

MILLS BRANCH

THIS RUN EXECUTED 25 MAR 83 09.53.38

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

T1 MILLS BRANCH
 T2 CRAVEN COUNTY
 T3 10-YEAR

J1	ICHECK	INV	VIEW	IDIR	STRT	METRIC	HVINS	Q	SEL	FG
	-0.	2.	-0.	-0.	.001000	-0.	-0.	-0.	1.000	-0.
J2	NPROF	IPLDT	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	150.000	200.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.
J6	IMLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	.200	.200	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	347.000	1643.000	2121.000	3593.000	2121.000	-0.	-0.	-0.	-0.
X1	1.000	11.000	466.000	500.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	15.200	0.	2.100	140.000	1.300	466.000	0.	466.000	-4.000	463.000
GR	0.	500.000	1.200	500.000	1.700	928.000	11.200	1018.000	6.500	1060.000
GR	11.300	1073.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	-0.	-0.	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	583.000	1158.000	1502.000	2590.000	1502.000	-0.	-0.	-0.	-0.
X1	4.100	13.000	460.000	430.000	2000.000	3380.000	-0.	-0.	-0.	-0.
GR	12.000	0.	11.200	200.000	10.400	300.000	4.900	400.000	-2.800	414.000
GR	2.200	425.000	3.600	430.000	3.300	460.000	12.000	520.000	12.000	545.000
GR	13.900	551.000	10.400	801.000	12.000	914.500	-0.	-0.	-0.	-0.
X1	4.200	14.000	415.000	455.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	10.000	10.000	-0.
GR	12.000	0.	11.200	200.000	10.400	300.000	5.100	415.000	2.800	425.000
GR	2.200	425.000	-1.100	436.000	2.200	447.000	2.600	447.000	3.100	455.000
GR	5.300	460.000	11.500	520.000	11.600	801.000	12.000	914.500	-0.	-0.

we changed the profile only with the correct reader length

we did not change HEC2 Run

THIS RUN EXECUTED 25 MAR 83 09.53.38

 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 MILLS BRANCH
 T2 CRAVEN COUNTY
 T3 50- YEAR EV 200

J1	ICHECK	INQ	VIEW	IDIR	STRT	METRIC	HVINS	Q	#SEL	F3
	-0.	3.	-0.	-0.	.002000	-0.	-0.	-0.	1.000	-0.
J2	WPROF	IPLDT	PRFVS	XSECV	XSECH	FV	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 09.53.38

 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 MILLS BRANCH
 T2 CRAVEN COUNTY
 T3 100-YEAR FLOOD

J1	ICHECK	IV3	NIVV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	-0.	4.	-0.	-0.	.002000	-0.	-0.	-0.	1.000	-0.
J2	DPROF	IPLDT	PRFVS	KSECV	KSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 09.53.39

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

T1 MILLS BRANCH
 T2 CRAVEN COUNTY
 T3 500-YEAR FLOOD

J1	ICHECK	ING	VFVV	CDIR	STRT	MEFRIC	HVINS	G	ISEL	FQ
	-0.	5.	-0.	-0.	.002000	-0.	-0.	-0.	1.000	-0.
J2	NRPOF	IPLOT	PRFVS	XSECV	XSECH	FV	ALLOC	IBW	C4NIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 09.53.39

