

KERSHAW CREEK

O.K.

THIS RUN EXECUTED 26 AUG 82 15.40.26

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

T1 KERSHAW CREEK
 T2 PAMLICO COUNTY
 T3 10-YEAR FLOOD

J1	ICHECK	INS	RINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FQ
	-0.	2.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	REFDF	IFLOT	PREVS	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									
	11.000	15.000	21.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.
J5	INLEG	ICOPY								
	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

VC	42.000	2200	1100	1100	1100	1310	-0.	-0.	-0.	-0.
QT	5.000	553.000	1101.000	1451.000	2481.000	1431.000	-0.	-0.	-0.	-0.
X1	1.000	24.000	18.900	2394.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	1.000	1.000	7.400	1397.000	7.500	1607.000	6.500	1669.000	1.600	1737.000
GR	1.100	1609.000	3.000	1809.000	-2.200	1851.000	-3.000	1900.000	-3.600	1950.000
GR	-3.900	2.11.000	-4.200	2550.000	-4.400	2100.000	-4.500	2150.000	-4.600	2200.000
GR	-4.600	2250.000	-4.200	2300.000	-3.400	2350.000	.300	2391.000	4.100	2394.000
GR	6.100	2500.000	5.700	2674.000	4.500	2718.000	10.000	6500.000	-0.	-0.
QT	5.000	598.000	1016.000	1322.000	2312.000	1322.000	-0.	-0.	-0.	-0.
X1	2.000	21.000	1294.000	1582.000	3710.000	4600.000	4259.000	-0.	-0.	-0.
GR	1.000	8.000	6.100	746.000	4.600	631.000	6.900	926.000	8.900	1022.000
GR	6.000	1234.000	5.500	1250.000	1.000	1260.000	.900	1294.000	.300	1298.000
GR	-2.000	1340.000	-2.300	1390.000	-2.600	1440.000	-3.400	1490.000	-2.700	1540.000
GR	4.000	1582.000	1.100	1582.000	1.200	1729.000	-7.700	1790.000	8.900	1883.000
GR	9.000	1903.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	398.000	807.000	1055.000	1857.000	1055.000	-0.	-0.	-0.	-0.
X1	3.100	17.000	3826.000	3914.000	4500.000	5000.000	4784.000	-0.	-0.	-0.
GR	1.000	8.000	9.400	3241.000	8.900	3441.000	3.500	3571.000	7.800	3616.000
GR	7.000	3646.000	2.000	3696.000	1.200	3886.000	.300	3886.000	-3.100	3900.000
GR	1.300	3914.000	1.900	3914.000	3.300	4114.000	6.200	4194.000	6.000	4344.000
GR	9.000	4750.000	1.000	5000.000	-0.	-0.	-0.	-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

T1 KERSHAW CREEK
 T2 PAMLICO COUNTY
 T3 50-YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIP	STRT	METRIC	HVINS	0	WSEL	FD
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	0.250	-0.
J2	WPROF	IFLOT	PREVS	YSECV	YSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 26 AUG 82 15.40.26

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

T1 KERSHAW CREEK
 T2 PAMLICO COUNTY
 T3 1-YEAR FLOOD

J1	ICHECK	IAL	VIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-.	.	-.	-. -.		-.	-. -.	-.	.250	-.
J2	PRFOP	IFLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	-.	-1.000	-. -.	-.	-.	-1.000	-.	-.	-.

THIS RUN EXECUTED 26 AUG 82 15.40.26

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

T1 PERSHAW CREEK
 T2 FAYLICO COUNTY
 T3 5-YEAR FLOOD

J1	ICHECK	INW	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	PROF	IFLOT	PRFVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	10.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 26 AUG 82 15.40.26

