

LAWSON

CREEK

Good

THIS RUN EXECUTED 25 MAR 83 09.32.05

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 HEC2 RELEASE DATED NOV 78 JUPDATED 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 LAWSON CREEK  
 T3 10 YEAR FLOOD

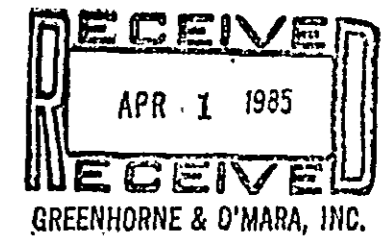
J1	ICHECK	INQ	NINQ	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-0.	2.	-0.	-0.	.001300	-0.	-0.	-0.	-.100	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHL3	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	.200	.200	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	174.000	370.000	492.000	899.000	492.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
XI	1.000	23.000	3350.000	3459.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	13.000	-0.	10.000	600.000	10.000	1850.000	5.000	2000.000	2.100	2950.000
GR	2.000	3350.000	1.600	3350.000	-1.000	3365.000	1.600	3381.000	5.000	3391.000
GR	5.400	3406.000	5.000	3423.000	.800	3430.000	-.900	3444.000	.800	3459.000
GR	1.200	3459.000	1.300	3867.000	3.100	3886.000	3.500	3889.000	4.800	3973.000
GR	10.200	4012.000	11.300	4033.000	13.000	4077.000	-0.	-0.	-0.	-0.
X1	5.100	14.000	1278.000	1308.000	330.000	380.000	380.000	-0.	-0.	-0.
GR	10.000	-0.	5.000	95.000	5.000	1118.000	2.000	1278.000	1.800	1278.000
GR	-1.500	1284.000	-1.600	1290.000	-1.400	1295.000	1.800	1308.000	2.000	1310.000
GR	5.400	1337.000	6.500	1354.000	6.500	1378.000	10.000	1978.000	-0.	-0.
VC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	5.200	15.000	1628.000	1640.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	11.900	19.000	-0.
GR	13.000	-0.	10.000	344.000	5.000	430.000	5.000	1462.000	2.000	1622.000
GR	1.300	1528.000	-2.700	1628.000	-2.700	1640.000	1.300	1640.000	2.000	1654.000
GR	5.400	1581.000	6.500	1699.000	6.500	1722.000	10.000	2322.000	15.000	2342.000



FLOODWAY DATA, BASE FLOOD  
PROFILE NO. 2

LAWSON Creek

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	109.	1924	2.6	3.2	2.2	1.0
5.100	30.	134.	3.7	4.0	3.3	.7
5.200	12.	846	5.9	4.3	3.7	.6
5.300	12.	954	5.1	5.3	4.3	1.0
5.400	30.	1366	2.6	5.7	4.9	.8
6.100	30.	1594	3.1	5.9	5.1	.8
6.200	21.	1054	4.7	6.1	5.2	.9
6.300	83.	4244	1.2	7.5	6.6	.9
6.400	77.	4154	1.2	7.5	6.6	.9
2.000	42.	2674	1.8	9.2	8.2	1.0



THIS RUN EXECUTED 25 MAR 83 09.32.06

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 REC2 RELEASE DATED NOV 75 UPDATED MARCH 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 LAWSON CREEK  
 T3 50 YEAR FLOOD

J1	ICHECK	INQ	VIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F3
	-0.	3.	-0.	-0.	.002530	-0.	-0.	-0.	.800	-0.
J2	NPROF	IPLDT	PRFVS	KSECV	KSECH	FN	ALLOC	ISW	CHNLM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 09.32.06

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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 LAWSON CREEK  
 T3 100 YEAR FLOOD

J1	ICHECK	ING	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	.003210	-0.	-0.	-0.	1.100	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.000	-0.	-E.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 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 LAWSON CREEK  
 T3 500 YEAR FLOOD

J1	ICHECK	INQ	NIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	.004930	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 09.32.06

