49	69.04	123.47	180.26	106.25	0.	0.	396.35	403.65	0.
13.100	20.66	0.	20.80	78.76	236.32	305.15	213.53	0.	0.	396.35	403.65	0.
13.200	14.42	0.	15.05	7.30	0.	145.00	0.	0.	0.	396.35	403.65	0.
13.200	16.16	0.	17.35	7.30	0.	310.00	0.	0.	0.	396.35	403.65	0.
13.200	18.27	0.	19.28	7.30	0.	410.00	0.	0.	0.	396.35	403.65	0.
13.200	20.78	0.	20.91	79.27	236.72	303.99	214.29	0.	0.	396.35	403.65	0.
13.300	14.70	0.	15.29	7.30	0.	145.00	0.	0.	0.	396.35	403.65	0.
13.300	17.54	0.	18.26	7.30	0.	310.00	0.	0.	0.	396.35	403.65	0.
13.300	21.46	0.	21.93	7.30	0.	410.00	0.	0.	0.	396.35	403.65	0.
13.300	26.19	0.	26.23	230.61	252.05	263.30	235.91	0.	0.	396.35	403.65	0.
13.400	15.46	0.	15.51	53.76	40.87	74.34	29.79	0.	0.	396.35	403.65	0.
13.400	18.46	0.	18.51	69.29	93.47	135.96	82.57	0.	0.	396.35	403.65	0.
13.400	22.06	0.	22.09	84.77	130.75	158.99	120.35	0.	0.	396.35	403.65	0.
13.400	26.20	0.	26.24	232.29	252.12	262.96	239.97	0.	0.	396.35	403.65	0.

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CKSEL	CRWS	EG	10K*5	VCH	AREA	*DIK
10.000	-0.000	0.	0.	0.	145.00	2.78	2.01	2.99	79.79	3.70	39.24	16.23
10.000	-0.000	0.	0.	0.	310.00	3.83	2.85	4.18	79.70	4.71	68.99	34.72
10.000	-0.000	0.	0.	0.	410.00	4.29	3.24	4.76	79.90	5.18	92.11	45.87
10.000	-0.000	0.	0.	0.	755.00	5.19	4.41	5.90	99.76	6.94	163.01	75.59
11.000	474.00	0.	0.	3.40	145.00	6.44	5.38	6.74	77.45	4.38	35.34	16.48
11.000	474.00	0.	0.	3.40	310.00	7.77	6.48	8.35	93.41	6.20	56.80	32.07
11.000	474.00	0.	0.	3.40	410.00	8.36	7.02	9.11	131.88	7.09	68.16	40.62
11.000	474.00	0.	0.	3.40	755.00	9.99	8.66	11.28	119.89	9.40	105.19	68.95
11.200	100.00	0.	0.	3.40	145.00	7.09	5.37	7.29	39.94	3.59	40.42	22.94
11.200	100.00	0.	0.	3.40	310.00	8.63	6.46	9.06	51.95	5.26	56.93	43.01
11.200	100.00	0.	0.	3.40	410.00	9.33	7.03	9.91	58.35	6.09	67.30	53.67
11.200	100.00	0.	0.	3.40	755.00	11.16	8.68	12.27	77.35	8.46	89.21	85.85
11.300	52.00	17.30	8.60	3.40	145.00	7.28	0.	7.46	33.30	3.40	42.69	25.13
11.300	52.00	17.30	8.60	3.40	310.00	10.60	0.	10.82	16.94	3.76	82.47	75.31
11.300	52.00	17.30	8.60	3.40	410.00	12.94	0.	13.15	11.15	3.71	110.58	122.78
11.300	52.00	17.30	8.60	3.40	755.00	17.76	0.	17.83	3.62	2.79	776.70	397.04
11.400	50.00	0.	0.	3.40	145.00	7.47	5.39	7.52	26.76	1.15	51.38	28.03
11.400	50.00	0.	0.	3.40	310.00	10.74	6.48	10.91	13.44	3.39	128.82	84.57
11.400	50.00	0.	0.	3.40	410.00	13.11	7.02	13.23	7.16	3.01	270.41	153.19
11.400	50.00	0.	0.	3.40	755.00	17.78	8.66	17.85	3.59	2.79	760.73	398.43
12.000	440.00	0.	0.	4.30	145.00	8.25	5.95	8.34	11.56	2.39	73.65	42.65
12.000	440.00	0.	0.	4.30	310.00	11.20	6.83	11.31	6.86	2.74	157.59	118.38
12.000	440.00	0.	0.	4.30	410.00	13.37	7.29	13.48	4.04	2.54	354.51	203.94
12.000	440.00	0.	0.	4.30	755.00	17.91	8.61	17.97	2.12	2.43	902.45	518.27
12.200	100.00	0.	0.	4.30	145.00	8.36	5.96	8.45	11.25	2.41	60.18	43.24
12.200	100.00	0.	0.	4.30	310.00	11.27	6.86	11.40	7.03	2.91	136.65	112.21
12.200	100.00	0.	0.	4.30	410.00	13.41	7.32	13.50	3.95	2.52	308.98	206.32
12.200	100.00	0.	0.	4.30	755.00	17.93	8.62	17.99	2.10	2.42	927.40	520.92
12.300	67.00	18.70	9.30	4.30	145.00	8.37	0.	8.46	11.13	2.40	60.37	43.46
12.300	67.00	18.70	9.30	4.30	310.00	13.61	0.	13.68	2.80	2.15	144.14	185.41
12.300	67.00	18.70	9.30	4.30	410.00	17.58	0.	17.64	1.45	1.97	207.60	340.56
12.300	67.00	18.70	9.30	4.30	755.00	19.77	0.	19.81	1.10	1.91	1332.34	718.64
12.400	50.00	0.	0.	4.30	145.00	8.44	5.95	8.52	9.76	2.27	78.25	46.41
12.400	50.00	0.	0.	4.30	310.00	13.66	6.84	13.70	2.02	1.83	331.23	218.10
12.400	50.00	0.	0.	4.30	410.00	17.63	7.29	17.65	1.37	1.37	855.39	492.13
12.400	50.00	0.	0.	4.30	755.00	19.78	8.62	19.81	1.11	1.91	1335.67	719.71