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

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

AR

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	3.14	2.14	3.20	812.82	140.37	460.34	244.29	0.	0.	466.00	500.00	0.
1.000	3.57	2.67	3.70	823.36	338.93	765.74	543.33	0.	0.	466.00	500.00	0.
1.000	4.15	3.15	4.27	833.14	490.17	875.12	755.71	0.	0.	466.00	500.00	0.
1.000	5.40	4.40	5.52	858.22	979.87	1185.37	1427.76	0.	0.	466.00	500.00	0.
4.100	6.97	0.	7.08	112.44	11.02	530.10	41.88	0.	0.	400.00	430.00	0.
4.100	9.18	0.	9.35	172.90	80.89	929.86	147.26	0.	0.	400.00	430.00	0.
4.100	9.98	0.	10.19	194.02	134.99	1153.02	213.93	0.	0.	400.00	430.00	0.
4.100	11.72	0.	12.02	636.95	397.49	1734.37	458.14	0.	0.	400.00	430.00	0.
4.200	7.11	0.	7.25	40.00	0.	583.00	0.	0.	0.	415.00	455.00	0.
4.200	9.31	0.	9.56	40.00	0.	1158.00	0.	0.	0.	415.00	455.00	0.
4.200	10.16	0.	10.36	202.02	155.65	1256.33	90.02	0.	0.	415.00	455.00	0.
4.200	11.96	0.	12.23	895.06	463.92	1895.44	230.64	0.	0.	415.00	455.00	0.
4.300	7.12	0.	7.25	40.00	0.	583.00	0.	0.	0.	415.00	455.00	0.
4.300	9.52	0.	9.95	40.00	0.	1158.00	0.	0.	0.	415.00	455.00	0.
4.300	10.78	0.	11.08	40.00	0.	1502.00	0.	0.	0.	415.00	455.00	0.
4.300	12.08	0.	12.33	914.50	479.76	1864.95	245.28	0.	0.	415.00	455.00	0.
4.400	7.26	0.	7.36	120.17	14.20	522.17	46.63	0.	0.	400.00	430.00	0.
4.400	9.33	0.	9.96	190.12	99.80	896.35	161.85	0.	0.	400.00	430.00	0.
4.400	11.05	0.	11.19	386.36	187.54	1072.36	242.10	0.	0.	400.00	430.00	0.
4.400	12.23	0.	12.46	789.68	464.70	1625.89	499.42	0.	0.	400.00	430.00	0.
4.000	10.05	0.	10.08	1368.35	134.11	267.11	181.78	0.	0.	2487.00	2513.00	0.
4.000	11.53	0.	11.53	2424.46	489.94	267.63	401.43	0.	0.	2487.00	2513.00	0.
4.000	12.35	0.	12.35	2674.66	723.72	264.13	514.14	0.	0.	2487.00	2513.00	0.
4.000	13.64	0.	13.65	3078.09	1400.89	327.29	861.82	0.	0.	2487.00	2513.00	0.
4.110	11.40	0.	11.45	516.59	165.41	404.70	12.89	0.	0.	628.00	656.00	0.
4.110	12.75	0.	12.81	860.95	448.98	591.28	117.74	0.	0.	628.00	656.00	0.
4.110	13.42	0.	13.47	941.92	619.42	648.23	234.35	0.	0.	628.00	656.00	0.
4.110	14.74	0.	14.79	1054.23	1132.68	842.21	615.11	0.	0.	628.00	656.00	0.

