

HALF MOON CREEK

TRIB.



4.000 - NOTE - X1 CARD - XLOBL = -0. REACH LENGTH OMITTED  
 4.000 - NOTE - X1 CARD - XLOBP = -0. REACH LENGTH OMITTED  
 4.000 - ERROR - X1 CARD - XLCH = -0. CHANNEL REACH LENGTH OMITTED

T1 HALF MOON CREEK TRIB  
 T2 ONSLOW COUNTY  
 T3 50-YEAR FLOOD

T1 HALF MOON CREEK TRIB  
 - ERROR - J1 CARD EXPECTED FOLLOWING T3 CARD

T1 HALF MOON CREEK TRIB  
 T2 ONSLOW COUNTY  
 T3 100 YEAR FLOOD

T1 HALF MOON CREEK TRIB  
 - ERROR - J1 CARD EXPECTED FOLLOWING T3 CARD

T1 HALF MOON CREEK TRIB  
 T2 ONSLOW COUNTY  
 T3 500 YEAR FLOOD

J\* - ERROR - J1 CARD EXPECTED FOLLOWING T3 CARD

J\* - ERROR - UNRECOGNIZED CARD

E4 - ERROR - THIRD BLANK CARD EXPECTED

14.14.38. HEC2U12. 06 OCT 81 7600Z BKY30B V0 HEC2 NORM 808006 RFRANK.  
 14.14.38. HEC2U12. HEC2.P7.T60.808006.RFRANK.  
 14.14.38. HEC2U12. INPUT 6200C.14.15.40. 06 OCT 81 VIA COKE  
 14.14.38. HEC2U12. COPY,INFUT,IR,CONTROL/BR,DFM=OFF.  
 14.14.39. HEC2U12. FLS=020K FLL=0700K LCM BUFFERS=005AK TOTAL LCM=007AK  
 14.14.39. HEC2U12. CONTROL DISK 1  
 14.14.39. HEC2U12. COPY COMPLETE.  
 14.14.39. HEC2U12. START,POOK,KEEPER.  
 14.15.14. HEC2U12. FETCHPS,HECLIB,EDIT2,EDIT2.  
 14.15.15. HEC2U12. EDIT2 DISK 1  
 14.15.16. HEC2U12. EDIT2 10224 JDRDS COPIED FROM CACHE.  
 14.15.16. HEC2U12. CACHE22 RETURNED 6 BLD, BS= 0040B,FS=1402768  
 14.15.16. HEC2U12. TAPEFAC RETURNED 0 BLD, BS= 0002B,FS=0000000B  
 14.15.16. HEC2U12. EDIT2.  
 14.15.16. HEC2U12. ZZZZZLS DISK 1  
 14.15.16. HEC2U12. ZZZZZLS RETURNED 0 BLD, BS= 0040B,FS=0000000B  
 14.15.17. HEC2U12. DBGMAP DISK 1  
 14.15.18. HEC2U12. OUTPUT DISK 2  
 14.15.18. HEC2U12. DBGMAP UNLOADED 1 BLD, BS= 0040B,FS=0000001B  
 14.15.18. HEC2U12. EDIT2 UNLOADED 1 BLD, BS= 0026B,FS=000025B  
 14.15.18. HEC2U12. NINFALIB UNLOADED 1 BLD, BS= 0010B,FS=0000007B  
 14.15.18. HEC2U12. FTWALIB UNLOADED 1 BLD, BS= 0100B,FS=000100B  
 14.15.18. HEC2U12. LOAD COMPLETE. LINK 8.4.  
 14.15.18. HEC2U12. TIME--- 83 MSEC.  
 14.15.18. HEC2U12. MENDRY- LOAD. 52500, EXECUTE 37000.  
 14.15.18. HEC2U12. FLS=037K FLL=0300K LCM BUFFERS=046K TOTAL LCM=0105K  
 14.15.18. HEC2U12. BEGIN PROGRAM EDIT2 USING -  
 14.15.18. HEC2U12. MNF4 LIBRARY VERSION 3.4  
 14.15.18. HEC2U12. FTN4 LIBRARY 7600-VSN2/01018.17.30  
 14.15.18. HEC2U12. TAPL1 DISK 1  
 14.15.18. HEC2U12. TAPL1 DISK 1  
 14.15.18. HEC2U12. ZZZZZYC DISK 1





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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 91,62,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 HALF MOON CREEK TRIB  
 T2 ONSLOW COUNTY  
 T3 50 YEAR FLOOD

	J1	ICHECK	INO	MINV	IDIR	STR1	METRIC	HVINS	U	USEL	FG
	-1.0	3.0	-0.0	-0.0	0.0	0.0	-0.0	-0.0	10.000	10.000	-0.0
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALDCC	IBW	CHN7M	ITRACE	
	2.000	-0.0	-1.000	-0.0	-0.0	-0.0	-1.000	-0.0	-0.0	-0.0	