SECNO	XLCH	ELTRD	ELLCC	ELMIN	Q	CWSEL	CRINS	EG	1PK+S	VCH	AREA	01K
13.100	1512.00	0.	0.	10.90	145.00	13.83	12.71	14.46	62.42	4.35	80.58	18.35
13.100	1512.00	0.	0.	10.90	310.00	15.99	13.60	16.16	30.03	4.54	187.28	56.57
13.100	1512.00	0.	0.	10.90	410.00	18.40	14.02	18.49	10.11	3.46	341.48	128.94
13.100	1512.00	0.	0.	10.90	755.00	20.66	15.24	20.80	11.53	4.47	508.48	222.32
13.200	100.00	0.	0.	10.90	145.00	14.42	13.59	15.95	101.65	6.37	22.76	14.38
13.200	100.00	0.	0.	10.90	310.00	16.16	15.11	17.35	195.97	6.74	35.46	30.11
13.200	100.00	0.	0.	10.90	410.00	18.27	15.89	19.28	55.65	8.06	50.28	54.96
13.200	100.00	0.	0.	10.90	755.00	20.78	19.09	20.91	10.97	4.39	517.87	227.91
13.300	108.00	25.60	16.30	10.90	145.00	14.78	0.	15.29	70.32	5.70	25.42	17.29
13.300	108.00	25.60	16.30	10.90	310.00	17.54	0.	18.26	46.04	6.81	45.54	45.69
13.300	108.00	25.60	16.30	10.90	410.00	21.96	0.	21.93	15.84	5.53	74.18	103.02
13.300	108.00	25.60	16.30	10.90	755.00	26.19	0.	26.23	1.82	2.42	1048.69	559.21
13.400	50.00	0.	0.	10.90	145.00	15.46	12.70	15.51	10.20	2.45	158.30	45.41
13.400	50.00	0.	0.	10.90	310.00	18.46	13.58	18.51	5.60	2.60	345.51	131.04
13.400	50.00	0.	0.	10.90	410.00	22.06	14.02	22.09	1.97	2.92	622.79	292.39
13.400	50.00	0.	0.	10.90	755.00	26.20	15.24	26.24	1.82	2.42	1050.82	560.10

