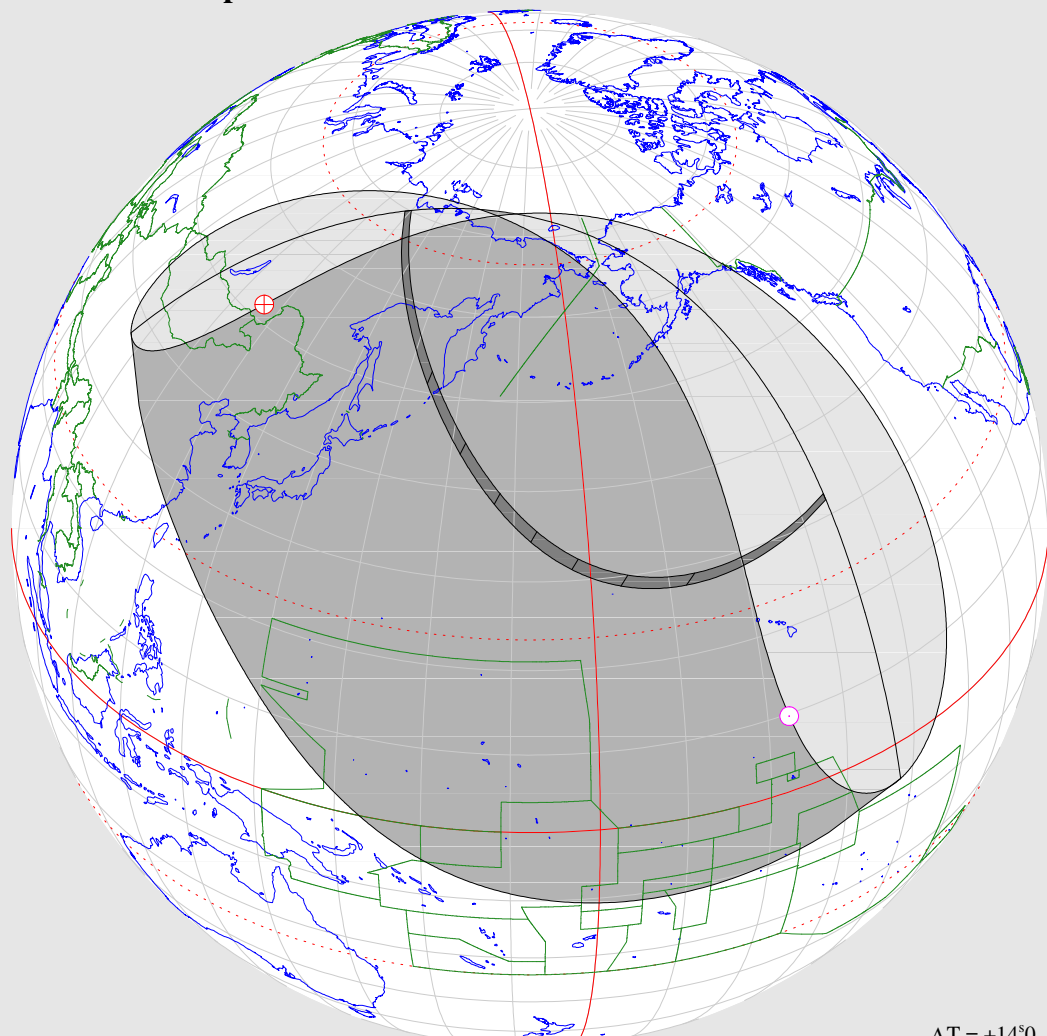


III. - Total Eclipse of the Sun

1798 November 07-08



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$\Delta T = +14^s 0$
Globe centred on E 172°2 and N 35°9

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	23 27.6	E 116 19.0	N 51 44.6
Beginning of southern limit of penumbra	0 11.1	E 96 26.1	N 37 26.7
Beginning of southern limit of umbra	0 45.2	E 128 15.7	N 69 38.6
Beginning of centre line; central eclipse begins	0 45.8	E 129 05.4	N 69 52.3
Beginning of northern limit of umbra	0 46.3	E 129 56.8	N 70 05.9
Central eclipse at local apparent noon	1 08.6	E 158 51.2	N 47 11.4
End of northern limit of umbra	2 42.8	W 145 40.8	N 32 27.5
End of centre line; central eclipse ends	2 43.4	W 145 39.9	N 32 05.2
End of southern limit of umbra	2 44.0	W 145 38.9	N 31 43.1
End of southern limit of penumbra	3 17.9	W 141 52.3	S 5 21.9
○ Eclipse ends; last contact with Earth	4 01.5	W 157 19.0	N 9 42.0