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERRJR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
1.000	0.	0.	0.	-1.00	174.00	1.75	.60	1.77	13.03	1.43	301.47	48.21
1.000	0.	0.	0.	-1.00	370.00	2.06	1.12	2.12	25.50	2.22	459.62	73.27
1.000	0.	0.	0.	-1.00	492.00	2.19	1.58	2.26	32.47	2.60	573.07	86.34
1.000	0.	0.	0.	-1.00	899.00	2.53	1.95	2.64	48.45	3.48	897.20	129.16
5.100	380.00	0.	0.	-1.80	174.00	2.24	.13	2.31	14.32	2.13	84.13	45.89
5.100	380.00	0.	0.	-1.80	370.00	2.98	1.05	3.17	27.82	3.48	135.81	70.07
5.100	390.00	0.	0.	-1.80	492.00	3.34	1.48	3.59	34.44	4.13	171.94	83.84
5.100	390.00	0.	0.	-1.80	899.00	4.18	2.65	4.66	52.17	5.80	290.34	124.47
5.200	100.00	0.	0.	-2.70	174.00	2.38	-.84	2.51	20.97	2.86	60.87	38.00
5.200	100.00	0.	0.	-2.70	370.00	3.26	.38	3.68	55.50	5.18	71.48	49.67
5.200	100.00	0.	0.	-2.70	492.00	3.55	1.03	4.30	78.48	6.44	76.44	55.54
5.200	100.00	0.	0.	-2.70	899.00	4.53	2.87	6.20	171.59	10.36	86.79	68.63
5.300	254.50	13.60	5.30	-2.70	174.00	2.44	0.	2.57	20.01	2.82	61.74	38.90
5.300	254.50	13.60	5.30	-2.70	370.00	3.58	0.	3.95	46.62	4.81	75.32	54.19
5.300	254.50	13.60	5.30	-2.70	492.00	4.26	0.	4.80	58.41	5.99	83.52	54.38
* 5.300	254.50	13.60	5.30	-2.70	899.00	7.29	0.	8.16	58.32	7.49	119.97	117.72
5.400	50.00	0.	0.	-1.80	174.00	2.60	.13	2.65	9.40	1.87	104.72	56.75
5.400	50.00	0.	0.	-1.80	370.00	4.03	1.05	4.12	10.10	2.50	266.07	116.42
5.400	50.00	0.	0.	-1.80	492.00	4.92	1.50	5.01	8.42	2.57	429.55	169.57
5.400	50.00	0.	0.	-1.80	899.00	8.42	2.65	8.43	.59	.95	5232.50	1170.07
6.100	150.00	0.	0.	-1.20	174.00	2.94	1.35	2.95	28.02	2.62	68.45	32.87
6.100	150.00	0.	0.	-1.20	370.00	4.24	2.19	4.35	19.42	2.91	268.77	83.97
6.100	150.00	0.	0.	-1.20	492.00	5.08	2.62	5.17	13.44	2.79	421.59	134.22
6.100	150.00	0.	0.	-1.20	899.00	8.43	3.92	8.47	3.74	2.14	1371.90	464.82
6.200	100.00	0.	0.	-.90	174.00	3.18	2.03	3.42	58.72	3.88	44.82	22.71
6.200	100.00	0.	0.	-.90	370.00	4.44	3.06	4.87	68.38	5.26	70.29	44.74
6.200	100.00	0.	0.	-.90	492.00	5.16	3.58	5.68	63.13	5.76	85.38	61.90
6.200	100.00	0.	0.	-.90	899.00	8.47	4.88	8.52	5.29	2.48	1368.02	390.91



SECVO	KLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	ES	10K+S	VCH	AREA	.01K
6.300	29403	6.40	4.10	-.90	174.00	3.23	0.	3.46	55.27	3.80	45.75	23.41
6.300	29.00	6.40	4.10	-.90	370.00	5.11	0.	5.41	27.31	4.39	84.29	60.58
6.300	29.00	6.40	4.10	-.90	492.00	6.60	0.	6.64	6.57	2.27	645.66	191.99
6.300	29400	6.40	4.10	-.80	899.00	8.50	0.	8.54	5.18	2.46	1381.83	394.84
6.400	50.00	0.	0.	-1.20	174.00	3.55	1.33	3.60	10.88	1.89	148.32	52.76
6.400	50.00	0.	0.	-1.20	370.00	5.49	2.21	5.53	5.15	1.83	497.51	162.99
6.400	50.00	0.	0.	-1.20	492.00	6.64	2.62	6.67	3.68	1.78	713.19	256.49
6.400	50400	0.	0.	-2.20	899.00	8.53	3.91	8.57	3.51	2.09	1420.08	479.90
2.000	2100.00	0.	0.	.50	174.00	6.03	3.60	6.10	12.78	2.63	158.69	48.66
2.000	2100.00	0.	0.	.50	370.00	7.44	4.53	7.57	17.30	3.68	300.20	88.95
2.000	2100.00	0.	0.	.50	492.00	8.24	5.02	8.37	16.70	3.93	414.48	120.41
2.000	2100.00	0.	0.	.50	899.00	10.06	6.45	10.21	16.22	4.56	789.51	223.20