SECNO	CASEL	DIFKWS	EG	TOPWID	GLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4.120	11.48	0.	11.54	539.96	238.51	324.47	22.02	0.	0.	640.00	656.00	0.
4.120	12.86	0.	12.90	837.87	573.45	437.48	147.07	0.	0.	640.00	656.00	0.
4.120	13.51	0.	13.55	950.62	760.11	464.56	277.33	0.	0.	640.00	656.00	0.
4.120	14.84	0.	14.88	1062.63	1329.41	575.62	684.97	0.	0.	640.00	656.00	0.
4.130	11.91	0.	11.95	649.30	259.32	287.98	35.71	0.	0.	640.00	656.00	0.
4.130	12.86	0.	12.91	837.40	573.73	436.68	147.59	0.	0.	640.00	656.00	0.
4.130	13.53	0.	13.57	951.80	760.31	462.72	278.97	0.	0.	640.00	656.00	0.
4.130	14.87	0.	14.91	1065.09	1328.65	572.03	688.32	0.	0.	640.00	656.00	0.
4.140	11.94	0.	11.97	656.34	195.06	358.19	28.75	0.	0.	528.00	656.00	0.
4.140	12.90	0.	12.95	899.68	459.84	568.25	130.91	0.	0.	628.00	656.00	0.
4.140	13.56	0.	13.61	955.45	625.53	623.75	252.73	0.	0.	628.00	656.00	0.
4.140	14.91	0.	14.95	1058.37	1138.37	817.17	634.46	0.	0.	628.00	656.00	0.
5.000	12.50	0.	12.51	971.65	211.17	229.95	79.98	0.	0.	464.00	496.00	0.
5.000	13.62	0.	13.63	1309.17	379.21	329.16	332.63	0.	0.	464.00	496.00	0.
5.000	14.21	0.	14.23	1450.73	472.51	367.06	513.43	0.	0.	464.00	496.00	0.
5.000	15.54	0.	15.56	1626.85	757.81	479.23	1108.96	0.	0.	464.00	496.00	0.
5.100	14.32	0.	14.36	251.57	54.93	428.02	1.05	0.	0.	4393.00	4416.00	0.
5.100	16.08	0.	16.22	1907.80	325.42	616.71	28.87	0.	0.	4393.00	4416.00	0.
5.100	16.47	0.	16.57	3355.06	575.22	642.02	47.76	0.	0.	4393.00	4416.00	0.
5.100	17.24	0.	17.28	6000.00	1382.16	585.00	233.83	0.	0.	4393.00	4416.00	0.
5.200	15.01	0.	15.04	385.20	89.38	301.51	93.11	0.	0.	4417.00	4442.50	0.
5.200	16.28	0.	16.32	2509.30	313.31	478.12	180.57	0.	0.	4417.00	4442.50	0.
5.200	16.63	0.	16.67	4224.37	505.76	539.76	219.48	0.	0.	4417.00	4442.50	0.
5.200	17.32	0.	17.35	6000.00	1184.45	615.91	400.64	0.	0.	4417.00	4442.50	0.
5.300	15.24	0.	15.34	25.50	0.	484.00	0.	0.	0.	4417.00	4442.50	0.
5.300	16.38	0.	16.41	2920.52	333.32	461.77	176.91	0.	0.	4417.00	4442.50	0.
5.300	16.65	0.	16.69	4330.33	511.63	534.48	218.88	0.	0.	4417.00	4442.50	0.
5.300	17.32	0.	17.35	6000.00	1189.82	609.59	401.59	0.	0.	4417.00	4442.50	0.
5.400	15.30	0.	15.38	402.35	87.51	391.77	4.72	0.	0.	4393.00	4416.00	0.
5.400	16.40	0.	16.47	3008.63	421.53	515.47	35.00	0.	0.	4393.00	4416.00	0.
5.400	16.68	0.	16.74	4448.20	653.03	551.33	60.64	0.	0.	4393.00	4416.00	0.
5.400	17.35	0.	17.38	6000.00	1413.19	529.10	258.71	0.	0.	4393.00	4416.00	0.
6.100	15.89	0.	15.99	2914.17	91.86	130.14	121.00	0.	0.	4549.00	4588.00	0.
6.100	16.85	0.	16.86	5233.85	247.30	152.12	302.59	0.	0.	4549.00	4588.00	0.
6.100	17.15	0.	17.15	5949.41	334.04	170.36	415.60	0.	0.	4549.00	4588.00	0.
6.100	17.83	0.	17.83	7594.43	610.43	218.31	798.27	0.	0.	4549.00	4588.00	0.

