

LAWSON

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Good!

THIS RUN EXECUTED 25 MAR 83 09.32.05

 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 LAWSON CREEK
 T3 10 YEAR FLOOD

J1	TCHECK	INQ	MINV	LDTR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	2.	-0.	-0.	.001300	-0.	-0.	-0.	.100	-0.
J2	WPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOC	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	INLES	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	.200	.200	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
WT	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	3406.000	5.000	3423.000	.800	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	1279.000	1308.000	330.000	380.000	390.000	-0.	-0.	-0.
GR	10.000	-0.	5.000	35.000	5.000	1118.000	2.000	1279.000	1.800	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	1628.000	-2.700	1628.000	-2.700	1640.000	1.300	1640.000	2.000	1654.000
GR	5.400	1641.000	6.500	1695.000	6.500	1722.000	10.000	2322.000	15.000	2342.000

THIS RUN EXECUTED 25 MAR 83 09.32.06

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

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 LAWSON CREEK
 T3 50 YEAR FLOOD

J1	ICHECK	IND	VINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F3
	-0.	3.	-0.	-0.	.002530	-0.	-0.	-0.	.800	-0.
J2	WPROF	IPLOT	PRFVS	XSECV	YSECH	FV	ALLOC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 09.32.06

 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 LAWSON CREEK
 T3 100 YEAR FLOOD

J1	ICHECK	INQ	NIVV	IDIP	STRT	METRIC	HVINS	0	WSEL	FG
	-0.	4.	-0.	-0.	.003210	-0.	-0.	-0.	1.100	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 09.32.06

 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 56,51,52,53,54,55

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 LARSON CREEK
 T3 500 YEAR FLOOD

J1	ICHECK	ING	NIVV	DIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	.004930	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOC	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

 HEC2 RELEASE DATED NOV 76 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

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	YLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRISW	ES	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	14.38	2.13	84.13	45.89
5.100	380.00	0.	0.	-1.80	370.00	2.38	1.05	3.17	27.88	3.48	135.81	70.07
5.100	380.00	0.	0.	-1.80	492.00	3.34	1.48	3.59	34.44	4.13	171.94	83.84
5.100	380.00	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	3.56	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	18.60	5.30	-2.70	174.00	2.44	0.	2.57	20.01	2.82	61.74	38.90
5.300	254.50	18.60	5.30	-2.70	370.00	3.59	0.	3.95	46.62	4.91	75.32	54.19
5.300	254.50	18.60	5.30	-2.70	492.00	4.26	0.	4.80	58.41	5.89	83.52	64.38
5.300	254.50	18.60	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	1170.09
6.100	150.00	0.	0.	-1.20	174.00	2.84	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	2.81	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	70.28	44.74
6.200	100.00	0.	0.	-.90	492.00	5.16	3.58	5.68	63.18	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

25 MAR 83 09.32.03

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
5.300	29.00	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	37.31	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	29.00	6.40	4.10	-.90	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	3.53	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	50.00	0.	0.	-1.20	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 FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFNSP	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	27.94	0.
1.000	492.00	2.19	.13	0.	1.09	911.32	0.
1.000	899.00	2.53	.33	0.	.53	1026.45	0.
5.100	174.00	2.24	0.	.49	0.	46.32	380.00
5.100	370.00	2.98	.75	.92	0.	92.33	380.00
5.100	492.00	3.34	.35	1.14	0.	113.81	380.00
5.100	899.00	4.18	.85	1.66	0.	165.72	380.00
5.200	174.00	2.53	0.	.15	0.	12.00	100.00
5.200	370.00	3.25	.33	.28	0.	12.00	100.00
5.200	492.00	3.65	.40	.33	0.	12.00	100.00
5.200	899.00	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	3.53	1.13	.31	0.	12.00	254.50
5.300	492.00	4.25	.68	.60	0.	12.00	254.50
5.300	899.00	7.29	3.03	2.75	0.	12.00	254.50
5.400	174.00	2.60	0.	.15	0.	69.72	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	899.00	8.42	3.50	1.13	0.	1680.39	50.00
6.100	174.00	2.94	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	899.00	6.43	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	899.00	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	1.87	.65	0.	21.00	29.00
6.300	492.00	6.60	1.49	1.44	0.	177.34	29.00
6.300	899.00	8.50	1.90	.03	0.	489.11	29.00
6.400	174.00	3.53	0.	.31	0.	664.64	50.00
6.400	370.00	5.43	1.94	.39	0.	185.16	50.00
6.400	492.00	6.64	1.15	.04	0.	190.92	50.00
6.400	899.00	8.53	1.89	.03	0.	489.23	50.00

SECVD	3	CASEL	DIFJSP	DIFJSX	DIFKWS	TOPWJ3	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.	128.47	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

THIS RUN EXECUTED 31 MAR 83 10.54.48

 HECC RELEASE DATED NOV 78 UPDATED MARCH 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 LANSOV CREEK
 T3 BASE FLOOD

