

Table 6 — Central Line of the Annular Solar Eclipse of 2019 December 26

UT1	Central Line		Diameter Ratio	Sun	Sun Azm	Path Width	Central Duration
	Latitude	Longitude		Alt			
				°	°	km	m:s
03:36.1	25°59.1'N	048°12.3'E	0.956	0.0	116.2	163.9	02m58.8s
03:40	19°37.7'N	061°26.1'E	0.960	14.5	121.8	147.8	03m03.4s
03:45	16°31.1'N	067°19.6'E	0.962	21.9	124.4	140.4	03m06.5s
03:50	14°17.5'N	071°24.3'E	0.964	27.4	126.4	135.4	03m09.1s
03:55	12°30.1'N	074°38.5'E	0.965	31.9	128.1	131.6	03m11.6s
04:00	10°59.4'N	077°22.4'E	0.965	35.9	129.8	128.6	03m14.0s
04:05	09°40.7'N	079°46.1'E	0.966	39.5	131.5	126.1	03m16.3s
04:10	08°31.3'N	081°55.0'E	0.967	42.8	133.2	124.0	03m18.6s
04:15	07°29.6'N	083°52.8'E	0.967	45.8	135.1	122.3	03m20.8s
04:20	06°34.2'N	085°42.1'E	0.968	48.5	137.2	121.0	03m22.9s
04:25	05°44.5'N	087°24.5'E	0.968	51.1	139.4	119.8	03m25.0s
04:30	04°59.6'N	089°01.5'E	0.969	53.5	142.0	119.0	03m27.0s
04:35	04°19.2'N	090°34.1'E	0.969	55.7	144.8	118.3	03m28.9s
04:40	03°43.0'N	092°03.1'E	0.969	57.7	147.9	117.8	03m30.7s
04:45	03°10.5'N	093°29.1'E	0.970	59.5	151.4	117.4	03m32.4s
04:50	02°41.6'N	094°52.9'E	0.970	61.2	155.3	117.2	03m33.9s
04:55	02°16.2'N	096°14.8'E	0.970	62.5	159.6	117.2	03m35.3s
05:00	01°54.0'N	097°35.3'E	0.970	63.7	164.4	117.2	03m36.6s
05:05	01°35.0'N	098°54.8'E	0.970	64.6	169.5	117.3	03m37.6s
05:10	01°19.1'N	100°13.7'E	0.970	65.2	174.9	117.5	03m38.5s
05:15	01°06.2'N	101°32.2'E	0.970	65.5	180.5	117.7	03m39.2s
05:20	00°56.4'N	102°50.8'E	0.970	65.5	186.2	118.0	03m39.7s
05:25	00°49.7'N	104°09.6'E	0.970	65.2	191.8	118.4	03m39.9s
05:30	00°45.9'N	105°29.1'E	0.970	64.7	197.2	118.8	03m40.0s
05:35	00°45.3'N	106°49.6'E	0.970	63.8	202.3	119.2	03m39.8s
05:40	00°47.8'N	108°11.4'E	0.970	62.7	207.0	119.7	03m39.4s
05:45	00°53.6'N	109°35.0'E	0.969	61.3	211.3	120.3	03m38.8s
05:50	01°02.8'N	111°00.6'E	0.969	59.7	215.1	120.9	03m38.0s
05:55	01°15.5'N	112°28.8'E	0.969	57.9	218.6	121.6	03m37.0s
06:00	01°32.0'N	114°00.2'E	0.968	55.9	221.6	122.5	03m35.8s
06:05	01°52.5'N	115°35.4'E	0.968	53.7	224.3	123.4	03m34.4s
06:10	02°17.4'N	117°15.2'E	0.968	51.4	226.7	124.6	03m32.8s
06:15	02°47.1'N	119°00.5'E	0.967	48.8	228.8	125.9	03m31.1s
06:20	03°22.2'N	120°52.8'E	0.967	46.0	230.7	127.4	03m29.2s
06:25	04°03.5'N	122°53.5'E	0.966	43.1	232.4	129.3	03m27.2s
06:30	04°52.0'N	125°05.1'E	0.965	39.8	233.9	131.4	03m25.0s
06:35	05°49.4'N	127°30.8'E	0.964	36.3	235.3	133.9	03m22.7s
06:40	06°58.1'N	130°16.0'E	0.964	32.4	236.6	137.0	03m20.2s
06:45	08°22.2'N	133°29.7'E	0.962	27.9	237.9	140.8	03m17.5s
06:50	10°10.1'N	137°29.8'E	0.961	22.5	239.3	145.7	03m14.5s
06:55	12°44.2'N	143°05.8'E	0.959	15.4	241.0	152.6	03m10.9s
06:59.4	18°54.0'N	156°42.4'E	0.955	0.0	245.2	169.2	03m04.7s

"Eclipses During 2019", Fred Espenak,
Observer's Handbook 2019, Royal Astronomical Society of Canada