AR

SUMMARY PRINTOUT TABLE 150

SECNO	KLCH	ELTRD	ELCFC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
1.000	0.	0.	0.	-4.00	847.00	3.14	.68	3.20	10.04	2.63	1385.76	267.26
1.000	0.	0.	0.	-4.00	1648.00	3.67	2.52	3.78	20.13	3.98	1813.21	367.31
1.000	0.	0.	0.	-4.00	2121.00	4.15	2.76	4.27	19.99	4.18	2215.30	474.40
1.000	0.	0.	0.	-4.00	3593.00	5.40	3.39	5.52	19.85	4.71	3267.39	806.49
4.100	3380.00	0.	0.	-2.80	583.00	6.97	2.74	7.08	14.07	2.90	309.62	155.43
4.100	3380.00	0.	0.	-2.80	1158.00	9.18	4.48	9.36	15.36	3.72	626.83	295.46
4.100	3380.00	0.	0.	-2.80	1502.00	9.98	5.30	10.19	17.51	4.22	770.25	358.93
4.100	3380.00	0.	0.	-2.80	2590.00	11.72	7.13	12.02	22.03	5.32	1387.61	551.41
4.200	100.00	0.	0.	-1.10	583.00	7.11	3.81	7.25	17.40	2.93	199.14	139.75
4.200	100.00	0.	0.	-1.10	1158.00	9.31	5.07	9.56	20.33	4.04	286.88	256.81
4.200	100.00	0.	0.	-1.10	1502.00	10.16	5.62	10.36	16.41	3.91	744.13	370.75
4.200	100.00	0.	0.	-1.10	2590.00	11.96	7.18	12.23	19.06	4.82	1454.54	593.32
4.300	25.00	11.50	8.30	-1.10	583.00	7.12	0.	7.25	17.34	2.92	199.36	140.01
4.300	25.00	11.50	8.30	-1.10	1158.00	9.62	0.	9.85	17.66	3.87	299.28	275.58
4.300	25.00	11.50	8.30	-1.10	1502.00	10.78	0.	11.08	18.32	4.34	345.98	350.91
4.300	25.00	11.50	8.30	-1.10	2590.00	12.08	0.	12.33	17.72	4.69	1562.70	615.20
4.400	75.00	0.	0.	-2.80	583.00	7.26	2.74	7.36	11.73	2.73	342.73	170.25
4.400	75.00	0.	0.	-2.80	1158.00	9.93	4.48	9.96	11.16	3.33	742.65	346.67
4.400	75.00	0.	0.	-2.80	1502.00	11.05	5.31	11.19	10.41	3.51	1049.63	465.45
4.400	75.00	0.	0.	-2.80	2590.00	12.23	7.13	12.46	16.65	4.77	1755.80	634.73
4.000	4800.00	0.	0.	1.50	583.00	10.06	5.83	10.08	3.81	1.57	1770.91	298.54
4.000	4800.00	0.	0.	1.50	1158.00	11.53	8.27	11.53	1.95	1.28	5002.56	830.00
4.000	4800.00	0.	0.	1.50	1502.00	12.35	8.74	12.35	1.38	1.15	7060.26	1280.04
4.000	4800.00	0.	0.	1.50	2590.00	13.64	9.52	13.65	1.34	1.24	10803.52	2240.69
4.110	2380.00	0.	0.	3.80	583.00	11.40	7.10	11.45	7.72	2.25	790.44	209.82
4.110	2380.00	0.	0.	3.80	1158.00	12.75	8.59	12.81	8.73	2.72	1719.42	391.90
4.110	2380.00	0.	0.	3.80	1502.00	13.42	10.15	13.47	7.99	2.74	2324.18	531.53
4.110	2380.00	0.	0.	3.80	2590.00	14.74	11.39	14.79	8.26	3.08	3655.55	901.03
4.120	100.00	0.	0.	3.13	583.00	11.48	6.57	11.54	8.80	2.43	867.53	196.49
4.120	100.00	0.	0.	3.13	1158.00	12.86	8.57	12.90	9.64	2.81	1846.94	372.88
4.120	100.00	0.	0.	3.13	1502.00	13.51	10.32	13.55	8.74	2.80	2454.88	508.03
4.120	100.00	0.	0.	3.13	2590.00	14.94	11.59	14.88	8.98	3.07	3793.32	864.24
4.130	54.00	11.50	9.10	3.13	583.00	11.91	0.	11.95	5.87	2.05	1122.90	240.67
4.130	54.00	11.50	9.10	3.13	1158.00	12.86	0.	12.91	9.59	2.80	1952.42	373.95
4.130	54.00	11.50	9.10	3.13	1502.00	13.53	0.	13.57	8.63	2.78	2468.14	511.20
4.130	54.00	11.50	9.10	3.13	2590.00	14.97	0.	14.91	8.80	3.04	3824.35	873.28

