
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 5:05
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 TRANSYLVANIA CC. NC 0
 T2 100 YEAR 0
 T3 PATERSON CREEK 3-3-77 0

J1 ICHECK INQ NINW IDIR STRT METRIC HVINS Q WSEL FQ
 0. 6. 0. 0. 0. 0. 0. 0. 0.2151.810 0.

J2 NPROF I PLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 0. 0. -1. 0. 0. 0. 0. 0. 0. 0. 15. 0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT
 38.00 43.00 1.00 50.00 36.00 4.00 27.00 28.00 9.00 52.00 0

200.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 NC 0.060 0.060 0.045 0.100 0.500 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 QT 6.000 400.000 650.000 850.000 1260.000 850.000 850.000 850.000 850.000 850.000 0.0 0.0
 ET 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 380.000 480.000

XI 0.220 15.000 409.000 446.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 GR 2155.600 0.0 2153.400 2153.000 2153.000 210.000 2151.200 2151.000 309.000 2151.200 0.0 0.0
 GR 2144.100 420.000 2142.600 429.000 2144.000 435.000 2146.800 2149.500 446.000 2151.900 513.000 0.0
 GR 2153.200 610.000 2156.400 692.000 2159.700 707.000 2143.000 2159.900 725.000 2165.000 780.000 0.0
 NC 0.060 0.060 0.045 0.100 0.500 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 8.100 380.000 480.000 0.0 0.0

XI 0.220 24.000 401.000 446.000 50.000 50.000 50.000 50.000 50.000 50.000 0.0 0.0
 X3 10.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2152.200 2154.500
 GR 2155.600 0.0 2153.400 110.000 2153.000 210.000 2151.200 2151.000 309.000 2151.000 0.0 0.0
 GR 2151.100 401.000 2147.900 401.000 2146.900 411.000 2146.800 2146.800 412.000 2144.900 424.000 0.0
 GR 2143.500 425.000 2142.700 428.000 2142.800 429.000 2143.000 2143.000 430.000 2143.900 434.000 0.0
 GR 2144.000 435.000 2146.000 446.000 2149.500 446.000 2151.900 2151.900 514.000 2153.200 610.000 0.0
 GR 2156.400 692.000 2159.700 708.000 2160.000 725.000 2165.000 2165.000 779.000 0.0 0.0 0.0
 NC 0.060 0.060 0.045 0.100 0.500 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 ET 0.0 0.0 0.0 0.0 0.0 0.0 8.100 8.100 380.000 480.000 0.0 0.0

X1 0.220 0.0 0.0 0.0 5.000 5.000 5.000 5.000 5.000 5.000 0.0 0.0
 BT 29.000 0.0 0.0 0.0 110.000 110.000 2153.800 2153.800 300.000 2153.200 0.0 0.0
 BT 309.000 2153.300 0.0 401.000 2154.100 401.000 2154.100 2151.500 411.000 2151.500 411.000 0.0
 BT 2154.200 2151.700 411.000 2154.200 412.000 2154.200 412.000 412.000 412.000 2154.200 2154.200 0.0
 BT 2151.700 424.000 2154.300 2151.800 424.000 2154.300 429.000 2154.300 429.000 2154.300 430.000 0.0
 BT 425.000 2154.300 2151.900 429.000 2154.400 434.000 2154.400 2154.400 434.000 2154.400 2154.400 0.0
 BT 2154.400 0.0 430.000 2154.600 435.000 2154.600 435.000 2152.000 446.000 2154.500 2154.500 0.0
 BT 0.0 435.000 2154.500 514.000 2155.800 610.000 2157.600 2152.100 446.000 2152.100 2152.100 0.0
 BT 446.000 2154.500 0.0 0.0 0.0 610.000 2157.600 0.0 0.0 708.000 708.000 0.0

THIS RUN EXECUTED

HEC2 RELEASE DATED NOV 76 UPDATED FEB 5:13
ERROR CORR - 01
MODIFICATION - 50,51,52

T1	TRANSYLVANIA CO. N.C.	1
T2	100 YEAR FLOODWAY	176
T3	PATTERSON CREEK	3

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	7.	0.	0.	0.0	0.	0.	0.2152.810	0.	
J2	NPROF	I PLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	15.	0.	-1.	0.	0.	0.0	0.0	0.	0.	15. 0

