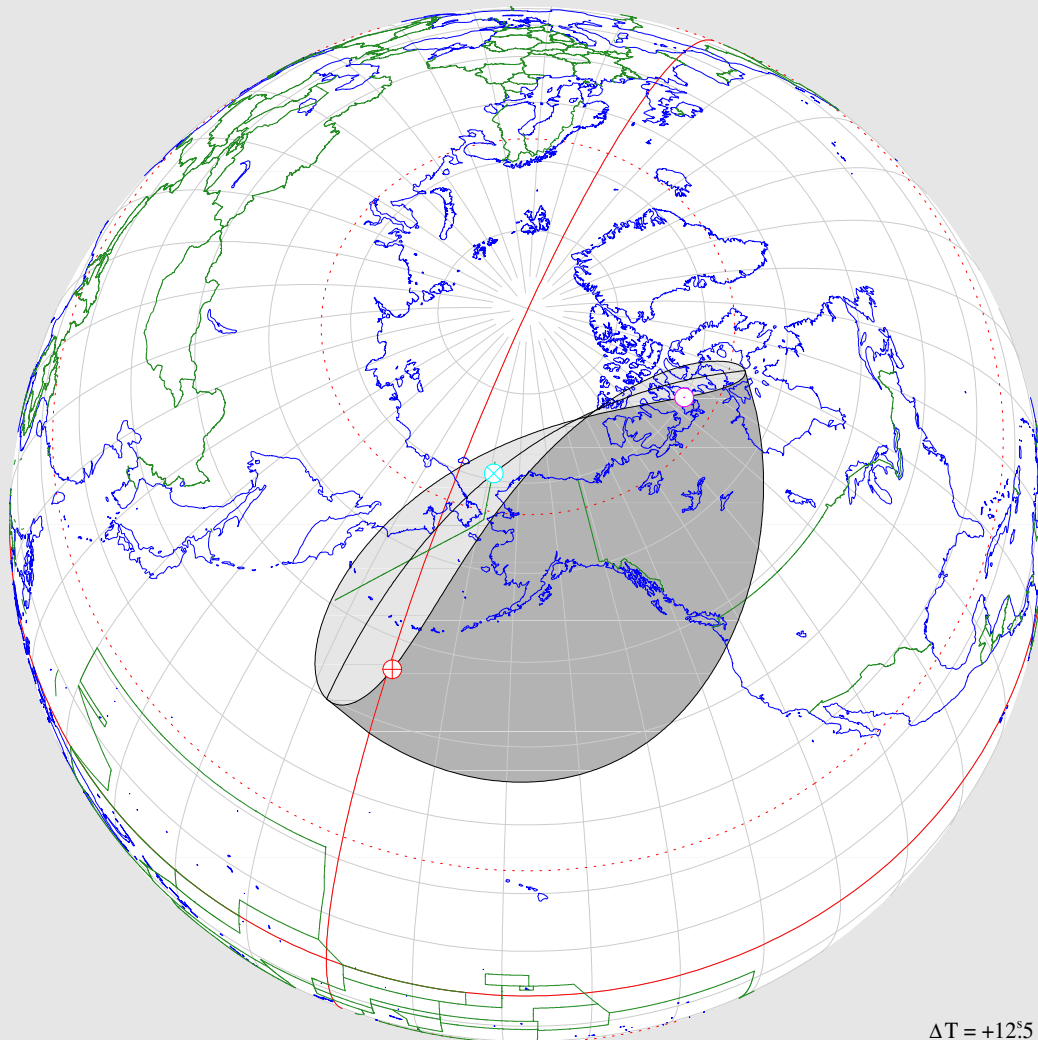


I. - Partial Eclipse of the Sun

1812 February 12



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$\Delta T = +12^s.5$
Globe centred on W 157°1' and N 65°4'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	19 12.2	W179 23.7	N46 22.9
Beginning of southern limit of penumbra	19 32.0	E172 30.6	N39 48.6
⊗ Greatest eclipse (magnitude = 0.3425)	20 28.4	W168 38.1	N70 43.4
End of southern limit of penumbra	21 24.5	W 78 51.1	N64 40.5
○ Eclipse ends; last contact with Earth	21 44.3	W 95 07.7	N70 02.5