SECNO	XLCH	ELTRD	ELLC	ELMIV	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	01K
4.140	50.00	0.	0.	3.80	583.00	11.94	7.10	11.97	4.61	1.84	1111.04	271.64
4.140	50.00	0.	0.	3.80	1158.00	12.90	8.60	12.95	7.53	2.56	1862.54	422.09
4.140	50.00	0.	0.	3.80	1502.00	13.56	10.15	13.61	6.94	2.59	2476.61	570.04
4.140	50.00	0.	0.	3.80	2590.00	14.91	11.39	14.95	7.35	2.94	3833.01	955.30
5.000	1200.00	0.	0.	5.70	521.00	12.50	9.77	12.51	4.33	1.46	1371.05	250.26
5.000	1200.00	0.	0.	5.70	1041.00	13.62	10.45	13.63	4.49	1.70	2615.41	491.07
5.000	1200.00	0.	0.	5.70	1353.00	14.21	10.77	14.23	4.08	1.73	3445.95	669.81
5.000	1200.00	0.	0.	5.70	2346.00	15.54	11.56	15.56	3.79	1.88	5525.69	1205.18
5.100	2720.00	0.	0.	7.00	484.00	14.32	10.56	14.96	17.56	3.08	322.78	115.50
5.100	2720.00	0.	0.	7.00	972.00	15.08	12.31	16.22	19.42	3.67	1194.14	220.56
5.100	2720.00	0.	0.	7.00	1265.00	16.47	13.19	16.57	17.74	3.63	2165.79	300.33
5.100	2720.00	0.	0.	7.00	2201.00	17.24	16.22	17.28	10.71	3.01	6102.57	672.46
5.200	100.00	0.	0.	6.90	484.00	15.01	9.73	15.04	2.93	1.58	877.57	282.96
5.200	100.00	0.	0.	6.90	972.00	16.28	11.05	16.32	4.37	2.14	2200.43	464.81
5.200	100.00	0.	0.	6.90	1265.00	16.63	11.75	16.67	4.89	2.32	3372.06	572.16
5.200	100.00	0.	0.	6.90	2201.00	17.32	14.20	17.35	5.00	2.46	7164.73	984.28
5.300	20.00	15.62	12.90	6.90	484.00	15.24	0.	15.34	6.82	2.45	197.27	185.34
5.300	20.00	15.62	12.90	6.90	972.00	16.38	0.	16.41	3.93	2.04	2463.09	490.23
5.300	20.00	15.62	12.90	6.90	1265.00	16.65	0.	16.69	4.76	2.29	3460.50	579.99
5.300	20.00	15.62	12.90	6.90	2201.00	17.32	0.	17.35	4.87	2.43	7256.05	997.04
5.400	50.00	0.	0.	7.00	484.00	15.30	10.58	15.38	11.45	2.61	474.87	143.06
5.400	50.00	0.	0.	7.00	972.00	16.40	12.32	16.47	11.77	2.94	1952.58	283.26
5.400	50.00	0.	0.	7.00	1265.00	16.68	13.19	16.74	11.95	3.03	2990.77	365.91
5.400	50.00	0.	0.	7.00	2201.00	17.36	16.18	17.38	8.39	2.68	6773.27	759.97
6.100	2500.00	0.	0.	7.80	343.00	15.89	11.63	15.89	1.10	.70	2567.68	327.54
6.100	2500.00	0.	0.	7.80	702.00	16.85	12.86	16.86	.81	.68	6473.99	779.83
6.100	2500.00	0.	0.	7.80	920.00	17.15	14.08	17.15	.86	.73	8127.88	992.89
6.100	2500.00	0.	0.	7.80	1627.00	17.93	14.90	17.83	.99	.84	12701.18	1637.52

AR

SUMMARY PRINTOUT TABLE 150

SECNO	S	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	3476.00	3.14	0.	0.	2.14	812.92	0.
1.000	1548.00	3.67	.52	0.	2.67	823.36	0.
1.000	2121.00	4.15	.49	0.	3.15	833.14	0.
1.000	3593.00	5.40	1.24	0.	4.40	858.22	0.
4.100	583.00	6.97	0.	3.92	0.	112.44	3380.00
4.100	1158.00	9.18	2.22	5.52	0.	172.90	3380.00
4.100	1502.00	9.98	.79	5.83	0.	194.02	3380.00
4.100	2590.00	11.72	1.75	6.33	0.	636.95	3380.00
4.200	583.00	7.11	0.	.15	0.	40.00	100.00
4.200	1158.00	9.31	2.19	.12	0.	40.00	100.00
4.200	1502.00	10.16	.86	.19	0.	202.02	100.00
4.200	2590.00	11.96	1.80	.24	0.	895.06	100.00
4.300	583.00	7.12	0.	.01	0.	40.00	25.00
4.300	1158.00	9.62	2.50	.31	0.	40.00	25.00
4.300	1502.00	10.78	1.17	.62	0.	40.00	25.00
4.300	2590.00	12.08	1.30	.12	0.	914.50	25.00
4.400	583.00	7.26	0.	.14	0.	120.17	75.00
4.400	1158.00	9.83	2.57	.21	0.	190.12	75.00
4.400	1502.00	11.05	1.23	.27	0.	386.36	75.00
4.400	2590.00	12.23	1.18	.15	0.	789.68	75.00
4.000	583.00	10.06	0.	2.80	0.	1969.35	4800.00
4.000	1158.00	11.53	1.47	1.70	0.	2424.46	4800.00
4.000	1502.00	12.35	.82	1.29	0.	2674.55	4800.00
4.000	2590.00	13.64	1.30	1.41	0.	3078.09	4800.00
4.110	583.00	11.40	0.	1.34	0.	516.59	2380.00
4.110	1158.00	12.75	1.35	1.22	0.	860.95	2380.00
4.110	1502.00	13.42	.67	1.07	0.	941.92	2380.00
4.110	2590.00	14.74	1.32	1.10	0.	1054.29	2380.00
4.120	583.00	11.43	0.	.09	0.	539.36	100.00
4.120	1158.00	12.85	1.37	.10	0.	887.37	100.00
4.120	1502.00	13.51	.66	.10	0.	950.52	100.00
4.120	2590.00	14.84	1.33	.10	0.	1062.63	100.00
4.130	583.00	11.91	0.	.43	0.	649.30	54.00
4.130	1158.00	12.85	.95	.01	0.	869.40	54.00
* 4.130	1502.00	13.53	.67	.01	0.	951.80	54.00
* 4.130	2590.00	14.87	1.34	.03	0.	1065.09	54.00