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 5:19
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

PATERSON CREEK 3-3-77

SUMMARY PRINTOUT

SECD0	Q	CWSEL	DIFWSP	PERENC	TOPWID	STENCL	STENCR	WSELK	DIFXWS
0.220	850.00	2151.81	0.0	0.0	241.58	0.0	0.0	2151.81	0.0
0.220	850.00	2152.81	1.00	100.00	100.00	380.00	480.00	2151.81	1.00
0.220	850.00	2151.86	0.0	0.0	45.00	0.0	0.0	0.0	0.0
0.220	850.00	2152.84	0.98	100.00	66.00	380.00	480.00	2151.86	0.98
0.220	850.00	2151.74	0.0	0.0	236.38	0.0	0.0	0.0	0.0
0.220	850.00	2152.70	0.96	100.00	100.00	380.00	480.00	2151.74	0.96
0.220	850.00	2151.89	0.0	0.0	248.28	0.0	0.0	0.0	0.0
0.220	850.00	2152.91	1.02	100.00	100.00	380.00	480.00	2151.89	1.02
0.220	850.00	2152.23	0.0	0.0	289.28	0.0	0.0	0.0	0.0
0.220	850.00	2153.25	1.02	100.00	100.00	380.00	480.00	2152.23	1.02
0.240	850.00	2152.25	0.0	0.0	303.71	0.0	0.0	0.0	0.0
0.240	850.00	2153.26	1.01	100.00	100.00	405.00	505.00	2152.25	1.01
0.240	850.00	2152.21	0.0	0.0	36.00	0.0	0.0	0.0	0.0
0.240	850.00	2153.25	1.04	100.00	71.00	405.00	505.00	2152.21	1.04
0.240	850.00	2153.35	0.0	0.0	338.88	0.0	0.0	0.0	0.0
0.240	850.00	2154.36	1.02	100.00	100.00	405.00	505.00	2153.35	1.02
0.240	850.00	2153.37	0.0	0.0	509.80	0.0	0.0	0.0	0.0
0.240	850.00	2154.37	1.00	100.00	100.00	565.00	665.00	2153.37	1.00
0.300	825.00	2153.40	0.0	0.0	206.42	0.0	0.0	0.0	0.0
0.300	825.00	2154.44	1.04	100.00	100.00	565.00	665.00	2153.40	1.04
*	0.440	825.00	2157.24	0.0	0.0	218.17	0.0	0.0	0.0
*	0.440	825.00	2157.05	-0.19	60.00	60.00	460.00	520.00	2157.24
*	0.470	773.00	2163.15	0.0	0.0	214.21	0.0	0.0	0.0
*	0.470	773.00	2162.97	-0.18	60.00	60.00	460.00	520.00	2163.15
0.670	715.00	2174.23	0.0	0.0	28.31	0.0	0.0	0.0	0.0
0.670	715.00	2174.75	0.52	80.00	29.92	440.00	520.00	2174.23	0.52

SECNO	Q	CHSEL	DIFWSP	PERENC	TOPHD	STENCL	STENCR	WSELK	DIFKWS
0.670	715.00	2174.93	0.0	0.0	30.45	0.0	0.0	0.0	0.0
0.670	715.00	2175.22	0.29	80.00	31.35	440.00	520.00	2174.93	0.29
0.670	715.00	2174.93	0.0	0.0	30.45	0.0	0.0	0.0	0.0
0.670	715.00	2175.22	0.29	80.00	31.34	440.00	520.00	2174.93	0.29
0.670	715.00	2175.01	0.0	0.0	30.68	0.0	0.0	0.0	0.0
0.670	715.00	2175.28	0.27	80.00	31.52	440.00	520.00	2175.01	0.27
*	0.950	480.00	2200.28	0.0	0.0	17.66	0.0	0.0	0.0
*	0.950	480.00	2200.27	-0.02	60.00	17.62	200.00	260.00	2200.28

SUMMARY OF ERRORS

CAUTION	SECNO=	0.440	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.440	PROFILE=	1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.440	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.440	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.440	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.470	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.470	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.470	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.470	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.470	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.470	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.950	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.950	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.950	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.950	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.950	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.950	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL

THIS RUN EXECUTED

08/2

1514

HEC2 RELEASE DATED NOV 76 UPDATED FEB 6:29

ERROR CORR - 01

MODIFICATION - 50,51,52

T1	TRANSYLVANIA CO. N.C.	185
T2	500-YR. FLOOD 11-18-76	186
T3	PATTERSON CREEK	187

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.00095	0.	0.	0.2151	0.000	0.