AR FLJ00

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	174.00	1.75	0.	0.	1.65	474.73	0.
1.000	370.00	2.06	.32	0.	1.26	727.94	0.
1.000	492.00	2.19	.13	0.	1.09	911.92	0.
1.000	999.00	2.53	.33	0.	.53	1026.45	0.
5.100	174.00	2.24	0.	.49	0.	46.92	380.00
5.100	370.00	2.99	.75	.92	0.	92.33	380.00
5.100	492.00	3.34	.35	1.14	0.	113.91	380.00
5.100	999.00	4.19	.85	1.65	0.	165.72	380.00
5.200	174.00	2.33	0.	.15	0.	12.00	100.00
5.200	370.00	3.25	.99	.29	0.	12.00	100.00
5.200	492.00	3.66	.40	.33	0.	12.00	100.00
5.200	999.00	4.53	.87	.35	0.	12.00	100.00
5.300	174.00	2.44	0.	.05	0.	12.00	254.50
5.300	370.00	3.59	1.13	.31	0.	12.00	254.50
5.300	492.00	4.25	.68	.60	0.	12.00	254.50
5.300	999.00	7.29	3.03	2.75	0.	12.00	254.50
5.400	174.00	2.50	0.	.15	0.	63.72	50.00
5.400	370.00	4.03	1.43	.45	0.	156.49	50.00
5.400	492.00	4.92	.89	.66	0.	211.00	50.00
5.400	999.00	8.42	3.50	1.13	0.	1680.39	50.00
6.100	174.00	2.84	0.	.24	0.	39.55	150.00
6.100	370.00	4.24	1.39	.21	0.	179.95	150.00
6.100	492.00	5.08	.85	.16	0.	183.12	150.00
6.100	999.00	8.43	3.35	.01	0.	488.77	150.00
6.200	174.00	3.13	0.	.34	0.	19.92	100.00
6.200	370.00	4.44	1.25	.21	0.	21.00	100.00
6.200	492.00	5.15	.72	.08	0.	21.00	100.00
6.200	999.00	8.47	3.31	.04	0.	488.97	100.00
6.300	174.00	3.23	0.	.05	0.	19.03	29.00
6.300	370.00	5.11	1.97	.66	0.	21.00	29.00
6.300	492.00	6.60	1.49	1.44	0.	177.34	29.00
6.300	999.00	8.50	1.90	.03	0.	489.11	29.00
6.400	174.00	3.55	0.	.31	0.	164.64	50.00
6.400	370.00	5.49	1.94	.39	0.	185.16	50.00
6.400	492.00	6.64	1.15	.04	0.	190.92	50.00
6.400	999.00	9.53	1.89	.03	0.	489.23	50.00

SECNO	Q	CUSEC	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2.000	174.00	6.03	0.	2.48	0.	66.97	2100.00
2.000	370.00	7.44	1.41	1.95	0.	126.47	2100.00
2.000	492.00	8.24	.90	1.60	0.	159.51	2100.00
2.000	393.00	10.05	1.82	1.54	0.	263.30	2100.00

FLOOD INSURANCE ZONE DATA FOR AR FLOOD

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10	2	0.2
1.000	0.	-.45	-.13	.33
5.100	380.	-1.10	-.35	.85
5.200	480.	-1.23	-.40	.87
5.300	735.	-1.82	-.68	3.03
5.400	785.	-2.32	-.89	3.50
6.100	935.	-2.24	-.85	3.35
6.200	1035.	-1.98	-.72	3.31
6.300	1064.	-3.37	-1.49	1.90
6.400	1114.	-3.09	-1.15	1.89
2.000	5214.	-2.21	-.80	1.82
WEIGHTED AVG FOR REACH		-2.26	-.83	1.83

*add 1.70 from Hwy 70*

FHF FOR THE REACH = 0.25 WITH 85.1 PERCENT OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A 5

Good!

THIS RUN EXECUTED 25 MAR 83 09.32.05

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 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,14,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES  
 T2 LAWSON CREEK  
 T3 10 YEAR FLOOD

J1	ICHECK	IV3	VIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	2.	-0.	-0.	.001300	-0.	-0.	-0.	.100	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	-0.	-3.	-0.	-0.	-0.	-0.	-0.	-0.
J6	INLE3	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	.200	.200	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	174.000	370.000	492.000	899.000	492.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	23.000	3350.000	3459.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	13.000	-0.	10.000	600.000	10.000	1850.000	5.000	2000.000	2.100	2950.000
GR	2.000	3350.000	1.500	3350.000	-1.000	3365.000	1.600	3381.000	5.000	3391.000
GR	5.400	3405.000	5.000	3423.000	.900	3430.000	-.900	3444.000	.900	3459.000
GR	1.200	3459.000	1.300	3867.000	3.100	3886.000	3.500	3909.000	4.900	3973.000
GR	10.200	4012.000	11.300	4033.000	13.000	4077.000	-0.	-0.	-0.	-0.
X1	5.100	14.000	1278.000	1309.000	330.000	380.000	380.000	-0.	-0.	-0.
GR	10.000	-0.	5.000	35.000	5.000	1118.000	2.000	1278.000	1.900	1278.000
GR	-1.500	1284.000	-1.500	1290.000	-1.400	1295.000	1.800	1308.000	2.000	1310.000
GR	5.400	1337.000	6.500	1354.000	6.500	1378.000	10.000	1978.000	-0.	-0.
VC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	5.200	15.000	1628.000	1640.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	11.900	19.000	-0.
GR	13.000	-0.	10.000	344.000	5.000	430.000	5.000	1462.000	2.000	1622.000
GR	1.300	1528.000	-2.700	1628.000	-2.700	1640.000	1.300	1640.000	2.000	1654.000
GR	5.400	1591.000	6.500	1693.000	6.500	1722.000	10.000	2322.000	15.000	2342.000