SECNO	9	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4.140	593.00	11.94	0.	.03	0.	656.34	50.00
4.140	1158.00	12.90	.96	.04	0.	899.68	50.00
4.140	1502.00	13.55	.66	.03	0.	955.45	50.00
4.140	2590.00	14.91	1.34	.03	0.	1068.37	50.00
5.000	521.00	12.50	0.	.55	0.	971.65	1200.00
5.000	1041.00	13.62	1.12	.71	0.	1309.17	1200.00
5.000	1353.00	14.21	.60	.65	0.	1450.73	1200.00
5.000	2346.00	15.54	1.33	.64	0.	1626.95	1200.00
5.100	484.00	14.82	0.	2.33	0.	251.57	2720.00
5.100	972.00	16.08	1.26	2.47	0.	1907.80	2720.00
5.100	1265.00	16.47	.39	2.25	0.	3355.06	2720.00
5.100	2201.00	17.24	.77	1.70	0.	6000.00	2720.00
5.200	484.00	15.01	0.	.19	0.	385.20	100.00
5.200	972.00	16.28	1.27	.20	0.	2509.30	100.00
5.200	1265.00	16.63	.35	.17	0.	4224.37	100.00
5.200	2201.00	17.32	.69	.08	0.	6000.00	100.00
5.300	484.00	15.24	0.	.23	0.	25.50	20.00
5.300	972.00	16.38	1.14	.10	0.	2920.52	20.00
5.300	1265.00	16.65	.28	.02	0.	4330.33	20.00
5.300	2201.00	17.32	.67	.00	0.	6000.00	20.00
5.400	484.00	15.30	0.	.06	0.	402.35	50.00
5.400	972.00	16.40	1.10	.02	0.	3008.63	50.00
5.400	1265.00	16.68	.28	.03	0.	4448.20	50.00
5.400	2201.00	17.36	.67	.03	0.	6000.00	50.00
6.100	343.00	15.89	0.	.59	0.	2914.17	2500.00
6.100	702.00	16.95	.95	.46	0.	5233.95	2500.00
6.100	920.00	17.15	.30	.47	0.	5949.41	2500.00
6.100	1527.00	17.83	.68	.47	0.	7584.43	2500.00

FLOODWAY DATA. AR
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	823.	1313.	.3	3.6	3.1	.5
4.100	173.	527.	1.3	9.2	7.0	2.2
4.200	40.	237.	4.0	9.3	7.1	2.2
4.300	40.	299.	3.9	9.6	7.1	2.5
4.400	190.	743.	1.6	9.9	7.3	2.6
4.000	2424.	5003.	.2	11.6	10.1	1.5
4.110	835.	1719.	.7	12.8	11.4	1.4
4.120	895.	1347.	.6	12.9	11.5	1.4
4.130	855.	1652.	.6	12.6	11.9	.9
4.140	300.	1383.	.6	12.9	11.9	1.0
5.000	1329.	2515.	.4	13.6	12.5	1.1
5.100	1903.	1194.	.3	16.1	14.8	1.3
5.200	2509.	2200.	.4	16.3	15.0	1.3
5.300	3145.	2453.	.4	16.3	15.2	1.1
5.400	3242.	1953.	.5	16.4	15.3	1.1
6.100	5234.	5474.	.1	16.9	15.9	1.0

FLOODWAY DATA, AR
PROFILE NO. 3

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
1.000	833.	22156	1.0	4.1	3.1	1.0
4.100	134.	7706	2.0	10.0	7.0	3.0
4.200	202.	7446	2.0	10.2	7.1	3.1
4.300	40.	3466	4.3	10.8	7.1	3.7
4.400	629.	10506	1.4	11.1	7.3	3.8
4.000	2675.	70506	.2	12.4	10.1	2.3
4.110	342.	23246	.6	13.4	11.4	2.0
4.120	351.	24556	.5	13.5	11.5	2.0
4.130	352.	24586	.6	13.5	11.9	1.6
4.140	355.	24776	.6	13.5	11.9	1.6
5.000	1451.	34466	.4	14.2	12.5	1.7
5.100	3543.	21566	.6	16.4	14.8	1.6
5.200	4314.	35726	.4	16.6	15.0	1.6
5.300	4403.	34506	.4	16.6	15.2	1.4
5.400	4513.	29916	.4	16.7	15.3	1.4
6.100	5943.	91286	.1	17.2	15.9	1.3

