

# COLVIN CREEK

ADDITIONAL - 2011-2012

Doc Documents, Inc.

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*Serial*

THIS RUN EXECUTED 28 JUL 81 14.16.07

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HEC2 RELEASE DATED NOV. 76 UPDATED APRIL 1980  
ERROR CORR - 01,02,03,04  
MODIFICATION - 50,51,52,53,54  
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T1 COLVIN CREEK  
T2 PENDER COUNTY NORTH CAROLINA  
T3 10-YEAR FLOOD

J1	ICHECK	ING	MINV	IDIR	STRT	METRIC	FVINS	G	WSEL	FG
	-0.	2.	-0.	-0.	-0.	-0.	-0.	-0.	39.000	-0.
J2	NPROF	IPLDT	PRFVS	XSEC1	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	200.000	201.000	150.000	-0.	-0.	-0.	-0.	-0.	-0.
J6	INLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.005	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1135.000	2175.000	2785.000	4675.000	2785.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	15.100	16.000	1135.000	1152.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	50.000	0.	40.000	625.000	36.000	771.000	35.800	1071.000	36.200	1112.000
GR	30.000	1118.000	29.900	1135.000	25.000	1137.000	25.000	1150.000	30.200	1152.000
GR	31.900	1171.000	36.200	1171.000	36.600	1271.000	38.000	1371.000	39.900	1471.000
GR	50.000	1831.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.085	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	15.200	16.000	910.000	963.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	35.000	35.000	-0.
GR	50.000	0.	40.000	417.000	36.000	563.000	35.800	863.000	36.200	910.000
GR	30.000	910.000	29.900	927.000	25.000	929.000	25.000	942.000	30.200	944.000
GR	31.900	963.000	36.200	963.000	36.600	1063.000	38.000	1263.000	39.900	1363.000
GR	50.000	1571.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.000	1.500	2.600	-0.	49.000	4.000	287.000	.330	28.400	28.400

X1	15.300	0.	0.	0.	25.000	25.000	25.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	34.500	35.000	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	35.800	36.200	-0.
BT	12.000	0.	50.000	-0.	417.000	40.000	-0.	563.000	36.000	-0.
BT	863.000	35.800	-0.	909.000	36.200	-0.	910.000	38.800	-0.	963.000
BT	38.300	-0.	964.000	38.800	-0.	1063.000	36.600	-0.	1263.000	38.000
BT	-0.	1363.000	39.900	-0.	1571.000	50.000	-0.	-0.	-0.	-0.

X1	15.400	16.000	1135.000	1152.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	50.000	0.	40.000	625.000	36.000	771.000	35.800	1071.000	36.200	1118.000
GR	31.000	1118.000	29.900	1135.000	25.000	1137.000	25.000	1150.000	30.200	1152.000
GR	31.900	1171.000	36.200	1171.000	36.600	1271.000	38.000	1371.000	39.900	1471.000
GR	50.000	1831.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-200	5200	085	100	300	-0.	-0.	-0.	-0.	-0.

X1	7.000	14.000	522.000	536.000	1160.000	1160.000	1160.000	-0.	-0.	-0.
GR	50.000	0.	40.000	50.000	35.600	150.000	30.700	350.000	29.700	450.000
GR	30.900	522.000	29.000	524.000	26.100	528.000	29.000	534.000	31.200	536.000
GR	30.500	550.000	36.000	850.000	43.300	550.000	50.000	1263.000	-0.	-0.

X1	8.000	14.000	795.000	817.000	1500.000	1500.000	1730.000	-0.	-0.	-0.
GR	50.000	0.	33.300	417.000	33.200	617.000	31.400	717.000	31.400	795.000
GR	30.000	796.000	29.600	804.000	30.000	810.000	20.900	817.000	29.800	917.000
GR	33.900	1017.000	33.100	1117.000	33.300	1217.000	60.000	1530.000	-0.	-0.
GT	5.000	820.000	1000.000	2125.000	3510.000	2125.000	-0.	-0.	-0.	-0.

X1	9.000	16.000	985.000	1000.000	1400.000	1400.000	1210.000	-0.	-0.	-0.
GR	40.200	0.	46.500	100.000	45.700	200.000	42.000	400.000	35.400	465.000
GR	35.300	500.000	38.000	600.000	37.000	800.000	36.700	900.000	34.500	985.000
GR	34.300	986.000	33.700	992.000	34.200	998.000	35.000	1000.000	34.400	1100.000
GR	51.700	1400.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	11.000	16.000	683.000	700.000	3535.000	3535.000	3535.000	-0.	-0.	-0.
GR	50.000	0.	47.400	100.000	52.300	200.000	36.000	300.000	35.900	400.000
GR	30.400	600.000	35.500	683.000	34.800	865.000	34.200	692.000	34.800	697.000
GR	35.200	700.000	36.100	800.000	38.400	850.000	38.600	900.000	41.300	1100.000
GR	60.000	1152.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GT	5.000	740.000	1045.000	1865.000	3195.000	1865.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.	-0.

X1	11.100	12.000	400.000	420.000	2500.000	3100.000	2690.000	-0.	-0.	-0.
GR	53.500	0.	44.900	300.000	43.100	400.000	42.400	402.000	40.300	410.000
GR	42.400	419.000	43.900	420.000	43.100	800.000	46.100	600.000	47.200	700.000
GR	49.000	800.000	60.000	950.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	200	200	000	200	500	-0.	-0.	-0.	-0.	-0.

X1	11.200	11.000	388.000	412.000	100.000	120.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	47.000	47.000	-0.
GR	52.800	0.	49.800	200.000	40.000	379.500	40.000	388.000	40.000	412.000
GR	40.000	420.000	48.900	420.000	48.800	500.000	48.200	600.000	49.000	800.000
GR	63.000	1425.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.000	2.420	2.800	-0.	18.000	1.000	84.800	.710	42.400	42.400

X1	11.300	0.	0.	0.	50.000	50.000	50.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	46.600	48.200	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	48.900	48.200	-0.
BT	7.000	0.	52.800	0.	200.000	45.800	-0.	379.500	48.900	-0.
BT	420.000	48.900	0.	590.000	48.800	-0.	600.000	48.200	-0.	800.000
BT	49.000	0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	11.400	12.000	400.000	420.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	53.500	0.	44.900	300.000	43.100	400.000	42.400	402.000	40.300	410.000
GR	42.400	417.000	43.900	420.000	43.100	500.000	46.100	600.000	47.200	700.000
GR	49.000	800.000	60.000	956.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	2.000	2.000	2.000	2.000	3.000	-0.	-0.	-0.	-0.	-0.

X1	12.000	12.000	486.000	500.000	950.000	1100.000	1035.000	-0.	-0.	-0.
GR	55.000	0.	53.800	100.000	53.100	200.000	52.500	300.000	51.700	315.000
GR	44.800	359.000	44.700	400.000	45.100	486.000	43.400	490.000	42.900	493.000
GR	43.100	497.000	44.100	498.000	44.600	500.000	44.800	600.000	44.800	700.000
GR	45.700	800.000	51.200	900.000	51.600	1000.000	-0.	-0.	-0.	-0.

X1	12.000	12.000	386.000	400.000	4580.000	3910.000	4240.000	-0.	-0.	-0.
GR	64.000	0.	62.700	100.000	59.500	200.000	55.700	386.000	53.700	387.000
GR	55.700	395.000	53.700	398.000	55.700	400.000	56.600	500.000	60.000	600.000
GR	60.300	700.000	63.400	800.000	-0.	-0.	-0.	-0.	-0.	-0.

X1	14.100	-0.	-0.	-0.	605.000	605.000	605.000	-0.	1.000	-0.
NC	2.000	2.000	2.000	2.000	3.000	-0.	-0.	-0.	-0.	-0.

