

THIS RUN EXECUTED 06 JUL 81 13.39.57

Final
4 Flw

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 RILEYS CREEK
 T2 PENDER CO N.C.
 T3 10-YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	FVINS	Q	WSEL	FO
	-0.	2.	-0.	-0.	.000600	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	201.000	200.000	150.000	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLER	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1745.000	3260.000	4135.000	6815.000	4135.000	-0.	-0.	-0.	-0.
X1	2.000	24.000	1805.000	1895.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	10.000	0.	4.200	1295.000	2.100	1345.000	1.900	1695.000	2.600	1793.000
GR	3.200	1805.000	.750	1809.000	-0.320	1810.000	-8.500	1820.000	-8.900	1830.000
GR	-9.400	1840.000	-9.800	1850.000	-7.600	1860.000	-4.700	1870.000	-1.600	1885.000
GR	.600	1893.000	-.300	1893.000	2.400	1895.000	2.000	1995.000	2.100	2020.000
GR	2.700	2095.000	5.200	2195.000	6.800	2295.000	10.000	2350.000	-0.	-0.
X1	3.000	18.000	480.000	515.000	2600.000	3500.000	4500.000	-0.	-0.	-0.
GR	10.000	0.	6.700	065.000	7.200	215.000	3.200	315.000	2.000	415.000
GR	2.700	480.000	.610	488.000	-1.400	493.000	3.700	500.000	-.330	518.000
GR	.610	510.000	1.600	515.000	2.400	615.000	1.400	715.000	2.000	815.000
GR	2.700	915.000	4.200	1015.000	15.000	1150.000	-0.	-0.	-0.	-0.
X1	4.000	20.000	2775.000	2795.000	3040.000	3140.000	3040.000	-0.	-0.	-0.
X4	1.000	11.400	2395.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	20.000	-0.	11.700	2345.000	10.900	2495.000	8.600	2595.000	8.800	2665.000
GR	5.400	2695.000	2.400	2725.000	2.900	2775.000	1.900	2778.000	.600	2779.000
GR	-.180	2785.000	.400	2792.000	1.900	2793.000	2.020	2795.000	1.900	2995.000
GR	1.400	3095.000	2.100	3195.000	4.300	3245.000	10.000	3285.000	20.000	3650.000

THIS RUN EXECUTED 06 JUL 81 13.40.03

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 RILEYS CREEK
 T2 PENDER CO N.C.
 T3 50

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	MSEL	FG
	-0.	3.	-0.	-0.	.000600	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBL	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 06 JUL 81 13.40.03

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

T1 RILEYS CREEK
 T2 PENDER CO N.C.
 T3 100

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	RVINS	G	MSEL	FG
	-0.	4.	-0.	-0.	.000600	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 06 JUL 81 13.41.03

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 MEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 RILEYS CREEK
 T2 PENDER CO N.C.
 T3 500

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	FVINS	Q	WSEL	FQ
	-0.	5.	-0.	-0.	.000600	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 06 JUL 81 13.40.04

