

TROUBLE SOME

CREEK

2

SURFACE PROFILES

VERSION OF NOVEMBER 1976
 UPDATED MAY 1984
 IBM-PC-XT VERSION AUGUST 1985
 RUN DATE 03-09-89 TIME 15:39:03

U.S. ARMY CORPS OF ENGINEERS
 THE HYDROLOGIC ENGINEERING CENTER
 609 SECOND STREET, SUITE D
 DAVIS, CALIFORNIA 95616
 (916) 440-2105 (FTS) 448-2105

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X   X  XXXXXXX  XXXX      XXXX
X   X  X      X   X      X   X
X   X  X      X           X
XXXXXXXX XXXX  X         XXXX  XXXX
X   X  X      X           X
X   X  X      X   X      X
X   X  XXXXXXX  XXXX      XXXXXXX
    
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03-09-89 15:39:03

PAGE 1

THIS RUN EXECUTED 03-09-89

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HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
IBM-PC-XT VERSION AUGUST 1985
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ROCKINGHAM COUNTY, NC
 TROUBLESOME CREEK

T1 Rockingham County, NC
 T2 100-YEAR FLOOD, January, 1989
 T3 TROUBLESOME CREEK

J1	ICHECK	IND	MINV	IDIR	STRT	METRIC	HVINS	D	WSEL	FO
	0.	2.	0.	0.	.001810	.00	.5	0.	700.500	.000
J2	NPROF	IPLNT	PREVS	XSECV	XSECH	FN	ALLDC	IDW	CHNIM	ITRACE
	-1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	43.000	42.000	1.000	3.000	8.000	5.000	14.000	25.000	10.000
	11.000	40.000	25.000	.000	200.000	.000	.000	.000	.000	.000
NC	.070	.070	.045	.300	.500	.000	.000	.000	.000	.000
QT	1.000	6342.700	.000	.000	.000	.000	.000	.000	.000	.070
A-X1	39570.000	10.000	95.800	146.900	.000	.000	.000	.000	.000	.000
GR	707.250	.000	704.730	93.800	693.410	95.800	693.550	109.400	693.850	121.503
GR	692.270	133.600	693.030	146.900	704.710	148.500	705.800	284.900	717.200	650.000
X1	39577.000	.000	.000	.000	7.000	7.000	7.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	704.730	704.730	.000

SB	1.050	1.600	2.600	.000	53.500	3.000	501.970	.000	693.200	693.200
X1	39603.000	.000	.000	.000	26.000	26.000	26.000	.000	.000	.000
X2	.000	.000	1.000	703.140	705.440	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	705.440	705.440	.000
BT	6.000	.000	707.250	.000	93.800	705.440	.000	121.500	705.440	.000
BT	146.900	705.440	.000	284.900	705.800	.000	650.000	717.200	.000	.000
NC	.125	.125	.080	.100	.300	.000	.000	.000	.000	.000
DT	1.000	6022.300	.000	.000	.000	.000	.000	.000	.000	.000
B-X1	50186.000	16.000	453.900	910.900	10583.000	10583.000	10583.000	.000	.000	.000
GR	734.300	.000	730.110	169.900	718.010	344.800	713.810	453.900	711.590	519.700
GR	712.990	668.600	713.730	821.000	713.580	895.100	713.560	900.900	712.540	904.300
GR	712.190	906.200	712.350	909.700	713.560	910.900	714.340	914.700	714.450	969.500
GR	763.890	1083.000	.000	.000	.000	.000	.000	.000	.000	.000

03-09-89 15:39:02

PAGE 2

NC	.070	.070	.045	.300	.500	.000	.000	.000	.000	.000
DT	1.000	5511.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	55711.000	19.000	256.000	393.700	5525.000	5525.000	5525.000	.000	.000	.000
GR	735.500	.000	731.180	256.000	728.500	256.900	722.570	271.800	722.460	286.800
GR	720.550	289.300	719.680	290.700	718.790	291.800	717.230	313.000	718.170	323.600
GR	718.600	327.800	719.670	329.900	721.980	333.500	721.900	341.100	721.880	358.300
GR	723.500	374.400	728.500	392.200	731.370	393.700	731.850	613.700	.000	.000