X1	14.200	38.000	1430.000	1444.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	57.000	57.000	-0.
GR	70.000	0.	63.500	1442.000	59.000	1342.000	58.400	1428.000	53.800	1429.000
GR	53.000	1430.000	53.200	1430.000	52.500	1430.000	52.100	1431.000	51.600	1432.000
GR	52.100	1433.000	52.500	1433.000	53.200	1433.000	53.800	1434.000	53.800	1435.000
GR	53.000	1435.000	52.500	1435.000	52.100	1436.000	51.800	1437.000	52.100	1438.000
GR	50.500	1438.000	53.000	1438.000	53.000	1439.000	54.600	1440.000	53.900	1440.000
GR	53.300	1440.000	52.400	1441.000	52.600	1442.000	52.900	1443.000	53.300	1443.500
GR	53.900	1443.000	54.000	1444.000	54.600	1444.800	58.400	1445.000	58.500	1542.000
GR	59.300	1542.000	61.000	1542.000	70.000	2259.000	-0.	-0.	-0.	-0.
SB	1.000	2.420	2.700	-0.	18.000	1.000	37.700	.810	52.900	52.900



THIS RUN EXECUTED 28 JUL 81 14.16.08

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 COLVIN CREEK  
 T2 FENDER COUNTY NORTH CAROLINA  
 T3 50

J1	ICHECK	INS	WINV	IDIR	STR1	METRIC	FVINS	Q	WSEL	FQ
	-0.	3.	-0.	-1.	-0.	-0.	-1.	-0.	40.600	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-1.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 28 JUL 81 14.16.08

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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01,02,53,54  
 MODIFICATION - 50,51,52,53,54  
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T1 COLVIN CREEK  
 T2 FENDER COUNTY NORTH CAROLINA  
 T3 100

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	FVINS	Q	WSEL	FQ
	-0.	0.	-0.	-0.	-0.	-0.	-0.	-0.	41.400	-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 28 JUL 81 14.16.08

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 COLVIN CREEK  
 T2 PENDER COUNTY NORTH CAROLINA  
 T3 500

J1	ICHECK	WIG	NIPV	IOIR	STRI	METRIC	FVINS	0	WSEL	FG
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	43.400	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLEC	IRW	CHNIM	ITRACE
	15.070	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.



THIS RUN EXECUTED 28 JUL 81 14.16.09

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 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

AR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKNS	EG	TOPWID	QLOB	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
15.100	39.00	0.	39.02	762.13	511.78	407.88	215.33	0.	0.	1135.00	1152.00	0.
15.100	40.60	0.	40.62	908.45	1115.97	542.75	516.28	0.	0.	1135.00	1152.00	0.
15.100	41.40	0.	41.42	906.97	1478.27	594.61	712.12	0.	0.	1135.00	1152.00	0.
15.100	43.40	0.	43.42	1183.25	2603.69	723.91	1347.41	0.	0.	1135.00	1152.00	0.
15.200	39.05	0.	39.06	866.74	343.06	653.07	138.87	0.	0.	910.00	963.00	0.
15.200	40.65	0.	40.67	989.35	809.97	933.85	431.18	0.	0.	910.00	963.00	0.
15.200	41.45	0.	41.47	1039.22	1098.85	1057.88	628.27	0.	0.	910.00	963.00	0.
15.200	43.45	0.	43.47	1163.49	2012.74	1389.63	1272.63	0.	0.	910.00	963.00	0.
15.300	39.07	0.	39.08	868.63	344.48	650.30	140.21	0.	0.	910.00	963.00	0.
15.300	40.69	0.	40.70	991.43	812.28	928.78	433.94	0.	0.	910.00	963.00	0.
15.300	41.50	0.	41.51	1041.73	1101.52	1051.82	631.66	0.	0.	910.00	963.00	0.
15.300	43.51	0.	43.53	1167.46	2016.79	1380.32	1277.89	0.	0.	910.00	963.00	0.
15.400	39.08	0.	39.10	769.47	516.94	399.58	218.48	0.	0.	1135.00	1152.00	0.
15.400	40.71	0.	40.73	919.06	1122.03	530.81	522.16	0.	0.	1135.00	1152.00	0.
15.400	41.52	0.	41.54	998.37	1484.13	582.16	718.71	0.	0.	1135.00	1152.00	0.
15.400	43.54	0.	43.56	1196.50	2609.36	710.39	1355.25	0.	0.	1135.00	1152.00	0.
7.000	39.23	0.	39.24	826.90	654.59	92.45	387.96	0.	0.	522.00	536.00	0.
7.000	40.55	0.	40.95	872.50	1237.21	154.92	782.87	0.	0.	522.00	536.00	0.
7.000	41.79	0.	41.79	688.22	1577.09	187.86	1020.05	0.	0.	522.00	536.00	0.
7.000	43.88	0.	43.89	946.50	2620.01	282.03	1772.96	0.	0.	522.00	536.00	0.
8.000	39.31	0.	39.31	1020.67	489.13	103.52	542.35	0.	0.	795.00	817.00	0.
8.000	41.38	0.	41.35	1085.55	966.61	178.87	1029.53	0.	0.	795.00	817.00	0.
8.000	41.95	0.	41.95	1117.30	1252.51	219.80	1312.70	0.	0.	795.00	817.00	0.
8.000	44.10	0.	44.10	1196.32	2154.00	338.92	2182.08	0.	0.	795.00	817.00	0.
9.000	39.54	0.	39.50	765.89	464.32	87.14	268.53	0.	0.	985.00	1000.00	0.
9.000	41.35	0.	41.36	814.16	997.53	134.53	467.98	0.	0.	985.00	1000.00	0.
9.000	42.03	0.	42.24	848.35	1356.29	165.17	613.64	0.	0.	985.00	1000.00	0.
9.000	44.39	0.	44.40	1002.43	2319.32	235.09	955.59	0.	0.	985.00	1000.00	0.