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0. 189

THIS RUN EXECUTED

08/2

15:4

HEC2 RELEASE DATED NOV 76 UPDATED FEB 6:24
ERROR CORR - 01
MODIFICATION - 50,51,52

T1	TRANSYLVANIA CO. N.C.	180
T2	100-YR. FLOOD 11-18-76	181
T3	PATTERSON CREEK	182

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.00095	0.	0.	0.2150.000	0.	

J2	NPROF	IPLUT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0. 184

THIS RUN EXECUTED

08/2

15:4

HEC2 RELEASE DATED NOV 76 UPDATED FEB 6:21
ERROR CORR - 01
MODIFICATION - 50,51,52

T1 TRANSYLVANIA CC. N.C. 175
T2 50-YEAR FLOOD 11-18-76 176
T3 PATTERSON CREEK 177

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
0. 3. 0. 0. 0.00095 0. 0. 0.2149.000 0.

J2 NPRGF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
2. 0. -1. 0. 0. 0.0 0.0 0. 0. 0. 179

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 6:10
 ERRCK CORR - 01
 MODIFICATION - 50,51,52

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
T1	TRANSLYVANIA CO. N.C.										1
T2	10-YEAR FLOOD 11-8-76										2
T3	PATTERSON CREEK										3
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
NC	0.060	0.060	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	10
QT	6.000	400.000	650.000	850.000	1260.000	850.000	850.000	0.0	0.0	0.0	11
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	380.000	480.000	12
X1	0.220	15.000	409.000	446.000	0.0	0.0	0.0	0.0	0.0	0.0	13
G	2155.600	0.0	2153.400	110.000	2153.000	210.000	2151.000	309.000	2151.200	409.000	15
GR	2144.100	420.000	2142.600	429.000	2144.000	435.000	2149.500	446.000	2151.900	513.000	16
GR	2153.200	610.000	2156.400	692.000	2159.700	707.000	2159.900	725.000	2165.000	780.000	17
NC	0.060	0.060	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	20
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	380.000	480.000	21
X1	0.220	24.000	401.000	446.000	50.000	50.000	50.000	0.0	0.0	0.0	22
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2152.200	2154.500	0.0	23
GR	2155.600	0.0	2153.400	110.000	2153.000	210.000	2151.200	300.000	2151.000	309.000	24
GR	2151.100	401.000	2147.900	401.000	2146.900	411.000	2146.800	412.000	2144.900	424.000	25
GR	2143.500	425.000	2142.700	428.000	2142.800	429.000	2143.000	430.000	2143.900	434.000	26
GR	2144.000	435.000	2146.000	446.000	2149.500	446.000	2151.900	514.000	2153.200	610.000	27
GR	2156.400	692.000	2159.700	708.000	2160.000	725.000	2165.000	779.000	0.0	0.0	28
NC	0.060	0.060	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	30
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	380.000	480.000	31
X1	0.220	0.0	0.0	0.0	5.000	5.000	5.000	0.0	0.0	0.0	32
BT	29.000	0.0	2155.600	0.0	110.000	2153.800	0.0	300.000	2153.200	0.0	0
BT	309.000	2153.300	0.0	401.000	2154.100	0.0	401.000	2154.100	2151.500	411.000	0
BT	2154.200	2151.700	411.000	2154.200	0.0	412.000	2151.200	0.0	412.000	2154.200	0
BT	2151.700	424.000	2154.300	2151.800	424.000	2154.300	0.0	425.000	2154.300	0.0	0
BT	425.000	2154.300	2151.900	429.000	2154.400	2151.900	429.000	2154.400	0.0	430.000	0
BT	2154.400	0.0	430.000	2154.400	2151.900	434.000	2154.400	2152.000	434.000	2154.400	0
BT	0.0	435.000	2154.500	0.0	435.000	2154.500	2152.000	446.000	2154.500	2152.100	0
BT	446.000	2154.500	0.0	514.000	2155.800	0.0	610.000	2157.600	0.0	708.000	0
BT	2159.700	0.0	725.000	2160.000	0.0	779.000	2165.000	0.0	0.0	0.0	0
NC	0.060	0.060	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0	45
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.100	380.000	480.000	46
X1	0.220	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0	47
X2	0.0	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0	48

