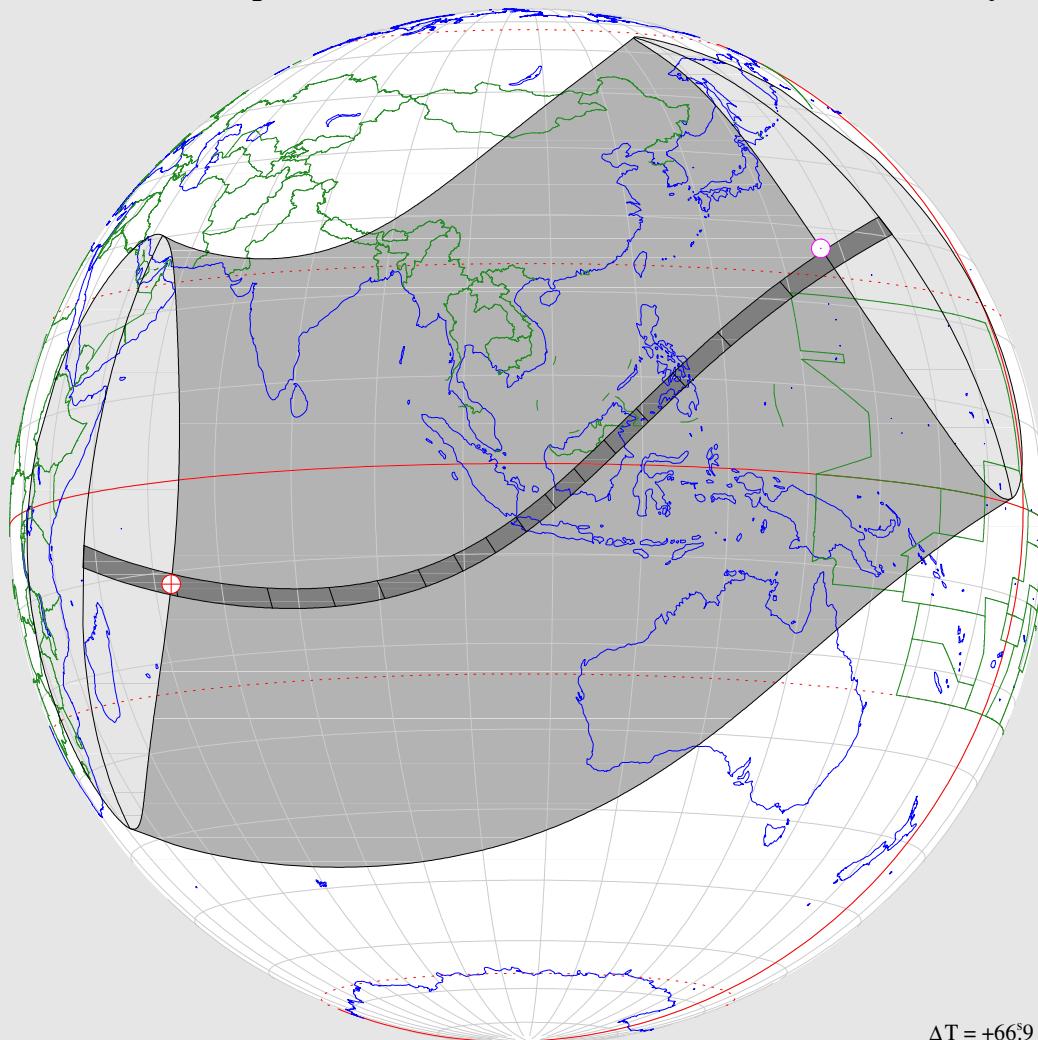


II. - Annular Eclipse of the Sun

1637 January 26



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$\Delta T = +66^s 9$
Globe centred on E 107°2 and S 7°0

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	1 47.4	E 62 36.4	S 11 23.2
Beginning of southern limit of umbra	2 54.3	E 47 03.5	S 8 02.3
Beginning of centre line; central eclipse begins	2 54.4	E 47 25.9	S 6 50.9
Beginning of northern limit of umbra	2 54.6	E 47 47.6	S 5 39.2
Beginning of southern limit of penumbra	3 07.6	E 31 22.5	S 37 36.6
Beginning of northern limit of penumbra	3 28.9	E 52 30.6	N 30 18.5
Central eclipse at local apparent noon	4 57.1	E 109 05.1	S 4 42.2
End of northern limit of penumbra	6 05.3	E 136 02.0	N 64 53.3
End of southern limit of penumbra	6 27.3	E 176 18.0	N 0 40.4
End of northern limit of umbra	6 40.0	E 160 49.5	N 32 45.3
End of centre line; central eclipse ends	6 40.3	E 161 19.7	N 31 36.4
End of southern limit of umbra	6 40.4	E 161 49.6	N 30 27.7
⊙ Eclipse ends; last contact with Earth	7 47.2	E 146 36.5	N 27 09.2