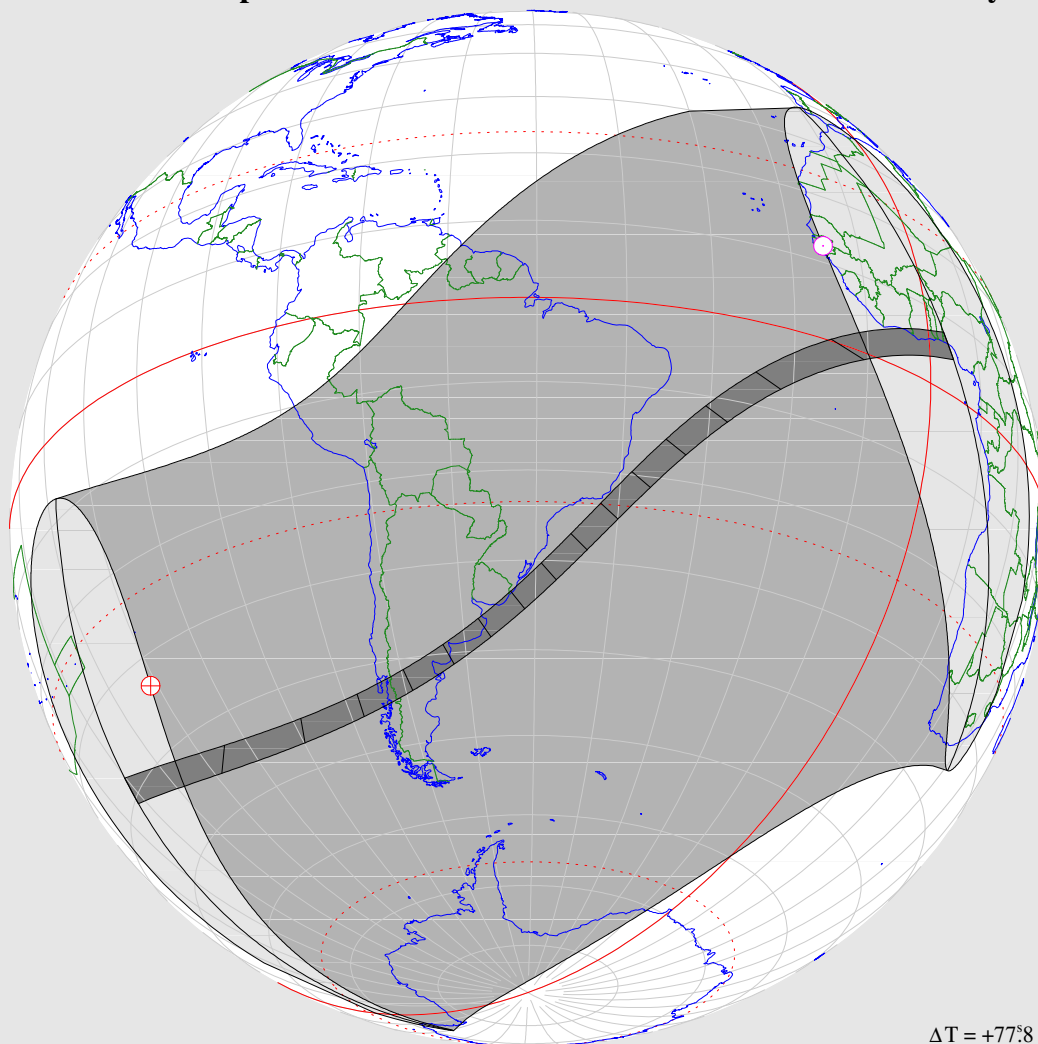


# I. - Annular Eclipse of the Sun

2027 February 06



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ΔT = +77:8  
Globe centred on W 51:0 and S 26:5

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	12 57.5	W111 19.2	S 33 03.7
Beginning of northern limit of penumbra	13 56.5	W117 44.3	S 7 32.1
Beginning of northern limit of umbra	14 05.7	W130 20.0	S 37 39.8
Beginning of centre line; central eclipse begins	14 07.0	W131 18.9	S 39 05.4
Beginning of southern limit of umbra	14 08.3	W132 20.9	S 40 31.4
Beginning of southern limit of penumbra	15 05.4	E 158 55.2	S 73 18.7
Central eclipse at local apparent noon	15 44.3	W 52 34.3	S 34 32.2
End of southern limit of penumbra	16 54.1	E 31 16.9	S 35 11.8
End of southern limit of umbra	17 50.8	E 4 29.0	N 4 43.5
End of centre line; central eclipse ends	17 52.2	E 3 44.5	N 6 11.4
End of northern limit of umbra	17 53.4	E 3 01.2	N 7 38.4
End of northern limit of penumbra	18 02.2	W 9 28.2	N 37 46.9
⊙ Eclipse ends; last contact with Earth	19 01.5	W 15 21.4	N 12 20.8