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	G	CWSEL	DIFWSP	DIFWSX	DIFKNS	TOPWID	XLCH
10000	145.00	2.78	0.	0.	-7.22	22.86	-0.
10000	310.00	3.83	1.06	0.	-6.17	41.71	-0.
10000	410.00	4.29	.46	0.	-5.71	58.76	-0.
10000	755.00	5.19	.90	0.	-4.81	98.74	-0.
11000	145.00	6.44	0.	3.67	0.	14.74	474.00
11000	310.00	7.77	1.33	3.94	0.	18.26	474.00
11000	410.00	8.36	.59	4.07	0.	20.14	474.00
11000	755.00	9.99	1.63	4.80	0.	25.33	474.00
11200	145.00	7.09	0.	.65	0.	12.00	100.00
11200	310.00	8.63	1.54	.86	0.	12.00	100.00
11200	410.00	9.33	.70	.97	0.	12.00	100.00
11200	755.00	11.16	1.82	1.17	0.	12.00	100.00
11300	145.00	7.28	0.	.10	0.	12.00	52.00
11300	310.00	10.60	3.32	1.96	0.	12.00	52.00
11300	410.00	12.94	2.34	3.61	0.	12.00	52.00
11300	755.00	17.76	4.82	6.64	0.	213.09	52.00
11400	145.00	7.47	0.	.19	0.	17.28	56.00
11400	310.00	10.74	3.27	.15	0.	44.14	50.00
11400	410.00	13.11	2.37	.17	0.	75.26	50.00
11400	755.00	17.78	4.67	.02	0.	216.32	50.00
12000	145.00	8.25	0.	.78	0.	24.61	440.00
12000	310.00	11.20	2.95	.46	0.	34.00	440.00
12000	410.00	13.37	2.10	.26	0.	90.48	440.00
12000	755.00	17.91	4.44	.13	0.	172.96	440.00
12200	145.00	8.36	0.	.11	0.	16.00	100.00
12200	310.00	11.27	2.90	.06	0.	16.00	100.00
12200	410.00	13.41	2.15	.04	0.	51.37	100.00
12200	755.00	17.93	4.52	.02	0.	173.47	100.00
12300	145.00	8.37	0.	.01	0.	16.00	67.00
12300	310.00	12.61	5.24	2.34	0.	16.00	67.00
12300	410.00	17.58	3.97	4.16	0.	16.00	67.00
12300	755.00	19.77	2.19	1.64	0.	414.72	67.00
12400	145.00	8.44	0.	.07	0.	25.07	50.00
12400	310.00	13.66	5.21	.05	0.	95.69	50.00
12400	410.00	17.63	3.98	.06	0.	167.94	50.00
12400	755.00	19.78	2.14	.01	0.	416.65	50.00

SECNO	Q	CWSEL	DIFWSP	UIFWSX	DIFKWS	TOPWIO	XLCH
13.100	145.00	13.83	0.	5.39	0.	41.61	1512.00
13.100	310.00	15.99	2.16	2.34	0.	57.64	1512.00
13.100	410.00	18.40	2.41	.77	0.	69.04	1512.00
13.100	755.00	20.66	2.26	.89	0.	78.76	1512.00
13.200	145.00	14.92	0.	.59	0.	7.30	100.00
13.200	310.00	16.16	1.74	.17	0.	7.30	100.00
13.200	410.00	18.27	2.11	.13	0.	7.30	100.00
13.200	755.00	20.78	2.51	.12	0.	79.27	100.00
13.300	145.00	14.78	0.	.36	0.	7.30	100.00
13.300	310.00	17.54	2.76	1.38	0.	7.30	100.00
13.300	410.00	21.46	2.92	3.19	0.	7.30	100.00
13.300	755.00	26.19	4.73	5.41	0.	230.51	100.00
13.400	145.00	15.46	0.	.68	0.	53.76	50.00
13.400	310.00	18.46	3.00	.92	0.	69.29	50.00
13.400	410.00	22.06	3.69	.60	0.	84.77	50.00
13.400	755.00	26.21	4.14	.81	0.	232.29	50.00

28 DEC 81 10:06:50

PAGE 30

FLOODWAY DATA, AR FLOOD  
 PROFILE NO. 2

STATION	FLOODWAY			MEAN VELOCITY	WATER SURFACE ELEVATION	
	WIDTH	SECTION AREA	VELOCITY		WITH FLOODWAY	WITHOUT FLOODWAY
10+000	42.	69.	4.5	3.9	2.8	1.1
11+100	18.	57.	5.5	7.7	6.4	1.3
11+200	12.	59.	5.3	8.6	7.1	1.5
11+300	12.	82.	3.8	10.6	7.3	3.3
11+400	44.	129.	2.4	10.8	7.5	3.3
12+100	34.	158.	2.0	11.2	8.2	3.0
12+200	16.	107.	2.5	11.3	8.4	2.9
12+300	16.	144.	2.2	13.6	8.4	5.2
12+400	96.	231.	.9	13.6	8.4	5.2
13+100	50.	187.	1.7	16.0	13.8	2.2
13+200	7.	35.	8.7	16.1	14.4	1.7
13+300	7.	46.	6.8	17.6	14.8	2.8
13+400	69.	346.	.9	18.5	15.5	3.0



