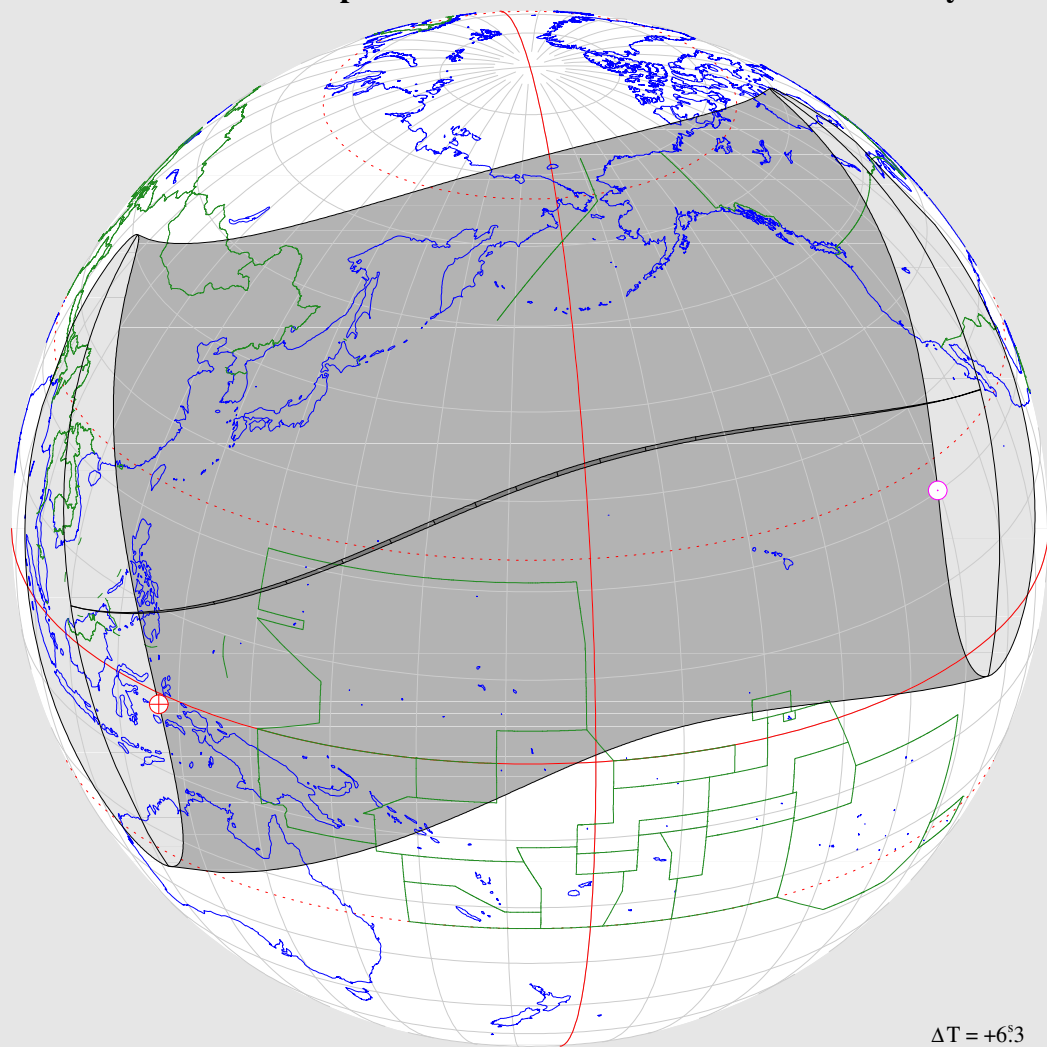


## II. - Annular-Total Eclipse of the Sun

1864 May 05-06



$\Delta T = +6^s.3$

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Globe centred on E 172°7' and N 27°0'

Circumstances	Time (UT)		Longitude	Latitude
	h	m	° /	° /
⊕ Eclipse begins; first contact with Earth	21	30.4	E 126 57.3	S 1 25.2
Beginning of southern limit of penumbra	22	23.9	E 121 36.9	S 26 21.6
Beginning of southern limit of umbra	22	31.4	E 110 08.6	N 3 50.0
Beginning of centre line; central eclipse begins	22	31.4	E 110 08.5	N 3 50.2
Beginning of northern limit of umbra	22	31.4	E 110 08.4	N 3 50.3
Beginning of northern limit of penumbra	23	16.7	E 85 06.7	N 40 44.6
Central eclipse at local apparent noon	0	22.3	E 173 32.0	N 32 14.1
End of northern limit of penumbra	1	16.4	W 78 06.4	N 60 36.6
End of southern limit of umbra	2	02.0	W 113 17.2	N 25 18.7
End of northern limit of umbra	2	01.9	W 113 15.5	N 25 21.7
End of centre line; central eclipse ends	2	01.9	W 113 16.4	N 25 20.2
End of southern limit of penumbra	2	09.6	W 124 45.4	S 4 53.0
⊙ Eclipse ends; last contact with Earth	3	03.0	W 130 23.3	N 20 07.3