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1989  
 ERROR CORR - 5192,83,84  
 MODIFICATION - 50,51,52,53,54  
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T1 HALF MOON CREEK TRIB  
 T2 ONSLOW COUNTY  
 T3 100 YEAR FLOOD

	J1	ICHECK	IRR	NINV	IDIR	STRT	METRIC	HVINS	G	USEL	FG
		4.		-0.	-0.	002000	-0.	-0.	-0.	10.000	-0.
J2	MPKUF	IPLT	PREVS	XSECV	XSECH	FK	ALLDC	IBW	CHNIM	ITRACE	
	3.11	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.	

THIS RUN EXECUTED 04 NOV 81 08:43.38

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 81,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 HALF MOON CREEK TRIB  
 T2 CONSLON COUNTY  
 T3 50 YEAR FLOOD

J1	ICHECK	IKO	NINV	IOJR	SIRT	METRIC	HVINS	0	VSEL	FG
	-0.	5.	-0.	-0.	40200.	-0.	-0.	-0.	10.000	-0.
J2	HPROF	PLLOT	PFVS	XSECV	YSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 04 NOV 81 08:43:39

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 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1981  
 ERROR CORR - 11,02,03,04  
 MODIFICATION - 5,05,15,21,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

YEAR FLOOR

SUMMARY PRINTOUT TABLE 119

SFCRD	CWSEL	DIFKAS	EG	TGFWD	QLOB	QCH	GR0B	PERENC	STENCL	STCHL	STCHR	STENCR
5.00	10.01	0.01	10.04	228.90	131.31	165.58	25.11	0.0	0.0	478.00	500.00	0.0
5.01	11.21	1.20	11.32	243.85	312.70	256.86	91.45	0.0	0.0	478.00	500.00	0.0
5.02	11.09	1.08	11.93	251.04	424.76	307.42	135.82	0.0	0.0	478.00	500.00	0.0
5.03	13.58	3.55	13.60	270.84	795.04	456.30	290.66	0.0	0.0	478.00	500.00	0.0
6.10	12.65	0.0	12.69	224.62	119.71	185.52	16.77	0.0	0.0	478.00	500.00	0.0
6.11	13.79	0.0	13.64	230.39	300.63	281.33	79.04	0.0	0.0	478.00	500.00	0.0
6.12	14.36	0.0	14.42	244.72	412.59	333.20	122.21	0.0	0.0	478.00	500.00	0.0
6.13	15.99	0.0	15.90	262.86	782.22	485.33	274.45	0.0	0.0	478.00	500.00	0.0
6.20	17.25	0.0	17.4	29.22	0.0	222.00	0.0	0.0	0.0	446.70	500.00	0.0
6.21	14.54	0.0	14.79	53.33	0.0	661.00	0.0	0.0	0.0	446.70	500.00	0.0
6.22	15.00	0.0	15.35	53.20	0.0	868.00	0.0	0.0	0.0	446.70	500.00	0.0
6.23	16.54	0.0	17.04	53.35	0.0	1542.00	0.0	0.0	0.0	446.70	500.00	0.0
6.24	17.24	0.0	17.40	29.42	0.0	222.00	0.0	0.0	0.0	446.70	500.00	0.0
6.25	14.54	0.0	14.61	53.33	0.0	661.00	0.0	0.0	0.0	446.70	500.00	0.0
6.26	15.13	0.0	15.47	53.31	0.0	868.00	0.0	0.0	0.0	446.70	500.00	0.0
6.27	15.40	0.0	17.1	53.33	0.0	1542.00	0.0	0.0	0.0	446.70	500.00	0.0
6.28	14.54	0.0	14.65	47.67	0.0	222.00	0.0	0.0	0.0	446.70	500.00	0.0
6.29	15.40	0.0	15.03	17.67	0.93	654.78	3.29	0.0	0.0	446.70	500.00	0.0
6.30	16.1	0.0	16.27	17.44	0.96	845.71	12.34	0.0	0.0	446.70	500.00	0.0
6.31	17.70	0.0	17.91	163.97	61.60	1299.35	81.79	0.0	0.0	446.70	500.00	0.0

