

TOTAL SOLAR ECLIPSE OF 2012 NOVEMBER 13

TABLE 6

**TOPOCENTRIC DATA AND PATH CORRECTIONS DUE TO LUNAR LIMB PROFILE
TOTAL SOLAR ECLIPSE OF 2012 NOVEMBER 13**

Universal Time	Moon Topo H.P. "	Moon Topo S.D. "	Moon Rel. Ang.V "/s	Topo Lib. Long °	Sun Alt. °	Sun Az. °	Path Az. °	North Limit P.A. °	North Limit		South Limit		Central Durat. Corr. s
									Int.	Ext.	Int.	Ext.	
									'	'	'	'	
20:40	3695.6	1006.3	0.568	-0.25	15.2	104.8	114.0	18.0	-0.0	1.0	0.4	-2.7	-2.4
20:45	3704.2	1008.6	0.537	-0.29	23.0	101.9	116.5	18.7	-0.0	1.1	0.4	-3.0	-2.6
20:50	3710.3	1010.3	0.515	-0.33	28.8	99.2	118.0	19.0	0.0	1.1	0.3	-3.1	-3.0
20:55	3715.1	1011.6	0.498	-0.38	33.6	96.5	119.0	19.3	0.0	1.1	0.3	-3.2	-3.1
21:00	3719.1	1012.7	0.483	-0.42	37.8	93.7	119.7	19.4	0.0	1.2	0.3	-3.2	-3.1
21:05	3722.6	1013.6	0.471	-0.46	41.6	90.7	120.1	19.4	0.0	1.2	0.2	-3.2	-3.2
21:10	3725.6	1014.4	0.460	-0.50	45.1	87.5	120.2	19.4	0.1	1.1	0.2	-3.2	-3.2
21:15	3728.2	1015.1	0.450	-0.55	48.3	84.0	120.1	19.3	0.1	1.1	0.2	-3.1	-3.2
21:20	3730.5	1015.7	0.442	-0.59	51.2	80.2	119.8	19.1	0.0	1.1	0.2	-3.1	-3.3
21:25	3732.5	1016.2	0.434	-0.63	54.0	76.1	119.3	18.9	0.0	1.1	0.2	-3.0	-3.3
21:30	3734.2	1016.7	0.427	-0.67	56.5	71.5	118.7	18.6	0.0	1.0	0.3	-2.9	-3.3
21:35	3735.8	1017.1	0.422	-0.71	58.9	66.5	117.8	18.3	0.0	0.9	0.2	-2.8	-3.1
21:40	3737.0	1017.5	0.417	-0.76	61.0	60.9	116.8	18.0	-0.0	0.8	0.3	-2.6	-3.1
21:45	3738.1	1017.8	0.412	-0.80	62.9	54.7	115.7	17.6	-0.0	0.7	0.3	-2.3	-3.0
21:50	3739.0	1018.0	0.409	-0.84	64.5	47.9	114.5	17.1	-0.1	0.5	0.4	-2.0	-3.0
21:55	3739.7	1018.2	0.406	-0.88	65.9	40.4	113.1	16.7	-0.1	0.4	0.4	-2.1	-3.0
22:00	3740.3	1018.3	0.404	-0.93	66.9	32.3	111.6	16.2	-0.1	0.4	0.5	-2.1	-2.8
22:05	3740.6	1018.4	0.402	-0.97	67.6	23.7	109.9	15.6	-0.1	0.4	0.6	-2.0	-2.9
22:10	3740.8	1018.5	0.401	-1.01	67.9	14.7	108.2	15.1	-0.2	0.2	0.7	-1.8	-3.0
22:15	3740.8	1018.5	0.401	-1.05	67.9	5.6	106.4	14.5	-0.2	0.1	0.7	-1.5	-3.1
22:20	3740.7	1018.4	0.401	-1.10	67.4	356.6	104.5	13.8	-0.2	0.0	0.8	-1.4	-3.2
22:25	3740.3	1018.4	0.402	-1.14	66.6	347.9	102.5	13.2	-0.2	0.1	0.9	-1.6	-3.2
22:30	3739.8	1018.2	0.404	-1.18	65.5	339.6	100.4	12.5	-0.2	0.3	0.9	-1.6	-3.2
22:35	3739.1	1018.0	0.406	-1.22	64.0	331.9	98.3	11.9	-0.2	0.4	1.0	-1.8	-3.2
22:40	3738.2	1017.8	0.409	-1.27	62.3	324.7	96.2	11.2	-0.2	0.5	1.0	-2.0	-3.1
22:45	3737.2	1017.5	0.413	-1.31	60.3	318.1	93.9	10.5	-0.2	0.6	1.0	-2.1	-2.9
22:50	3735.9	1017.2	0.418	-1.35	58.2	311.9	91.7	9.8	-0.2	0.5	1.1	-2.0	-2.7
22:55	3734.4	1016.8	0.424	-1.39	55.8	306.2	89.5	9.1	-0.2	0.5	1.1	-1.7	-2.6
23:00	3732.6	1016.3	0.430	-1.44	53.2	300.7	87.2	8.4	-0.3	0.4	1.1	-1.3	-2.4
23:05	3730.6	1015.7	0.438	-1.48	50.4	295.6	84.9	7.7	-0.4	0.5	1.1	-0.8	-2.2
23:10	3728.3	1015.1	0.447	-1.52	47.3	290.7	82.7	7.0	-0.5	0.6	1.2	-0.9	-2.1
23:15	3725.7	1014.4	0.457	-1.56	44.1	286.0	80.5	6.4	-0.6	0.6	1.2	-1.6	-2.0
23:20	3722.6	1013.6	0.468	-1.60	40.5	281.4	78.3	5.7	-0.6	0.7	1.2	-2.1	-1.8
23:25	3719.1	1012.6	0.482	-1.65	36.6	276.8	76.3	5.1	-0.6	0.7	1.2	-2.5	-1.6
23:30	3714.9	1011.5	0.497	-1.69	32.2	272.2	74.3	4.4	-0.7	0.5	1.2	-2.8	-1.4
23:35	3709.8	1010.1	0.517	-1.73	27.2	267.5	72.4	3.8	-0.7	0.4	1.1	-3.0	-1.1
23:40	3703.3	1008.4	0.541	-1.77	21.0	262.3	70.6	3.2	-0.7	0.5	1.1	-3.1	-1.2
23:45	3693.4	1005.7	0.579	-1.82	12.0	255.9	69.2	2.6	-0.7	0.6	1.1	-3.0	-1.3