

WASH

CREEK

THIS RUN EXECUTED 0

HEC2 RELEASE DATED NOV 76 UPDATED FEB1978
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53,54

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

WASH CREEK

SUMMARY PRINTOUT TABLE 150

SECTO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*5
0.020	0.	0.0	0.0	2079.6	525.0	2085.32	0.0	2085.48	19.66
0.020	0.	0.0	0.0	2079.6	910.0	2087.14	0.0	2087.36	19.83
0.020	0.	0.0	0.0	2079.6	1125.0	2087.96	0.0	2088.21	20.00
0.020	0.	0.0	0.0	2079.6	1450.0	2088.94	0.0	2089.23	20.23
0.020	40.	0.0	0.0	2079.6	525.0	2085.41	0.0	2085.56	18.64
0.020	40.	0.0	0.0	2079.6	910.0	2087.23	0.0	2087.44	19.02
0.020	40.	0.0	0.0	2079.6	1125.0	2088.05	0.0	2088.29	19.24
0.020	40.	0.0	0.0	2079.6	1450.0	2089.03	0.0	2089.31	19.15
0.060	250.	2083.2	2085.5	2079.4	515.0	2088.81	0.0	2089.32	109.00
0.060	250.	2083.2	2085.5	2079.4	900.0	2089.53	2089.52	2090.09	120.75
0.060	250.	2083.2	2085.5	2079.4	1115.0	2089.78	0.0	2090.32	120.85
0.060	250.	2088.2	2085.5	2079.4	1445.0	2090.08	0.0	2090.62	125.42
0.060	10.	0.0	0.0	2079.4	515.0	2089.26	0.0	2089.40	21.32
0.060	10.	0.0	0.0	2079.4	900.0	2089.92	0.0	2090.18	39.68
0.060	10.	0.0	0.0	2079.4	1115.0	2090.06	0.0	2090.42	54.46
0.060	10.	0.0	0.0	2079.4	1445.0	2090.19	0.0	2090.72	81.59
0.110	210.	0.0	0.0	2082.9	510.0	2089.61	0.0	2089.76	14.05
0.110	210.	0.0	0.0	2082.9	895.0	2090.52	0.0	2090.81	22.29
0.110	210.	0.0	0.0	2082.9	1105.0	2090.84	0.0	2091.20	27.01
0.110	210.	0.0	0.0	2082.9	1435.0	2091.28	0.0	2091.76	33.13
0.110	40.	0.0	0.0	2082.9	510.0	2089.68	0.0	2089.82	13.23
0.110	40.	0.0	0.0	2082.9	895.0	2090.62	0.0	2090.89	20.72
0.110	40.	0.0	0.0	2082.9	1105.0	2090.97	0.0	2091.31	24.55
0.110	40.	0.0	0.0	2082.9	1435.0	2091.45	0.0	2091.89	29.11
0.110	30.	2090.9	2089.9	2082.9	510.0	2089.71	0.0	2089.85	12.95
0.110	30.	2090.9	2089.9	2082.9	895.0	2091.17	0.0	2091.37	13.84
0.110	30.	2090.9	2089.9	2082.9	1105.0	2091.63	0.0	2091.86	15.27
0.110	30.	2090.9	2089.9	2082.9	1435.0	2092.15	0.0	2092.45	18.11
0.110	10.	0.0	0.0	2082.9	510.0	2089.73	0.0	2089.87	12.83
0.110	10.	0.0	0.0	2082.9	895.0	2091.19	0.0	2091.39	13.68
0.110	10.	0.0	0.0	2082.9	1105.0	2091.65	0.0	2091.83	15.08
0.110	10.	0.0	0.0	2082.9	1435.0	2092.18	0.0	2092.47	17.86