C-X1	55899.000	.000	.000	.000	188.000	188.000	188.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	730.500	730.500	.000

SB	.950	1.600	2.700	.000	50.000	6.000	1108.076	3.485	718.000	718.000
X1	55923.000	.000	.000	.000	24.000	24.000	24.000	.000	.000	.000
X2	.000	.000	1.000	730.130	731.670	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	731.600	731.600	.000
BT	5.000	.000	735.500	.000	256.000	731.670	.000	313.000	731.370	.000
BT	393.700	731.670	.000	613.700	731.850	.000	.000	.000	.000	.000

X1	55949.000	.000	.000	.000	26.000	26.000	26.000	.000	.000	.000
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NC	.125	.125	.080	.100	.300	.000	.000	.000	.000	.000
DT	1.000	4123.500	.000	.000	.000	.000	.000	.000	.000	.000
D-X1	68681.000	17.000	304.500	332.800	12732.000	12732.000	12732.000	.000	.000	.000
GR	753.540	.000	741.370	64.400	740.450	99.800	737.300	111.700	740.530	127.700
GR	739.540	206.900	737.820	222.500	740.600	238.900	741.480	304.500	738.390	309.400
GR	735.890	310.800	736.620	319.800	737.000	330.500	738.390	331.500	741.500	332.800
GR	744.340	335.600	767.780	463.100	.000	.000	.000	.000	.000	.000

NC	.060	.060	.040	.300	.500	.000	.000	.000	.000	.000
DT	1.000	3674.300	.000	.000	.000	.000	.000	.000	.000	.000
X1	80161.000	12.000	458.200	498.600	11480.000	11480.000	11480.000	.000	.000	.000
GR	772.880	.000	762.280	458.200	755.040	458.800	753.850	465.000	752.750	467.500
GR	748.590	460.700	748.140	404.800	749.200	497.300	752.750	497.400	762.110	498.600
GR	761.730	676.900	772.310	961.100	.000	.000	.000	.000	.000	.000

E-X1	80250.000	.000	.000	.000	89.000	89.000	89.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	761.000	761.000	.000

SB	1.050	1.560	2.600	.000	29.000	2.000	419.176	.451	748.500	748.500
X1	80274.000	.000	.000	.000	24.000	24.000	24.000	.000	.000	.000
X2	.000	.000	1.000	760.430	762.600	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	762.600	762.600	.000
BT	5.000	.000	772.880	.000	458.200	762.280	.000	484.800	762.200	.000
BT	498.600	762.110	.000	676.900	761.730	.000	.000	.000	.000	.000

XI	98556.000	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
NC	.080	.080	.055	.000	.000	.000	.000	.000	.000	.000
OT	1.000	1830.200	.000	.000	.000	.000	.000	.000	.000	.000
XI	107412.000	15.000	189.800	216.100	8856.000	8856.000	8856.000	.000	.000	.000
GR	831.990	.000	830.120	82.400	827.370	102.400	825.440	181.700	820.520	189.800
GR	818.780	198.500	817.820	200.100	816.480	201.100	816.490	204.400	816.350	212.100
GR	817.820	213.100	820.230	216.100	820.450	221.700	825.150	240.100	833.890	496.600

(L)-XI	107442.000	.000	.000	.000	30.000	30.000	30.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	824.000	824.000	.000

SB	1.050	1.600	2.600	.000	26.500	2.500	184.272	.000	816.500	816.500
NC	.000	.000	.025	.000	.000	.000	.000	.000	.000	.000
XI	107512.000	.000	.000	.000	70.000	70.000	70.000	.000	.000	.000
X2	.000	.000	1.000	823.480	825.140	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	825.140	825.140	.000
BT	5.000	102.400	827.370	.000	181.700	825.440	.000	207.000	827.000	.000
BT	240.100	825.150	.000	496.600	833.890	.000	.000	.000	.000	.000