 REC2 RELEASE DATED NOV 75 UPDATED MARCH 1982
 ERROR CORR - 1, 2, 3, 4, 35
 MODIFICATION - 50, 51, 52, 53, 54, 55

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

1-YEAR FLOOD

SUMMARY PRINTOUT TABLE 11

SECN	CHSEL	DIFKWS	FG	TOPWID	DLOP	GCH	QROB	PERENC	STEVCL	STCHL	STCHR	STENCR
1.000	.25	0.	.25	580.63	0.	553.00	0.	0.	0.	1809.00	2394.00	0.
1.001	.25	0.	.25	580.63	0.	1111.00	0.	0.	0.	1809.00	2394.00	0.
1.002	.25	0.	.26	580.63	0.	1430.00	0.	0.	0.	1809.00	2394.00	0.
1.003	.25	0.	.27	580.63	0.	2480.00	0.	0.	0.	1809.00	2394.00	0.
2.000	.54	0.	.55	285.59	0.	508.00	0.	0.	0.	1294.00	1582.00	0.
2.001	.99	0.	1.01	312.27	0.01	1015.99	0.	0.	0.	1294.00	1582.00	0.
2.002	1.06	0.	1.09	310.46	0.05	1321.95	0.	0.	0.	1294.00	1582.00	0.
2.003	1.90	0.	1.96	482.96	4.89	2278.50	18.61	0.	0.	1294.00	1582.00	0.
3.100	2.54	0.	2.69	364.84	55.32	311.34	31.35	0.	0.	3886.00	3914.00	0.
3.101	3.92	0.	4.00	466.86	238.50	454.53	143.97	0.	0.	3886.00	3914.00	0.
3.102	4.57	0.	4.65	513.79	303.92	520.55	230.43	0.	0.	3886.00	3914.00	0.
3.103	5.99	0.	6.07	614.92	612.86	736.80	507.34	0.	0.	3886.00	3914.00	0.
3.200	2.74	0.	2.75	130.46	0.	398.00	0.	0.	0.	3749.00	3889.00	0.
3.201	4.14	0.	4.06	138.46	0.	807.00	0.	0.	0.	3749.00	3889.00	0.
3.202	4.67	0.	4.71	140.00	0.	1055.00	0.	0.	0.	3749.00	3889.00	0.
3.203	6.07	0.	6.14	140.00	0.	1857.00	0.	0.	0.	3749.00	3889.00	0.
4.000	2.74	0.	2.75	130.46	0.	398.00	0.	0.	0.	3749.00	3889.00	0.
4.001	4.14	0.	4.07	138.47	0.	807.00	0.	0.	0.	3749.00	3889.00	0.
4.002	4.67	0.	4.71	140.00	0.	1055.00	0.	0.	0.	3749.00	3889.00	0.
4.003	6.14	0.	6.21	140.00	0.	1857.00	0.	0.	0.	3749.00	3889.00	0.
5.400	2.73	0.	2.61	377.60	62.67	300.14	35.19	0.	0.	3886.00	3914.00	0.
5.401	4.14	0.	4.12	476.19	213.94	441.83	151.23	0.	0.	3886.00	3914.00	0.
5.402	4.68	0.	4.75	521.42	308.15	510.71	236.14	0.	0.	3886.00	3914.00	0.
5.403	6.17	0.	6.24	709.33	619.52	721.45	516.03	0.	0.	3886.00	3914.00	0.