FLOODWAY DATA, AR
 PROFILE NO. 4

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	855.	3267.	1.1	5.4	3.1	2.3
4.100	825.	1398.	1.9	11.8	7.0	4.8
4.200	895.	1455.	1.8	12.0	7.1	4.9
4.300	915.	1583.	1.7	12.1	7.1	5.0
4.400	915.	1755.	1.5	12.3	7.3	5.0
4.000	3078.	10304.	.2	13.7	10.1	3.6
4.110	1054.	3556.	.7	14.7	11.4	3.3
4.120	1063.	3733.	.7	14.9	11.5	3.4
4.130	1065.	3324.	.7	14.9	11.9	3.0
4.140	1063.	3333.	.7	14.9	11.9	3.0
5.000	1627.	5526.	.4	15.5	12.5	3.0
5.100	6000.	5103.	.4	17.2	14.8	2.4
5.200	6000.	7155.	.3	17.3	15.0	2.3
5.300	6000.	7255.	.3	17.3	15.2	2.1
5.400	6000.	6773.	.3	17.4	15.3	2.1
6.100	7594.	12701.	.1	17.8	15.9	1.9

THIS RUN EXECUTED 31 MAR 83 10.50.52

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

T1 MILLS BRANCH
 T2 CRAVEN COUNTY
 T3 BASE FLOOD

J1	ICHECK	INW	NINW	IDIR	STRT	METRIC	HVINS	0	WSEL	FQ
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	4.150	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	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	LPRINT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEW	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	847.000	1648.000	2121.000	3593.000	2121.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	11.000	466.000	500.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	15.200	0.	2.100	140.000	1.300	466.000	0.	466.000	-4.000	483.000
GR	0.	500.000	1.200	500.000	1.700	928.000	11.200	1018.000	6.500	1060.000
GR	11.500	1073.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	583.000	1158.000	1502.000	2590.000	1502.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.	-0.
X1	4.100	13.000	400.000	430.000	2000.000	3380.000	3380.000	-0.	-0.	-0.
GR	12.000	0.	11.200	200.000	10.400	300.000	4.900	400.000	-2.800	414.000
GR	2.200	425.000	3.500	430.000	5.300	460.000	12.000	520.000	12.000	545.000
GR	13.900	551.000	10.400	801.000	12.000	914.500	-0.	-0.	-0.	-0.
X1	4.200	14.000	415.000	455.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	10.000	10.000	-0.
GR	12.000	0.	11.200	200.000	10.400	300.000	5.100	415.000	2.800	425.000
GR	2.200	425.000	-1.100	436.000	2.200	447.000	2.600	447.000	3.100	455.000
GR	5.300	460.000	11.500	520.000	11.600	801.000	12.000	914.500	-0.	-0.

THIS RUN EXECUTED 31 MAR 83 10.50.53

 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 MILLS BRANCH
 T2 CRAVEN COUNTY
 T3 FLOODWAY

J1	ICHECK	IND	VIEW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	5.150	-0.
J2	MPROF	IPLDT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-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.