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10.000	40.53	0.	40.53	770.79	518.69	80.87	220.45	0.	0.	683.00	700.00	0.
10.000	42.34	0.	42.35	841.82	965.28	133.33	501.39	0.	0.	683.00	700.00	0.
10.000	43.27	0.	43.28	850.08	1252.64	165.92	706.44	0.	0.	683.00	700.00	0.
10.000	45.42	0.	45.43	869.25	1988.45	245.45	1276.10	0.	0.	683.00	700.00	0.
11.100	46.18	0.	46.23	350.64	180.37	267.28	292.34	0.	0.	400.00	420.00	0.
11.100	47.48	0.	47.53	505.42	415.29	383.99	645.72	0.	0.	400.00	420.00	0.
11.100	48.11	0.	48.17	562.04	556.33	439.01	869.66	0.	0.	400.00	420.00	0.
11.100	49.68	0.	49.73	676.49	1036.02	585.81	1603.16	0.	0.	400.00	420.00	0.
11.200	46.53	0.	46.88	24.00	0.	740.00	0.	0.	0.	388.00	412.00	0.
11.200	47.78	0.	47.89	182.91	678.63	710.37	64.00	0.	0.	388.00	412.00	0.
11.200	48.41	0.	48.57	283.87	897.14	888.89	78.96	0.	0.	388.00	412.00	0.
11.200	49.97	0.	50.16	666.64	1500.41	1271.93	422.66	0.	0.	388.00	412.00	0.
11.300	48.59	0.	48.74	194.05	0.	677.46	62.54	0.	0.	388.00	412.00	0.
11.300	49.39	0.	49.45	614.56	696.77	628.43	119.81	0.	0.	388.00	412.00	0.
11.300	49.61	0.	49.69	631.25	809.71	786.36	188.93	0.	0.	388.00	412.00	0.
11.300	50.22	0.	51.38	696.92	1487.27	1218.69	489.04	0.	0.	388.00	412.00	0.
11.400	48.81	0.	48.81	624.83	227.33	154.85	357.82	0.	0.	400.00	420.00	0.
11.400	49.49	0.	49.50	667.45	452.94	271.90	720.17	0.	0.	400.00	420.00	0.
11.400	49.76	0.	49.79	679.82	588.20	338.78	938.01	0.	0.	400.00	420.00	0.
11.400	50.50	0.	50.53	716.62	1025.40	527.71	1641.89	0.	0.	400.00	420.00	0.
12.000	49.13	0.	49.13	526.33	214.79	71.36	453.85	0.	0.	486.00	500.00	0.
12.000	50.15	0.	50.15	552.62	416.39	128.68	899.93	0.	0.	486.00	500.00	0.
12.000	50.62	0.	50.63	564.68	535.91	161.20	1167.89	0.	0.	486.00	500.00	0.
12.000	51.88	0.	51.89	685.24	908.77	257.12	2029.11	0.	0.	486.00	500.00	0.
13.000	58.64	0.	58.91	333.45	161.03	282.50	296.46	0.	0.	386.00	400.00	0.
13.000	60.15	0.	60.22	409.81	432.75	385.00	627.25	0.	0.	386.00	400.00	0.
13.000	60.71	0.	60.77	551.19	602.47	429.87	832.65	0.	0.	386.00	400.00	0.
13.000	62.12	0.	62.18	640.37	1130.97	545.62	1518.41	0.	0.	386.00	400.00	0.
14.100	60.57	0.	60.60	385.40	192.61	231.00	316.39	0.	0.	386.00	400.00	0.
14.100	61.91	0.	61.94	563.55	475.49	317.77	651.74	0.	0.	386.00	400.00	0.
14.100	62.48	0.	62.52	599.98	639.63	360.88	804.50	0.	0.	386.00	400.00	0.
14.100	63.50	0.	63.54	695.19	1164.71	476.73	1553.56	0.	0.	386.00	400.00	0.
14.200	60.79	0.	60.84	509.22	157.83	302.51	279.66	0.	0.	1430.00	1444.00	0.
14.200	62.13	0.	62.16	679.57	408.91	372.27	663.81	0.	0.	1430.00	1444.00	0.
14.200	62.70	0.	62.74	752.52	565.56	407.84	891.60	0.	0.	1430.00	1444.00	0.
14.200	64.15	0.	64.16	987.31	1160.55	486.92	1607.53	0.	0.	1430.00	1444.00	0.
14.300	60.60	0.	60.65	511.42	158.69	300.45	280.86	0.	0.	1430.00	1444.00	0.
14.300	62.16	0.	62.20	684.29	411.04	368.19	665.77	0.	0.	1430.00	1444.00	0.
14.300	62.75	0.	62.78	758.16	567.90	402.62	894.48	0.	0.	1430.00	1444.00	0.
14.300	64.20	0.	64.23	1002.16	1107.31	479.37	1608.32	0.	0.	1430.00	1444.00	0.

SECNO	CWSEL	DIFKW	EG	TOPWID	GLOB	OCH	ORCB	FERENC	STENCL	STCHL	STCHR	STENCR
14.600	60.90	0.	60.91	563.12	243.30	163.00	333.64	0.	0.	386.00	400.00	0.
14.600	62.25	0.	52.26	648.77	514.25	245.91	689.84	0.	0.	386.00	400.00	0.
14.600	62.53	0.	62.85	689.15	678.06	261.44	965.50	0.	0.	386.00	400.00	0.
14.600	64.28	0.	64.39	860.39	1212.46	388.11	1554.42	0.	0.	386.00	400.00	0.

AR FLOCD

SUMMARY PRINTOUT TABLE 151

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
15.100	-0.	0.	0.	25.00	1135.00	39.00	31.16	39.02	5.17	1.75	2224.37	499.05
15.100	-0.	0.	0.	25.00	2175.00	40.60	33.37	40.62	6.29	2.13	3558.38	867.73
15.100	-0.	0.	0.	25.00	2785.00	41.40	34.31	41.42	6.35	2.21	4316.55	1105.35
15.100	-0.	0.	0.	25.00	4675.00	43.40	37.79	43.42	6.32	2.39	6486.77	1858.93
15.200	100.00	0.	0.	25.00	1135.00	39.05	31.16	39.06	3.25	1.22	2439.07	629.18
15.200	100.00	0.	0.	25.00	2175.00	40.65	32.73	40.67	4.06	1.50	3943.04	1078.97
15.200	100.00	0.	0.	25.00	2785.00	41.45	33.35	41.47	4.18	1.59	4755.07	1361.64
15.200	100.00	0.	0.	25.00	4675.00	43.45	35.06	43.47	4.41	1.81	6951.99	2226.35
15.300	25.00	35.80	34.50	25.00	1135.00	39.07	0.	39.08	3.20	1.21	2457.47	634.07
15.300	25.00	35.80	34.50	25.00	2175.00	40.69	0.	40.70	3.98	1.49	3976.11	1090.02
15.300	25.00	35.80	34.50	25.00	2785.00	41.50	0.	41.51	4.09	1.58	4796.99	1376.84
15.300	25.00	35.80	34.50	25.00	4675.00	43.51	0.	43.53	4.29	1.79	7026.43	2257.84
15.400	50.00	0.	0.	25.00	1135.00	39.08	31.16	39.10	4.86	1.74	2287.38	514.68
15.400	50.00	0.	0.	25.00	2175.00	40.71	33.37	40.73	5.87	2.07	3657.38	897.54
15.400	50.00	0.	0.	25.00	2785.00	41.52	34.31	41.54	5.94	2.15	4431.92	1142.50
15.400	50.00	0.	0.	25.00	4675.00	43.54	37.77	43.56	5.94	2.33	6647.33	1918.29
7.000	1160.00	0.	0.	26.10	1135.00	39.23	31.65	39.24	.65	.60	5051.52	1412.82
7.000	1160.00	0.	0.	26.10	2175.00	40.95	32.20	40.95	1.12	.87	6513.21	2157.37
7.000	1160.00	0.	0.	26.10	2785.00	41.79	32.47	41.79	1.33	.99	7253.46	2417.64
7.000	1160.00	0.	0.	26.10	4675.00	43.88	33.12	43.89	1.85	1.29	9158.45	2435.26
8.000	1730.00	0.	0.	29.60	1135.00	39.31	31.91	39.31	.43	.50	6238.24	1723.17
8.000	1730.00	0.	0.	29.60	2175.00	41.08	32.53	41.08	.73	.73	8100.49	2544.06
8.000	1730.00	0.	0.	29.60	2785.00	41.95	32.82	41.95	.86	.83	9053.53	3000.67
8.000	1730.00	0.	0.	29.60	4675.00	44.10	33.70	44.10	1.19	1.08	11544.68	4294.13
9.000	1210.00	0.	0.	33.70	820.00	39.58	36.01	39.58	3.86	1.06	2354.56	417.40
9.000	1210.00	0.	0.	33.70	1650.00	41.35	36.54	41.36	3.61	1.23	3757.04	841.60
9.000	1210.00	0.	0.	33.70	2125.00	42.23	36.84	42.24	3.72	1.35	4485.56	1102.24
9.000	1210.00	0.	0.	33.70	3515.00	44.39	37.41	44.40	3.44	1.52	6482.72	1891.43
10.000	3535.00	0.	0.	34.20	820.00	40.53	36.66	40.53	2.07	.81	2788.65	570.38
10.000	3535.00	0.	0.	34.20	1600.00	42.34	36.95	42.35	2.29	1.02	4279.13	1057.45
10.000	3535.00	0.	0.	34.20	2125.00	43.27	37.16	43.28	2.42	1.13	5063.31	1364.65
10.000	3535.00	0.	0.	34.20	3510.00	45.42	37.50	45.43	2.52	1.34	6911.54	2209.60
11.100	2690.00	0.	0.	40.30	740.00	46.18	44.65	46.23	39.88	2.91	707.68	117.18
11.100	2690.00	0.	0.	40.30	1445.00	47.48	45.24	47.53	35.67	3.26	1272.90	241.94
11.100	2690.00	0.	0.	40.30	1865.00	48.11	45.50	48.17	33.31	3.36	1607.03	323.13
11.100	2690.00	0.	0.	40.30	3195.00	49.68	46.23	49.73	28.82	3.62	2596.61	595.17

SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*S	VCH	AREA	*01K
11.250	170.00	0.	0.	40.00	740.00	46.53	43.08	46.88	59.75	4.72	156.73	95.73
11.250	195.00	0.	0.	40.00	1445.00	47.78	47.08	47.89	30.78	3.81	868.54	260.46
11.250	170.00	0.	0.	40.00	1865.00	48.41	47.03	48.57	37.04	4.40	998.72	306.45
11.250	100.00	0.	0.	40.00	3195.00	49.97	47.18	50.16	43.06	5.31	1853.19	486.52
11.300	50.00	48.20	46.60	40.00	740.00	48.59	0.	48.74	20.09	3.25	306.36	165.10
11.300	50.00	48.20	46.60	40.00	1445.00	49.39	0.	49.45	12.85	2.79	1481.59	403.16
11.300	50.00	48.20	46.60	40.00	1865.00	49.61	0.	49.69	18.61	3.41	1619.95	432.36
11.300	50.00	48.20	46.60	40.00	3195.00	50.22	0.	50.38	36.45	4.97	2020.35	529.19
11.400	50.00	0.	0.	40.30	740.00	48.81	44.59	48.81	2.96	1.07	2019.06	430.23
11.400	50.00	0.	0.	40.30	1445.00	49.49	45.23	49.50	6.70	1.72	2472.81	558.14
11.400	50.00	0.	0.	40.30	1865.00	49.76	45.54	49.78	9.37	2.07	2642.66	609.16
11.400	50.00	0.	0.	40.30	3195.00	50.50	46.22	50.53	16.97	2.96	3166.25	775.56
12.000	1935.00	0.	0.	42.90	740.00	49.13	45.49	49.13	3.14	.93	2068.08	417.75
12.000	1935.00	0.	0.	42.90	1445.00	50.15	45.84	50.15	5.78	1.41	2620.27	600.58
12.000	1935.00	0.	0.	42.90	1865.00	50.62	46.01	50.63	7.20	1.65	2882.52	655.24
12.000	1935.00	0.	0.	42.90	3195.00	51.88	46.43	51.89	10.52	2.23	3648.11	984.52
13.000	4240.00	0.	0.	50.70	740.00	58.84	57.19	58.91	44.35	3.31	668.99	111.12
13.000	4240.00	0.	0.	50.70	1445.00	60.15	58.05	60.22	43.07	3.71	1172.80	220.18
13.000	4240.00	0.	0.	50.70	1865.00	60.71	58.37	60.77	42.06	3.85	1469.99	287.59
13.000	4240.00	0.	0.	50.70	3195.00	62.12	59.20	62.18	39.46	4.15	2306.57	568.60
14.100	605.00	0.	0.	51.70	740.00	60.57	58.29	60.60	20.35	2.42	932.99	164.03
14.100	605.00	0.	0.	51.70	1445.00	61.91	59.01	61.94	21.21	2.78	1578.52	313.75
14.100	605.00	0.	0.	51.70	1865.00	62.48	59.37	62.52	21.81	2.95	1912.22	399.31
14.100	605.00	0.	0.	51.70	3195.00	63.90	60.14	63.94	23.04	3.35	2829.92	665.63
14.200	100.00	0.	0.	51.80	740.00	60.79	57.22	60.84	25.34	2.69	897.98	147.00
14.200	100.00	0.	0.	51.80	1445.00	62.13	59.90	62.16	22.94	2.64	1693.52	301.66
14.200	100.00	0.	0.	51.80	1865.00	62.70	60.28	62.74	22.56	2.93	2106.50	392.64
14.200	100.00	0.	0.	51.80	3195.00	64.13	60.91	64.16	20.55	3.06	3325.79	704.80
14.300	37.00	58.40	56.60	51.80	740.00	60.80	0.	60.85	24.82	2.67	966.78	148.54
14.300	37.00	58.40	56.60	51.80	1445.00	62.16	0.	62.20	22.15	2.80	1718.83	307.04
14.300	37.00	58.40	56.60	51.80	1865.00	62.75	0.	62.78	21.65	2.88	2141.13	400.75
14.300	37.00	58.40	56.60	51.80	3195.00	64.20	0.	64.23	19.52	2.99	3393.65	723.07
14.400	50.00	0.	0.	50.70	740.00	60.90	57.27	60.91	5.60	1.43	1574.64	312.84
14.400	50.00	0.	0.	50.70	1445.00	62.25	58.08	62.26	7.34	1.81	2391.87	533.27
14.400	50.00	0.	0.	50.70	1865.00	62.83	58.43	62.85	8.21	1.99	2782.30	650.75
14.400	50.00	0.	0.	50.70	3195.00	64.28	59.20	64.30	9.97	2.40	3897.88	1011.64

AR FLOOD

SUMMARY PRINTOUT TABLE 100

SECNO	Q	CASEL	DIFWSP	DIFWEX	DIFKWS	ICPWID	XLCH
15.100	1135.00	39.05	0.	0.	0.	762.13	-0.
15.100	2175.00	40.60	1.60	0.	0.	908.45	-0.
15.100	2785.00	41.40	.80	0.	0.	986.97	-0.
15.100	4675.00	43.40	2.00	0.	0.	1183.25	-0.
15.200	1135.00	39.05	0.	.05	0.	866.74	100.00
15.200	2175.00	40.65	1.61	.05	0.	989.35	100.00
15.200	2785.00	41.45	.80	.05	0.	1039.22	100.00
15.200	4675.00	43.45	2.00	.05	0.	1163.49	100.00
15.300	1135.00	39.07	0.	.02	0.	868.63	25.00
15.300	2175.00	40.69	1.62	.03	0.	991.43	25.00
15.300	2785.00	41.50	.81	.04	0.	1041.73	25.00
15.300	4675.00	43.51	2.02	.06	0.	1167.46	25.00
15.400	1135.00	39.08	0.	.02	0.	769.47	50.00
15.400	2175.00	40.71	1.63	.02	0.	919.08	50.00
15.400	2785.00	41.52	.81	.02	0.	998.37	50.00
15.400	4675.00	43.54	2.02	.03	0.	1196.50	50.00
7.000	1135.00	39.23	0.	.15	0.	826.90	1160.00
7.000	2175.00	40.95	1.71	.24	0.	872.50	1160.00
7.000	2785.00	41.79	.84	.27	0.	888.22	1160.00
7.000	4675.00	43.80	2.05	.34	0.	946.50	1160.00
8.000	1135.00	39.31	0.	.08	0.	1020.67	1730.00
8.000	2175.00	41.00	1.77	.13	0.	1085.55	1730.00
8.000	2785.00	41.97	.87	.16	0.	1117.30	1730.00
8.000	4675.00	44.10	2.10	.22	0.	1196.32	1730.00
9.000	520.00	39.50	0.	.20	0.	765.89	1210.00
9.000	1030.00	41.35	1.77	.27	0.	814.16	1210.00
9.000	2120.00	42.23	.80	.28	0.	848.35	1210.00
9.000	3510.00	44.30	2.10	.29	0.	1002.43	1210.00
10.000	820.00	40.53	0.	.95	0.	770.79	3535.00
10.000	1630.00	42.34	1.81	.99	0.	841.82	3535.00
10.000	2120.00	43.27	.93	1.04	0.	850.08	3535.00
10.000	3510.00	45.42	2.10	1.03	0.	869.25	3535.00
11.000	740.00	40.10	0.	5.69	0.	350.64	2690.00
11.000	1440.00	47.40	1.30	5.13	0.	505.42	2690.00
11.000	1860.00	48.11	.64	4.84	0.	562.04	2690.00
11.000	3100.00	49.00	1.57	4.00	0.	676.49	2690.00