YEAR FLOOR

SUMMARY PRINTOUT TABLE 15D

SECDU	YLCH	FILTD	ELLC	ELMIN	G	CVSEL	CRINS	EG	1CK*S	VCH	AREA	*01K
5000	00	00	00	4.10	322.00	10.01	7.27	10.04	20.11	1.78	422.25	71.80
5001	00	00	00	4.10	661.00	11.28	8.94	11.32	20.15	2.12	722.81	147.24
5002	00	00	00	4.10	866.00	11.89	9.21	11.93	20.32	2.29	874.01	192.54
5003	00	00	00	4.10	1542.00	13.56	9.91	13.60	20.04	2.67	1308.84	344.85
6000	11.00	00	00	7.10	322.00	12.65	10.27	12.69	34.12	2.18	339.34	55.12
6001	11.00	00	00	7.10	661.00	13.79	11.91	13.84	33.00	2.55	604.66	115.06
6002	11.00	00	00	7.10	866.00	14.36	12.19	14.42	32.45	2.72	740.70	152.27
6003	11.00	00	00	7.10	1542.00	15.90	12.79	15.96	30.50	3.10	1132.21	275.03
6004	11.00	00	00	7.20	322.00	13.25	11.28	13.40	96.93	3.03	106.12	32.01
6005	11.00	00	00	7.20	661.00	14.54	12.41	14.79	136.33	3.98	166.03	56.61
6006	11.00	00	00	7.20	866.00	15.08	12.92	15.39	137.18	4.45	195.15	74.11
6007	11.00	00	00	7.20	1542.00	16.54	14.33	17.04	142.50	5.66	272.37	129.18
6008	16.00	17.00	17.00	7.20	322.00	13.28	00	13.42	94.24	3.00	107.23	33.17
6009	16.00	17.00	17.00	7.20	661.00	14.58	00	14.82	131.00	3.92	168.03	57.02
6010	16.00	17.00	17.00	7.20	866.00	15.13	00	15.43	131.38	4.39	197.69	75.02
6011	16.00	17.00	17.00	7.20	1542.00	16.62	00	17.10	134.36	5.56	277.21	133.03
6012	11.00	00	00	7.20	322.00	14.01	11.30	14.09	50.60	2.32	139.06	45.27
6013	11.00	00	00	7.20	661.00	15.45	12.41	15.63	55.52	3.03	233.73	88.71
6014	11.00	00	00	7.20	866.00	16.10	12.92	16.27	57.83	3.40	294.09	114.14
6015	11.00	00	00	7.20	1542.00	17.74	14.32	17.98	57.90	4.16	518.25	202.66

YEAR FLOOD

SUMMARY PAINT-TOLU TABLE 159

SECH	Q	C-SEL	HIFMSP	DIFMSX	DIFPKS	TCPVLD	YICB
6-1	322.00	1.21	0.	0.	0.01	228.90	-0.
6-2	661.00	1.28	1.27	0.	1.28	243.05	-0.
6-3	1322.00	1.36	0.61	0.	1.89	251.94	-0.
6-4	1983.00	1.44	1.67	0.	3.56	270.64	-0.
6-5	322.00	1.52	0.	2.64	0.	224.66	1100.00
6-6	661.00	1.59	1.14	2.51	0.	238.09	1100.00
6-7	1322.00	1.66	0.97	2.47	0.	244.72	1100.00
6-8	1983.00	1.73	1.53	2.33	0.	262.86	1100.00
6-9	322.00	1.81	0.	0.01	0.	39.22	100.00
6-10	661.00	1.88	1.20	0.75	0.	53.55	100.00
6-11	1322.00	1.95	0.50	0.72	0.	53.50	100.00
6-12	1983.00	2.02	1.46	0.65	0.	53.50	100.00
6-13	322.00	2.10	0.	0.01	0.	39.42	26.50
6-14	661.00	2.17	1.3	0.6	0.	53.50	26.50
6-15	1322.00	2.24	0.80	0.52	0.	53.50	26.50
6-16	1983.00	2.31	1.60	0.48	0.	53.50	26.50
6-17	322.00	2.39	0.	0.73	0.	47.67	100.00
6-18	661.00	2.46	1.44	0.91	0.	87.70	100.00
6-19	1322.00	2.53	0.61	0.97	0.	100.46	100.00
6-20	1983.00	2.60	1.54	1.13	0.	103.97	100.00

04 NOV 81 08.43.38

FLOODWAY DATA, YEAR FLOOD  
PROFILE NO. 2

STATION	FLOODWAY SECTION AREA		MEAN VELOCITY	WATER SURFACE ELEVATION	
	WIDTH	AREA		WITH FLOODWAY	WITHOUT FLOODWAY
5+500	294	723	1.9	11.2	15.0
6+100	236	605	1.1	13.7	12.6
6+200	53	166	4.0	14.6	13.3
6+300	55	168	3.9	14.6	13.3
6+400	88	234	2.8	15.5	14.0

04 NOV 61 08.43.38  
APAC

FLOODWAY DATA YEAR FLOOD  
PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
5+000	251.	874.	1.00	11.9	10.0	1.9
6+100	245.	741.	1.2	14.3	12.6	1.7
6+200	53.	195.	4.4	15.1	13.3	1.8
6+300	57.	196.	4.4	15.2	13.3	1.9
6+400	108.	294.	3.0	16.1	14.0	2.1

