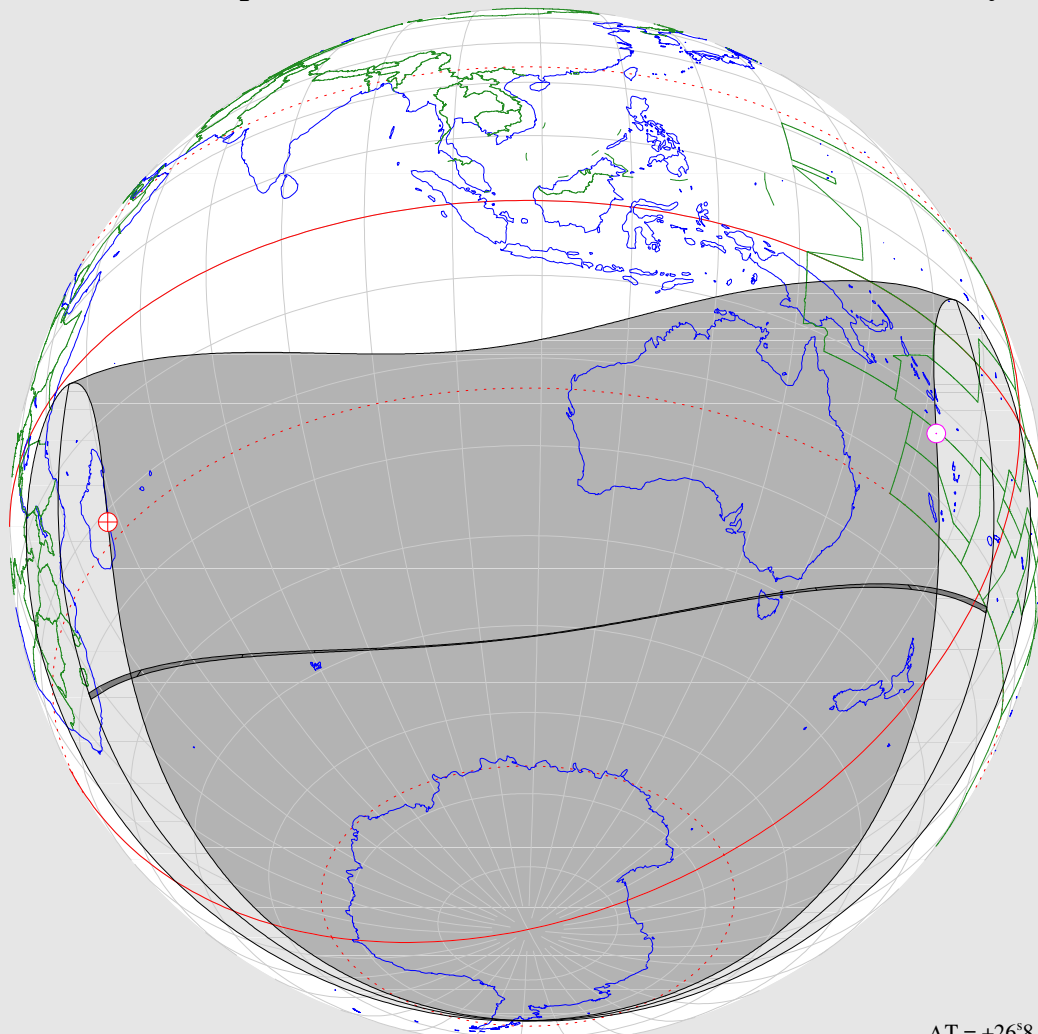


I. - Annular Eclipse of the Sun

1945 January 14



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$\Delta T = +26^s 8$
Globe centred on E 108°4' and S 39°0'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	2 22.0	E 48 00.7	S 21 12.5
Beginning of northern limit of penumbra	3 02.7	E 46 04.5	S 1 17.2
Beginning of northern limit of umbra	3 26.8	E 26 54.6	S 31 03.9
Beginning of centre line; central eclipse begins	3 27.2	E 26 39.6	S 31 21.1
Beginning of southern limit of umbra	3 27.5	E 26 24.4	S 31 38.4
Central eclipse at local apparent noon	4 57.3	E 107 55.5	S 51 17.8
End of southern limit of umbra	6 35.0	W 176 32.2	S 23 53.0
End of centre line; central eclipse ends	6 35.4	W 176 45.0	S 23 36.8
End of northern limit of umbra	6 35.7	W 176 57.7	S 23 20.6
End of northern limit of penumbra	6 59.8	E 164 42.9	N 6 36.8
⊙ Eclipse ends; last contact with Earth	7 40.5	E 162 28.0	S 13 21.8