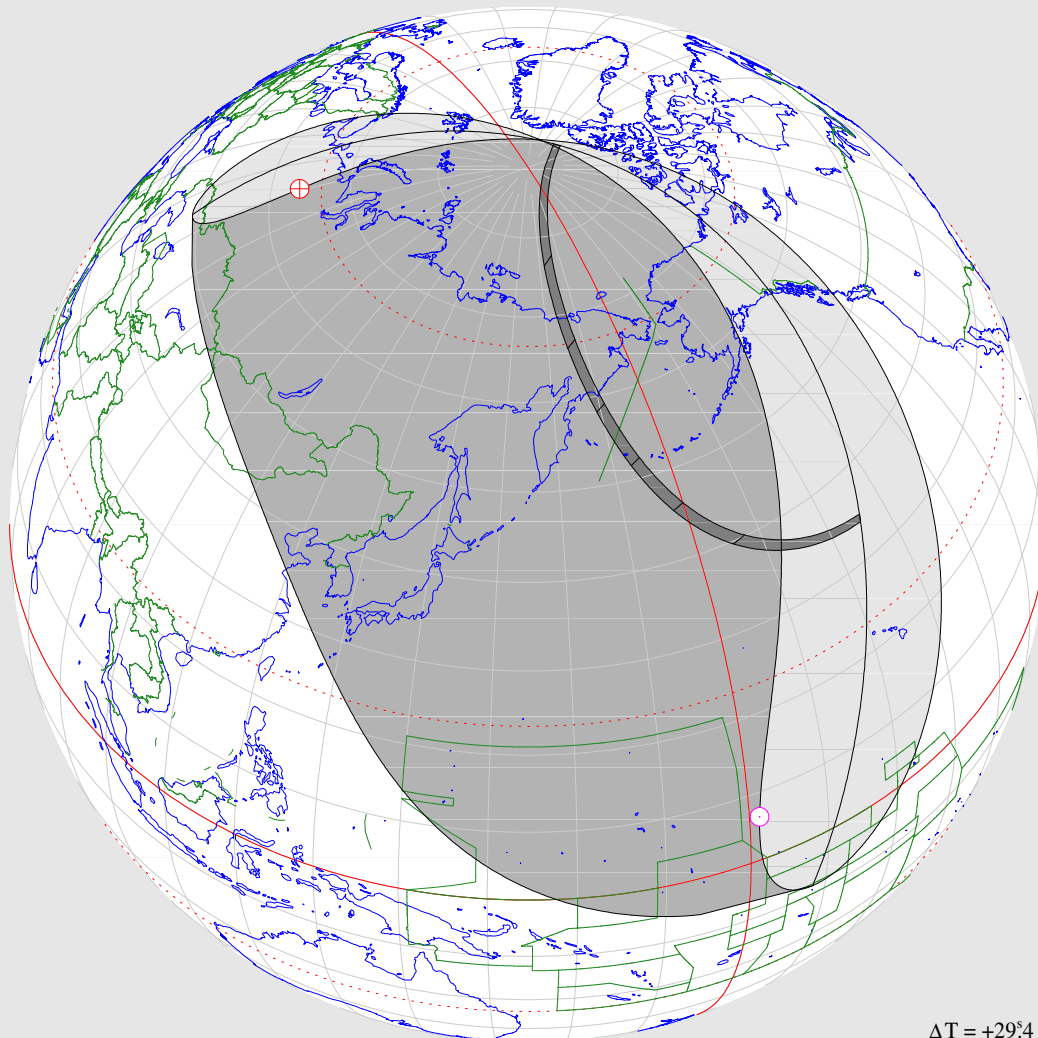


III. - Total Eclipse of the Sun

1950 September 12



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$\Delta T = +29^s.4$
Globe centred on E 154^o.5 and N 46^o.4

Circumstances	Time (UT)	Longitude	Latitude
	^h / ^m	^o / [']	^o / [']
⊕ Eclipse begins; first contact with Earth	1 23.2	E 59 14.6	N63 44.8
Beginning of southern limit of penumbra	1 55.7	E 55 04.5	N49 00.0
Beginning of southern limit of umbra	2 49.5	W 62 41.9	N85 17.6
Beginning of centre line; central eclipse begins	2 50.2	W 66 59.9	N85 09.5
Beginning of northern limit of umbra	2 50.8	W 71 06.5	N84 59.8
End of northern limit of umbra	4 26.3	W154 21.5	N34 48.2
End of centre line; central eclipse ends	4 26.9	W154 34.3	N34 24.4
End of southern limit of umbra	4 27.6	W154 46.9	N34 00.8
End of southern limit of penumbra	5 21.0	W171 46.7	S 8 23.0
⊙ Eclipse ends; last contact with Earth	5 53.6	W178 46.3	N 6 34.2