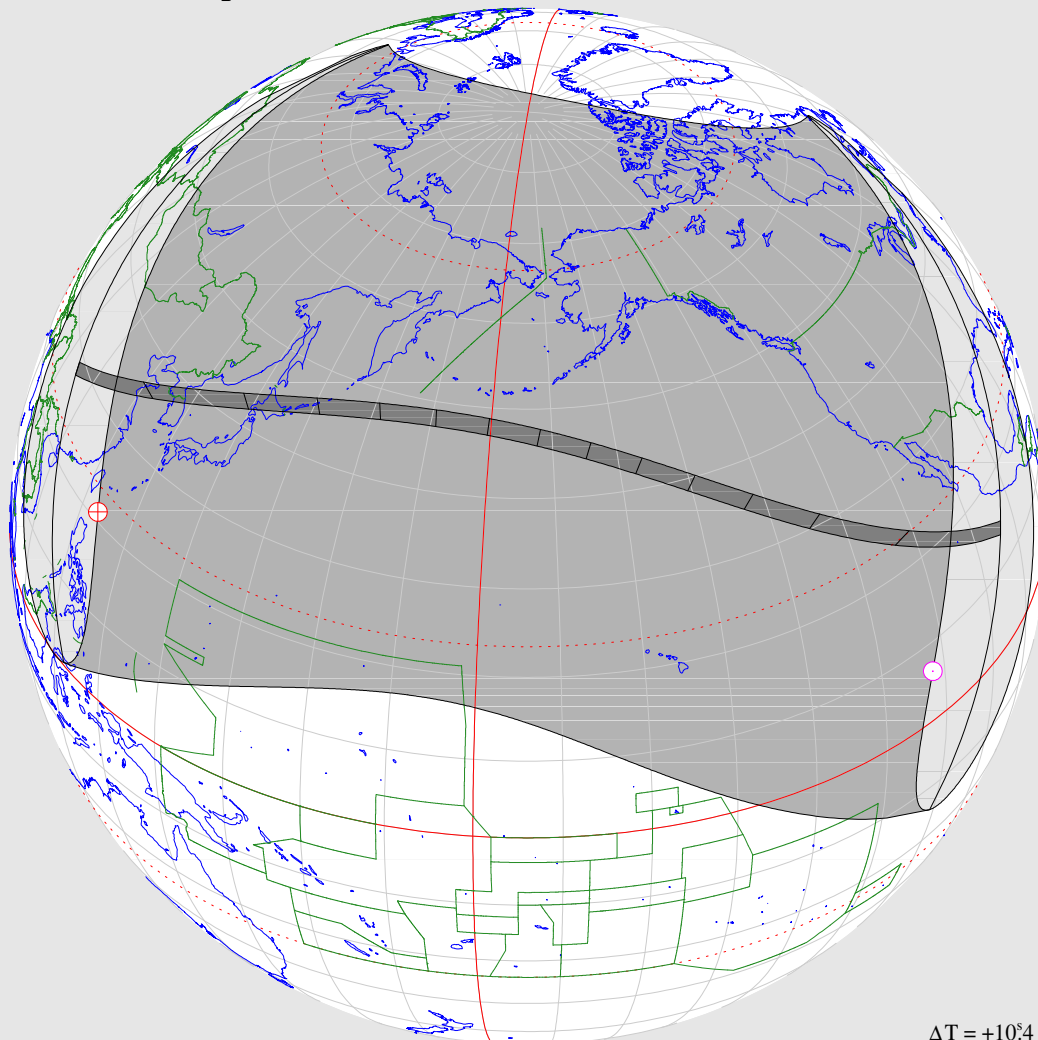


### III. - Total Eclipse of the Sun

1824 June 26-27



$\Delta T = +10^s.4$

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Globe centred on W 173°9' and N 36°9'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	21	10.7	E 123	26.1	N 20	56.7
Beginning of southern limit of penumbra	21	52.0	E 122	29.1	N 0	20.6
Beginning of southern limit of umbra	22	09.4	E 105	01.6	N 27	56.4
Beginning of centre line; central eclipse begins	22	10.1	E 104	31.3	N 28	32.3
Beginning of northern limit of umbra	22	10.7	E 104	00.3	N 29	08.3
Beginning of northern limit of penumbra	23	11.8	E 43	07.7	N 63	23.2
Central eclipse at local apparent noon	23	40.6	W 174	31.4	N 47	09.4
End of northern limit of penumbra	0	21.1	W 59	01.4	N 53	26.6
End of northern limit of umbra	1	22.0	W 103	19.3	N 14	48.7
End of centre line; central eclipse ends	1	22.7	W 103	47.1	N 14	10.9
End of southern limit of umbra	1	23.4	W 104	14.5	N 13	33.3
End of southern limit of penumbra	1	40.7	W 120	49.3	S 14	12.3
⊙ Eclipse ends; last contact with Earth	2	22.0	W 122	04.5	N 6	27.3