THIS RUN EXECUTED

08/2

15:4

HEC2 RELEASE DATED NOV 76 UPDATED FEB 6:37

ERRCR CORR - 01

MODIFICATION - 50,51,52

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

PATTERSON CREEK

SUMMARY PRINTOUT TABLE 150

SECCO	XLCH	ELTRD	ELLC	ELMIN	O	CHSEL	CRWS	FG	IOK*S	VCH	AREA	.01K
0.220	0.0	0.0	0.0	2142.60	400.00	2149.76	0.0	2149.86	9.51	2.59	155.20	129.69
0.220	0.0	0.0	0.0	2142.60	650.00	2151.19	0.0	2151.33	9.61	3.02	255.81	209.63
0.220	0.0	0.0	0.0	2142.60	850.00	2151.81	0.0	2151.95	9.58	3.23	389.42	274.68
0.220	0.0	0.0	0.0	2142.60	1260.00	2152.61	0.0	2152.75	9.64	3.51	619.16	405.86
0.220	50.00	0.0	0.0	2142.70	400.00	2149.84	0.0	2149.90	6.06	2.00	199.88	162.42
0.220	50.00	0.0	0.0	2142.70	650.00	2151.28	0.0	2151.37	6.53	2.46	264.49	254.37
0.220	50.00	0.0	0.0	2142.70	850.00	2151.86	0.0	2151.99	8.29	2.93	290.48	295.26
0.220	50.00	0.0	0.0	2142.70	1260.00	2152.65	0.0	2152.79	8.68	3.27	541.10	427.59
0.220	5.00	2153.20	2152.10	2142.70	400.00	2149.78	0.0	2149.97	39.79	3.52	113.63	63.41
0.220	5.00	2153.20	2152.10	2142.70	650.00	2151.19	0.0	2151.47	40.25	4.25	153.06	102.46
0.220	5.00	2153.20	2152.10	2142.70	850.00	2151.73	2148.73	2152.14	64.84	5.09	166.98	105.56
0.220	5.00	2153.20	2152.10	2142.70	1260.00	2152.31	2149.66	2153.16	226.30	7.39	170.55	83.76
0.220	20.00	2153.20	2152.10	2142.70	400.00	2149.87	0.0	2150.05	37.18	3.45	116.04	65.60
0.220	20.00	2153.20	2152.10	2142.70	650.00	2151.28	0.0	2151.55	38.16	4.18	155.53	105.23
0.220	20.00	2153.20	2152.10	2142.70	850.00	2151.89	2148.73	2152.28	78.49	5.03	169.06	95.94
0.220	20.00	2153.20	2152.10	2142.70	1260.00	2152.76	2149.66	2153.61	226.30	7.39	170.55	83.76
0.220	5.00	0.0	0.0	2142.60	400.00	2149.97	0.0	2150.07	8.20	2.47	164.98	139.72
0.220	5.00	0.0	0.0	2142.60	650.00	2151.46	0.0	2151.57	7.67	2.78	310.72	234.75
0.220	5.00	0.0	0.0	2142.60	850.00	2152.22	0.0	2152.32	6.38	2.75	499.57	336.46
0.220	5.00	0.0	0.0	2142.60	1260.00	2153.65	0.0	2153.70	3.46	2.31	1067.37	677.81
0.240	25.00	0.0	0.0	2143.10	400.00	2149.99	0.0	2150.09	8.08	2.47	166.05	140.76
0.240	25.00	0.0	0.0	2143.10	650.00	2151.49	0.0	2151.59	7.16	2.72	335.24	242.95
0.240	25.00	0.0	0.0	2143.10	850.00	2152.25	0.0	2152.33	5.86	2.67	531.10	351.02
0.240	25.00	0.0	0.0	2143.10	1260.00	2153.66	0.0	2153.71	3.13	2.22	1129.45	712.06
0.240	20.00	0.0	0.0	2143.10	400.00	2150.01	0.0	2150.10	8.05	2.47	161.90	140.98
0.240	20.00	0.0	0.0	2143.10	650.00	2151.48	0.0	2151.63	8.92	3.03	214.54	217.59
0.240	20.00	0.0	0.0	2143.10	850.00	2152.21	0.0	2152.40	10.61	3.54	240.30	260.93
0.240	20.00	0.0	0.0	2143.10	1260.00	2153.65	0.0	2153.73	4.84	2.76	803.18	572.82
0.240	20.00	2153.40	2152.50	2143.10	400.00	2149.94	0.0	2150.24	56.38	4.44	90.17	53.27
0.240	20.00	2153.40	2152.50	2143.10	650.00	2151.33	0.0	2151.86	79.95	5.85	111.02	72.69
0.240	20.00	2153.40	2152.50	2143.10	850.00	2153.34	0.0	2153.39	2.90	2.08	692.51	499.19
0.240	20.00	2153.40	2152.50	2143.10	1260.00	2154.43	0.0	2154.45	1.52	1.64	1568.90	1021.87

