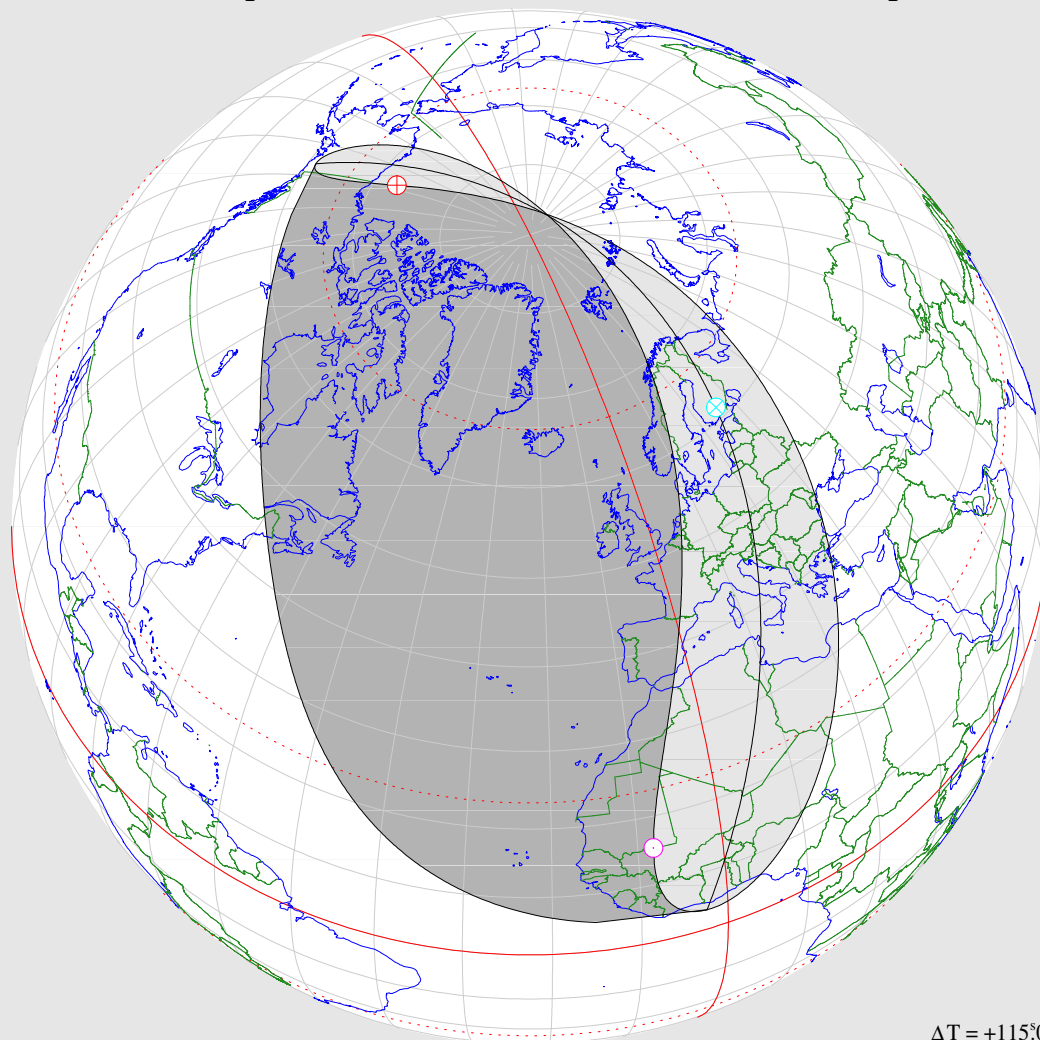


III. - Partial Eclipse of the Sun

2080 September 13



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$\Delta T = +115^s 0$
Globe centred on W 22°5' and N 55°7'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	14 41.1	W142 02.1	N72 49.7
Beginning of southern limit of penumbra	15 06.6	W143 41.9	N61 07.2
⊗ Greatest eclipse (magnitude = 0.8748)	16 36.2	E 25 46.2	N61 17.0
End of southern limit of penumbra	18 06.2	W 2 28.5	N 3 37.0
◯ Eclipse ends; last contact with Earth	18 31.9	W 8 11.4	N15 34.0