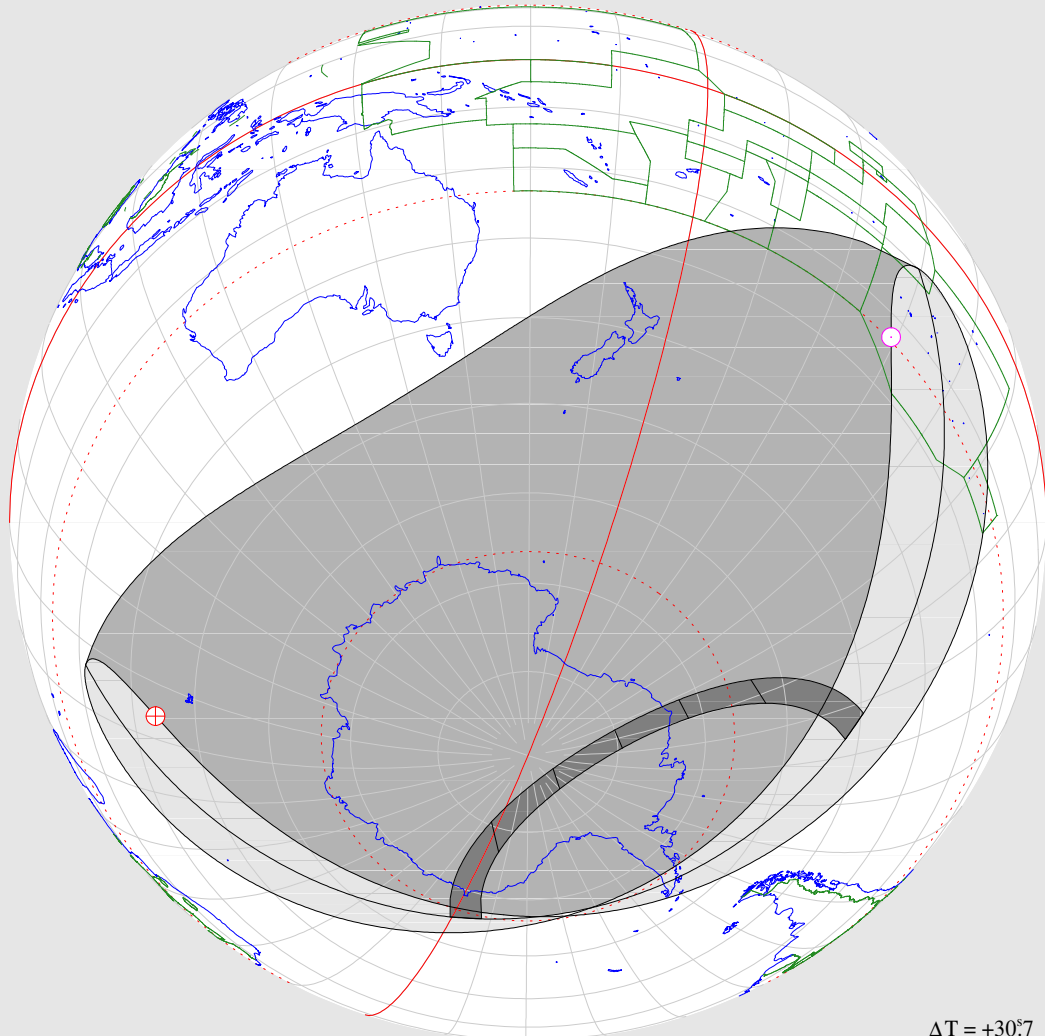


# I - Annular Eclipse of the Sun

1954 January 05



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$\Delta T = +30^m 7^s$   
Globe centred on E 159°7' and S 63°3'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	0 14.0	E 64 09.0	S 43 47.2
Beginning of northern limit of penumbra	0 39.7	E 66 37.6	S 31 18.0
Beginning of northern limit of umbra	1 49.0	E 0 29.1	S 64 58.2
Beginning of centre line; central eclipse begins	1 51.7	W 3 21.1	S 65 31.8
Beginning of southern limit of umbra	1 54.5	W 7 36.2	S 66 03.1
Central eclipse at local apperent midnight	2 10.2	W 31 15.2	S 85 02.2
End of southern limit of umbra	3 08.7	W103 37.4	S 51 56.7
End of centre line; central eclipse ends	3 11.5	W105 49.5	S 50 45.0
End of northern limit of umbra	3 14.1	W107 48.5	S 49 37.0
End of northern limit of penumbra	4 23.3	W150 22.0	S 9 51.5
○ Eclipse ends; last contact with Earth	4 49.0	W150 44.6	S 22 59.7