H06

SECNO	KLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	PRIMS	EG	10K+5
0.250	630.	0.0	0.0	2085.0	490.0	2090.92	0.0	2091.45	40.87
0.250	630.	0.0	0.0	2085.0	870.0	2092.45	0.0	2072.98	44.47
0.250	630.	0.0	0.0	2085.0	1690.0	2092.98	0.0	2093.63	47.28
0.250	630.	0.0	0.0	2085.0	1400.0	2093.69	0.0	2094.44	49.15
0.250	40.	0.0	0.0	2085.0	490.0	2091.11	0.0	2091.45	35.80
0.250	40.	0.0	0.0	2085.0	870.0	2092.66	0.0	2093.15	37.81
0.250	40.	0.0	0.0	2085.0	1090.0	2093.25	0.0	2093.82	39.65
0.250	40.	0.0	0.0	2085.0	1400.0	2093.99	0.0	2094.63	40.52
0.250	30.	2093.8	2090.0	2085.0	490.0	2092.05	0.0	2092.26	18.48
0.250	30.	2093.8	2090.0	2085.0	870.0	2094.39	0.0	2094.52	8.84
0.250	30.	2093.8	2090.0	2085.0	1090.0	2094.68	0.0	2094.83	10.70
0.250	30.	2093.8	2090.0	2085.0	1400.0	2094.99	0.0	2095.18	13.46
0.250	10.	0.0	0.0	2085.0	490.0	2092.07	0.0	2092.28	18.16
0.250	10.	0.0	0.0	2085.0	870.0	2094.41	0.0	2094.53	8.71
0.250	10.	0.0	0.0	2085.0	1090.0	2094.70	0.0	2094.84	10.52
0.250	10.	0.0	0.0	2085.0	1400.0	2095.01	0.0	2095.19	13.16
0.400	760.	0.0	0.0	2088.9	460.0	2094.06	0.0	2094.44	47.51
0.400	760.	0.0	0.0	2088.9	855.0	2095.53	0.0	2096.17	60.59
0.400	760.	0.0	0.0	2088.9	1060.0	2096.01	0.0	2096.81	70.12
0.400	760.	0.0	0.0	2088.9	1360.0	2096.30	0.0	2097.64	82.49
0.400	40.	0.0	0.0	2088.9	460.0	2094.28	0.0	2094.62	40.10
0.400	40.	0.0	0.0	2088.9	855.0	2095.84	0.0	2095.40	50.59
0.400	40.	0.0	0.0	2088.9	1060.0	2096.39	0.0	2097.07	56.75
0.400	40.	0.0	0.0	2088.9	1360.0	2097.08	0.0	2097.94	62.29
0.500	30.	2097.0	2094.3	2088.9	460.0	2094.98	0.0	2095.21	30.66
0.400	30.	2097.0	2094.3	2088.9	855.0	2097.95	0.0	2098.19	18.63
0.400	30.	2097.0	2094.3	2088.9	1060.0	2098.25	0.0	2098.56	23.28
0.400	30.	2097.0	2094.3	2088.9	1360.0	2098.53	0.0	2098.94	30.57
0.400	10.	0.0	0.0	2089.2	460.0	2094.94	0.0	2095.34	74.70
0.400	10.	0.0	0.0	2089.2	855.0	2098.04	0.0	2098.21	17.99
0.400	10.	0.0	0.0	2089.2	1060.0	2098.40	0.0	2098.59	19.39
0.400	10.	0.0	0.0	2089.2	1360.0	2098.75	0.0	2098.98	22.75
0.500	470.	0.0	0.0	2091.5	450.0	2096.82	0.0	2097.08	21.32
0.500	470.	0.0	0.0	2091.5	845.0	2098.77	0.0	2099.04	15.11
0.500	470.	0.0	0.0	2091.5	1050.0	2099.20	0.0	2099.51	12.07
0.500	470.	0.0	0.0	2091.5	1340.0	2099.68	0.0	2100.06	19.73
0.500	40.	0.0	0.0	2092.2	450.0	2094.86	0.0	2097.26	40.77
0.500	40.	0.0	0.0	2092.2	845.0	2098.78	0.0	2099.18	25.54
0.500	40.	0.0	0.0	2092.2	1050.0	2099.20	0.0	2099.69	28.88
0.500	40.	0.0	0.0	2092.2	1340.0	2099.67	0.0	2100.27	32.67
0.500	30.	2099.0	2099.2	2092.2	450.0	2096.95	0.0	2097.33	37.20
0.500	30.	2099.0	2099.2	2092.2	845.0	2099.71	0.0	2099.94	12.63
0.500	30.	2099.0	2099.2	2092.2	1050.0	2100.08	0.0	2100.36	14.90
0.500	30.	2099.0	2099.2	2092.2	1340.0	2100.38	0.0	2100.77	19.59

SEMI	ALCH	ELTRD	ELLC	ELMIN	Q	CWSEL	FRTWS	EG	10K*5
0.500	20.	0.0	0.0	2092.2	450.0	2096.90	0.0	2097.63	128.50
0.500	20.	0.0	0.0	2092.2	845.0	2099.59	0.0	2100.16	61.92
0.500	20.	0.0	0.0	2092.2	1050.0	2099.91	0.0	2100.65	77.30
0.500	20.	0.0	0.0	2092.2	1340.0	2100.11	0.0	2101.19	110.10
0.590	170.	0.0	0.0	2092.8	445.0	2099.41	0.0	2099.66	29.05
0.580	170.	0.0	0.0	2092.8	830.0	2101.36	0.0	2101.64	26.76
0.580	170.	0.0	0.0	2092.8	1040.0	2101.95	0.0	2102.23	25.64
0.580	170.	0.0	0.0	2092.8	1320.0	2102.64	0.0	2102.89	23.17
0.640	320.	0.0	0.0	2095.8	440.0	2100.79	0.0	2101.37	96.30
0.660	320.	0.0	0.0	2095.8	795.0	2102.52	0.0	2103.26	85.65
0.660	320.	0.0	0.0	2095.8	970.0	2103.04	0.0	2103.86	89.39
0.660	320.	0.0	0.0	2095.8	1240.0	2103.60	0.0	2104.59	101.34
0.660	40.	0.0	0.0	2096.8	440.0	2101.17	0.0	2101.92	143.41
0.660	40.	0.0	0.0	2096.8	795.0	2102.83	0.0	2103.79	131.16
0.660	40.	0.0	0.0	2096.8	970.0	2103.33	0.0	2104.46	141.51
0.660	40.	0.0	0.0	2096.8	1240.0	2103.88	0.0	2105.33	166.97
0.660	30.	2104.9	2103.0	2096.8	440.0	2101.18	0.0	2101.93	147.38
0.640	30.	2104.8	2103.0	2096.8	795.0	2102.83	0.0	2103.80	133.27
0.660	30.	2104.8	2103.0	2096.8	970.0	2103.78	0.0	2104.71	109.58
0.660	30.	2104.8	2103.0	2096.8	1240.0	2105.06	0.0	2105.98	87.49
0.660	10.	0.0	0.0	2096.8	440.0	2101.43	0.0	2102.08	117.12
0.660	10.	0.0	0.0	2096.8	795.0	2103.07	0.0	2103.94	113.72
0.660	10.	0.0	0.0	2096.8	970.0	2103.96	0.0	2104.82	99.11
0.660	10.	0.0	0.0	2096.8	1240.0	2105.19	0.0	2106.07	81.53
0.770	470.	0.0	0.0	2100.4	420.0	2105.24	0.0	2105.55	49.13
0.770	470.	0.0	0.0	2100.4	745.0	2106.88	0.0	2107.28	46.46
0.770	470.	0.0	0.0	2100.4	905.0	2107.50	0.0	2107.95	45.57
0.770	470.	0.0	0.0	2100.4	1160.0	2108.36	0.0	2108.87	43.72
0.770	40.	0.0	0.0	2100.4	420.0	2105.46	0.0	2105.73	41.17
0.770	40.	0.0	0.0	2100.4	745.0	2107.10	0.0	2107.46	40.23
0.770	40.	0.0	0.0	2100.4	905.0	2107.72	0.0	2108.12	39.92
0.770	40.	0.0	0.0	2100.4	1160.0	2108.56	0.0	2109.04	38.45
0.770	30.	2109.7	2107.1	2100.4	420.0	2105.50	0.0	2105.76	39.88
0.770	30.	2109.7	2107.1	2100.4	745.0	2107.68	0.0	2107.96	27.60
0.770	30.	2109.7	2107.1	2100.4	905.0	2108.73	0.0	2109.00	21.19
0.770	30.	2109.7	2107.1	2100.4	1160.0	2110.17	0.0	2110.43	15.80
0.770	10.	0.0	0.0	2100.4	420.0	2105.55	0.0	2105.80	38.63
0.770	10.	0.0	0.0	2100.4	745.0	2107.72	0.0	2107.99	27.05
0.770	10.	0.0	0.0	2100.4	905.0	2108.75	0.0	2109.02	20.82
0.770	10.	0.0	0.0	2100.4	1160.0	2110.18	0.0	2110.44	15.59
0.820	280.	0.0	0.0	2101.0	400.0	2106.70	0.0	2107.01	46.48
0.820	280.	0.0	0.0	2101.0	720.0	2108.57	0.0	2109.00	42.52
0.820	280.	0.0	0.0	2101.0	875.0	2109.42	0.0	2109.87	36.86
0.820	280.	0.0	0.0	2101.0	1125.0	2110.68	0.0	2111.12	29.67

