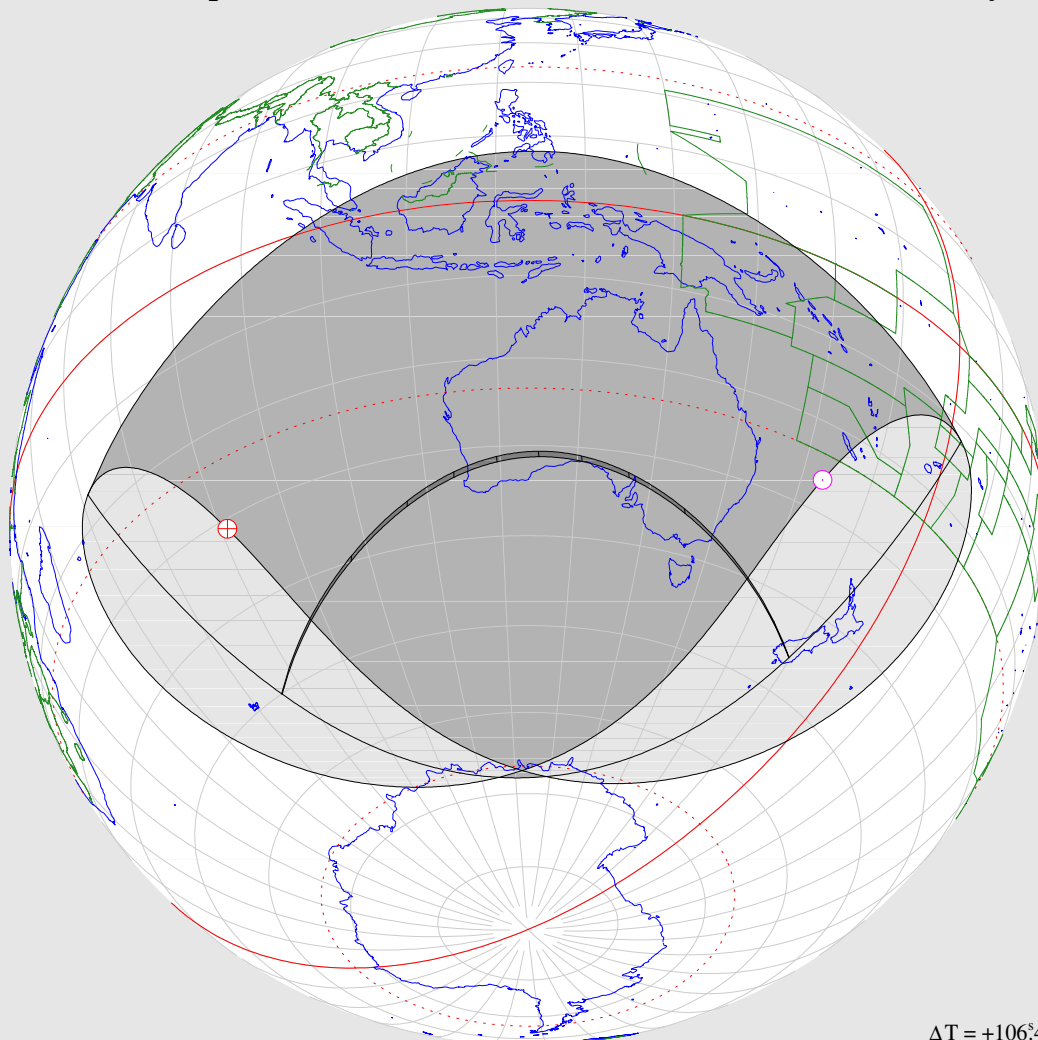


## II. - Total Eclipse of the Sun

2068 May 31



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$\Delta T = +106^s.4$   
Globe centred on E 123°6' and S 39°0'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	1 30.2	E 80 59.8	S 31 03.1
Beginning of northern limit of penumbra	2 19.9	E 61 20.1	S 16 24.7
Beginning of northern limit of umbra	2 49.1	E 75 57.1	S 49 57.8
Beginning of centre line; central eclipse begins	2 49.2	E 75 58.9	S 50 00.4
Beginning of southern limit of umbra	2 49.3	E 76 00.7	S 50 03.0
Central eclipse at local apparent noon	3 51.0	E 121 43.6	S 31 08.7
End of centre line; central eclipse ends	5 00.6	E 169 47.2	S 45 45.1
End of southern limit of umbra	5 00.5	E 169 46.4	S 45 46.6
End of northern limit of umbra	5 00.6	E 169 47.9	S 45 43.6
End of northern limit of penumbra	5 29.9	W 177 47.1	S 11 38.6
⊙ Eclipse ends; last contact with Earth	6 19.6	E 162 58.6	S 26 23.5