

Tolar Solar Eclipse of 2021 December 04

TABLE 8 — CENTRAL LINE OF THE TOTAL SOLAR ECLIPSE OF 2021 DECEMBER 04

UT1	Central Line		Diameter Ratio	Sun Alt.	Sun Az.	Path Width km	Duration Totality
	Latitude	Longitude					
07:02.9	53° 05.0'S	051° 12.5'W	1.031	0.0	129.1	413.4	01m27.8s
07:05	57° 38.5'S	044° 04.6'W	1.033	6.2	122.7	446.4	01m36.8s
07:10	62° 21.5'S	039° 51.3'W	1.035	10.9	117.6	452.0	01m44.1s
07:15	65° 59.5'S	038° 16.7'W	1.036	13.6	114.5	445.7	01m48.5s
07:20	69° 12.6'S	038° 10.2'W	1.036	15.4	112.5	437.2	01m51.4s
07:25	72° 11.1'S	039° 28.6'W	1.037	16.5	111.8	429.2	01m53.2s
07:30	74° 58.0'S	042° 34.7'W	1.037	17.1	112.7	422.5	01m54.2s
07:35	77° 31.8'S	048° 21.9'W	1.037	17.1	116.3	417.4	01m54.4s
07:40	79° 44.0'S	058° 27.5'W	1.037	16.7	124.1	414.3	01m53.7s
07:45	81° 13.5'S	074° 55.3'W	1.036	15.8	138.3	413.1	01m52.2s
07:50	81° 23.1'S	097° 01.4'W	1.036	14.3	158.2	414.0	01m49.7s
07:55	79° 41.1'S	117° 37.8'W	1.035	12.0	176.6	417.2	01m46.0s
08:00	75° 47.6'S	130° 53.9'W	1.034	8.2	187.9	422.2	01m40.0s
08:03.8	67° 21.9'S	134° 10.9'W	1.031	0.0	190.0	417.5	01m27.8s

"Eclipses During 2021", Fred Espenak, *Observer's Handbook 2021*, Royal Astronomical Society of Canada