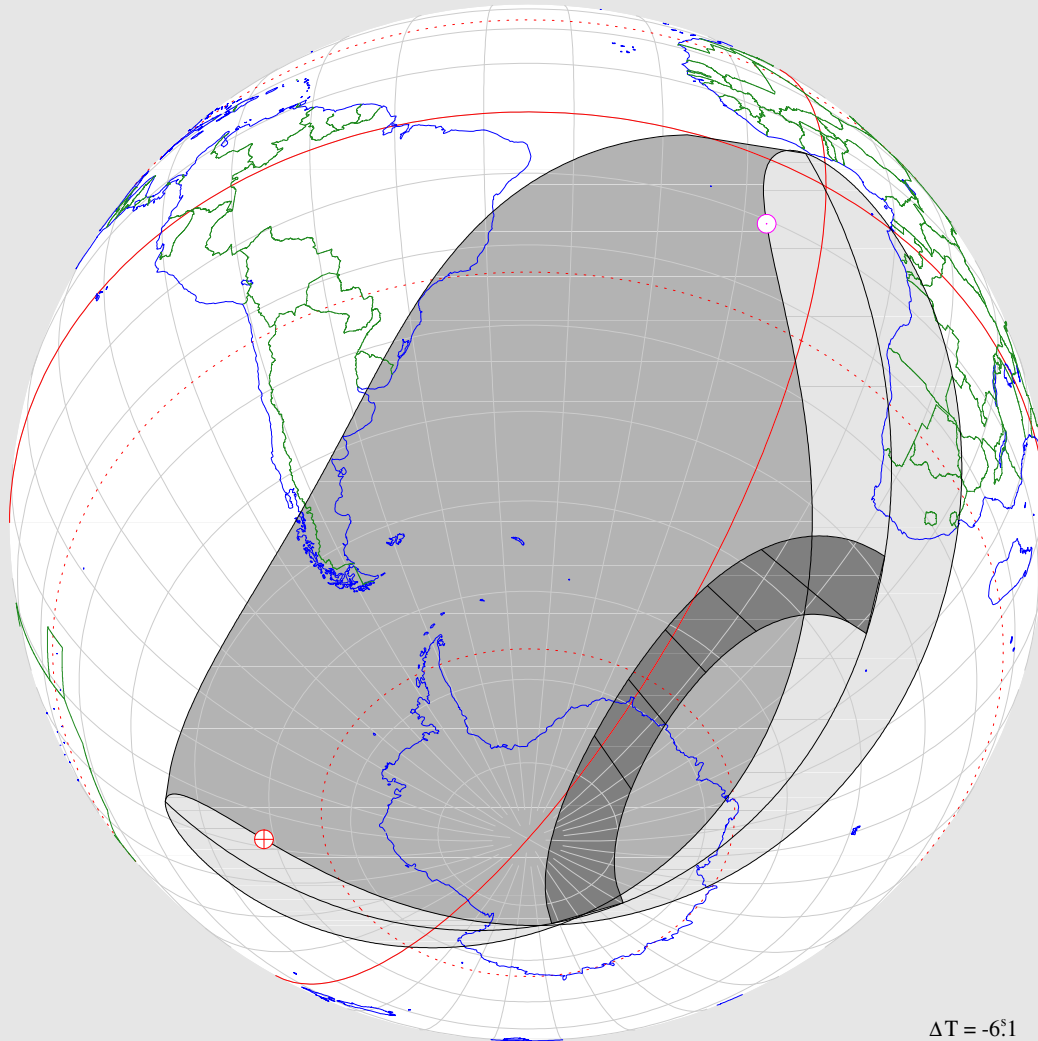


I. - Annular Eclipse of the Sun

1896 February 13



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$\Delta T = -6^s.1$
Globe centred on W 35°1' and S 52°4'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	13 53.8	W137 43.5	S 58 32.0
Beginning of northern limit of penumbra	14 26.1	W136 25.3	S 44 28.9
Beginning of northern limit of umbra	15 32.0	E 133 32.3	S 76 36.9
Beginning of centre line; central eclipse begins	15 38.7	E 117 06.4	S 76 21.3
Beginning of southern limit of umbra	15 46.6	E 99 32.5	S 75 01.1
End of southern limit of umbra	17 00.5	E 32 10.7	S 44 56.8
End of centre line; central eclipse ends	17 08.5	E 28 25.1	S 41 04.0
End of northern limit of umbra	17 15.1	E 25 24.5	S 37 44.8
End of northern limit of penumbra	18 20.8	W 2 37.5	N 4 19.6
⊙ Eclipse ends; last contact with Earth	18 53.2	W 7 10.6	S 10 32.4