FLOODWAY DATA, YEAR FLOOD  
PROFILE NO. 4

STATION	WIDTH	FLOODWAY SECTION AREA	VELOCITY NEAR	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
5+79	271*	1302*	1.2	13.5	10.0	3.5
5+13	263*	1132*	1.9	15.8	12.6	3.2
6+21	53*	272*	5.7	16.6	13.3	3.3
6+30	53*	277*	5.6	16.6	13.3	3.3
6+41	164*	518*	3.3	17.7	14.0	3.7

THIS RUN EXECUTED 12 NOV 81 09:28:36

O.K.

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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50051,52,53,54  
 .....

T1 HALF MOON CREEK TRIB  
 T2 ONSLOW COUNTY  
 T3 FLOOD WAY

J1	ICHECK	ING	NINV	IDIR	STR1	METRIC	MVINS	Q	USEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	11.890	-0.

J2 NPROF IPL0T PRFVS XSECV XSECH KSECH

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	200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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J5 LPRINT NUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	322.000	661.000	866.000	1542.000	868.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.

X1	5.070	15.000	478.070	500.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	25.500	0.	21.500	200.000	14.800	300.000	9.000	345.000	7.500	400.000
GR	8.500	478.000	4.300	482.000	4.100	485.000	4.300	490.000	9.300	500.000
GR	8.500	560.000	18.500	600.000	19.500	700.000	19.500	800.000	19.300	900.000
ET	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.	-0.

X1	6.100	0.	0.	0.	800.000	1000.000	1100.000	-0.	-0.	-0.
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.

X1	6.200	15.000	446.700	500.000	100.000	100.000	100.000	100.000	10.000	10.000
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	18.500	18.500
GR	31.000	-0.	28.500	100.000	26.000	200.000	17.800	400.000	14.400	446.700
GR	14.400	447.000	8.900	464.000	7.200	470.000	11.100	476.000	10.800	480.000
GR	13.300	490.000	14.500	500.000	19.500	600.000	22.800	800.000	25.000	900.000
SB	1.250	1.570	3.000	-0.	40.000	2.000	296.000	.980	10.800	10.800



THIS RUN EXECUTED 12 NOV 81 09:28:36

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HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54
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T1 HALF MOON CREEK TRIB
T2 ONSLOW COUNTY
T3 100 YEAR FLOOD

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J1	ICHECK	ING	MINV	IDIR	STRT	METRIC	PVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	12.890	-0.

  

J2	NPROF	IPLOT	PRFS	XSECV	XSECH	FN	ALDC	IBV	CHNH	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.

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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 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

OD WAY

SUMMARY PRINTOUT TABLE 110

SECNO	CHSEL	DIFKNS	EG	TOFWID	GLOB	GCH	GRCP	PERENC	STENCL	STCHL	STCHR	STENCR
5.000	11.89	0.	11.92	250.98	424.66	307.63	135.71	0.	0.	478.00	500.00	0.
5.000	12.89	1.00	12.94	127.32	442.33	398.80	26.87	.31	383.76	478.00	500.00	511.08
6.100	14.36	0.	14.42	244.71	412.58	333.22	122.20	0.	0.	478.00	500.00	0.
6.100	15.29	.92	15.36	125.57	430.12	416.44	21.43	.29	384.23	478.00	500.00	509.80
6.200	15.08	0.	15.39	53.30	0.	868.00	0.	0.	0.	446.70	500.00	0.
6.200	15.77	.68	15.99	53.30	0.	868.00	0.	0.	446.70	446.70	500.00	500.00
6.300	15.13	0.	15.43	53.30	0.	868.00	0.	0.	0.	446.70	500.00	0.
6.300	15.93	.81	16.13	53.30	0.	868.00	0.	0.	0.	446.70	500.00	0.
6.400	16.10	0.	16.27	106.46	9.95	845.71	12.34	0.	0.	446.70	500.00	0.
6.400	16.56	.47	16.72	53.30	0.	868.00	0.	.06	446.70	446.70	500.00	500.00

12 NOV 81 09:28:36

FLOODWAY DATA: OD WAY  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER WITH FLOODWAY	SURFACE WITHOUT FLOODWAY	ELEVATION DIFFERENCE	CUMULATIVE DISTANCE
5+000	127.	662.	1.3	12.9	11.9	1.0	13.0
6+100	126.	580.	1.5	15.3	14.4	.9	24.0
6+200	53.	232.	3.7	15.8	15.1	.7	25.0
6+300	53.	240.	3.6	15.9	15.1	.8	25.7
6+400	53.	274.	3.2	16.6	16.1	.5	26.2