SECMO	XLCH	ELTRG	ELLC	ELMIN	Q	CMSEL	CRHS	EG	10K+S	VCH	AREA	OLK
0.240	10.00	0.0	0.0	2143.10	400.00	2150.19	0.0	2150.28	7.33	2.37	174.20	147.72
0.240	10.00	0.0	0.0	2143.10	650.00	2151.84	0.0	2151.92	5.34	2.41	410.23	281.17
0.240	10.00	0.0	0.0	2143.10	850.00	2153.37	0.0	2153.39	2.03	1.72	948.44	597.02
0.240	10.00	0.0	0.0	2143.10	1260.00	2154.43	0.0	2154.45	1.57	1.65	1548.37	1004.66
0.300	300.00	0.0	0.0	2145.20	385.00	2150.50	0.0	2150.70	24.12	3.57	107.79	78.39
0.300	300.00	0.0	0.0	2145.20	635.00	2152.04	0.0	2152.29	21.93	3.99	161.56	135.59
0.300	300.00	0.0	0.0	2145.20	825.00	2153.40	0.0	2153.62	15.36	3.85	285.89	210.51
0.300	300.00	0.0	0.0	2145.20	1225.00	2154.42	0.0	2154.68	15.87	4.37	541.66	307.55
0.440	1010.00	0.0	0.0	2152.30	385.00	2155.68	2155.66	2156.70	235.74	8.14	49.71	25.08
0.440	1010.00	0.0	0.0	2152.30	635.00	2156.78	2156.78	2157.51	119.87	7.68	158.41	58.00
0.440	1010.00	0.0	0.0	2152.30	825.00	2157.24	2157.24	2157.95	101.23	7.71	252.38	82.00
0.440	1010.00	0.0	0.0	2152.30	1225.00	2157.66	2157.66	2158.56	123.60	9.15	347.24	110.19
0.470	150.00	0.0	0.0	2158.30	365.00	2161.63	2161.63	2162.59	280.61	7.89	48.33	21.79
0.470	150.00	0.0	0.0	2158.30	600.00	2162.70	2162.70	2163.47	148.09	7.55	144.30	49.31
0.470	150.00	0.0	0.0	2158.30	773.00	2163.19	2163.19	2163.84	117.13	7.39	240.09	71.42
0.470	150.00	0.0	0.0	2158.30	1153.00	2163.58	2163.58	2164.43	147.73	8.88	327.58	94.86
0.670	930.00	0.0	0.0	2169.20	335.00	2173.21	0.0	2173.52	60.82	4.50	74.44	42.95
0.670	930.00	0.0	0.0	2169.20	560.00	2173.86	0.0	2174.44	95.14	6.11	91.67	57.41
0.670	930.00	0.0	0.0	2169.20	715.00	2174.16	0.0	2174.96	122.18	7.16	99.92	64.69
0.670	930.00	0.0	0.0	2169.20	1070.00	2175.44	0.0	2176.37	112.51	7.75	137.98	100.83
0.670	50.00	0.0	0.0	2169.20	335.00	2173.54	0.0	2173.79	44.93	4.04	82.97	49.98
0.670	50.00	0.0	0.0	2169.20	560.00	2174.41	0.0	2174.84	61.99	5.23	107.03	71.13
0.670	50.00	0.0	0.0	2169.20	715.00	2174.91	0.0	2175.44	71.07	5.80	121.62	84.81
0.670	50.00	0.0	0.0	2169.20	1070.00	2176.17	0.0	2176.84	72.19	6.59	162.38	125.93
0.670	20.00	2178.10	2176.30	2169.20	335.00	2173.54	0.0	2173.79	45.03	4.04	82.87	49.89
0.670	20.00	2178.10	2176.30	2169.20	560.00	2174.41	0.0	2174.84	61.97	5.23	107.04	71.14
0.670	20.00	2178.10	2176.30	2169.20	715.00	2174.91	0.0	2175.44	71.12	5.88	121.59	84.79
0.670	20.00	2178.10	2176.30	2169.20	1070.00	2178.44	0.0	2178.63	15.22	3.72	521.51	274.29
0.670	10.00	0.0	0.0	2169.20	335.00	2173.58	0.0	2173.83	44.42	4.02	83.30	50.26
0.670	10.00	0.0	0.0	2169.20	560.00	2174.48	0.0	2174.90	60.30	5.18	108.07	72.12
0.670	10.00	0.0	0.0	2169.20	715.00	2174.99	0.0	2175.51	68.54	5.80	123.20	86.36
0.670	10.00	0.0	0.0	2169.20	1070.00	2178.46	0.0	2178.64	15.11	3.71	525.30	275.29
0.950	1490.00	0.0	0.0	2195.60	220.00	2198.80	2198.80	2199.83	346.87	8.13	27.06	11.81
0.950	1490.00	0.0	0.0	2195.60	360.00	2199.66	2199.66	2200.94	328.74	9.06	39.72	19.86
0.950	1490.00	0.0	0.0	2195.60	480.00	2200.27	2200.27	2201.71	317.33	9.63	49.85	26.95
0.950	1490.00	0.0	0.0	2195.60	700.00	2201.91	2201.91	2202.62	125.44	7.28	143.64	62.50