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

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

AR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
2.000	3.79	1.79	3.83	834.01	212.77	1454.55	77.68	0.	0.	1805.00	1895.00	0.
2.000	5.87	3.87	5.91	1314.88	871.35	2023.65	365.00	0.	0.	1805.00	1895.00	0.
2.000	6.73	4.73	6.77	1561.84	1310.74	2272.57	551.69	0.	0.	1805.00	1895.00	0.
2.000	8.62	6.62	8.66	2018.91	2765.41	2912.77	1136.82	0.	0.	1805.00	1895.00	0.
3.000	6.45	0.	6.45	809.18	371.34	244.58	1129.08	0.	0.	480.00	515.00	0.
3.000	8.32	0.	8.33	1033.31	811.40	393.96	2054.64	0.	0.	480.00	515.00	0.
3.000	9.14	0.	9.15	1059.62	1101.16	473.31	2560.53	0.	0.	480.00	515.00	0.
3.000	11.07	0.	11.08	1100.78	2041.47	704.37	4069.16	0.	0.	480.00	515.00	0.
4.000	8.07	0.	8.08	600.01	180.26	173.90	1290.84	0.	0.	2775.00	2795.00	0.
4.000	10.15	0.	10.16	763.44	410.05	295.30	2554.65	0.	0.	2775.00	2795.00	0.
4.000	11.07	0.	11.08	866.42	576.94	359.76	3198.29	0.	0.	2775.00	2795.00	0.
4.000	13.23	0.	13.25	1502.95	1282.15	531.25	5001.60	0.	0.	2775.00	2795.00	0.
5.000	9.16	0.	9.17	969.87	1320.29	424.71	0.	0.	0.	1960.00	2000.00	0.
5.000	11.25	0.	11.26	1431.80	2663.87	582.21	13.92	0.	0.	1960.00	2000.00	0.
5.000	12.17	0.	12.18	1631.25	3407.49	657.34	70.17	0.	0.	1960.00	2000.00	0.
5.000	14.34	0.	14.35	1901.43	5560.73	855.92	398.35	0.	0.	1960.00	2000.00	0.

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CKSEL	CRWS	EG	10K+S	VCH	AREA	OGIK
2.000	-0.	0.	0.	-9.80	1745.00	3.79	-5.21	3.83	6.01	1.71	2004.13	711.89
2.000	-0.	0.	0.	-9.80	3260.00	5.87	-3.40	5.91	5.99	1.95	4158.09	1331.81
2.000	-0.	0.	0.	-9.80	4135.00	6.73	-2.55	6.77	5.94	2.04	5401.06	1697.14
2.000	-0.	0.	0.	-9.80	6815.00	8.62	-0.47	8.66	6.08	2.27	8784.87	2764.73
3.000	4500.00	0.	0.	-1.40	1745.00	6.45	3.02	6.45	7.65	1.31	3083.21	630.76
3.000	4500.00	0.	0.	-1.40	3260.00	8.32	3.42	8.33	7.30	1.56	4678.77	1206.59
3.000	4500.00	0.	0.	-1.40	4135.00	9.14	3.62	9.15	7.36	1.68	5733.91	1523.86
3.000	4500.00	0.	0.	-1.40	6815.00	11.07	4.04	11.08	7.96	2.02	7826.21	2415.84
4.000	3040.00	0.	0.	-1.18	1745.00	8.07	2.96	8.08	4.11	1.19	3362.57	861.03
4.000	3040.00	0.	0.	-1.18	3260.00	10.15	3.37	10.16	5.13	1.58	4790.90	1439.23
4.000	3040.00	0.	0.	-1.18	4135.00	11.07	3.58	11.08	5.58	1.75	5528.01	1750.52
4.000	3040.00	0.	0.	-1.18	6815.00	13.23	4.14	13.25	6.44	2.13	8044.97	2685.46
5.000	2065.00	0.	0.	-1.60	1745.00	9.16	5.05	9.17	6.43	1.48	3098.99	688.18
5.000	2065.00	0.	0.	-1.60	3260.00	11.25	5.80	11.26	5.50	1.57	5558.33	1390.35
5.000	2065.00	0.	0.	-1.60	4135.00	12.17	6.13	12.18	5.10	1.62	6983.40	1830.26
5.000	2065.00	0.	0.	-1.60	6815.00	14.34	6.87	14.35	4.55	1.73	10839.12	3196.28