J1	ICHECK	IN	VIN	IDR	STRT	METRIC	HVINS	0	#SEL	FR
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	2.190	-0.
J2	DEPOT	INLET	SEVS	XSECV	XSECH	FR	ALLDC	IBX	CHNIM	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J5	VARIABLE CODES FOR SUMMARY PRINTOUT									
	200.000	110.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	LRPT.	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	INLET	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	5.200	2.200	0.050	0.100	0.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	174.000	370.000	492.000	839.000	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	1250.000	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	3406.000	5.000	3423.000	0.900	3430.000	-0.900	3444.000	0.800	3459.000
GR	1.200	3459.000	1.300	3467.000	3.100	3486.000	3.500	3509.000	4.800	3573.000
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	380.000	380.000	380.000	-0.	-0.	-0.
GR	10.000	-0.	5.000	86.000	5.000	1118.000	2.000	1278.000	1.800	1278.000
GR	-1.500	1284.000	-1.200	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	1378.000	-0.	-0.
NC	-0.	-0.	-0.	0.300	0.500	-0.	-0.	-0.	-0.	-0.
X1	5.200	15.300	1020.000	1040.000	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	1628.000	-2.700	1620.000	-2.700	1640.000	1.300	1640.000	2.000	1654.000
GR	5.400	1081.000	6.500	1096.000	6.500	1722.000	10.000	2322.000	15.000	2342.000

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THIS RUN EXECUTED 31 MAR 83 10.54.48

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

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 LAWSON CREEK
 T3 FLOODWAY

J1	ICHECK	INW	NIW	IDIR	STRT	METRIC	HVINS		WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	3.190	-0.
J2	I PROF	I PLOT	PRFVS	XSECV	XSECH	FN	ALLDC	ISW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHLQ = 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 31 MAR 83 10.54.48

 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 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

BASE FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	CG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	2.19	0.	2.26	910.93	6.48	328.16	157.36	0.	0.	3350.00	3459.00	0.
1.002	3.19	1.00	3.29	59.65	0.	492.00	0.	.56	3350.00	3350.00	3459.00	3459.00
5.100	3.34	0.	3.59	113.89	15.86	472.20	3.94	0.	0.	1278.00	1308.00	0.
5.100	4.00	.66	4.21	30.00	0.	492.00	0.	.11	1278.00	1278.00	1308.00	1308.00
5.200	3.65	0.	4.31	12.00	0.	492.00	0.	0.	0.	1628.00	1640.00	0.
5.200	4.25	.60	4.80	12.00	0.	492.00	0.	0.	1628.00	1628.00	1640.00	1640.00
5.300	4.26	0.	4.80	12.00	0.	492.00	0.	0.	0.	1628.00	1640.00	0.
5.300	5.26	1.00	5.67	12.00	0.	492.00	0.	0.	0.	1628.00	1640.00	0.
5.400	4.92	0.	5.01	211.10	63.20	416.72	12.08	0.	0.	1622.00	1652.00	0.
5.400	5.73	.81	5.84	30.00	0.	492.00	0.	.40	1622.00	1622.00	1652.00	1652.00
6.100	5.08	0.	5.17	183.13	.65	370.75	120.61	0.	0.	1619.00	1649.00	0.
6.100	5.90	.82	5.05	30.00	0.	492.00	0.	.32	1619.00	1619.00	1649.00	1649.00
6.200	5.16	0.	5.68	21.00	0.	492.00	0.	0.	0.	1623.00	1644.00	0.
6.200	6.07	.91	6.42	21.00	0.	492.00	0.	.46	1623.00	1623.00	1644.00	1644.00
6.300	6.60	0.	6.64	177.34	0.	262.83	229.17	0.	0.	1623.00	1644.00	0.
6.300	7.51	.91	7.58	87.64	0.	332.32	159.68	.33	1623.00	1623.00	1644.00	1710.64
6.400	6.64	0.	6.67	190.82	2.11	320.60	169.29	0.	0.	1619.00	1649.00	0.
6.400	7.56	.92	7.61	77.26	0.	410.04	81.96	.28	1619.00	1619.00	1649.00	1696.26
2.000	8.24	0.	8.37	159.52	79.91	259.65	152.43	0.	0.	995.00	1005.00	0.
2.000	9.26	1.02	9.46	42.48	53.31	328.73	109.95	.30	981.88	995.00	1005.00	1024.36

LAWSON Creek

FLOODWAY DATA, BASE FLOOD
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
				WITH FLOODWAY	WITHOUT FLOODWAY	
1.000	107.	102.	2.6	3.2	2.2	1.0
5.100	30.	134.	3.7	4.0	3.3	.7
5.200	12.	94.	5.9	4.3	3.7	.6
5.300	12.	96.	5.1	5.3	4.3	1.0
5.400	30.	126.	2.6	5.7	4.9	.8
6.100	30.	159.	3.1	5.9	5.1	.8
6.200	21.	105.	4.7	6.1	5.2	.9
6.300	93.	424.	1.2	7.5	6.6	.9
6.400	77.	416.	1.2	7.5	6.6	.9
2.000	42.	267.	1.8	9.2	8.2	1.0