XI	107536.000	.000	.000	.000	4.000	24.000	24.000	.000	.000	.000
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NC	.080	.080	.055	.100	.300	.000	.000	.000	.000	.000
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OT	1.000	1795.300	.000	.000	.000	.000	.000	.000	.000	.000
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(J)-XI	108677.000	12.000	137.500	155.100	1141.000	1141.000	1141.000	.000	.000	.000
GR	835.020	.000	823.600	114.500	822.610	137.500	820.000	141.200	819.740	141.700
GR	818.560	148.900	819.090	152.000	820.000	153.300	822.610	155.000	823.610	155.100
GR	823.890	213.200	857.900	334.000	.000	.000	.000	.000	.000	.000
FJ	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

SECD	DEPTH	CWSEL	CRINS	WSELX	EG	HW	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TINE	YLOB	YCH	YROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOR	ITRIAL	IDC	ICDNT	CORAR	TOPWID	ENDST	

*PROF I

CCHV= .300 CEHV= .500

*SECD 39570.000

39570.00	14.96	707.23	.00	700.50	708.16	.93	.00	.00	693.41	
6343.	140.	5786.	417.	133.	716.	316.	0.	0.	693.03	
.00	1.05	8.68	1.32	.070	.045	.070	.000	692.27	.61	
.001777	0.	0.	0.	0	0	6	.00	330.20	330.81	

*SECD 39577.000

39577.00	14.98	707.25	.00	.00	708.17	.92	.01	.00	693.41	
6343.	140.	5783.	419.	134.	716.	317.	0.	0.	693.03	
.00	1.05	8.07	1.32	.070	.045	.070	.000	692.27	.38	
.001773	7.	7.	7.	1	0	0	.00	330.63	331.01	

SPECIAL BRIDGE

SB	XI	XKOR	COFQ	ROLEN	BHC	BWP	BAREA	SS	ELCHU	ELCHD	
		1.05	1.60	2.60	.00	53.50	3.00	501.97	.00	693.20	693.20

*SECD 39603.000

3280 CROSS SECTION 39603.00 FITWREF .20 FEET

483. 637. 870. 261. 137. 341. 2100. 101. 823.81
 5.83 1.85 4.06 2.04 .080 .055 .080 .000 818.56 63.05
 .001573 1141. 1141. 1141. 2 0 0 .00 167.34 230.40