SECNO	Q	CWSLL	DIFMSL	DIFMSY	DIFKWS	TOPWID	XLCH
11.200	740.00	46.53	0.	.35	0.	24.00	100.00
11.201	1445.00	47.78	1.24	.31	0.	182.91	100.00
11.202	1865.00	48.41	.64	.35	0.	283.87	100.00
11.203	3195.00	49.97	1.56	.29	0.	666.64	100.00
11.300	740.00	48.59	0.	2.06	0.	194.05	50.00
11.301	1445.00	49.39	.60	1.61	0.	614.56	50.00
11.302	1865.00	49.61	.22	1.20	0.	631.25	50.00
11.303	3195.00	50.22	.61	.24	0.	696.92	50.00
11.400	740.00	48.81	0.	.22	0.	624.83	50.00
11.401	1445.00	49.49	.68	.10	0.	667.45	50.00
11.402	1865.00	49.70	.27	.15	0.	679.82	50.00
11.403	3195.00	50.50	.74	.20	0.	716.62	50.00
12.000	740.00	49.13	0.	.32	0.	528.33	1035.00
12.001	1445.00	50.15	1.02	.66	0.	552.82	1035.00
12.002	1865.00	50.52	.47	.26	0.	564.08	1035.00
12.003	3195.00	51.88	1.26	1.30	0.	685.24	1035.00
13.000	740.00	58.24	0.	9.71	0.	333.45	4240.00
13.001	1445.00	60.15	1.31	10.00	0.	469.81	4240.00
13.002	1865.00	60.71	.56	10.09	0.	551.19	4240.00
13.003	3195.00	62.12	1.41	10.24	0.	640.37	4240.00
14.100	740.00	60.87	0.	1.73	0.	389.40	605.00
14.101	1445.00	61.91	1.34	1.76	0.	563.55	605.00
14.102	1865.00	62.48	.57	1.77	0.	599.98	605.00
14.103	3195.00	63.90	1.42	1.79	0.	695.19	605.00
14.200	740.00	60.79	0.	.22	0.	509.22	100.00
14.201	1445.00	62.13	1.34	.22	0.	679.57	100.00
14.202	1865.00	62.70	.58	.22	0.	752.52	100.00
14.203	3195.00	64.13	1.43	.23	0.	987.31	100.00
14.300	740.00	60.80	0.	.02	0.	511.42	37.00
14.301	1445.00	62.16	1.36	.04	0.	684.29	37.00
14.302	1865.00	62.75	.59	.05	0.	758.16	37.00
14.303	3195.00	64.20	1.45	.07	0.	1002.10	37.00
14.600	740.00	60.90	0.	.10	0.	563.12	50.00
14.601	1445.00	62.25	1.35	.09	0.	648.77	50.00
14.602	1865.00	62.83	.50	.09	0.	689.15	50.00
14.603	3195.00	64.28	1.45	.08	0.	860.39	50.00



FLOODWAY DATA, AR FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
15.100	908.	3558.	.6	40.6	39.0	1.6
15.200	989.	3943.	.6	40.6	39.0	1.6
15.300	991.	3976.	.5	40.7	39.1	1.6
15.400	919.	3657.	.6	40.7	39.1	1.6
7.300	873.	6513.	.3	40.9	39.2	1.7
8.000	1026.	8190.	.3	41.1	39.3	1.8
9.000	814.	3757.	.4	41.4	39.6	1.8
10.000	842.	4279.	.4	42.3	40.5	1.8
11.100	505.	1273.	1.1	47.5	46.2	1.3
11.200	163.	269.	1.7	47.7	46.5	1.2
11.300	615.	3482.	1.0	49.4	48.6	.8
11.400	667.	2473.	.6	49.5	48.8	.7
12.000	553.	2629.	.6	50.1	49.1	1.0
13.000	470.	1173.	1.2	60.1	58.8	1.3
14.100	564.	1579.	.9	61.9	60.6	1.3
14.200	680.	1694.	.9	62.1	60.8	1.3
14.300	674.	1719.	.8	62.2	60.8	1.4
14.600	649.	2392.	.6	62.2	60.9	1.3



FLOODWAY DATA, AN FLOOD  
PROFILE NO. 3

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
15.100	987.	4317.	.6	41.4	39.0	2.4
15.200	1039.	4755.	.6	41.4	39.0	2.4
15.300	1042.	4797.	.6	41.5	39.1	2.4
15.400	998.	4432.	.6	41.5	39.1	2.4
7.600	666.	7253.	.4	41.8	39.2	2.6
8.600	1117.	9054.	.3	41.9	39.3	2.6
9.600	840.	6466.	.5	42.3	39.6	2.7
10.600	850.	5463.	.4	43.2	40.5	2.7
11.100	662.	1607.	1.2	48.1	46.2	1.9
11.200	420.	999.	1.3	48.4	46.5	1.9
11.300	631.	1620.	1.2	49.6	48.6	1.0
11.400	600.	2643.	.7	49.8	48.8	1.0
12.000	504.	2883.	.6	50.6	49.1	1.5
13.000	551.	1470.	1.3	59.7	58.8	1.9
14.100	609.	1912.	1.0	62.5	60.6	1.9
14.200	753.	2107.	.9	62.7	60.8	1.9
14.300	758.	2141.	.9	62.7	60.8	1.9
14.600	689.	2780.	.7	62.8	60.9	1.9

FLOODWAY DATA AR FLOOD  
PROFILE NO. 4

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
15.100	1183.	6487.	.7	43.4	39.0	4.4
15.200	1163.	6952.	.7	43.4	39.0	4.4
15.300	1157.	7326.	.7	43.5	39.1	4.4
15.400	1196.	6647.	.7	43.6	39.1	4.5
7.000	946.	9153.	.5	43.8	39.2	4.6
8.000	1196.	11545.	.4	44.1	39.3	4.8
9.000	1112.	6483.	.5	44.4	39.6	4.8
14.000	809.	6012.	.5	45.4	40.5	4.9
11.100	676.	2597.	1.2	49.7	46.2	3.5
11.200	667.	1857.	1.7	49.9	46.5	3.4
11.300	697.	2120.	1.6	50.2	48.6	1.6
11.400	717.	3160.	1.3	50.5	48.8	1.7
12.000	685.	3048.	.9	51.4	49.1	2.3
13.000	648.	2367.	1.4	62.1	58.8	3.3
14.100	695.	2831.	1.1	63.9	60.6	3.3
14.200	987.	3326.	1.0	64.1	60.8	3.3
14.300	1173.	3394.	.9	64.2	60.8	3.4
14.400	860.	3898.	.8	64.3	60.9	3.4

THIS RUN EXECUTED 28 JUL 81 14.22.05

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,14  
 MODIFICATION - 50,51,52,53,54  
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T1 COLVIL CREEK  
 T2 PENDER COUNTY NORTH CAROLINA  
 T3 100 YEAR FLOOD

J1	ICHECK	INC	MINV	IDIR	STRT	METRIC	FVINS	0	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	41.400	-0.
J2	MPRGE	IFLOT	PREVS	YSLOCV	XSECH	FR	ALLDC	1BW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	211.100	150.000	-0.	-0.	-0.	-0.	-0.	-0.
J5	LRN1	BLKSEC	*****REQUESTED SECTION NUMBERS*****							
	-1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	INLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
HC	2.	200.	211.100	150.000	100.	300.	-0.	-0.	-0.	-0.
GT	5.000	1135.000	2175.000	2795.000	4675.000	2785.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	15.100	10.000	1135.000	1150.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	50.000	0.	47.000	625.000	36.000	771.000	35.800	1071.000	36.200	1118.000
GR	50.000	1118.000	29.900	1135.000	25.000	1137.000	25.000	1150.000	30.200	1152.000
GR	31.900	1171.000	35.200	1171.000	36.600	1271.000	38.000	1371.000	39.900	1471.000
GR	50.000	1031.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
HC	200.	200.	200.	300.	500.	-0.	-0.	-0.	-0.	-0.
X1	15.200	10.000	910.000	963.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	35.000	35.000	-0.
GR	50.000	0.	47.000	417.000	36.000	563.000	35.800	863.000	36.200	910.000
GR	30.000	910.000	29.900	927.000	25.000	929.000	25.000	942.000	30.200	944.000
GR	31.900	963.000	36.200	963.000	36.600	1063.000	38.000	1263.000	39.900	1363.000
GR	50.000	1071.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.000	1.000	2.000	-0.	49.000	4.000	287.000	0.330	28.400	28.400