10-YEAR FLOOD

SUMMARY PRINTOUT TABLE 159

Revised 8/26/82

SECNO	XLCH	ELTRD	ELLC	ELMIN	B	CVSEL	CRWS	EG	10X+S	VCH	AREA	.01K
1.000	0.	0.	0.	-4.65	553.00	.25	-3.92	.25	.11	.25	2238.03	1634.75
1.000	0.	0.	0.	-4.65	1101.00	.25	-3.64	.25	.45	.49	2238.03	1634.75
1.000	0.	0.	0.	-4.65	1430.00	.25	-3.51	.26	.77	.64	2238.03	1634.75
1.000	0.	0.	0.	-4.65	2480.00	.25	-3.17	.27	2.37	1.11	2238.03	1634.75
2.000	4259.00	0.	0.	-3.40	508.00	.54	-2.10	.55	1.28	.65	776.19	448.82
2.000	4259.00	0.	0.	-3.40	1016.00	.99	-1.77	1.01	3.09	1.12	908.08	578.38
2.000	4259.00	0.	0.	-3.40	1322.00	1.06	-1.59	1.09	4.93	1.43	924.81	595.12
2.000	4259.00	0.	0.	-3.40	2372.00	1.90	-1.12	1.96	6.73	1.95	1312.09	887.08
3.100	4784.00	0.	0.	-3.10	398.00	2.50	.45	2.69	15.34	2.78	423.30	101.62
3.100	4784.00	0.	0.	-3.10	807.00	3.92	2.10	4.00	12.61	3.05	979.24	227.30
3.100	4784.00	0.	0.	-3.10	1055.00	4.57	2.52	4.65	11.20	3.11	1303.11	315.27
3.100	4784.00	0.	0.	-3.10	1857.00	5.99	3.29	6.07	11.03	3.56	2103.36	559.07
3.200	100.00	0.	0.	-2.50	398.00	2.74	-.85	2.75	1.78	.89	446.83	298.35
3.200	100.00	0.	0.	-2.50	807.00	4.04	-.26	4.06	2.62	1.30	622.73	498.23
3.200	100.00	0.	0.	-2.50	1055.00	4.67	.04	4.71	2.94	1.49	709.82	615.03
3.200	100.00	0.	0.	-2.50	1857.00	6.07	.80	6.14	4.01	2.04	908.42	927.83
3.300	30.50	7.20	5.25	-2.50	398.00	2.74	0.	2.75	1.78	.89	446.93	298.45
3.300	30.50	7.20	5.25	-2.50	807.00	4.04	0.	4.07	2.62	1.30	622.93	498.49
3.300	30.50	7.20	5.25	-2.50	1055.00	4.67	0.	4.71	2.92	1.48	711.48	617.43
3.300	30.50	7.20	5.25	-2.50	1857.00	6.14	0.	6.21	3.88	2.03	916.91	942.33
3.400	50.00	0.	0.	-3.10	398.00	2.73	.45	2.81	12.73	2.59	474.76	111.57
3.400	50.00	0.	0.	-3.10	807.00	4.04	2.09	4.12	10.98	2.89	1041.19	243.54
3.400	50.00	0.	0.	-3.10	1055.00	4.68	2.52	4.75	10.15	3.00	1358.70	331.09
3.400	50.00	0.	0.	-3.10	1857.00	6.17	3.31	6.24	9.84	3.41	2215.10	591.88

10-YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSFL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	553.00	.25	0.	0.	0.	580.63	0.
1.000	1101.00	.25	0.	0.	0.	580.63	0.
1.000	1430.00	.25	0.	0.	0.	580.63	0.
1.000	2490.00	.25	0.	0.	0.	580.63	0.
2.000	508.00	.54	0.	.29	0.	265.59	4259.00
2.000	1016.00	.99	.45	.74	0.	372.27	4259.00
2.000	1322.00	1.08	.67	.81	0.	310.46	4259.00
2.000	2372.00	1.97	.84	1.65	0.	482.96	4259.00
3.000	398.00	2.01	0.	2.05	0.	364.84	4784.00
3.000	807.00	3.92	1.32	2.93	0.	416.66	4784.00
3.000	1055.00	4.67	.65	3.51	0.	513.79	4784.00
3.000	1857.00	5.99	1.42	4.39	0.	614.92	4784.00
3.200	398.00	2.74	0.	.14	0.	130.46	100.00
3.200	807.00	4.04	1.30	.12	0.	138.46	100.00
3.200	1055.00	4.67	.63	.10	0.	140.00	100.00
3.200	1857.00	6.07	1.41	.08	0.	140.00	100.00
3.300	398.00	2.74	0.	.00	0.	130.46	30.50
3.300	807.00	4.04	1.30	.00	0.	138.47	30.50
3.300	1055.00	4.67	.63	.00	0.	140.00	30.50
3.300	1857.00	6.14	1.47	.07	0.	140.00	30.50
3.400	398.00	2.73	0.	.01	0.	377.63	50.00
3.400	807.00	4.04	1.32	.00	0.	476.19	50.00
3.400	1055.00	4.68	.64	.01	0.	521.42	50.00
3.400	1857.00	6.17	1.49	.03	0.	769.33	50.00

