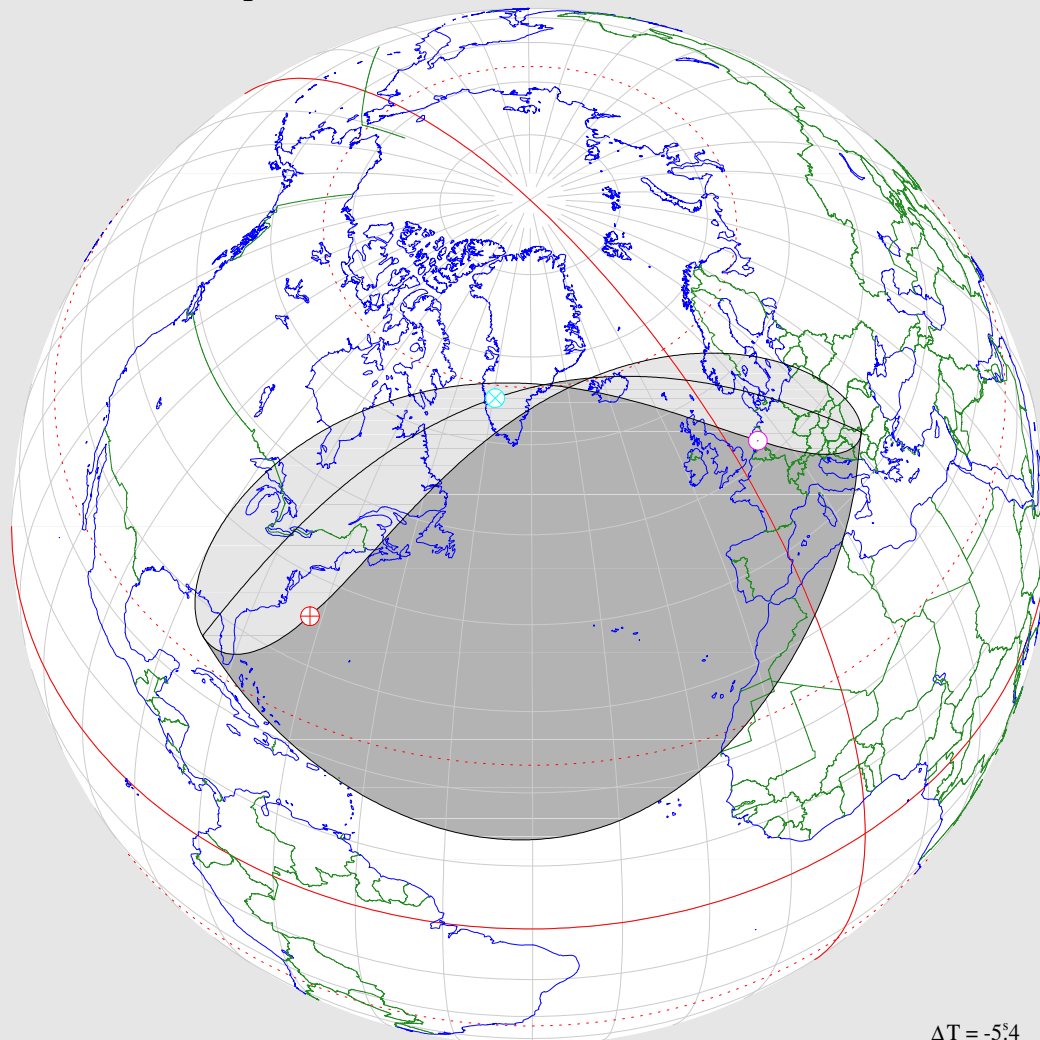


VI. - Partial Eclipse of the Sun

1880 December 31



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$\Delta T = -5^s.4$
Globe centred on W 40°3 and N 50°9

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	12 01.1	W 71 43.3	N35 30.4
Beginning of southern limit of penumbra	12 33.3	W 85 11.1	N26 30.8
⊗ Greatest eclipse (magnitude = 0.7100)	13 45.1	W 49 26.5	N65 00.7
End of southern limit of penumbra	14 56.7	E 22 26.0	N44 00.7
○ Eclipse ends; last contact with Earth	15 28.9	E 5 27.9	N52 09.1