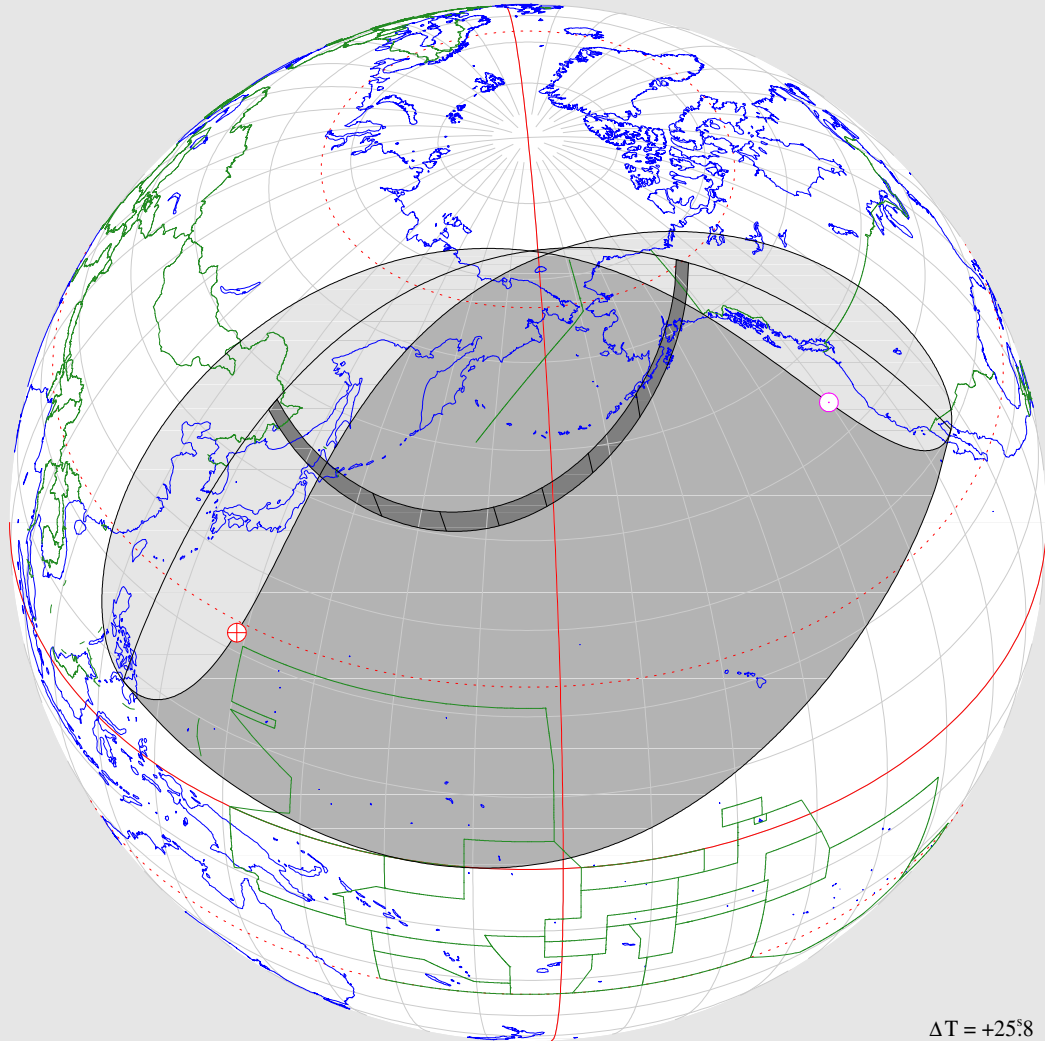


# I. - Total Eclipse of the Sun

1943 February 04-05



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$\Delta T = +25^s 8$   
Globe centred on E 176°1 and N 42°0

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	21 26.3	E 138 46.1	N 22 10.5
Beginning of southern limit of penumbra	22 06.9	E 124 05.6	N 7 54.7
Beginning of southern limit of umbra	22 46.4	E 129 41.0	N 46 17.9
Beginning of centre line; central eclipse begins	22 47.6	E 129 51.3	N 47 01.2
Beginning of northern limit of umbra	22 48.8	E 130 02.3	N 47 45.6
Central eclipse at local apparent noon	23 56.3	W 175 33.7	N 47 11.5
End of northern limit of umbra	0 26.4	W 136 39.1	N 67 04.5
End of centre line; central eclipse ends	0 27.6	W 135 31.1	N 66 30.7
End of southern limit of umbra	0 28.8	W 134 28.3	N 65 57.1
End of southern limit of penumbra	1 08.4	W 113 19.4	N 30 05.2
⊙ Eclipse ends; last contact with Earth	1 49.1	W 130 05.3	N 44 00.2