28 DEC 81 10:05:50

PAGE 31

FLOODWAY DATA AR FLOOD  
 PROFILE NO. 3

STATION	WIDTH	SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION	
				WITH FLOODWAY	WITHOUT FLOODWAY
10+000	59.	92.	4.5	4+3	2+8
11+100	20.	62.	6.0	8+3	6+4
11+200	12.	67.	6.1	9+3	7+1
11+300	12.	111.	3.7	13+6	7+3
11+400	75.	270.	1.5	13+1	7+5
12+100	90.	305.	1.3	13+3	8+2
12+200	91.	309.	1.3	13+4	8+4
12+300	16.	208.	2.0	17+6	8+4
12+400	168.	855.	.5	17+6	8+4
13+100	69.	341.	1.2	18+4	13+8
13+200	7.	51.	8.1	18+2	14+4
13+300	7.	74.	5.5	21+5	14+8
13+400	85.	623.	.7	22+1	15+5

FLOODWAY DATA AR FLOOD  
PROFILE NO. 4

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
10+000	99	163	4.6	5.2	2.8	2.4
11+100	25	105	7.2	9.9	6.4	3.5
11+200	12	69	8.5	11.2	7.1	4.1
11+300	213	777	1.0	17.8	7.3	10.5
11+400	218	781	1.0	17.8	7.5	10.3
12+100	173	903	.8	17.9	8.2	9.7
12+200	173	907	.8	18.4	8.4	9.6
12+300	415	1333	.6	19.8	6.4	11.4
12+400	417	1336	.6	19.7	9.4	11.3
13+100	79	589	1.5	20.6	13.8	6.8
13+200	79	518	1.5	20.6	14.4	6.4
13+300	231	1049	.7	26.2	14.6	11.4
13+400	232	1051	.7	26.2	15.5	10.7

THIS RUN EXECUTED 29 DEC 81 16:49:45

O.K.

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 51,02,03,04  
 MODIFICATION - 50,51,52,53,54  
 \*\*\*\*\*

T1 KILL CREEK NORTH TRIBUTARY  
 T2 JACKSONVILLE NORTH CAROLINA - GROUP 1  
 T3 100 YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FO
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	4.290	-0.

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNH	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110.000	200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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J5 LPMNT MUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
.150	.180	.050	.100	.300	-0.	-0.	-0.	-0.	-0.	-0.
5.000	145.000	310.000	410.000	755.000	410.000	-0.	-0.	-0.	-0.	-0.
-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.	-0.
15.000	15.000	423.000	450.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
20.000	-0.	19.200	50.000	21.200	150.000	21.200	250.000	270.000	270.000	270.000
12.500	350.000	4.300	423.000	.900	428.000	.700	432.000	437.000	437.000	437.000
.700	450.000	1.100	443.000	3.400	450.000	5.200	514.000	550.000	550.000	550.000
20.000	650.000	22.400	750.000	23.000	850.000	-0.	-0.	-0.	-0.	-0.

110.000	16.000	691.500	703.500	474.000	474.000	474.000	663.000	675.000	675.000	675.000
20.000	-0.	15.000	250.000	17.700	600.000	17.300	703.000	706.000	706.000	706.000
6.700	691.500	3.700	691.500	3.400	700.000	4.500	900.000	900.000	900.000	900.000
10.500	708.000	10.500	722.000	18.000	800.000	18.500	900.000	1100.000	1100.000	1100.000
20.000	1100.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
-0.	-0.	.050	.300	.500	-0.	-0.	-0.	-0.	-0.	-0.





