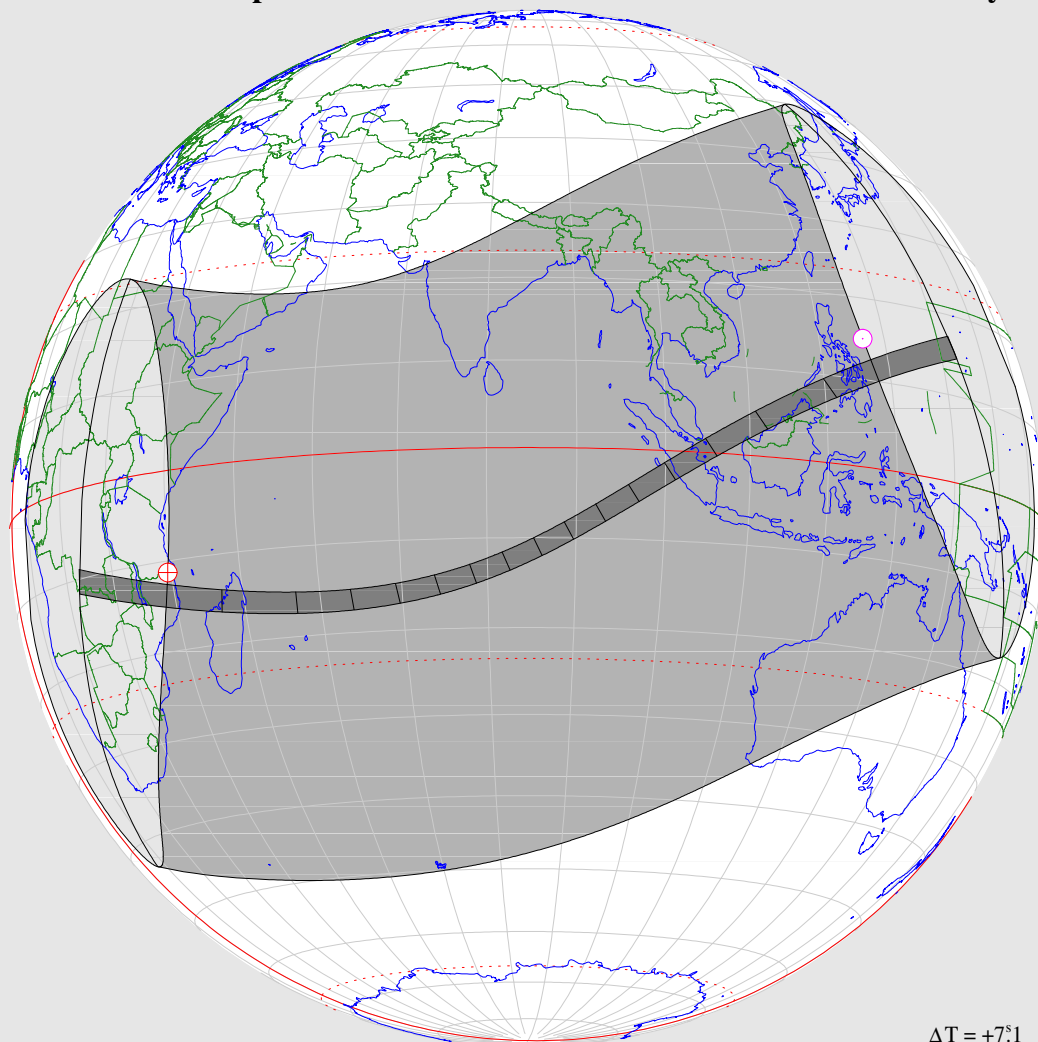


## II. - Annular Eclipse of the Sun

1850 February 12



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$\Delta T = +7^s.1$   
Globe centred on E 84°6' and S 9°0'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	3 25.4	E 39 28.8	S 11 15.9
Beginning of northern limit of umbra	4 32.2	E 23 22.7	S 8 56.1
Beginning of centre line; central eclipse begins	4 32.3	E 23 00.0	S 10 15.3
Beginning of southern limit of umbra	4 32.6	E 22 36.3	S 11 34.5
Beginning of northern limit of penumbra	4 50.2	E 27 24.2	N 24 08.0
Beginning of southern limit of penumbra	4 55.7	E 6 22.9	S 43 09.3
Central eclipse at local apparent noon	6 30.9	E 85 54.8	S 10 53.4
End of southern limit of penumbra	8 03.4	E 157 09.4	S 17 19.1
End of northern limit of penumbra	8 08.4	E 134 43.0	N 49 44.3
End of southern limit of umbra	8 26.4	E 143 23.0	N 14 36.5
End of centre line; central eclipse ends	8 26.6	E 142 59.1	N 15 54.5
End of northern limit of umbra	8 26.7	E 142 35.8	N 17 12.6
⊙ Eclipse ends; last contact with Earth	9 33.5	E 126 31.9	N 14 54.1