X1	15.300	0.	0.	0.	25.000	25.000	25.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	34.500	35.800	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	35.800	36.200	-0.
BT	12.000	0.	50.000	-0.	417.000	40.000	-0.	563.000	36.000	-0.
BT	263.000	35.800	-0.	909.000	36.200	-0.	910.000	38.800	-0.	963.000
BT	38.300	-0.	964.000	36.800	-0.	1163.000	36.600	-0.	1263.000	38.000
BT	-0.	1363.000	39.000	-0.	1571.000	50.000	-0.	-0.	-0.	-0.

X1	15.400	16.000	1135.000	1152.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	50.000	0.	40.000	625.000	36.000	771.000	35.800	1071.000	36.200	1118.000
GR	30.000	1112.000	29.900	1135.000	25.000	1137.000	25.000	1150.000	30.200	1152.000
GR	31.900	1171.000	36.200	1171.000	36.600	1271.000	38.000	1371.000	39.900	1471.000
GR	51.000	1831.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.485	.100	.300	-0.	-0.	-0.	-0.	-0.

X1	7.000	14.000	522.000	536.000	1160.000	1160.000	1160.000	-0.	-0.	-0.
GR	50.000	0.	40.000	50.000	35.600	150.000	30.700	350.000	29.700	450.000
GR	30.000	522.000	29.000	524.000	26.100	628.000	29.000	534.000	31.200	536.000
GR	30.000	550.000	36.000	550.000	43.300	950.000	50.000	1263.000	-0.	-0.

X1	16.000	14.000	755.000	817.000	1500.000	1500.000	1730.000	-0.	-0.	-0.
GR	50.000	0.	33.000	417.000	33.200	617.000	31.400	717.000	31.400	795.000
GR	30.000	756.000	29.600	804.000	30.000	816.000	30.900	817.000	29.800	917.000
GR	33.900	1017.000	33.100	1117.000	33.300	1217.000	60.000	1530.000	-0.	-0.
WT	5.000	820.000	1600.000	2125.000	3510.000	2125.000	-0.	-0.	-0.	-0.

X1	9.000	16.000	985.000	1000.000	1400.000	1050.000	1210.000	-0.	-0.	-0.
GR	40.000	0.	40.000	100.000	45.700	200.000	42.000	400.000	35.400	465.000
GR	35.300	500.000	35.000	500.000	37.000	600.000	36.700	900.000	34.500	985.000
GR	34.300	986.000	33.700	992.000	34.200	998.000	35.000	1000.000	34.400	1100.000
GR	51.700	1400.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	10.000	16.000	683.000	700.000	2535.000	2535.000	2535.000	-0.	-0.	-0.
GR	51.200	0.	47.400	100.000	52.300	200.000	36.000	300.000	35.900	400.000
GR	36.400	500.000	35.500	683.000	34.800	685.000	34.200	692.000	34.800	697.000
GR	35.200	700.000	36.100	800.000	38.400	650.000	38.600	900.000	41.300	1100.000
GR	60.000	1152.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	740.000	1445.000	1865.000	3195.000	1865.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.	-0.

X1	11.100	12.000	400.000	420.000	2500.000	3000.000	2690.000	-0.	-0.	-0.
GR	50.000	0.	44.000	300.000	43.100	400.000	42.400	402.000	40.300	410.000
GR	40.400	415.000	43.900	400.000	43.100	500.000	46.100	600.000	47.200	700.000
GR	40.000	500.000	60.000	950.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.45	.300	.500	-0.	-0.	-0.	-0.	-0.

X1	11.200	11.000	388.000	412.000	150.000	118.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	47.000	47.000	-0.
GR	52.800	0.	40.800	200.000	40.800	179.500	40.000	388.000	40.000	412.000
GR	40.800	420.000	48.900	420.000	48.800	500.000	48.200	600.000	49.000	800.000
GR	60.000	1425.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.000	2.420	2.800	-0.	18.000	1.000	84.800	.710	42.400	42.400

X1	11.300	0.	0.	0.	50.000	50.000	50.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	46.600	48.200	-0.	-0.	-0.	-0.	-0.
X3	10.200	-0.	-0.	-0.	-0.	-0.	-0.	48.900	48.200	-0.
BT	7.000	0.	52.900	0.	200.500	49.800	-0.	379.500	48.900	-0.
BT	420.000	48.900	0.	500.000	48.800	-0.	600.000	48.200	-0.	800.000
BT	49.000	0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	11.400	12.000	400.000	420.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	53.500	0.	44.900	390.000	43.100	400.000	42.400	402.000	40.300	410.000
GR	42.400	419.000	43.900	420.000	43.100	500.000	46.100	600.000	47.200	700.000
GR	44.000	800.000	60.000	950.000	-0.	-0.	-0.	-0.	-0.	-0.
GC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	12.000	10.000	400.000	500.000	950.000	1100.000	1035.000	-0.	-0.	-0.
GR	55.000	0.	53.900	100.000	53.100	200.000	52.500	300.000	51.700	319.000
GR	44.800	350.000	44.300	400.000	45.100	400.000	43.400	490.000	42.900	493.000
GR	43.100	497.000	44.100	498.000	44.600	500.000	44.800	600.000	44.800	700.000
GR	45.700	850.000	51.000	900.000	51.800	1000.000	-0.	-0.	-0.	-0.

X1	13.000	12.000	300.000	400.000	450.000	3010.000	4240.000	-0.	-0.	-0.
GR	64.500	0.	60.000	100.000	50.500	200.000	55.700	386.000	53.700	387.000
GR	50.700	395.000	55.700	398.000	55.700	400.000	56.600	500.000	60.000	600.000
GR	60.700	700.000	63.400	800.000	-0.	-0.	-0.	-0.	-0.	-0.

X1	14.100	-0.	-0.	-0.	600.000	600.000	600.000	-0.	1.000	-0.
GC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	14.200	38.000	1430.000	1444.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	1.000	-0.	-0.	-0.	-0.	-0.	-0.	57.000	57.000	-0.
GR	70.000	0.	63.000	100.000	59.100	1342.000	58.400	1428.000	53.800	1425.000
GR	53.000	1430.000	53.000	1430.000	52.500	1430.500	52.100	1431.000	51.800	1432.000
GR	52.000	1435.000	52.000	1435.000	53.200	1433.800	53.800	1434.000	53.800	1435.000
GR	53.000	1435.000	52.500	1435.500	52.100	1436.000	51.800	1437.000	52.100	1438.000
GR	52.500	1438.000	53.000	1438.000	53.800	1439.000	54.600	1440.000	53.900	1440.000
GR	53.300	1440.000	52.900	1441.000	52.600	1442.000	52.900	1443.000	53.300	1443.500
GR	53.900	1443.000	54.000	1444.000	54.600	1444.800	58.400	1445.000	58.500	1542.000
GR	59.000	1442.000	60.000	1442.000	70.000	2215.000	-0.	-0.	-0.	-0.
SB	1.000	2.400	2.900	-0.	8.000	1.000	37.700	.810	52.900	52.900



THIS RUN EXECUTED 28 JUL 81 14.22.05

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 COLVIN CREEK  
 T2 PENDER COUNTY  
 T3 FLOODWAY

