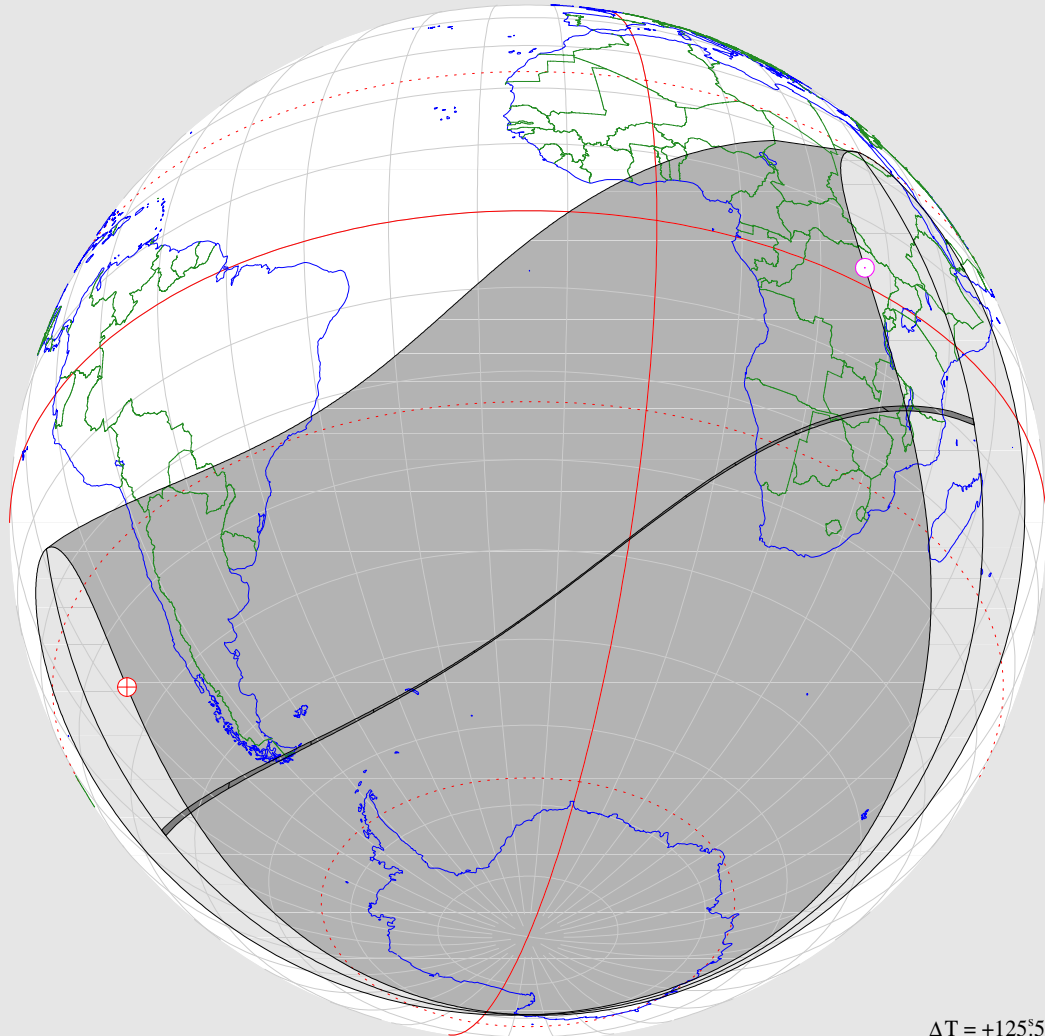


I. - Annular Eclipse of the Sun

1618 January 26



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$\Delta T = +125^s.5$
Globe centred on W 14°4 and S 37°0

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	11 03.9	W 86 40.1	S 35 41.6
Beginning of northern limit of penumbra	11 47.0	W 88 37.1	S 15 08.0
Beginning of northern limit of umbra	12 08.5	W108 24.3	S 44 52.6
Beginning of centre line; central eclipse begins	12 08.9	W108 43.2	S 45 11.0
Beginning of southern limit of umbra	12 09.2	W109 02.3	S 45 29.4
Central eclipse at local apparent noon	13 25.8	W 18 04.5	S 48 58.3
End of southern limit of umbra	15 20.2	E 45 56.1	S 7 42.7
End of centre line; central eclipse ends	15 20.6	E 45 44.5	S 7 24.4
End of northern limit of umbra	15 20.9	E 45 33.0	S 7 06.2
End of northern limit of penumbra	15 42.1	E 29 28.8	N23 19.2
⊙ Eclipse ends; last contact with Earth	16 25.3	E 26 11.4	N 2 31.3