

Annular Solar Eclipse of 2021 June 10

TABLE 2 — CENTRAL LINE OF THE ANNULAR SOLAR ECLIPSE OF 2021 JUNE 10

UT1	Central Line		Diameter Ratio	Sun Alt.	Sun Az.	Path Width km	Duration Totality
	Latitude	Longitude					
09:55.0	50° 10.2'N	089° 31.7'W	0.938	0.0	52.3	692.4	03m36.8s
10:00	57° 38.9'N	078° 06.8'W	0.940	10.3	62.8	664.7	03m42.5s
10:05	61° 21.6'N	074° 16.6'W	0.941	14.2	67.7	635.7	03m44.9s
10:10	64° 28.8'N	071° 40.3'W	0.942	16.9	71.8	609.9	03m46.7s
10:15	67° 18.4'N	069° 43.4'W	0.942	19.0	75.5	587.9	03m48.0s
10:20	69° 57.9'N	068° 13.4'W	0.943	20.5	78.9	569.6	03m49.1s
10:25	72° 30.9'N	067° 05.7'W	0.943	21.7	82.0	554.7	03m50.0s
10:30	74° 59.9'N	066° 20.1'W	0.943	22.5	85.0	542.9	03m50.6s
10:35	77° 26.6'N	066° 01.1'W	0.943	23.1	87.5	534.2	03m51.0s
10:40	79° 52.3'N	066° 21.6'W	0.943	23.3	89.4	528.3	03m51.1s
10:45	82° 17.6'N	067° 54.9'W	0.943	23.3	90.2	525.2	03m51.1s
10:50	84° 42.5'N	072° 20.7'W	0.943	23.0	88.0	524.9	03m50.9s
10:55	87° 01.6'N	086° 44.2'W	0.943	22.3	75.9	527.4	03m50.4s
11:00	88° 18.1'N	147° 33.0'W	0.943	21.4	17.4	533.1	03m49.7s
11:05	86° 33.7'N	160° 36.6'E	0.943	20.1	327.7	542.2	03m48.8s
11:10	83° 47.2'N	149° 01.2'E	0.942	18.5	318.2	555.5	03m47.6s
11:15	80° 35.1'N	145° 59.1'E	0.942	16.3	317.2	574.0	03m46.0s
11:20	76° 50.5'N	146° 03.7'E	0.941	13.3	319.1	599.5	03m44.0s
11:24	73° 06.5'N	147° 47.7'E	0.940	10.0	322.1	627.7	03m41.8s
11:25	71° 58.5'N	148° 32.3'E	0.940	8.9	323.1	636.5	03m41.1s
11:28.7	63° 34.4'N	156° 33.5'E	0.938	0.0	331.6	693.2	03m35.9s

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