J1	ICHECK	INS	NINV	IDIR	STRT	MTRIC	FVINS	G	WSEL	FG
	-0.	0.	-0.	-0.	-0.	-0.	-0.	-0.	42.400	-0.
J2	NPROF	IFLOT	PREVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

INLEG = 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 28 JUL 81 14.22.06

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 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

SECCO	CWSEL	DIFKWS	EG	TGPWID	GL0D	QCH	GPOB	PERENC	STENCL	STCHL	STCHR	STENCR
15.100	41.44	0.	41.42	986.97	1478.27	594.61	712.12	0.	0.	1135.00	1152.00	0.
15.100	42.43	1.00	42.42	491.08	1564.83	659.71	560.46	.24	785.15	1135.00	1152.00	1276.23
15.200	41.45	0.	41.47	1039.22	1098.85	1057.88	628.27	0.	0.	910.00	963.00	0.
15.200	42.46	1.00	42.48	543.97	1086.92	1201.65	496.43	.23	593.67	910.00	963.00	1137.64
15.300	41.50	0.	41.51	1041.73	1101.52	1051.82	631.66	0.	0.	910.00	963.00	0.
15.300	42.50	1.00	42.52	546.76	1090.07	1193.80	501.05	.23	592.58	910.00	963.00	1139.34
15.400	41.52	0.	41.54	998.37	1484.13	582.16	718.71	0.	0.	1135.00	1152.00	0.
15.400	42.52	1.00	42.54	497.92	1569.84	646.10	569.07	.24	782.18	1135.00	1152.00	1280.10
7.700	41.79	0.	41.79	868.22	1577.09	167.86	1020.05	0.	0.	522.00	536.00	0.
7.700	42.79	1.00	42.80	575.91	1603.48	211.07	970.45	.16	196.27	522.00	536.00	772.18
8.800	41.95	0.	41.95	1117.30	1252.51	219.89	1312.70	0.	0.	795.00	817.00	0.
8.800	42.95	1.00	42.95	747.78	1243.88	250.90	1290.23	.16	422.92	795.00	817.00	1170.70
9.900	42.23	0.	42.24	848.35	1356.29	165.07	603.64	0.	0.	985.00	1000.00	0.
9.900	43.24	1.00	43.24	584.87	1480.26	200.04	444.70	.24	508.14	985.00	1000.00	1053.01
10.000	43.27	0.	43.28	850.08	1252.64	165.92	756.44	0.	0.	683.00	700.00	0.
10.000	44.27	1.00	44.28	540.58	1271.22	199.28	654.50	.21	352.86	683.00	700.00	893.43
11.100	48.11	0.	48.17	562.34	556.33	439.01	869.66	0.	0.	400.00	420.00	0.
11.100	48.98	.80	49.00	222.72	427.59	530.88	856.54	.26	331.67	400.00	420.00	554.38
11.200	48.41	0.	48.57	283.87	897.14	888.89	78.96	0.	0.	388.00	412.00	0.
11.200	49.39	.80	49.47	84.86	930.17	934.83	0.	.20	327.14	388.00	412.00	412.00
11.300	49.61	0.	49.69	031.25	889.71	786.36	188.93	0.	0.	388.00	412.00	0.
11.300	50.50	.80	50.60	179.43	838.82	897.64	130.64	.23	315.38	388.00	412.00	494.66



SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	QCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
11.400	49.76	0.	49.79	679.82	588.20	338.78	938.01	0.	0.	400.00	420.00	0.
11.401	50.67	.91	50.69	315.35	501.80	394.76	968.38	.23	300.76	400.00	420.00	620.11
12.000	50.60	0.	50.63	564.08	535.91	161.20	1167.89	0.	0.	486.00	500.00	0.
12.000	51.50	.88	51.51	379.35	426.30	193.15	1245.47	.20	394.77	486.00	500.00	774.12
13.000	60.71	0.	60.77	551.19	602.47	429.87	832.65	0.	0.	386.00	400.00	0.
13.000	61.61	.80	61.61	197.99	524.89	506.18	833.93	.29	310.00	386.00	400.00	508.00
14.100	62.48	0.	62.52	599.98	639.63	360.88	864.50	0.	0.	386.00	400.00	0.
14.100	63.39	.82	63.35	243.42	571.97	417.66	875.37	.26	289.87	386.00	400.00	533.29
14.200	62.70	0.	62.74	752.52	565.56	407.84	891.60	0.	0.	1430.00	1444.00	0.
14.200	63.52	.82	63.57	374.54	466.57	464.27	934.16	.29	1332.55	1430.00	1444.00	1637.09
14.300	62.75	0.	62.72	758.16	567.90	402.62	894.48	0.	0.	1430.00	1444.00	0.
14.300	63.50	.82	63.61	308.03	472.02	458.02	934.96	.28	1330.52	1430.00	1444.00	1638.55
14.600	62.87	0.	62.85	689.15	678.06	281.44	905.50	0.	0.	386.00	400.00	0.
14.600	63.60	.80	63.66	331.19	630.14	318.35	916.50	.22	254.76	386.00	400.00	584.86

EAR FLOOD

SUMMARY PRINTOUT TABLE 151

SECNO	XLCH	ELTRD	ELLC	ELMIN	9	CWSEL	CRINS	EG	10K+S	VCH	AREA	.GJK
15.100	0.	0.	0.	25.00	2785.00	41.40	34.31	41.42	6.35	2.21	4316.55	1105.39
15.100	0.	0.	0.	25.00	2785.00	42.40	34.27	42.42	6.37	2.31	3503.30	1103.57
15.200	100.00	0.	0.	25.00	2785.00	41.45	33.35	41.47	4.18	1.59	4755.07	1361.64
15.200	100.00	0.	0.	25.00	2785.00	42.46	33.30	42.48	4.19	1.68	3807.65	1360.26
15.300	25.00	35.60	34.50	25.00	2785.00	41.50	0.	41.51	4.09	1.58	4796.99	1376.84
15.300	25.00	49.99	0.	25.00	2785.00	42.50	33.29	42.52	4.09	1.66	3849.20	1376.59
15.400	50.00	0.	0.	25.00	2785.00	41.52	34.31	41.54	5.94	2.15	4431.92	1142.90
15.400	50.00	0.	0.	25.00	2785.00	42.52	34.27	42.54	5.97	2.25	3601.73	1139.72
7.000	1160.00	0.	0.	26.10	2785.00	41.79	32.47	41.79	1.33	.99	7253.46	2417.64
7.000	1160.00	0.	0.	26.10	2785.00	42.79	32.57	42.80	1.32	1.04	6377.36	2424.56
8.000	1730.00	0.	0.	29.60	2785.00	41.95	32.82	41.95	.86	.83	9053.53	3000.67
8.000	1730.00	0.	0.	29.60	2785.00	42.95	32.82	42.95	.86	.87	7973.16	3000.13
9.000	1210.00	0.	0.	33.70	2125.00	42.23	36.84	42.24	3.72	1.35	4485.56	1102.24
9.000	1210.00	0.	0.	33.70	2125.00	43.24	37.23	43.24	3.70	1.46	3959.87	1104.32
10.000	3935.00	0.	0.	34.20	2125.00	43.27	37.16	43.28	2.42	1.13	5063.31	1364.65
10.000	3935.00	0.	0.	34.20	2125.00	44.27	37.18	44.28	2.42	1.22	4357.86	1365.59
11.100	2090.00	0.	0.	40.30	1865.00	48.11	45.50	48.17	33.31	3.36	1607.03	323.13
11.100	2090.00	0.	0.	40.30	1865.00	48.96	45.46	49.03	32.21	3.59	1218.61	328.63
11.200	100.00	0.	0.	40.00	1865.00	48.41	47.03	48.57	37.04	4.40	998.72	306.45
11.200	100.00	0.	0.	40.00	1865.00	49.30	47.02	49.47	45.40	4.19	714.44	276.75
11.300	50.00	48.20	46.60	40.00	1865.00	49.61	0.	49.69	18.61	3.41	1619.95	432.36
11.300	50.00	49.99	0.	40.00	1865.00	50.50	45.70	50.60	18.07	3.56	1109.16	438.65
11.400	50.00	0.	0.	40.30	1865.00	49.76	45.54	49.78	9.37	2.07	2642.66	609.16
11.400	50.00	0.	0.	40.30	1865.00	50.67	45.51	50.69	8.93	2.17	2113.79	624.22
12.000	100.00	0.	0.	42.90	1865.00	50.62	46.01	50.63	7.20	1.65	2882.52	695.24
12.000	100.00	0.	0.	42.90	1865.00	51.50	46.08	51.51	5.94	1.75	2554.90	707.51
13.000	424.00	0.	0.	50.70	1865.00	60.71	58.37	60.77	42.06	3.85	1469.99	287.59
13.000	424.00	0.	0.	50.70	1865.00	61.51	58.32	61.61	42.33	4.12	1080.92	286.66
14.100	605.00	0.	0.	51.70	1865.00	62.48	59.37	62.52	21.81	2.95	1912.22	399.31
14.100	605.00	0.	0.	51.70	1865.00	63.38	59.37	63.35	21.70	3.12	1459.26	400.39
14.200	100.00	0.	0.	51.80	1865.00	62.70	60.28	62.74	22.56	2.93	2106.50	392.64
14.200	100.00	0.	0.	51.80	1865.00	63.52	60.20	63.57	22.47	3.08	1565.37	393.46

