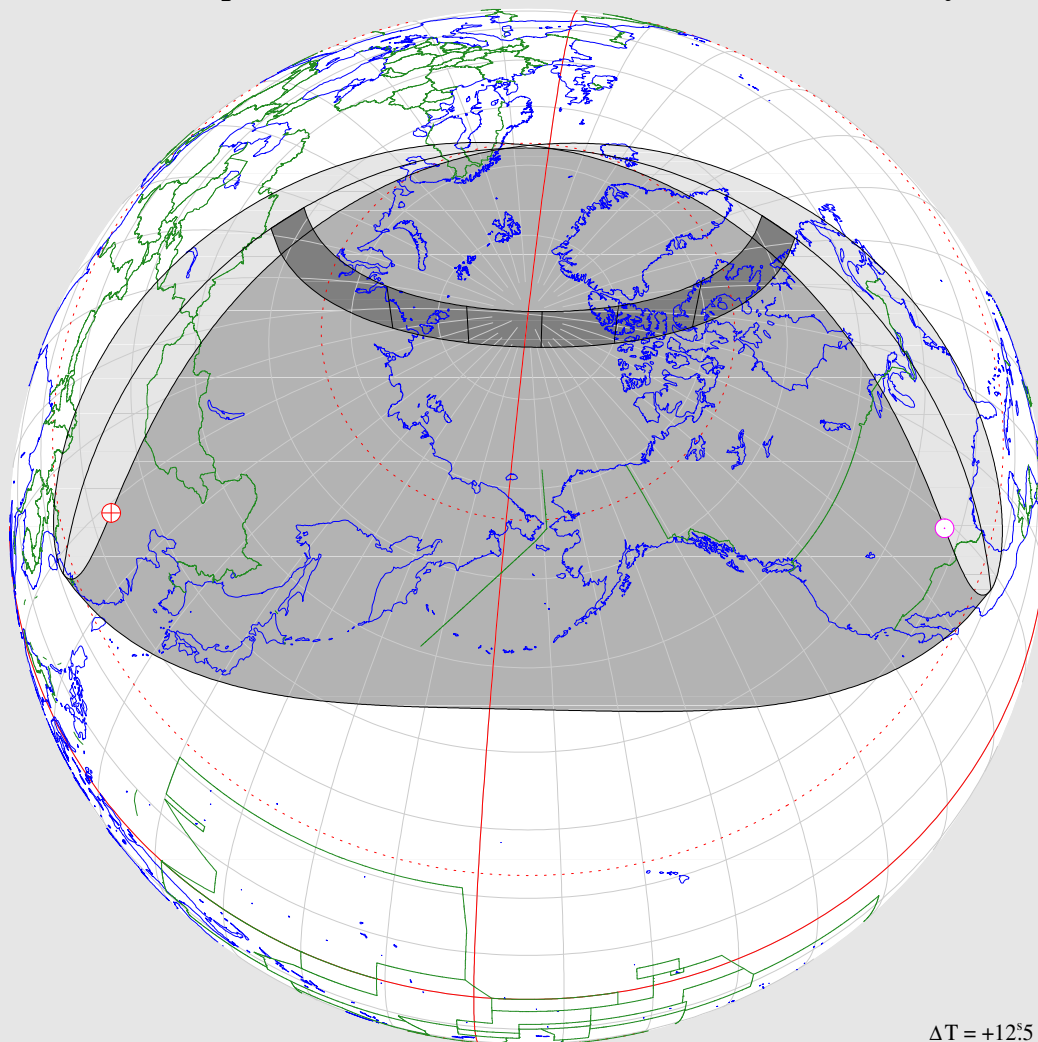


III. - Total Eclipse of the Sun

1815 July 06-07



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$\Delta T = +12^s.5$
Globe centred on W 174°0 and N 65°8

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	21 34.7	E 111 15.2	N 33 32.9
Beginning of southern limit of penumbra	21 58.5	E 112 11.8	N 20 58.1
Beginning of southern limit of umbra	22 56.5	E 68 31.4	N 55 59.9
Beginning of centre line; central eclipse begins	22 59.6	E 65 27.8	N 57 16.7
Beginning of northern limit of umbra	23 02.9	E 61 59.3	N 58 36.2
Central eclipse at local apparent noon	23 42.2	W 174 29.3	N 88 08.1
End of northern limit of umbra	0 22.9	W 52 31.8	N 58 01.5
End of centre line; central eclipse ends	0 26.2	W 55 56.5	N 56 40.0
End of southern limit of umbra	0 29.3	W 58 56.9	N 55 21.5
End of southern limit of penumbra	1 27.3	W 101 54.6	N 20 11.0
⊙ Eclipse ends; last contact with Earth	1 51.1	W 101 04.0	N 32 47.0