PATTERSON CRFEK

SUMMARY PRINTOUT TABLE 150

SECD	Q	CHSEL	DIFHSP	DIFMSX	DIFKWS	TOPWID	XLCH
0.220	400.00	2149.76	0.0	0.0	1.76	41.94	0.0
0.220	650.00	2151.19	1.43	0.0	2.19	189.64	0.0
0.220	850.00	2151.81	0.61	0.0	1.81	241.29	0.0
0.220	1260.00	2152.61	0.80	0.0	1.61	336.31	0.0
0.220	400.00	2149.84	0.0	0.08	0.0	45.00	50.70
0.220	650.00	2151.28	1.44	0.08	0.0	45.00	50.00
0.220	850.00	2151.86	0.58	0.05	0.0	45.00	50.00
0.220	1260.00	2152.65	0.79	0.05	0.0	218.74	50.00
0.220	400.00	2149.78	0.0	-0.06	0.0	52.97	5.00
0.220	650.00	2151.19	1.41	-0.09	0.0	193.41	5.00
0.220	850.00	2151.73	0.54	-0.13	0.0	236.14	5.00
0.220	1260.00	2152.31	0.58	-0.34	0.0	300.00	5.00
0.220	400.00	2149.87	0.0	0.09	0.0	55.41	20.00
0.220	650.00	2151.28	1.41	0.09	0.0	200.27	20.00
0.220	850.00	2151.89	0.61	0.15	0.0	247.97	20.00
0.220	1260.00	2152.76	0.88	0.45	0.0	356.02	20.00
0.220	400.00	2149.97	0.0	0.11	0.0	48.32	5.00
0.220	650.00	2151.46	1.49	0.18	0.0	214.55	5.00
0.220	850.00	2152.22	0.76	0.33	0.0	288.82	5.00
0.220	1260.00	2153.65	1.43	0.88	0.0	523.87	5.00
0.240	400.00	2149.99	0.0	0.02	0.0	50.35	25.00
0.240	650.00	2151.49	1.49	0.03	0.0	221.02	25.00
0.240	850.00	2152.25	0.76	0.02	0.0	303.27	25.00
0.240	1260.00	2153.66	1.42	0.01	0.0	539.93	25.00
0.240	400.00	2150.01	0.0	0.02	0.0	34.53	20.00
0.240	650.00	2151.48	1.47	-0.00	0.0	36.00	20.00
0.240	850.00	2152.21	0.72	-0.04	0.0	36.00	20.00
0.240	1260.00	2153.65	1.44	-0.01	0.0	358.52	20.00
0.240	400.00	2149.94	0.0	-0.07	0.0	34.43	20.00
0.240	650.00	2151.33	1.39	-0.15	0.0	36.00	20.00
0.240	850.00	2153.34	2.01	1.13	0.0	338.68	20.00
0.240	1260.00	2154.43	1.03	0.78	0.0	610.82	20.00
0.240	400.00	2150.19	0.0	0.26	0.0	54.50	10.00
0.240	650.00	2151.84	1.65	0.51	0.0	250.51	10.00
0.240	850.00	2153.37	1.52	0.02	0.0	509.49	10.00
0.240	1260.00	2154.43	1.06	0.00	0.0	609.63	10.00
0.300	385.00	2150.50	0.0	0.31	0.0	30.48	300.00
0.300	635.00	2152.04	1.54	0.20	0.0	47.27	300.00
0.300	825.00	2153.40	1.36	0.03	0.0	206.20	300.00
0.300	1225.00	2154.42	1.02	-0.01	0.0	307.69	300.00
0.440	385.00	2155.68	0.0	5.18	0.0	33.49	1010.00
0.440	635.00	2156.78	1.10	4.74	0.0	174.13	1010.00
0.440	825.00	2157.24	0.46	3.85	0.0	218.19	1010.00
0.440	1225.00	2157.66	0.42	3.25	0.0	235.20	1010.00