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	U	CWSEL	DIFWSP	DIFWSX	DIFKWS	TCPWID	XLCH
2.000	1745.00	3.79	0.00	0.00	1.79	834.01	-0.
2.000	3260.00	5.87	2.08	0.00	3.87	1314.88	-0.
2.000	4135.00	6.73	.86	0.00	4.73	1561.84	-0.
2.000	6815.00	8.62	1.89	0.00	6.62	2018.91	-0.
3.000	1745.00	6.45	0.00	2.65	0.00	809.18	4500.00
3.000	3260.00	8.32	1.87	2.45	0.00	1033.31	4500.00
3.000	4135.00	9.14	.82	2.40	0.00	1059.62	4500.00
3.000	6815.00	11.07	1.93	2.44	0.00	1100.78	4500.00
4.000	1745.00	8.07	0.00	1.63	0.00	600.01	3040.00
4.000	3260.00	10.15	2.08	1.83	0.00	763.44	3040.00
4.000	4135.00	11.07	.92	1.93	0.00	866.42	3040.00
4.000	6815.00	13.23	2.16	2.16	0.00	1502.95	3040.00
5.000	1745.00	9.16	0.00	1.08	0.00	969.87	2065.00
5.000	3260.00	11.25	2.09	1.10	0.00	1431.80	2065.00
5.000	4135.00	12.17	.92	1.10	0.00	1631.25	2065.00
5.000	6815.00	14.34	2.17	1.11	0.00	1901.43	2065.00

FLOODWAY DATA AR FLOOD
PROFILE NO. 2

STATION	----- WIDTH	FLOODWAY SECTION AREA	----- MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
2.000	1315.	4158.	.8	5.9	3.8	2.1
3.000	1033.	4879.	.7	8.3	6.4	1.9
4.000	763.	4791.	.7	10.2	8.1	2.1
5.000	1432.	5558.	.6	11.3	9.2	2.1

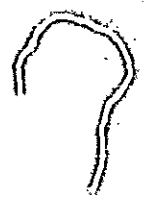
FLOODWAY DATA AR FLOOD
PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
2.000	1562.	5401.	.8	6.7	3.8	2.9
3.000	1060.	5734.	.7	9.1	6.4	2.7
4.000	866.	5528.	.7	11.1	8.1	3.0
5.000	1631.	6983.	.6	12.2	9.2	3.0

06 JUL 81 13.39.57

FLOODWAY DATA AR FLOOD
PROFILE NO. 4

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
				WITH FLOODWAY	WITHOUT FLOODWAY	
2.000	2019.	8785.	.8	8.6	3.8	4.8
3.000	1101.	7826.	.9	11.0	6.4	4.6
4.000	1503.	8045.	.8	13.3	8.1	5.2
5.000	1901.	10839.	.6	14.4	9.2	5.2



Find Flooding

THIS RUN EXECUTED 06 JUL 81 13.56.09

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HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
ERROR CORR - 01.02.03.04
MODIFICATION - 51.51.52.53.54
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T1 RILEYS CREEK
T2 PENDER CO N.C.
T3 100 YEAR FLOOD

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J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	TVINS	Q	MSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	6.730	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLEC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	201.000	200.000	150.000	-0.	-0.	-0.	-0.	-0.	-0.
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.790	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1745.000	3260.000	4135.000	6815.000	4135.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	2.000	24.000	1805.000	1895.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	10.000	0.	4.200	1295.000	2.100	1345.000	1.900	1695.000	2.600	1793.000
GR	3.200	1805.000	.750	1807.000	-0.320	1810.000	-8.500	1820.000	-8.900	1830.000
GR	-9.400	1840.000	-9.800	1850.000	-7.600	1860.000	-4.700	1870.000	-1.600	1885.000
GR	.600	1893.000	.300	1893.000	2.400	1895.000	2.000	1995.000	2.100	2020.000
GR	2.700	2095.000	5.200	2195.000	6.800	2295.000	10.000	2350.000	-0.	-0.
X1	3.000	18.000	480.000	515.000	2600.000	3500.000	4500.000	-0.	-0.	-0.
GR	10.000	0.	6.700	65.000	7.200	215.000	3.200	315.000	2.000	415.000
GR	2.700	480.000	.610	488.000	-1.400	493.000	3.700	500.000	-.330	508.000
GR	.610	510.000	1.600	515.000	2.400	615.000	1.400	715.000	2.000	815.000
GR	2.700	915.000	4.200	1015.000	15.000	1150.000	-0.	-0.	-0.	-0.

THIS RUN EXECUTED 06 JUL 81 13.56.09

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 HEC2 RELEASE DATED NOV 76 UPDATED APRI 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 RILEYS CREEK
 T2 PENDER CO N.C.
 T3 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	7.730	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLCC	IBW	CHNIM	ITRACE
	15.030	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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

EAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOR	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
2.000	6.73	0.	6.77	1560.51	1309.70	2274.04	551.26	0.	0.	1805.00	1895.00	0.
2.000	7.73	1.00	7.76	576.67	1349.08	2587.10	198.82	.23	1386.52	1805.00	1895.00	1963.19
3.000	9.14	0.	9.15	1059.59	1101.08	473.34	2560.58	0.	0.	480.00	515.00	0.
3.000	10.16	1.02	10.17	593.62	517.22	571.85	2645.93	.22	322.02	480.00	515.00	915.64
4.000	11.07	0.	11.08	866.32	576.92	359.77	3198.31	0.	0.	2775.00	2795.00	0.
4.000	12.05	.98	12.06	476.11	366.08	413.85	3355.07	.18	2723.44	2775.00	2795.00	3199.56
5.000	12.17	0.	12.18	1631.21	3407.49	657.36	70.15	0.	0.	1960.00	2000.00	0.
5.000	13.15	.98	13.16	636.63	3392.56	742.44	0.	.24	1363.37	1960.00	2000.00	2000.00

EAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CRWS	EG	10K+S	VCH	AREA	01K
2.000	-0.	0.	0.	-9.80	4135.00	6.73	-2.54	6.77	5.95	2.04	5393.82	1494.88
2.000	-0.	0.	0.	-9.80	4135.00	7.73	-2.55	7.78	5.95	2.15	3942.82	1495.78
3.000	4500.00	0.	0.	-1.40	4135.00	9.14	3.62	9.15	7.37	1.68	5732.90	1523.47
3.000	4500.00	0.	0.	-1.40	4135.00	10.16	3.61	10.17	7.21	1.80	4802.73	1539.89
4.000	3040.00	0.	0.	-.18	4135.00	11.07	3.58	11.08	5.58	1.75	5527.68	1750.38
4.000	3040.00	0.	0.	-.18	4135.00	12.05	3.65	12.06	5.45	1.84	4840.71	1770.53
5.000	2065.00	0.	0.	-1.60	4135.00	12.17	6.13	12.18	5.10	1.62	6983.04	1830.15
5.000	2065.00	0.	0.	-1.60	4135.00	13.15	6.10	13.16	5.23	1.66	5320.21	1808.23

EAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	G	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2.000	4135.00	6.73	0.	0.	0.	1560.51	-0.
2.000	4135.00	7.73	1.00	0.	1.00	576.67	-0.
3.000	4135.00	9.14	0.	2.41	0.	1059.59	4500.00
3.000	4135.00	10.16	1.02	2.43	1.02	593.62	4500.00
4.000	4135.00	11.07	0.	1.93	0.	866.32	3040.00
4.000	4135.00	12.05	.98	1.89	.98	476.11	3040.00
5.000	4135.00	12.17	0.	1.10	0.	1631.21	2065.00
5.000	4135.00	13.15	.96	1.10	.98	636.63	2065.00

FLOODWAY DATA EAR FLOOD
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
2.000	577.	3943.	1.0	7.7	6.7	1.0
3.000	594.	4803.	.9	10.1	9.1	1.0
4.000	476.	4841.	.9	12.1	11.1	1.0
5.000	637.	5320.	.8	13.2	12.2	1.0