03-09-89 15:39:03

PAGE 14

THIS RUN EXECUTED 03-09-89

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

TROUBLESOME CREEK

SUMMARY PRINTOUT

	SECHD	0	ELKIN	CWSEL	EG	DEPTH	10K*5	DCH	VCH	HV	HL	ELTRD	AREA
(A)	39570.000	6342.70	692.27	707.23	708.16	14.96	17.77	5785.75	8.08	.93	.00	.00	1165.30
	39577.000	6342.70	692.27	707.25	708.17	14.98	17.73	5783.29	8.07	.92	.01	.00	1167.35
	39603.000	6342.70	692.27	707.45	708.30	15.18	16.37	5694.62	7.83	.86	.13	705.44	1236.45
(B)	50186.000	6022.30	711.59	710.19	710.27	6.60	17.06	5531.21	2.31	.08	4.94	.00	2882.10
	55711.000	5511.00	717.23	720.90	729.42	11.67	23.60	5511.00	5.76	.52	10.93	.00	955.9E
(C)	55899.000	5511.00	717.23	729.38	729.84	12.15	19.09	5511.00	5.39	.45	.40	.00	1021.8E
	55923.000	5511.00	717.23	729.43	729.87	12.20	18.77	5511.00	5.36	.45	.04	731.67	1027.3E
	55949.000	5511.00	717.23	729.48	729.92	12.25	18.32	5511.00	5.32	.44	.05	.00	1035.10
(D)	68681.000	4123.50	735.89	718.32	748.37	12.43	10.95	340.12	2.71	.05	18.41	.00	2454.54
	80161.000	3674.30	748.14	765.03	765.25	16.89	6.89	2644.06	4.41	.22	7.09	.00	1462.17
(E)	80250.000	3674.30	748.14	765.10	765.31	16.96	6.65	2617.31	4.35	.22	.06	.00	1492.30
	80274.000	3674.30	748.14	765.13	765.34	16.99	6.53	2603.87	4.31	.21	.03	762.60	1507.6E
	80314.000	3674.30	748.14	765.16	765.37	17.02	6.43	2592.87	4.29	.21	.03	.00	1520.3E
	86122.000	3087.70	763.03	774.53	774.97	11.50	18.77	3087.70	5.34	.44	6.16	.00	578.62
(F)	86177.000	3087.70	763.03	774.65	775.07	11.62	17.68	3087.70	5.24	.43	.10	.00	589.67
	86202.000	3087.70	763.03	775.22	775.58	12.19	13.50	3087.70	4.81	.36	.51	775.34	642.07
	86241.000	3087.70	763.03	775.28	775.64	12.25	13.14	3087.63	4.77	.35	.05	.00	647.84

590
 13100
 11960
 6660
 9600

SECH0	Q	ELMIN	CWSEL	EG	DEPTH	LOK#S	QCH	VCH	KV	HL	ELTR0	AREA
94822.000	2758.30	779.38	790.37	791.13	10.99	26.78	2758.30	7.03	.77	15.29	.00	392.61
(G) 94892.000	2758.30	779.38	790.59	791.33	11.21	25.09	2758.30	6.87	.73	.18	.00	401.65
94917.000	2758.30	779.38	791.22	791.87	11.84	21.09	2758.30	6.46	.65	.54	791.50	426.86
(3700) 94987.000	2758.30	779.38	791.39	792.02	12.01	20.17	2758.30	6.36	.63	.14	.00	433.60
98437.000	2484.60	786.78	797.75	798.02	10.97	14.40	1830.21	4.80	.27	5.89	.00	895.42
(H) 98518.000	2484.60	786.78	797.89	798.14	11.11	13.05	1786.26	4.61	.24	.11	.00	939.84
98536.000	2484.60	786.78	797.89	798.14	11.11	13.04	1785.80	4.61	.24	.00	796.15	940.32
(8900) 98556.000	2484.60	786.78	797.92	798.16	11.14	12.77	1776.80	4.57	.24	.03	.00	949.68
107412.000	1830.20	816.35	826.69	827.15	10.34	32.11	1395.36	6.08	.46	7.82	.00	433.86
(I) 107442.000	1830.20	816.35	826.82	827.25	10.47	23.83	1378.52	5.92	.43	.09	.00	454.74
(12.60) 107512.000	1830.20	816.35	827.03	827.62	10.68	7.43	1575.33	6.60	.58	.37	825.14	491.36
107536.000	1830.20	816.35	827.05	827.64	10.71	7.37	1573.72	6.58	.58	.02	.00	494.74
(J) 108677.000	1795.30	818.56	828.73	828.86	10.17	15.73	636.56	4.06	.13	1.18	.00	749.17

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 50166.000 PROFILE= 1 INTERPOLATED XSECTIONS USED
 CAUTION SECNO= 80161.000 PROFILE= 1 INTERPOLATED XSECTIONS USED
 CAUTION SECNO= 86122.000 PROFILE= 1 INTERPOLATED XSECTIONS USED
 CAUTION SECNO=107412.000 PROFILE= 1 INTERPOLATED XSECTIONS USED

THIS RUN EXECUTED 03-09-89

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
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