THIS RUN EXECUTED 29 DEC 81 16.49.45

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HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
ERROR CORR - 01.02.03.04
MODIFICATION - 50.51.52.53.54
*****

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T1 MILL CREEK NORTH TRIBUTARY
T2 JACKSONVILLE NORTH CAROLINA - GROUP 1
T3 FLOOD WAY

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J1	ICHECK	ING	INIV	IDIP	STRT	METRIC	HVINS	IBW	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	5.290	-0.
J2	RPROF	IPL01	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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



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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01.02.23.04  
 MODIFICATION - 50.51.52.53.54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

EAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSL	DIFKNS	EG	TOPWID	QLOB	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENC
10.094	4.29	0.	4.74	58.63	0.	403.93	6.07	0.	0.	423.00	450.00	0.
10.097	5.29	1.01	5.53	27.00	0.	410.00	0.	.07	423.00	423.00	450.00	450.00
11.104	8.35	0.	9.12	23.15	2.69	394.51	12.80	0.	0.	691.50	703.50	0.
11.110	8.79	.43	9.50	12.00	0.	410.00	0.	.05	691.50	691.50	703.50	703.50
11.200	9.33	0.	9.91	12.00	0.	410.00	0.	0.	0.	691.50	703.50	0.
11.210	9.92	.59	10.34	12.00	0.	410.00	0.	0.	691.50	691.50	703.50	703.50
11.300	12.94	0.	13.15	12.00	0.	410.00	0.	0.	0.	691.50	703.50	0.
11.300	13.53	.59	13.72	12.00	0.	410.00	0.	0.	691.50	691.50	703.50	703.50
11.400	13.11	0.	13.23	75.26	27.09	338.99	43.92	0.	0.	691.50	703.50	0.
11.400	13.64	.53	13.80	14.77	0.	386.17	23.83	.20	691.50	691.50	703.50	706.27
12.200	13.37	0.	13.46	90.49	35.50	356.37	18.20	0.	0.	386.50	402.50	0.
12.200	13.95	.56	14.02	101.08	40.68	346.53	22.80	0.	0.	356.50	402.50	0.
12.200	13.41	0.	13.50	51.38	35.94	355.50	18.57	0.	0.	386.50	402.50	0.
12.200	13.99	.57	14.06	141.88	40.96	345.97	23.37	0.	0.	386.50	402.50	0.
12.300	17.58	0.	17.64	16.00	0.	410.00	0.	0.	0.	386.50	402.50	0.
12.300	18.16	.58	18.21	16.00	0.	410.00	0.	0.	0.	366.50	402.50	0.
12.400	17.43	0.	17.65	167.95	69.19	285.22	55.60	0.	0.	386.50	402.50	0.
12.400	18.21	.58	18.23	178.42	72.83	276.57	60.60	0.	0.	386.50	402.50	0.
13.100	18.49	0.	18.49	69.04	123.47	183.27	106.26	0.	0.	396.35	403.65	0.
13.100	18.82	.42	18.90	79.84	124.49	177.11	108.40	0.	0.	396.35	403.65	0.
13.200	18.27	0.	19.26	7.30	0.	410.00	0.	0.	0.	396.35	403.65	0.
13.200	18.68	.41	19.58	7.30	0.	410.00	0.	0.	0.	396.35	403.65	0.

SECNO	CWSEL	DIFKVS	EG	TOPWID	QLOB	OCH	GRDB	PEPENC	STEVCL	STCHL	STCHR	STENCR
13.300	21.46	0.	21.93	7.30	0.	410.00	0.	0.	0.	396.35	403.65	0.
13.300	21.91	.45	22.54	7.30	0.	410.00	0.	0.	0.	396.35	403.65	0.
13.400	22.06	0.	22.09	84.77	130.75	158.90	120.35	0.	0.	396.35	403.65	0.
13.400	22.46	.48	22.48	86.48	131.39	157.16	121.45	0.	0.	396.35	403.65	0.

MILL CREEK NORTH TRIB  
 FLOODWAY DATA EAR FLOOD  
 PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	CUMULATIVE DISTANCE
10+00	27	105	3.9	5.3	4.3	600
11+00	12	61	6.7	6.8	8.4	1074
11+20	12	74	5.5	9.9	9.3	1174
11+30	12	118	3.5	13.5	12.9	1226
11+50	15	142	2.9	13.6	13.1	1276
12+00	15	368	1.1	14.0	13.4	1716
12+20	18	354	1.1	14.0	13.4	1816
12+30	16	217	1.9	18.2	17.6	1883
12+40	178	955	.4	18.2	17.6	1933
13+00	71	371	1.1	18.6	18.4	3445
13+20	7	50	7.6	18.7	18.3	3545
13+30	7	77	5.3	21.9	21.5	3653
13+40	86	657	.6	22.5	22.1	3703