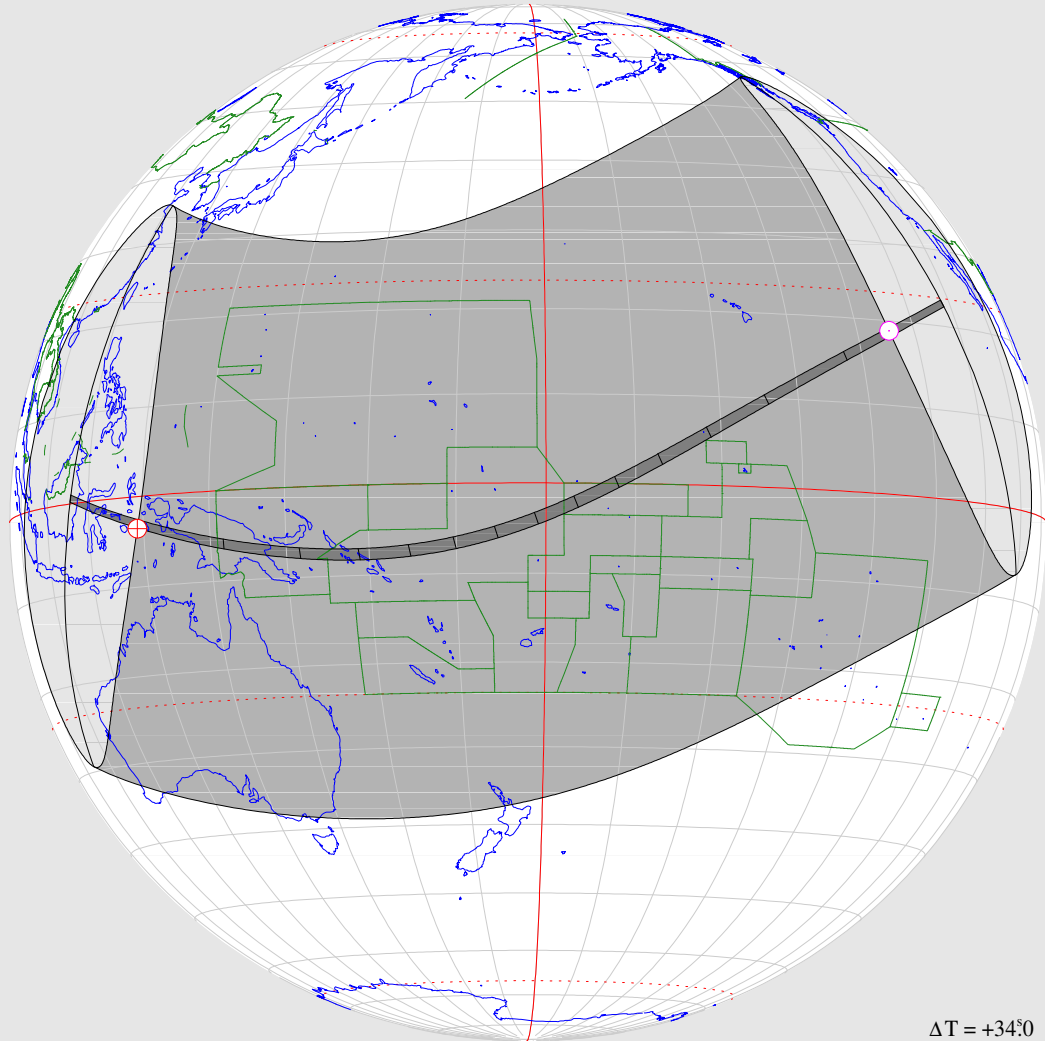


# I. - Total Eclipse of the Sun

1962 February 04-05



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$\Delta T = +34^s$   
Globe centred on E 178°0 and S 4°4

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	21 34.0	E 128 58.5	S 3 33.1
Beginning of southern limit of umbra	22 30.7	E 115 53.6	N 0 12.4
Beginning of centre line; central eclipse begins	22 30.8	E 115 59.4	N 0 35.4
Beginning of northern limit of umbra	22 30.8	E 116 05.1	N 0 58.3
Beginning of southern limit of penumbra	22 40.4	E 104 01.1	S 29 23.2
Beginning of northern limit of penumbra	22 58.2	E 120 49.7	N 35 24.0
Central eclipse at local apparent noon	0 16.5	E 179 22.6	S 3 44.3
End of northern limit of penumbra	1 25.6	W 133 49.8	N 56 32.5
End of southern limit of penumbra	1 43.8	W 110 21.7	S 7 09.7
End of northern limit of umbra	1 53.2	W 121 56.2	N 23 16.5
End of centre line; central eclipse ends	1 53.3	W 121 49.2	N 22 53.1
End of southern limit of umbra	1 53.3	W 121 42.2	N 22 29.8
⊙ Eclipse ends; last contact with Earth	2 50.0	W 134 37.8	N 18 46.4