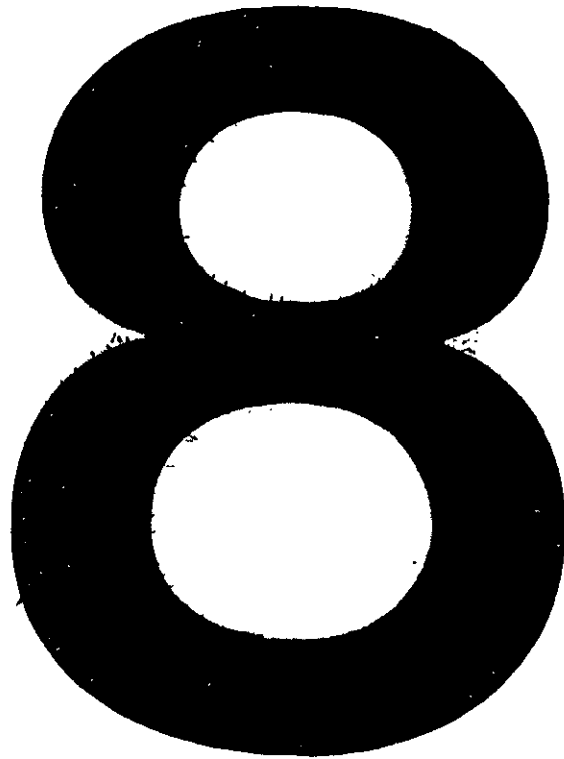
SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CFIWS	EG	10K*S	VCH	AREA	.01K
14.300	37.00	58.40	56.60	51.80	1865.00	62.75	0.	62.78	21.65	2.88	2141.13	400.79
14.300	37.00	99999.00	0.	51.90	1865.00	63.56	60.22	63.61	21.56	3.03	1594.34	401.63
14.600	50.00	0.	0.	50.70	1865.00	62.83	58.43	62.85	8.21	1.99	2782.30	650.75
14.600	50.00	0.	0.	50.70	1865.00	63.66	58.42	63.68	8.09	2.08	2248.90	655.74

EAR FLOOD

SUMMARY PRINTOUT TABLE 153

SECNO	G	CWSFL	DIFWSP	DIFWSX	DIFKWS	ICPWID	XLCH
15.100	2785.00	41.43	0.	0.	0.	986.97	-0.
15.100	2785.00	42.40	1.00	0.	1.00	491.08	-0.
15.200	2785.00	41.45	0.	.05	0.	1039.22	100.00
15.200	2785.00	42.46	1.00	.06	1.00	543.97	100.00
15.300	2785.00	41.50	0.	.04	0.	1041.73	25.00
15.300	2785.00	42.50	1.00	.04	1.00	546.76	25.00
15.400	2785.00	41.52	0.	.02	0.	998.37	50.00
15.400	2785.00	42.52	1.00	.02	1.00	497.92	50.00
7.000	2785.00	41.79	0.	.27	0.	888.22	1160.00
7.000	2785.00	42.79	1.00	.27	1.00	575.91	1160.00
8.000	2785.00	41.95	0.	.16	0.	1117.30	1730.00
8.000	2785.00	42.95	1.00	.16	1.00	747.78	1730.00
9.000	2125.00	42.23	0.	.28	0.	848.35	1210.00
9.000	2125.00	43.24	1.00	.29	1.00	584.87	1210.00
10.000	2125.00	43.27	0.	1.04	0.	850.00	3535.00
10.000	2125.00	44.27	1.00	1.04	1.00	540.58	3535.00
11.000	1865.00	48.11	0.	4.84	0.	562.94	2690.00
11.000	1865.00	48.96	.84	4.88	.84	222.72	2690.00
11.200	1865.00	48.41	0.	.30	0.	283.87	100.00
11.200	1865.00	49.39	.89	.34	.89	84.86	100.00
11.300	1865.00	49.61	0.	1.20	0.	631.25	50.00
11.300	1865.00	50.59	.89	1.20	.89	179.48	50.00
11.400	1865.00	49.76	0.	.15	0.	679.82	50.00
11.400	1865.00	50.67	.91	.17	.91	319.35	50.00
12.000	1865.00	50.62	0.	.86	0.	584.08	1035.00
12.000	1865.00	51.59	.86	.83	.86	379.35	1035.00
13.000	1865.00	50.71	0.	10.05	0.	551.19	4240.00
13.000	1865.00	51.51	.89	10.01	.89	197.99	4240.00
14.000	1865.00	62.48	0.	1.77	0.	599.98	605.00
14.000	1865.00	63.39	.89	1.79	.82	243.42	605.00
14.200	1865.00	60.71	0.	.22	0.	752.52	100.00
14.200	1865.00	63.52	.89	.22	.89	304.54	100.00

SECH0	G	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
14.300	1865.00	62.75	0.	.05	0.	758.16	37.00
14.300	1865.00	63.56	.82	.05	.82	308.93	37.00
14.600	1865.00	62.83	0.	.09	0.	689.15	50.00
14.600	1865.00	63.66	.82	.09	.82	330.10	50.00



FLOODWAY DATA, EAR FLOOD  
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
15.100	491.	3563.	.8	42.4	41.4	1.0
15.200	544.	3858.	.7	42.5	41.5	1.0
15.300	547.	3849.	.7	42.5	41.5	1.0
15.400	498.	3602.	.8	42.5	41.5	1.0
7.000	576.	6377.	.4	42.8	41.8	1.0
8.000	748.	7973.	.3	42.9	41.9	1.0
9.000	585.	3960.	.5	43.2	42.2	1.0
10.000	541.	4358.	.5	44.3	43.3	1.0
11.100	223.	1219.	1.5	48.9	48.1	.8
11.200	65.	714.	2.6	49.3	48.4	.9
11.300	179.	1199.	1.7	50.5	49.6	.9
11.400	319.	2114.	.9	50.7	49.8	.9
12.000	379.	2555.	.7	51.5	50.6	.9
13.000	198.	1281.	1.7	61.5	60.7	.8
14.100	243.	1459.	1.3	63.7	62.5	.8
14.200	365.	1565.	1.2	63.5	62.7	.8
14.300	300.	1594.	1.2	63.5	62.7	.8
14.400	530.	2249.	.8	63.6	62.8	.8