THIS RUN EXECUTED 31 MAR 83 10.50.53

 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

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

BASE FLOOR

SUMMARY PRINTOUT TABLE 110

SECTION	CORSECT	DIFKWS	PG	TOPWID	GLOBAL	QCH	GF08	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	4.15	0.	4.27	833.12	490.05	875.36	755.59	0.0	0.	466.00	500.00	0.
1.000	5.15	1.00	5.33	363.51	290.97	1126.02	704.01	.35	366.05	466.00	500.00	729.55
4.100	9.57	0.	10.19	194.13	135.16	1152.80	214.04	0.	0.	400.00	430.00	0.
4.100	10.98	1.01	11.25	61.27	42.91	1329.29	129.80	.17	389.82	400.00	430.00	451.09
4.200	10.15	0.	10.36	201.59	155.48	1256.57	89.95	0.	0.	415.00	455.00	0.
4.200	11.17	1.01	11.43	46.16	25.15	1476.85	0.	.19	408.84	415.00	455.00	455.00
4.300	10.78	0.	11.07	40.00	0.	1502.00	0.	0.	0.	415.00	455.00	0.
4.300	11.79	1.01	12.02	40.00	0.	1502.00	0.	.09	415.00	415.00	455.00	455.00
4.400	11.05	0.	11.19	385.05	187.27	1072.77	241.96	0.	0.	400.00	430.00	0.
4.400	11.96	.91	12.13	84.23	120.00	1217.76	164.24	.19	373.33	400.00	430.00	457.56
4.000	12.34	0.	12.35	2673.98	723.53	264.31	514.17	0.	0.	2487.00	2513.00	0.
4.000	13.23	.59	13.24	1304.57	804.56	301.11	396.33	.31	1511.85	2487.00	2513.00	2816.42
4.110	13.42	0.	13.47	941.84	619.38	648.38	234.24	0.	0.	628.00	656.00	0.
4.110	14.20	.79	14.26	368.24	612.46	715.92	173.62	.22	405.49	628.00	656.00	773.73
4.120	13.51	0.	13.55	950.56	760.09	464.66	277.24	0.	0.	640.00	656.00	0.
4.120	14.30	.73	14.34	421.49	774.19	498.21	229.60	.22	393.64	640.00	656.00	815.14
4.130	13.53	0.	13.57	951.73	760.30	462.82	278.86	0.	0.	640.00	656.00	0.
4.130	14.31	.78	14.35	425.60	774.17	496.10	231.73	.22	393.01	640.00	656.00	818.61
4.140	13.56	0.	13.61	955.39	625.50	623.86	252.64	0.	0.	628.00	656.00	0.
4.140	14.34	.78	14.39	411.14	618.05	685.34	198.61	.21	396.21	628.00	656.00	807.35
5.000	14.21	0.	14.23	1450.64	472.53	367.10	513.38	0.	0.	464.00	496.00	0.
5.000	14.94	.72	14.96	583.83	383.05	417.39	552.56	.24	314.48	464.00	496.00	1003.36

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLDB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
5.100	16.47	0.	16.57	3355.20	575.23	642.01	47.76	0.	0.	4393.00	4416.00	0.
5.100	17.12	.65	17.24	347.53	563.20	701.90	0.	.46	4068.47	4393.00	4416.00	4416.00
5.200	16.63	0.	16.67	4224.48	505.77	539.76	219.48	0.	0.	4417.00	4442.50	0.
5.200	17.32	.68	17.35	1042.16	741.48	523.52	0.	.37	3400.34	4417.00	4442.50	4442.50
5.300	16.65	0.	16.69	4330.42	511.64	534.48	218.88	0.	0.	4417.00	4442.50	0.
5.300	17.34	.68	17.37	1061.73	747.38	517.62	0.	.38	3380.77	4417.00	4442.50	4442.50
5.400	16.68	0.	16.74	4448.30	653.04	551.32	60.64	0.	0.	4393.00	4416.00	0.
5.400	17.36	.68	17.43	579.43	676.62	588.16	0.	.48	3836.57	4393.00	4416.00	4416.00
6.100	17.15	0.	17.15	5949.43	334.04	170.36	415.60	0.	0.	4549.00	4588.00	0.
6.100	17.80	.65	17.80	1657.82	280.35	194.41	445.24	.36	3959.91	4549.00	4588.00	5617.73

FLOODWAY DATA, BASE FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	354.	1492.	1.4	5.2	4.2	1.0
4.100	61.	506.	3.0	11.0	10.0	1.0
4.200	46.	398.	3.8	11.2	10.2	1.0
4.300	40.	386.	3.9	11.8	10.8	1.0
4.400	84.	711.	2.1	11.9	11.0	.9
4.000	1305.	5599.	.3	13.2	12.3	.9
4.110	368.	1727.	.9	14.2	13.4	.8
4.120	421.	1940.	.8	14.3	13.5	.8
4.130	426.	1955.	.8	14.3	13.5	.8
4.140	411.	1938.	.8	14.4	13.6	.8
5.000	689.	2800.	.5	14.9	14.2	.7
5.100	348.	1076.	1.2	17.2	16.5	.7
5.200	1042.	2497.	.5	17.3	16.6	.7
5.300	1052.	2549.	.5	17.4	16.7	.7
5.400	579.	1577.	.8	17.4	16.7	.7
6.100	1658.	5297.	.2	17.8	17.1	.7