

YEOPIN

CREEK

THIS RUN EXECUTED 15 MAR 82 09.46.12

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 YEOPIM CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 50- YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-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.

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T1 YEOPIM CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 100- YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-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.

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T1 YEOPIM CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 500- YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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

10- YEAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	.25	0.	.25	581.09	0.	881.00	0.	0.	0.	496.00	1300.00	0.
1.000	.25	0.	.26	581.09	0.	1711.00	0.	0.	0.	496.00	1300.00	0.
1.000	.25	0.	.26	581.09	0.	2200.00	0.	0.	0.	496.00	1300.00	0.
1.000	.25	0.	.28	581.09	0.	3737.00	0.	0.	0.	496.00	1300.00	0.
2.000	.41	0.	.41	146.44	0.	687.00	.00	0.	0.	547.00	693.00	0.
2.000	.81	0.	.82	315.65	.11	1352.49	.40	0.	0.	547.00	693.00	0.
2.000	1.12	0.	1.14	997.34	2.15	1744.13	2.72	0.	0.	547.00	693.00	0.
2.000	2.18	0.	2.23	1155.61	71.93	2860.77	71.30	0.	0.	547.00	693.00	0.

10- YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
1.000	0.	0.	0.	-6.60	881.00	.25	-4.89	.25	.26	.34	2567.37	1711.52
1.000	0.	0.	0.	-6.60	1711.00	.25	-4.50	.26	1.00	.67	2567.37	1711.52
1.000	0.	0.	0.	-6.60	2200.00	.25	-4.31	.26	1.65	.86	2567.37	1711.52
1.000	0.	0.	0.	-6.60	3737.00	.25	-3.77	.28	4.77	1.46	2567.37	1711.52
2.000	7000.00	0.	0.	-15.90	687.00	.41	-12.70	.41	.20	.49	1411.48	1552.44
2.000	7000.00	0.	0.	-15.90	1353.00	.81	-11.55	.82	.67	.92	1496.61	1653.90
2.000	7000.00	0.	0.	-15.90	1749.00	1.12	-11.02	1.14	1.01	1.15	1660.56	1744.52
2.000	7000.00	0.	0.	-15.90	3004.00	2.18	-9.59	2.23	1.95	1.71	2879.39	2149.34

10- YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	881.00	.25	0.	0.	0.	581.09	0.
1.000	1711.00	.25	0.	0.	0.	581.09	0.
1.000	2200.00	.25	0.	0.	0.	581.09	0.
1.000	3737.00	.25	0.	0.	0.	581.09	0.
2.000	687.00	.41	0.	.16	0.	146.44	7000.00
2.000	1353.00	.81	.40	.56	0.	315.65	7000.00
2.000	1749.00	1.12	.31	.87	0.	997.34	7000.00
2.000	3004.00	2.18	1.06	1.93	0.	1155.61	7000.00

FLOODWAY DATA, 10-YEAR FLOOD
PROFILE NO. 2

STATION	----- WIDTH	FLOODWAY SECTION AREA	----- MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	581.	2567.	.7	.3	.3	0.
2.000	316.	1497.	.9	.8	.4	.4

FLOODWAY DATA, 10-YEAR FLOOD
PROFILE NO. 3

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	581.	2567.	.9	.3	.3	0.
2.000	1142.	1661.	1.1	1.1	.4	.7

FLOODWAY DATA, 10- YEAR FLOOD
 PROFILE NO. 4

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	581.	2567.	1.5	.3	.3	0.
2.000	1156.	2879.	1.0	2.2	.4	1.8

1250
12500
17000
17000

THIS RUN EXECUTED 12 APR 83 14.56.03

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T1 YEOPIM CREEK
T2 PERQUIMANS COUNTY, NORTH CAROLINA
T3 BASE FLOOD

J1	ICHECK	INQ	VIW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALI.DC	IBW	CHNIM	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	200.000	110.000	-0.	-0.	-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	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	460.000	900.000	1155.000	1945.000	1155.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
XI	1.000	34.000	496.000	1100.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	13.200	-0.	3.300	50.000	1.100	100.000	1.200	200.000	1.200	240.000
GR	1.100	300.000	1.100	400.000	1.000	496.000	.900	500.000	-2.640	544.000
GR	-3.120	600.000	-3.600	650.000	-4.140	700.000	-4.800	725.000	-5.100	750.000
GR	-5.100	800.000	-5.610	850.000	-6.600	900.000	-6.480	914.000	-5.880	936.000
GR	-5.640	950.000	-5.100	1000.000	-2.100	1050.000	.900	1100.000	3.000	1102.000
GR	3.540	1110.000	4.500	1117.000	4.800	1120.000	10.800	1130.000	11.100	1200.000
GR	10.950	1300.000	10.890	1400.000	11.100	1500.000	11.000	1600.000	-0.	-0.
X1	2.000	28.000	547.000	693.000	7000.000	7000.000	7000.000	-0.	-0.	-0.
GR	6.600	-0.	3.300	30.000	.900	50.000	1.080	150.000	1.040	250.000
GR	1.140	350.000	1.020	380.000	.860	450.000	.760	490.000	.600	547.000
GR	-2.800	565.000	-8.400	570.000	-10.400	590.000	-15.900	610.000	-14.800	630.000
GR	-12.000	650.000	-8.000	670.000	.100	690.000	.400	693.000	.820	790.000
GR	1.140	890.000	1.160	930.000	1.130	990.000	1.040	1090.000	1.100	1150.000
GR	3.300	1200.000	6.600	1300.000	9.900	1600.000	-0.	-0.	-0.	-0.
EJ	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

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 T3 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-04	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPLJT	PREVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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BASE FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	.25	0.	.25	581.09	0.	1155.00	0.	0.	0.	496.00	1100.00	0.
1.000	1.25	1.00	1.25	604.00	0.	1155.00	0.	.00	496.00	496.00	1100.00	1100.00
2.000	.59	0.	.60	187.12	0.	1154.96	.04	0.	0.	547.00	693.00	0.
2.000	1.46	.83	1.47	146.00	0.	1155.00	0.	.02	547.00	547.00	693.00	693.00

FLOODWAY DATA, BASE FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	604.	31626	.4	1.3	.3	1.0
2.000	146.	15866	.7	1.5	.6	.9

0