

Table 3 - Central Line of the Annular Solar Eclipse of 2015 September 01

Universal Time	Central Line		Diameter Ratio	Sun Altitude	Sun Azimuth	Path Width	Central Duration
	Latitude	Longitude					
<i>hh:mm</i>				°	°	<i>km</i>	<i>mm:mm</i>
07:19.2	03°04.0'S	019°23.5'W	0.960	0.0	81.9	152.5	02m41.2s
07:20	02°15.4'S	013°07.0'W	0.961	6.5	81.6	146.2	02m43.0s
07:25	01°24.5'S	003°07.6'W	0.964	17.7	81.0	135.9	02m46.7s
07:30	01°14.9'S	002°13.2'E	0.966	24.3	80.6	130.4	02m49.1s
07:35	01°18.2'S	006°12.5'E	0.967	29.4	80.0	126.3	02m51.1s
07:40	01°28.7'S	009°27.9'E	0.968	33.8	79.2	123.0	02m52.9s
07:45	01°44.1'S	012°15.2'E	0.969	37.7	78.4	120.2	02m54.5s
07:50	02°03.2'S	014°42.5'E	0.970	41.3	77.4	117.7	02m55.9s
07:55	02°25.2'S	016°54.8'E	0.970	44.6	76.2	115.6	02m57.3s
08:00	02°49.6'S	018°55.4'E	0.971	47.6	74.8	113.6	02m58.5s
08:05	03°16.1'S	020°46.7'E	0.971	50.5	73.1	111.8	02m59.6s
08:10	03°44.4'S	022°30.3'E	0.972	53.2	71.2	110.2	03m00.6s
08:15	04°14.3'S	024°07.6'E	0.972	55.7	69.0	108.7	03m01.5s
08:20	04°45.8'S	025°39.6'E	0.972	58.1	66.4	107.3	03m02.4s
08:25	05°18.7'S	027°07.2'E	0.973	60.3	63.4	106.1	03m03.1s
08:30	05°52.8'S	028°31.0'E	0.973	62.3	60.0	104.9	03m03.7s
08:35	06°28.2'S	029°51.8'E	0.973	64.2	56.0	103.9	03m04.2s
08:40	07°04.8'S	031°10.1'E	0.973	65.9	51.4	102.9	03m04.6s
08:45	07°42.5'S	032°26.2'E	0.973	67.4	46.2	102.1	03m05.0s
08:50	08°21.4'S	033°40.8'E	0.974	68.6	40.3	101.4	03m05.3s
08:55	09°01.4'S	034°54.0'E	0.974	69.5	33.8	100.7	03m05.4s
09:00	09°42.4'S	036°06.5'E	0.974	70.2	26.7	100.2	03m05.6s
09:05	10°24.6'S	037°18.4'E	0.974	70.5	19.3	99.9	03m05.6s
09:10	11°07.8'S	038°30.3'E	0.974	70.4	11.8	99.6	03m05.6s
09:15	11°52.2'S	039°42.3'E	0.974	70.0	4.4	99.5	03m05.5s
09:20	12°37.7'S	040°55.0'E	0.973	69.3	357.3	99.5	03m05.3s
09:25	13°24.4'S	042°08.7'E	0.973	68.3	350.8	99.6	03m05.1s
09:30	14°12.3'S	043°23.8'E	0.973	67.0	344.8	99.9	03m04.8s
09:35	15°01.5'S	044°40.8'E	0.973	65.4	339.5	100.4	03m04.5s
09:40	15°51.9'S	046°00.1'E	0.973	63.7	334.7	101.0	03m04.1s
09:45	16°43.8'S	047°22.4'E	0.972	61.8	330.4	101.7	03m03.6s
09:50	17°37.2'S	048°48.2'E	0.972	59.7	326.5	102.7	03m03.1s
09:55	18°32.2'S	050°18.3'E	0.972	57.4	323.0	103.8	03m02.6s
10:00	19°29.0'S	051°53.5'E	0.971	55.0	319.9	105.1	03m02.0s
10:05	20°27.6'S	053°35.0'E	0.971	52.4	316.9	106.7	03m01.3s
10:10	21°28.5'S	055°24.1'E	0.970	49.7	314.2	108.4	03m00.6s
10:15	22°31.7'S	057°22.4'E	0.970	46.8	311.5	110.4	02m59.8s
10:20	23°37.8'S	059°32.3'E	0.969	43.7	309.0	112.7	02m58.9s
10:25	24°47.1'S	061°56.7'E	0.969	40.4	306.5	115.4	02m58.0s
10:30	26°00.5'S	064°40.2'E	0.968	36.7	303.9	118.5	02m56.9s
10:35	27°19.0'S	067°49.7'E	0.967	32.7	301.2	122.1	02m55.8s
10:40	28°44.5'S	071°36.8'E	0.966	28.1	298.3	126.5	02m54.4s
10:45	30°20.5'S	076°25.1'E	0.964	22.7	294.9	132.0	02m52.9s
10:50	32°16.6'S	083°18.0'E	0.962	15.5	290.3	139.7	02m50.8s
10:54.5	35°37.9'S	100°32.4'E	0.958	0.0	279.9	157.8	02m46.7s

"Eclipses During 2016", Fred Espenak,
Observer's Handbook 2016, Royal Astronomical Society of Canada