SECRNO	ALCH	ELTRD	ELLC	ELMIN	Q	CANSEL	CRTRF	EG	10K*5
0.330	40.	0.0	0.0	2102.5	400.0	2106.80	0.0	2107.52	145.78
0.830	40.	0.0	0.0	2102.5	720.0	2108.64	0.0	2109.45	111.01
0.830	40.	0.0	0.0	2102.5	875.0	2109.46	0.0	2110.28	96.11
0.830	40.	0.0	0.0	2102.5	1125.0	2110.66	0.0	2111.48	71.32
0.830	30.	2114.8	2110.1	2102.5	400.0	2107.05	0.0	2107.53	90.99
0.830	30.	2114.8	2110.1	2102.5	720.0	2108.88	0.0	2109.45	73.32
0.830	30.	2114.8	2110.1	2102.5	875.0	2110.28	0.0	2110.73	41.61
0.830	30.	2114.8	2110.1	2102.5	1125.0	2112.41	0.0	2112.77	21.64
0.830	40.	0.0	0.0	2103.2	400.0	2107.48	0.0	2108.06	167.07
0.830	40.	0.0	0.0	2103.2	720.0	2109.22	0.0	2109.90	134.28
0.830	40.	0.0	0.0	2103.2	875.0	2110.45	0.0	2111.02	84.95
0.830	40.	0.0	0.0	2103.2	1125.0	2112.49	0.0	2112.93	42.25
0.900	260.	0.0	0.0	2105.5	400.0	2110.64	0.0	2110.98	79.36
0.900	260.	0.0	0.0	2105.5	720.0	2112.19	0.0	2112.68	86.27
0.900	260.	0.0	0.0	2105.5	875.0	2112.70	0.0	2113.28	88.32
0.900	260.	0.0	0.0	2105.5	1125.0	2113.81	0.0	2114.43	72.00
1.000	330.	0.0	0.0	2109.3	360.0	2115.00	0.0	2115.34	85.61
1.000	330.	0.0	0.0	2109.3	650.0	2116.70	0.0	2117.16	82.64
1.000	330.	0.0	0.0	2109.3	800.0	2117.30	0.0	2117.84	83.62
1.000	330.	0.0	0.0	2109.3	1020.0	2117.96	0.0	2118.63	87.58
1.050	280.	0.0	0.0	2111.2	350.0	2116.51	0.0	2116.63	27.48
1.050	280.	0.0	0.0	2111.2	625.0	2118.10	0.0	2118.25	21.13
1.050	280.	0.0	0.0	2111.2	780.0	2118.75	0.0	2118.91	20.58
1.050	280.	0.0	0.0	2111.2	980.0	2119.53	0.0	2119.71	19.59
1.060	50.	0.0	0.0	2111.6	350.0	2116.60	0.0	2117.01	102.11
1.060	50.	0.0	0.0	2111.6	625.0	2118.07	0.0	2118.70	117.29
1.060	50.	0.0	0.0	2111.6	780.0	2118.66	0.0	2119.27	112.75
1.060	50.	0.0	0.0	2111.6	980.0	2119.38	0.0	2120.27	132.96
1.070	40.	0.0	0.0	2114.7	350.0	2118.10	0.0	2118.33	545.76
1.070	40.	0.0	0.0	2114.7	620.0	2119.30	0.0	2119.95	521.67
1.070	40.	0.0	0.0	2114.7	760.0	2119.85	0.0	2121.65	512.45
1.070	40.	0.0	0.0	2114.7	970.0	2120.54	0.0	2122.58	499.35
1.070	5.	2129.3	2127.4	2114.7	350.0	2118.84	0.0	2119.56	257.33
1.070	5.	2129.3	2127.4	2114.7	620.0	2120.15	0.0	2121.19	275.00
1.070	5.	2129.3	2127.4	2114.7	760.0	2120.71	0.0	2121.90	282.90
1.070	5.	2129.3	2127.4	2114.7	970.0	2121.46	0.0	2122.83	287.71
1.070	30.	2129.3	2127.4	2114.7	350.0	2119.68	0.0	2120.11	124.21
1.070	30.	2129.3	2127.4	2114.7	620.0	2121.17	0.0	2121.81	134.99
1.070	30.	2129.3	2127.4	2114.7	760.0	2121.81	0.0	2122.53	144.71
1.070	30.	2129.3	2127.4	2114.7	970.0	2122.64	0.0	2123.49	151.81
1.070	5.	0.0	0.0	2114.7	350.0	2119.77	0.0	2120.17	113.27
1.070	5.	0.0	0.0	2114.7	620.0	2121.29	0.0	2121.83	126.90
1.070	5.	0.0	0.0	2114.7	760.0	2121.94	0.0	2122.61	130.05
1.070	5.	0.0	0.0	2114.7	970.0	2122.79	0.0	2123.57	135.20

K06

SEGRNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	PRTMS	EG	10KMS
1.420	10.	0.0	0.0	2114.7	350.0	2119.91	0.0	2120.28	101.93
1.070	10.	0.0	0.0	2114.7	620.0	2121.46	0.0	2122.00	114.08
1.070	10.	0.0	0.0	2114.7	720.0	2122.12	0.0	2122.74	118.21
1.070	10.	0.0	0.0	2114.7	970.0	2122.98	0.0	2123.71	123.33
1.170	490.	0.0	0.0	2118.7	340.0	2124.26	0.0	2124.55	74.65
1.170	490.	0.0	0.0	2118.7	400.0	2126.10	0.0	2126.49	74.29
1.170	490.	0.0	0.0	2118.7	740.0	2126.89	0.0	2127.33	75.27
1.170	490.	0.0	0.0	2118.7	950.0	2127.92	0.0	2128.42	76.24
1.270	490.	0.0	0.0	2124.0	300.0	2128.50	0.0	2128.80	104.35
1.270	490.	0.0	0.0	2124.0	550.0	2130.11	0.0	2130.48	90.50
1.270	490.	0.0	0.0	2124.0	650.0	2130.69	0.0	2131.08	97.69
1.270	490.	0.0	0.0	2124.0	850.0	2131.51	0.0	2131.89	64.89
1.270	40.	0.0	0.0	2124.0	300.0	2128.92	0.0	2129.15	70.61
1.270	40.	0.0	0.0	2124.0	550.0	2130.49	0.0	2130.80	84.49
1.270	40.	0.0	0.0	2124.0	660.0	2131.04	0.0	2131.35	58.21
1.270	40.	0.0	0.0	2124.0	850.0	2131.81	0.0	2132.13	50.30
1.270	30.	2132.7	2131.2	2124.0	300.0	2128.92	0.0	2129.15	70.58
1.270	30.	2132.7	2131.2	2124.0	550.0	2130.49	0.0	2130.80	64.44
1.270	30.	2132.7	2131.2	2124.0	650.0	2131.04	0.0	2131.75	14.49
1.270	30.	2132.7	2131.2	2124.0	850.0	2131.51	0.0	2132.47	13.01
1.270	10.	0.0	0.0	2124.0	300.0	2129.00	0.0	2129.22	66.31
1.270	10.	0.0	0.0	2124.0	550.0	2130.57	0.0	2130.86	60.70
1.270	10.	0.0	0.0	2124.0	660.0	2132.67	0.0	2132.76	14.70
1.270	10.	0.0	0.0	2124.0	850.0	2133.39	0.0	2133.48	12.76
1.400	640.	0.0	0.0	2132.5	260.0	2136.07	2135.97	2136.90	288.20
1.400	640.	0.0	0.0	2132.5	490.0	2137.10	2137.02	2138.21	280.27
1.400	640.	0.0	0.0	2132.5	600.0	2137.43	2137.43	2138.70	294.68
1.400	640.	0.0	0.0	2132.5	760.0	2137.93	2137.93	2139.32	284.10
1.420	65.	0.0	0.0	2132.5	260.0	2137.42	0.0	2137.66	55.89
1.420	65.	0.0	0.0	2132.5	490.0	2138.61	0.0	2139.98	56.11
1.420	65.	0.0	0.0	2132.5	600.0	2139.06	0.0	2139.47	53.48
1.420	65.	0.0	0.0	2132.5	760.0	2139.63	0.0	2140.06	50.35
1.420	40.	0.0	0.0	2132.5	260.0	2137.66	0.0	2137.86	43.15
1.420	40.	0.0	0.0	2132.5	490.0	2138.87	0.0	2139.18	42.75
1.420	40.	0.0	0.0	2132.5	600.0	2139.33	0.0	2139.66	41.22
1.420	40.	0.0	0.0	2132.5	760.0	2139.88	0.0	2140.25	39.77
1.420	30.	2139.0	2137.5	2133.5	260.0	2137.66	0.0	2138.12	132.03
1.420	30.	2139.0	2137.5	2133.5	490.0	2139.09	0.0	2139.61	97.26
1.420	30.	2139.0	2137.5	2133.5	600.0	2139.60	0.0	2140.15	84.39
1.420	30.	2139.0	2137.5	2133.5	760.0	2140.12	0.0	2140.74	80.76
1.420	10.	0.0	0.0	2133.5	260.0	2137.86	0.0	2138.25	103.59
1.420	10.	0.0	0.0	2133.5	490.0	2139.24	0.0	2139.70	83.02
1.420	10.	0.0	0.0	2133.5	600.0	2139.73	0.0	2140.23	74.58
1.420	10.	0.0	0.0	2133.5	760.0	2140.26	0.0	2140.82	70.96

1.06

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRTWS	EG	10K+S
1.450	125.	0.0	0.0	2135.8	260.0	2139.55	0.0	2140.24	224.98
1.450	125.	0.0	0.0	2135.8	475.0	2140.59	0.0	2141.48	213.81
1.450	125.	0.0	0.0	2135.8	590.0	2140.96	0.0	2141.98	223.26
1.450	125.	0.0	0.0	2135.8	750.0	2141.39	2141.24	2142.60	228.02
1.480	150.	0.0	0.0	2139.0	250.0	2142.80	0.0	2143.41	197.61
1.480	150.	0.0	0.0	2139.0	460.0	2143.77	0.0	2144.62	204.56
1.480	150.	0.0	0.0	2139.0	565.0	2144.22	0.0	2145.12	194.17
1.480	150.	0.0	0.0	2139.0	710.0	2144.68	0.0	2145.70	185.04
1.530	265.	0.0	0.0	2144.4	240.0	2148.11	0.0	2148.72	203.45
1.530	265.	0.0	0.0	2144.4	450.0	2149.16	0.0	2149.97	199.49
1.530	265.	0.0	0.0	2144.4	550.0	2149.51	0.0	2150.43	206.34
1.530	265.	0.0	0.0	2144.4	700.0	2149.92	0.0	2151.03	215.75
1.550	105.	0.0	0.0	2146.4	225.0	2149.85	0.0	2150.20	98.26
1.550	105.	0.0	0.0	2146.4	445.0	2150.99	0.0	2151.52	109.46
1.550	105.	0.0	0.0	2146.4	545.0	2151.41	0.0	2152.01	110.00
1.550	105.	0.0	0.0	2146.4	680.0	2151.97	0.0	2152.62	106.41
1.620	370.	0.0	0.0	2147.5	225.0	2151.97	0.0	2152.11	31.33
1.620	370.	0.0	0.0	2147.5	405.0	2153.34	0.0	2153.54	30.24
1.620	370.	0.0	0.0	2147.5	505.0	2153.79	0.0	2154.02	30.35
1.620	370.	0.0	0.0	2147.5	630.0	2154.30	0.0	2154.55	28.86

WASH CREEK

DIARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.020	525.	2085.3	0.0	0.0	0.0	39.81	0.0
0.020	710.	2087.1	1.8	0.0	0.0	46.57	0.0
0.020	1125.	2088.0	0.8	0.0	0.0	49.63	0.0
0.020	1450.	2088.9	1.0	0.0	0.0	183.40	0.0
0.020	525.	2085.4	0.0	0.1	0.0	40.10	40.00
0.020	710.	2087.2	1.8	0.1	0.0	46.87	40.00
0.020	1125.	2088.0	0.8	0.1	0.0	49.92	40.00
0.020	1450.	2089.0	1.0	0.1	0.0	195.38	40.00
0.060	515.	2088.8	0.0	3.4	0.0	68.04	250.00
0.060	700.	2089.5	0.7	2.3	0.0	191.29	250.00
0.060	1115.	2089.8	0.3	1.7	0.0	209.86	250.00
0.060	1445.	2090.1	0.3	1.0	0.0	218.77	250.00
0.060	515.	2089.3	0.0	0.5	0.0	93.56	10.00
0.060	700.	2089.9	0.7	0.4	0.0	217.53	10.00
0.060	1115.	2090.1	0.1	0.3	0.0	242.78	10.00
0.060	1445.	2090.2	0.1	0.1	0.0	260.14	10.00
0.110	510.	2089.6	0.0	0.4	0.0	78.93	210.00
0.110	895.	2090.5	0.9	0.6	0.0	141.64	210.00
0.110	1105.	2090.8	0.3	0.8	0.0	154.15	210.00
0.110	1435.	2091.3	0.4	1.1	0.0	169.61	210.00
0.110	510.	2089.7	0.0	0.1	0.0	82.00	40.00
0.110	895.	2090.6	0.9	0.1	0.0	145.61	40.00
0.110	1105.	2091.0	0.3	0.1	0.0	158.98	40.00
0.110	1435.	2091.5	0.5	0.2	0.0	175.93	40.00
0.110	510.	2089.7	0.0	0.0	0.0	83.07	30.00
0.110	895.	2091.2	1.5	0.6	0.0	166.17	30.00
0.110	1105.	2091.6	0.5	0.7	0.0	182.05	30.00
0.110	1435.	2092.2	0.5	0.7	0.0	200.29	30.00
0.110	510.	2089.7	0.0	0.0	0.0	83.58	10.00
0.110	895.	2091.2	1.5	0.0	0.0	166.74	10.00
0.110	1105.	2091.6	0.5	0.0	0.0	182.69	10.00
0.110	1435.	2092.2	0.5	0.0	0.0	201.03	10.00
0.250	490.	2090.9	0.0	1.2	0.0	24.58	630.00
0.250	870.	2092.4	1.5	1.2	0.0	80.65	630.00
0.250	1090.	2093.0	0.6	1.3	0.0	92.27	630.00
0.250	1400.	2093.7	0.7	1.5	0.0	102.00	630.00
0.250	490.	2091.1	0.0	0.2	0.0	37.11	40.00
0.250	870.	2092.7	1.5	0.2	0.0	87.08	40.00
0.250	1090.	2093.2	0.6	0.3	0.0	96.42	40.00
0.250	1400.	2094.0	0.7	0.3	0.0	194.11	40.00
0.250	490.	2092.1	0.0	0.9	0.0	61.43	30.00
0.250	870.	2094.4	2.3	1.7	0.0	410.37	30.00

A07

0.250	1090.	2094.7	0.3	1.4	0.0	421.91	30.00
0.250	1400.	2095.0	0.3	1.0	0.0	434.22	30.00

B07

SECNO	Q	CASEL	DIFMSP	DIFMSX	DIFKMS	TOPUID	MLCH
0.250	490.	2092.1	0.0	0.0	0.0	61.87	10.00
0.250	870.	2094.4	2.3	0.0	0.0	411.05	10.00
0.250	1090.	2094.7	0.3	0.0	0.0	422.65	10.00
0.250	1400.	2095.0	0.3	0.0	0.0	435.24	10.00
0.400	440.	2094.1	0.0	2.0	0.0	25.43	760.00
0.400	855.	2095.4	1.5	1.1	0.0	39.37	760.00
0.400	1060.	2096.0	0.5	1.3	0.0	30.67	760.00
0.400	1360.	2096.6	0.6	1.6	0.0	39.19	760.00
0.400	440.	2094.3	0.0	0.3	0.0	26.03	40.00
0.400	855.	2095.8	1.6	0.3	0.0	30.18	40.00
0.400	1060.	2096.4	0.6	0.4	0.0	33.78	40.00
0.400	1360.	2097.1	0.7	0.5	0.0	51.90	40.00
0.400	460.	2095.0	0.0	0.7	0.0	27.89	30.00
0.400	855.	2098.0	3.0	2.1	0.0	74.51	30.00
0.400	1060.	2098.2	0.3	1.9	0.0	248.56	30.00
0.400	1360.	2098.5	0.3	1.5	0.0	256.02	30.00
0.400	460.	2094.9	0.0	-0.0	0.0	30.13	10.00
0.400	855.	2098.0	3.1	0.1	0.0	208.90	10.00
0.400	1060.	2098.4	0.4	0.2	0.0	217.28	10.00
0.400	1360.	2098.8	0.4	0.2	0.0	217.28	10.00
0.500	450.	2096.8	0.0	1.3	0.0	60.11	470.00
0.500	845.	2098.8	2.0	0.7	0.0	104.81	470.00
0.500	1050.	2099.2	0.4	0.8	0.0	124.93	470.00
0.500	1340.	2099.7	0.5	0.9	0.0	147.94	470.00
0.500	450.	2096.9	0.0	0.0	0.0	47.93	40.00
0.500	845.	2098.8	1.9	0.0	0.0	83.94	40.00
0.500	1050.	2099.2	0.4	0.0	0.0	91.73	40.00
0.500	1340.	2099.7	0.5	-0.0	0.0	114.44	40.00
0.500	450.	2097.0	0.0	0.1	0.0	49.56	30.00
0.500	845.	2099.7	2.8	0.9	0.0	116.26	30.00
0.500	1050.	2100.1	0.4	0.9	0.0	135.94	30.00
0.500	1340.	2100.4	0.3	0.7	0.0	148.45	30.00
0.500	450.	2096.9	0.0	-0.0	0.0	23.11	20.00
0.500	845.	2099.6	0.3	-0.1	0.0	64.30	20.00
0.500	1050.	2099.9	0.3	-0.2	0.0	74.51	20.00
0.500	1340.	2100.1	0.2	-0.3	0.0	81.01	20.00
0.580	445.	2099.4	0.0	2.5	0.0	43.69	370.00
0.580	830.	2101.4	1.9	1.8	0.0	201.83	370.00
0.580	1040.	2102.0	0.6	2.0	0.0	235.32	370.00
0.580	1320.	2102.6	0.7	2.5	0.0	262.95	370.00
0.660	440.	2100.8	0.0	1.4	0.0	26.16	320.00
0.660	795.	2102.5	1.7	1.2	0.0	44.95	320.00
0.660	970.	2103.0	0.5	1.1	0.0	59.97	320.00
0.660	1240.	2103.6	0.6	1.0	0.0	77.50	320.00

C07

SEGRNO	Q	CMSL	DIFWSP	DIFWSX	DIFKUS	TOPWIO	WCH
0.660	440.	2101.2	0.0	0.4	0.0	20.63	40.00
0.660	795.	2102.8	1.7	0.3	0.0	24.60	40.00
0.660	970.	2103.3	0.5	0.3	0.0	25.81	40.00
0.660	1240.	2103.9	0.5	0.3	0.0	27.12	40.00
0.660	440.	2101.2	0.0	0.0	0.0	20.63	30.00
0.660	795.	2102.8	1.7	0.0	0.0	24.61	30.00
0.660	970.	2103.8	0.9	1.2	0.0	26.89	30.00
0.660	1240.	2105.1	1.3	0.0	0.0	36.80	30.00
0.660	440.	2101.4	0.0	0.3	0.0	21.25	10.00
0.660	795.	2103.1	1.6	0.2	0.0	25.19	10.00
0.660	970.	2104.0	0.9	0.2	0.0	27.31	10.00
0.660	1240.	2105.2	1.2	0.1	0.0	39.48	10.00
0.770	420.	2105.2	0.0	3.8	0.0	28.68	40.00
0.770	745.	2106.9	1.9	3.8	0.0	28.43	40.00
0.770	905.	2107.5	0.6	3.5	0.0	43.16	40.00
0.770	1160.	2108.4	0.9	3.2	0.0	52.54	40.00
0.770	420.	2105.5	0.0	0.2	0.0	29.43	40.00
0.770	745.	2107.1	1.9	0.2	0.0	38.73	40.00
0.770	905.	2108.6	0.8	0.2	0.0	45.33	40.00
0.770	1160.	2109.6	0.8	0.2	0.0	56.33	40.00
0.770	420.	2105.5	0.0	0.0	0.0	29.57	30.00
0.770	745.	2107.7	2.2	0.6	0.0	45.12	30.00
0.770	905.	2108.7	1.0	1.0	0.0	58.54	30.00
0.770	1160.	2110.2	1.4	1.8	0.0	77.90	30.00
0.770	420.	2105.5	0.0	0.0	0.0	29.71	10.00
0.770	745.	2107.7	2.2	0.0	0.0	45.47	10.00
0.770	905.	2108.8	1.0	0.0	0.0	58.94	10.00
0.770	1160.	2110.2	1.4	0.0	0.0	78.27	10.00
0.820	400.	2106.7	0.0	1.2	0.0	23.30	280.00
0.820	720.	2108.6	1.9	0.9	0.0	41.87	280.00
0.820	875.	2109.4	0.8	0.7	0.0	57.26	280.00
0.820	1125.	2110.7	1.3	0.5	0.0	85.08	280.00
0.830	400.	2106.8	0.0	0.1	0.0	19.86	40.00
0.830	720.	2108.6	1.8	0.1	0.0	24.38	40.00
0.830	875.	2109.5	0.8	0.0	0.0	29.19	40.00
0.830	1125.	2110.7	1.2	0.0	0.0	53.96	40.00
0.830	400.	2107.0	0.0	0.2	0.0	23.22	30.00
0.830	720.	2108.9	1.8	0.2	0.0	28.89	30.00
0.830	875.	2110.3	1.4	0.8	0.0	36.00	30.00
0.830	1125.	2112.4	2.1	1.8	0.0	48.12	30.00
0.830	400.	2107.5	0.0	0.4	0.0	22.40	40.00
0.830	720.	2109.3	1.7	0.3	0.0	27.78	40.00
0.830	875.	2110.5	1.2	0.2	0.0	33.00	40.00
0.830	1125.	2112.5	2.0	0.1	0.0	44.57	40.00

D07

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.900	400.	2110.6	0.0	3.2	0.0	25.07	260.00
0.900	720.	2112.2	1.3	3.0	0.0	29.86	260.00
0.900	825.	2112.7	0.5	2.2	0.0	32.68	260.00
0.900	1125.	2113.8	1.1	1.3	0.0	39.00	260.00
1.000	360.	2115.0	0.0	4.4	0.0	22.59	530.00
1.000	650.	2116.7	1.7	4.5	0.0	27.73	530.00
1.000	800.	2117.3	0.6	4.6	0.0	29.42	530.00
1.000	1020.	2118.0	0.7	4.1	0.0	31.10	530.00
1.050	350.	2116.5	0.0	1.5	0.0	42.75	280.00
1.050	625.	2118.1	1.6	1.4	0.0	74.22	280.00
1.050	780.	2118.7	0.6	1.5	0.0	79.31	280.00
1.050	980.	2119.5	0.8	1.6	0.0	85.89	280.00
1.060	350.	2116.6	0.0	0.1	0.0	19.34	50.00
1.060	625.	2118.1	1.3	-0.0	0.0	22.37	50.00
1.060	780.	2118.7	0.6	-0.1	0.0	23.44	50.00
1.060	980.	2119.4	0.7	-0.1	0.0	24.86	50.00
1.070	350.	2118.1	0.0	1.5	0.0	16.17	40.00
1.070	620.	2119.3	1.2	1.2	0.0	18.35	40.00
1.070	760.	2120.5	0.5	1.2	0.0	19.59	40.00
1.070	970.	2120.5	0.5	1.2	0.0	21.01	40.00
1.070	350.	2118.8	0.0	0.7	0.0	17.33	5.00
1.070	620.	2120.1	1.3	0.8	0.0	19.73	5.00
1.070	760.	2120.7	0.6	0.9	0.0	20.82	5.00
1.070	970.	2121.5	0.8	0.9	0.0	22.25	5.00
1.070	350.	2119.7	0.0	0.8	0.0	18.91	30.00
1.070	620.	2121.2	1.5	1.0	0.0	21.71	30.00
1.070	760.	2121.8	0.8	1.1	0.0	22.90	30.00
1.070	970.	2122.6	0.8	1.2	0.0	24.46	30.00
1.070	350.	2119.8	0.0	0.1	0.0	19.49	5.00
1.070	620.	2121.3	1.5	0.1	0.0	22.48	5.00
1.070	760.	2121.9	0.7	0.1	0.0	23.19	5.00
1.070	970.	2122.8	0.9	0.2	0.0	25.48	5.00
1.070	350.	2119.9	0.0	0.1	0.0	19.76	10.00
1.070	620.	2121.5	1.5	0.2	0.0	22.85	10.00
1.070	760.	2122.1	0.7	0.2	0.0	24.13	10.00
1.070	970.	2123.0	0.9	0.2	0.0	25.85	10.00
1.170	340.	2124.3	0.0	4.3	0.0	20.45	490.00
1.170	600.	2126.1	1.8	4.8	0.0	24.10	490.00
1.170	740.	2126.9	0.8	4.8	0.0	25.66	490.00
1.170	950.	2127.9	1.0	4.9	0.0	27.72	490.00
1.270	300.	2128.5	0.0	4.2	0.0	24.27	490.00
1.270	550.	2130.1	1.6	4.0	0.0	36.99	490.00
1.270	660.	2130.7	0.6	3.8	0.0	72.41	490.00
1.270	850.	2131.5	0.8	3.6	0.0	120.26	490.00

E07

SEENO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.270	300.	2128.9	0.0	0.4	0.0	25.84	40.00
1.270	550.	2130.5	1.6	0.4	0.0	59.88	40.00
1.270	660.	2131.0	0.5	0.3	0.0	92.33	40.00
1.270	850.	2131.8	0.8	0.3	0.0	138.73	40.00
1.270	300.	2128.9	0.0	0.0	0.0	25.84	30.00
1.270	550.	2130.5	1.6	0.0	0.0	59.93	30.00
1.270	660.	2132.7	2.2	1.6	0.0	197.65	30.00
1.270	850.	2133.4	0.7	1.6	0.0	228.27	30.00
1.270	300.	2129.0	0.0	0.1	0.0	26.10	10.00
1.270	550.	2130.6	1.6	0.1	0.0	64.05	10.00
1.270	660.	2132.7	2.1	0.0	0.0	198.62	10.00
1.270	850.	2133.4	0.7	0.0	0.0	228.80	10.00
1.400	260.	2136.1	0.0	7.1	0.0	19.13	640.00
1.400	490.	2137.1	1.0	6.5	0.0	24.66	640.00
1.400	600.	2137.4	0.3	4.8	0.0	26.44	640.00
1.400	760.	2137.9	0.5	4.5	0.0	29.92	640.00
1.420	260.	2137.4	0.0	1.3	0.0	26.39	65.00
1.420	490.	2138.6	1.2	1.5	0.0	50.95	65.00
1.420	600.	2139.1	0.5	1.6	0.0	80.20	65.00
1.420	760.	2139.6	0.6	1.7	0.0	97.96	65.00
1.420	260.	2137.7	0.0	0.2	0.0	27.76	40.00
1.420	490.	2138.9	1.2	0.3	0.0	74.43	40.00
1.420	600.	2139.3	0.5	0.3	0.0	88.71	40.00
1.420	760.	2139.9	0.6	0.3	0.0	106.26	40.00
1.420	260.	2137.7	0.0	0.0	0.0	22.26	30.00
1.420	490.	2139.1	1.4	0.2	0.0	35.05	30.00
1.420	600.	2139.6	0.5	0.3	0.0	50.78	30.00
1.420	760.	2140.1	0.5	0.2	0.0	82.15	30.00
1.420	260.	2137.9	0.0	0.2	0.0	23.36	10.00
1.420	490.	2139.2	1.4	0.1	0.0	39.43	10.00
1.420	600.	2139.7	0.5	0.1	0.0	69.68	10.00
1.420	760.	2140.3	0.5	0.1	0.0	86.38	10.00
1.450	260.	2139.6	0.0	1.7	0.0	20.06	125.00
1.450	475.	2140.6	1.0	1.4	0.0	25.69	125.00
1.450	590.	2141.0	0.4	1.2	0.0	27.73	125.00
1.450	750.	2141.4	0.4	1.1	0.0	35.04	125.00
1.480	250.	2142.8	0.0	3.2	0.0	20.26	150.00
1.480	460.	2143.8	1.0	3.2	0.0	25.59	150.00
1.480	565.	2144.2	0.4	3.3	0.0	28.02	150.00
1.480	710.	2144.7	0.5	3.3	0.0	37.76	150.00
1.530	240.	2148.1	0.0	5.3	0.0	19.83	265.00
1.530	450.	2149.2	1.0	5.4	0.0	25.49	265.00
1.530	550.	2149.5	0.4	5.3	0.0	27.40	265.00
1.530	700.	2149.9	0.4	5.2	0.0	32.82	265.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.550	225.	2149.9	0.0	1.7	0.0	22.15	105.00
1.550	445.	2151.0	1.1	1.8	0.0	27.40	105.00
1.550	545.	2151.4	0.4	1.9	0.0	29.37	105.00
1.550	680.	2152.0	0.6	2.0	0.0	31.93	105.00
1.620	225.	2152.0	0.0	2.1	0.0	26.87	370.00
1.620	405.	2153.3	1.4	2.4	0.0	40.13	370.00
1.620	305.	2153.8	0.5	2.4	0.0	112.55	370.00
1.620	630.	2154.3	0.5	2.3	0.0	170.67	370.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.060 PROFILE= 2
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 0.060 PROFILE= 2
 WSEL ASSUMED BASED ON MIN DIFF
 CAUTION SECNO= 0.060 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 0.060 PROFILE= 3
 WSEL ASSUMED BASED ON MIN DIFF
 CAUTION SECNO= 0.060 PROFILE= 3
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 0.060 PROFILE= 4
 WSEL ASSUMED BASED ON MIN DIFF
 CAUTION SECNO= 0.060 PROFILE= 4
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.070 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.070 PROFILE= 1
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.070 PROFILE= 1
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 1.070 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.070 PROFILE= 2
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.070 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 1.070 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.070 PROFILE= 3
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.070 PROFILE= 3
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 1.070 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.070 PROFILE= 4
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.070 PROFILE= 4
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.400 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.400 PROFILE= 3
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.400 PROFILE= 3
 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 1.400 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.400 PROFILE= 4
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.400 PROFILE= 4
 20 TRIALS ATTEMPTED TO BALANCE WSEL

H07

WASH CREEK

HENDERSONVILLE NC FIA
 500 YEAR FLOOD 100 YEAR FLOOD 50 YEAR FLOOD 10 YEAR FLOOD

RISE	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.020	1450.	2088.9	1125.	2088.0	910.	2087.1	525.	2085.3
0.020	1450.	2089.0	1125.	2088.0	910.	2087.2	525.	2085.4
0.060	1445.	2090.1	1115.	2089.8	900.	2089.5	515.	2088.8
0.060	1445.	2090.2	1115.	2090.1	900.	2089.9	515.	2089.3
0.110	1435.	2091.3	1105.	2090.8	895.	2090.5	510.	2089.6
0.110	1435.	2092.2	1105.	2091.6	895.	2091.2	510.	2089.7
0.250	1400.	2093.7	1090.	2093.0	870.	2092.4	490.	2090.9
0.250	1400.	2095.0	1090.	2094.7	870.	2094.4	490.	2092.1
0.400	1360.	2096.6	1060.	2096.0	855.	2095.5	460.	2094.1
0.400	1360.	2098.8	1060.	2098.4	855.	2098.0	460.	2094.9
0.500	1340.	2099.7	1050.	2099.2	845.	2098.8	450.	2096.8
0.500	1340.	2100.1	1050.	2099.9	845.	2099.6	450.	2096.9
0.580	1320.	2102.6	1040.	2102.0	830.	2101.4	445.	2099.4
0.660	1240.	2103.6	970.	2103.0	795.	2102.5	440.	2100.8
0.660	1240.	2105.2	970.	2104.0	795.	2103.1	440.	2101.4
0.770	1160.	2108.4	905.	2107.5	745.	2106.9	420.	2105.2
0.770	1160.	2110.2	905.	2108.8	745.	2107.7	420.	2105.5
0.820	1125.	2110.7	875.	2109.4	720.	2108.6	400.	2106.7
0.830	1125.	2110.7	875.	2109.5	720.	2108.6	400.	2106.8
0.830	1125.	2112.5	875.	2110.5	720.	2109.2	400.	2107.5
0.900	1125.	2113.8	875.	2112.7	720.	2112.2	400.	2110.6
1.000	1020.	2118.0	800.	2117.3	650.	2116.7	360.	2115.0
1.050	980.	2119.5	780.	2118.7	625.	2118.1	350.	2116.5
1.060	980.	2119.4	780.	2118.7	625.	2118.1	350.	2116.6
1.070	970.	2120.5	760.	2119.8	620.	2119.3	350.	2118.1
1.070	970.	2123.0	760.	2122.1	620.	2121.5	350.	2119.9

1.170	950.	2127.9	740.	2126.9	600.	2126.1	340.	2124.3
1.270	850.	2131.5	660.	2130.7	550.	2130.1	300.	2128.5
1.270	850.	2133.4	660.	2132.7	550.	2130.6	300.	2129.0
1.400	760.	2137.9	600.	2137.4	490.	2137.1	260.	2136.1
1.420	760.	2139.6	600.	2139.1	490.	2138.6	260.	2137.4
1.420	760.	2140.3	600.	2139.7	490.	2139.2	260.	2137.9
1.450	750.	2141.4	590.	2141.0	475.	2140.6	260.	2139.6
1.480	710.	2144.7	565.	2144.2	460.	2143.8	250.	2142.8
1.530	700.	2149.9	550.	2149.5	450.	2149.2	240.	2148.1
1.550	680.	2152.0	545.	2151.4	445.	2151.0	225.	2149.9
1.620	630.	2154.3	505.	2153.8	405.	2153.3	225.	2152.0