

TABLE 6

TOPOCENTRIC DATA AND PATH CORRECTIONS DUE TO LUNAR LIMB PROFILE  
TOTAL SOLAR ECLIPSE OF 2008 AUGUST 01

$\Delta T = 65.6$  s

Universal Time	Moon	Moon	Moon	Topo	Sun Alt. °	Sun Az. °	Path Az. °	North Limit P.A. °	North Limit		South Limit		Central Durat. Corr. s
	Topo H.P. "	Topo S.D. "	Rel. Ang.V "/s	Lib. Long °					Int.	Ext.	Int.	Ext.	
09:24	3583.6	975.8	0.602	4.61	6.8	45.4	33.7	17.8	0.2	1.9	1.6	-8.1	0.2
09:27	3589.1	977.3	0.581	4.59	12.1	59.0	38.6	18.7	0.4	2.6	1.1	-5.8	0.1
09:30	3592.7	978.3	0.568	4.56	15.5	73.7	47.5	19.5	0.5	2.6	0.8	-5.1	-0.0
09:33	3595.5	979.0	0.558	4.53	18.3	91.9	61.1	20.1	0.6	2.3	0.5	-4.7	-0.1
09:36	3597.7	979.6	0.550	4.51	20.5	113.7	78.9	20.6	0.6	2.0	0.3	-4.4	-0.2
09:39	3599.7	980.2	0.542	4.48	22.5	136.4	97.9	21.2	0.7	2.0	0.2	-4.4	-0.5
09:42	3601.3	980.6	0.536	4.46	24.2	155.9	114.1	21.7	0.8	2.2	0.0	-4.6	-0.5
09:45	3602.7	981.0	0.531	4.43	25.7	170.9	125.9	22.2	1.0	2.3	-0.1	-4.9	-0.6
09:48	3604.0	981.3	0.527	4.41	27.0	182.2	134.2	22.6	1.2	2.3	-0.3	-5.9	-0.6
09:51	3605.1	981.6	0.523	4.38	28.2	190.9	140.0	23.1	1.4	2.8	-0.5	-7.2	-0.6
09:54	3606.0	981.9	0.519	4.36	29.2	198.0	144.2	23.5	1.6	3.2	-0.7	-8.5	-0.7
09:57	3606.8	982.1	0.516	4.33	30.2	203.9	147.2	23.9	1.8	3.5	-1.0	-9.7	-0.7
10:00	3607.5	982.3	0.514	4.31	30.9	209.0	149.5	24.3	1.9	3.7	-1.3	-10.8	-0.7
10:03	3608.0	982.4	0.512	4.28	31.6	213.6	151.3	24.7	2.0	3.7	-1.7	-11.7	-1.0
10:06	3608.5	982.6	0.510	4.25	32.2	217.8	152.6	25.0	2.1	3.6	-1.9	-12.4	-1.0
10:09	3608.9	982.7	0.509	4.23	32.7	221.6	153.6	25.4	2.2	3.4	-1.9	-12.9	-0.9
10:12	3609.1	982.7	0.508	4.20	33.0	225.2	154.4	25.7	2.2	3.3	-1.9	-13.2	-0.9
10:15	3609.3	982.8	0.507	4.18	33.3	228.6	155.0	26.0	2.2	3.6	-1.8	-13.3	-0.9
10:18	3609.4	982.8	0.507	4.15	33.4	231.9	155.3	26.3	2.2	3.7	-1.8	-13.4	-0.9
10:21	3609.4	982.8	0.507	4.13	33.5	235.1	155.5	26.6	2.1	3.7	-1.8	-13.8	-0.9
10:24	3609.3	982.8	0.507	4.10	33.5	238.1	155.6	26.8	2.0	4.0	-1.8	-14.1	-0.9
10:27	3609.1	982.7	0.508	4.08	33.3	241.1	155.5	27.0	2.1	4.1	-1.7	-14.1	-1.0
10:30	3608.8	982.6	0.509	4.05	33.1	244.0	155.2	27.2	2.0	4.4	-1.7	-14.1	-1.0
10:33	3608.4	982.5	0.510	4.03	32.8	246.8	154.9	27.4	1.9	4.5	-1.7	-14.0	-1.0
10:36	3607.9	982.4	0.512	4.00	32.3	249.5	154.4	27.6	1.9	4.6	-1.6	-13.8	-0.9
10:39	3607.4	982.2	0.514	3.97	31.8	252.2	153.7	27.8	1.8	4.6	-1.6	-13.6	-0.9
10:42	3606.7	982.1	0.516	3.95	31.1	254.9	152.9	27.9	1.7	4.6	-1.6	-13.3	-0.9
10:45	3605.9	981.8	0.519	3.92	30.3	257.4	152.0	28.0	1.7	4.5	-1.5	-12.9	-0.9
10:48	3605.0	981.6	0.522	3.90	29.5	260.0	150.9	28.1	1.6	4.2	-1.5	-12.5	-0.6
10:51	3603.9	981.3	0.525	3.87	28.4	262.5	149.6	28.1	1.5	4.1	-1.5	-12.1	-0.6
10:54	3602.7	981.0	0.529	3.85	27.3	264.9	148.1	28.1	1.5	4.0	-1.4	-11.7	-0.6
10:57	3601.4	980.6	0.534	3.82	26.0	267.4	146.3	28.1	1.4	3.9	-1.3	-11.3	-0.6
11:00	3599.9	980.2	0.539	3.80	24.5	269.8	144.3	28.1	1.4	3.7	-1.3	-10.9	-0.6
11:03	3598.1	979.7	0.545	3.77	22.9	272.2	142.0	28.0	1.3	3.6	-1.2	-10.5	-0.7
11:06	3596.1	979.2	0.551	3.75	21.0	274.7	139.3	27.8	1.3	3.4	-1.2	-10.1	-0.7
11:09	3593.8	978.6	0.559	3.72	18.8	277.2	136.2	27.6	1.2	3.1	-1.1	-9.7	-0.7
11:12	3591.0	977.8	0.569	3.69	16.1	279.8	132.5	27.4	1.1	2.8	-1.1	-9.2	-0.6
11:15	3587.5	976.8	0.581	3.67	12.8	282.7	128.0	27.0	1.1	2.3	-1.1	-8.5	-0.6
11:18	3582.4	975.5	0.598	3.64	8.1	286.3	121.6	26.3	1.0	2.1	-1.0	-7.6	-0.7