FLOODWAY DATA, 10-YEAR FLOOD
 PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.600	581.	2238.	.5	.3	.3	0.
2.800	312.	988.	1.1	.9	.5	.4
3.100	570.	979.	.8	3.9	2.6	1.3
3.200	138.	623.	1.3	4.4	2.7	1.3
3.300	138.	623.	1.3	4.4	2.7	1.3
3.400	577.	1041.	.8	4.4	2.7	1.3

FLOODWAY DATA, 13-YEAR FLOOD
 PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	581.0	2238.0	1.6	4.3	4.3	0.0
2.000	310.0	925.0	1.4	4.0	4.5	0.5
3.150	604.0	1303.0	1.8	4.6	2.6	2.0
3.200	140.0	710.0	1.5	4.6	2.7	1.9
3.300	140.0	711.0	1.5	4.6	2.7	1.9
3.400	610.0	1359.0	1.8	4.7	2.7	2.0

8

FLOODWAY DATA, 10-YEAR FLOOD
 PROFILE NO. 4

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1+000	521.	2238.	1.1	6.3	6.3	0.
2+000	483.	1312.	1.8	1.5	2.9	1.4
3+100	535.	2173.	2.0	6.0	2.6	3.4
3+200	140.	978.	2.0	6.0	2.7	3.3
3+300	140.	817.	2.0	6.1	2.7	3.4
3+400	554.	2215.	1.8	6.1	2.7	3.4

5

THIS RUN EXECUTED 31 AUG 82 09.02.44

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 41,52,53,54,55
 MODIFICATION - 50,51,52,53,54,55

T1 KERSHAW CREEK
 T2 PALMICO COUNTY
 T3 FLOODWAY

J1	ICHECK	ILG	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

HL = 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 AUG 82 09.02.44

 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982
 ERROR CORR - 71,92,93,94,95
 MODIFICATION - 50,51,52,53,54,55

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

FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.24	1.25	0.	1.26	582.63	0.	1430.00	0.	0.	0.	1809.00	2394.00	0.
1.10	1.25	1.20	1.25	582.75	0.	1430.00	0.	.00	1809.00	1809.00	2394.00	2394.00
2.000	1.85	0.	1.09	310.46	.05	1321.95	0.	0.	0.	1294.00	1582.00	0.
2.000	1.83	.77	1.85	288.00	0.	1322.00	0.	.01	1294.00	1294.00	1582.00	1582.00
3.100	4.57	0.	4.65	513.79	303.92	520.65	230.43	0.	0.	3886.00	3914.00	0.
3.100	4.84	.27	5.01	170.61	219.24	703.20	132.56	.34	3794.88	3886.00	3914.00	3965.49
3.200	4.67	0.	4.71	140.00	0.	1055.00	0.	0.	0.	3749.00	3889.00	0.
3.200	5.07	.39	5.10	140.00	0.	1055.00	0.	0.	3749.00	3749.00	3889.00	3889.00
3.300	4.67	0.	4.71	140.00	0.	1055.00	0.	0.	0.	3749.00	3889.00	0.
3.300	5.07	1.00	5.70	140.00	0.	1055.00	0.	0.	0.	3749.00	3889.00	0.
3.400	4.68	0.	4.75	521.42	308.15	510.71	236.14	0.	0.	3886.00	3914.00	0.
3.400	5.05	.97	5.76	177.59	245.17	659.69	150.23	.34	3791.69	3886.00	3914.00	3969.27

FLOODWAY DATA & FLOOD
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
				WITH FLOODWAY	WITHOUT FLOODWAY	
1+000	583	2828	1.5	1.3	1.3	1.0
2+000	258	1147	1.2	1.9	1.1	.8
3+100	171	676	1.6	4.9	4.6	.3
3+200	142	766	1.4	5.1	4.7	.4
3+300	141	851	1.2	5.7	4.7	1.0
3+400	178	843	1.3	5.7	4.7	1.0