SECNO	Q	CMSEL	DIFWSP	DIFMSX	DIFKWS	TOPMID	XLCH
0.470	365.00	2161.63	0.0	5.95	0.0	31.41	150.00
0.470	600.00	2162.70	1.07	5.92	0.0	161.03	150.00
0.470	773.00	2163.19	0.49	5.94	0.0	215.89	150.00
0.470	1153.00	2163.90	0.39	5.92	0.0	231.77	150.00
0.670	335.00	2173.21	0.0	11.58	0.0	25.12	930.00
0.670	560.00	2173.86	0.66	11.17	0.0	27.16	930.00
0.670	715.00	2174.16	0.30	10.98	0.0	28.09	930.00
0.670	1070.00	2175.44	1.27	11.86	0.0	32.01	930.00
0.670	335.00	2173.54	0.0	0.33	0.0	26.15	50.00
0.670	560.00	2174.41	0.88	0.55	0.0	28.86	50.00
0.670	715.00	2174.91	0.59	0.00	0.0	30.38	50.00
0.670	1070.00	2178.44	3.54	2.28	0.0	286.33	20.00
0.670	335.00	2173.58	0.0	0.05	0.0	26.28	10.00
0.670	560.00	2174.48	0.90	0.07	0.0	29.05	10.00
0.670	715.00	2174.99	0.51	0.08	0.0	30.62	10.00
0.670	1070.00	2178.46	3.47	0.02	0.0	287.63	10.00
0.950	220.00	2198.80	0.0	25.22	0.0	13.43	1490.00
0.950	360.00	2199.66	0.86	25.18	0.0	15.90	1490.00
0.950	480.00	2200.27	0.60	25.28	0.0	17.62	1490.00
0.950	700.00	2201.91	1.64	23.45	0.0	131.57	1490.00

SUMMARY OF ERRORS

- * CAUTION SECNO= 0.440 PROFILE= 2 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.440 PROFILE= 2 MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.440 PROFILE= 3 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.440 PROFILE= 3 MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.440 PROFILE= 4 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.440 PROFILE= 4 MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.470 PROFILE= 1 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.470 PROFILE= 1 MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.470 PROFILE= 2 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.470 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.470 PROFILE= 3 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.470 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.470 PROFILE= 4 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.470 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.470 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL
- * CAUTION SECNO= 0.950 PROFILE= 1 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.950 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.950 PROFILE= 2 CRITICAL DEPTH ASSUMED
- * CAUTION SECNO= 0.950 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- * CAUTION SECNO= 0.950 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL