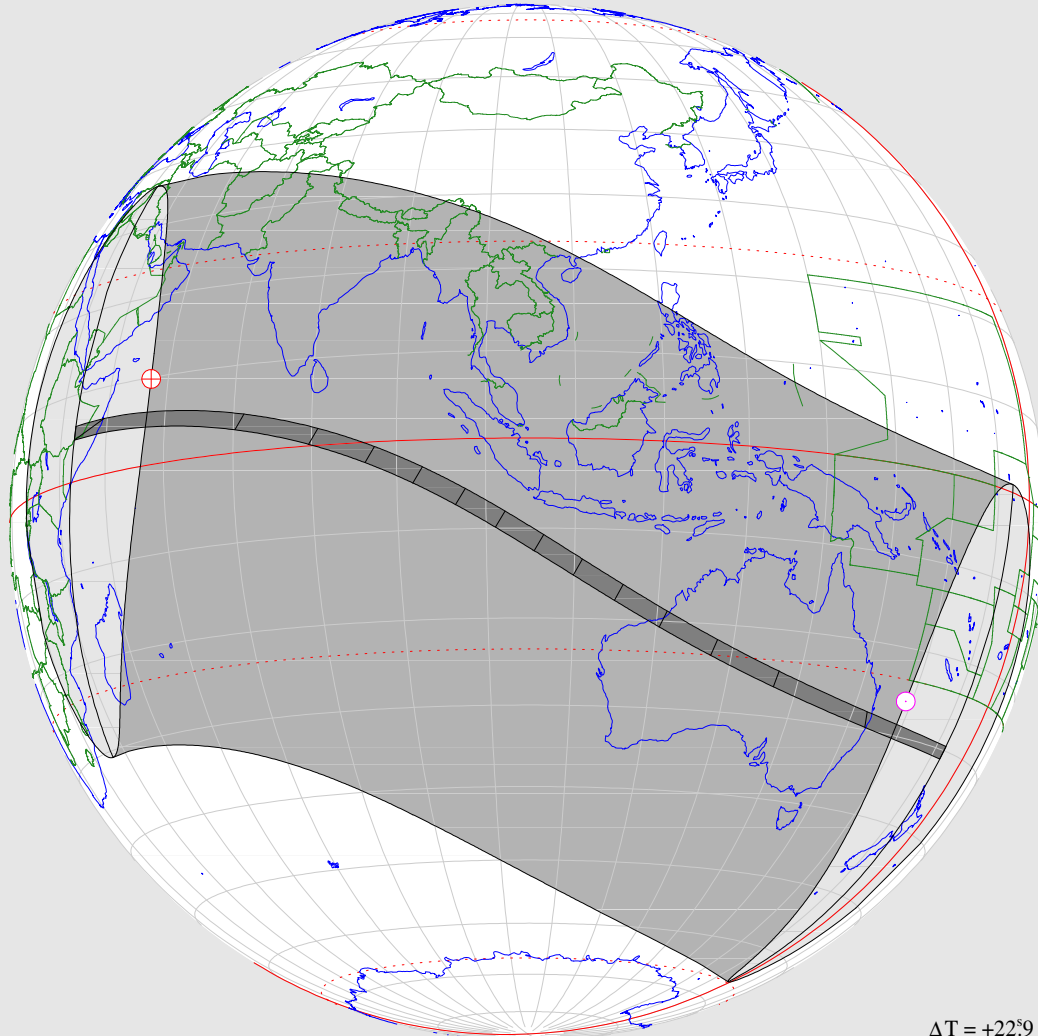


IV. - Total Eclipse of the Sun

1922 September 21



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ΔT = +22:9
Globe centred on E 104°7' and S 9°4'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	2 04.1	E 57 09.2	N 9 50.6
Beginning of northern limit of umbra	2 59.5	E 43 22.6	N 6 16.3
Beginning of centre line; central eclipse begins	2 59.7	E 43 19.5	N 5 30.1
Beginning of southern limit of umbra	3 00.0	E 43 15.9	N 4 43.7
Beginning of northern limit of penumbra	3 03.2	E 41 45.7	N 36 38.5
Beginning of southern limit of penumbra	3 31.5	E 36 06.7	S 30 43.4
Central eclipse at local apparent noon	4 47.1	E 106 33.7	S 11 58.8
End of southern limit of penumbra	5 48.4	E 178 55.3	S 66 20.5
End of northern limit of penumbra	6 17.2	E 174 03.4	N 0 54.8
End of southern limit of umbra	6 20.1	E 172 41.8	S 31 00.7
End of centre line; central eclipse ends	6 20.5	E 172 38.4	S 30 14.5
End of northern limit of umbra	6 20.7	E 172 35.4	S 29 28.3
⊙ Eclipse ends; last contact with Earth	7 16.1	E 158 49.5	S 25 54.2