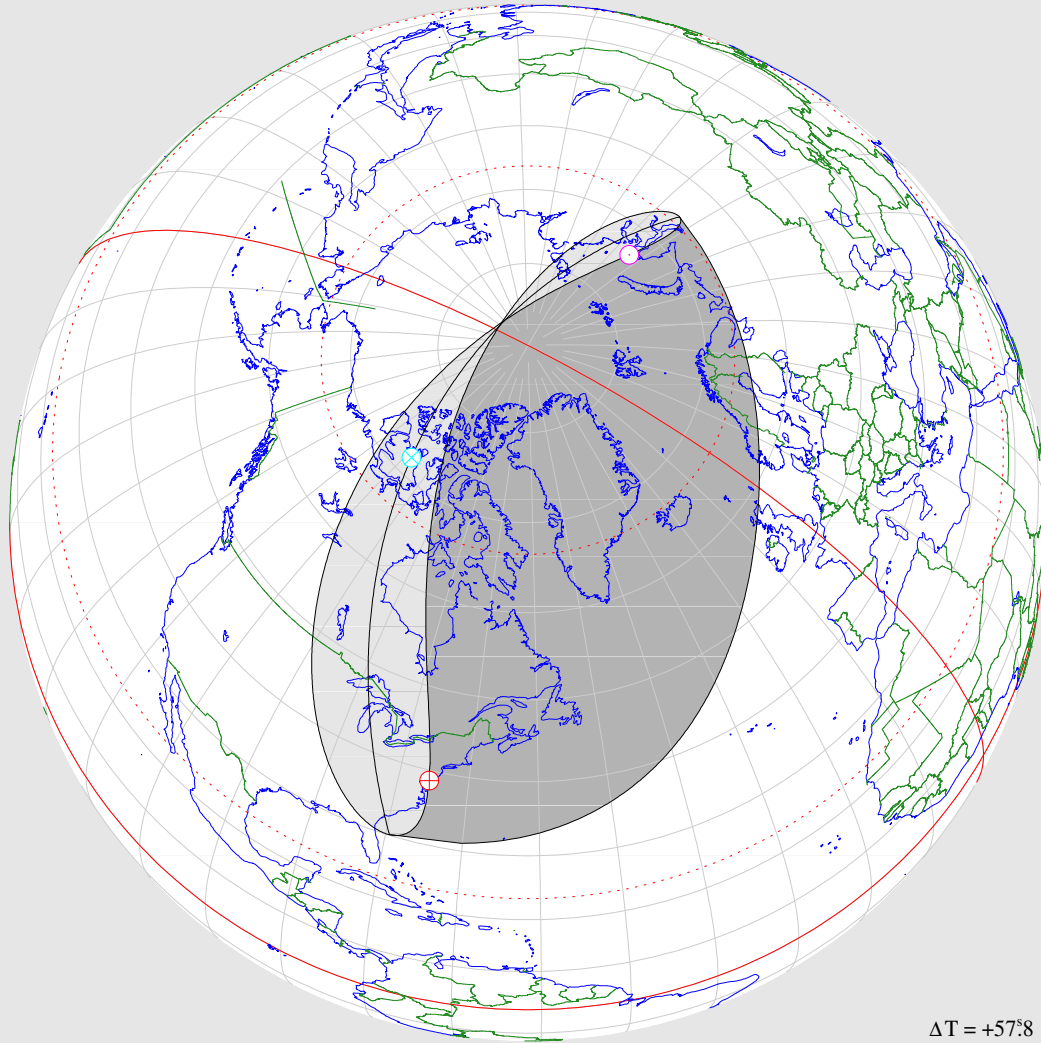


I. - Partial Eclipse of the Sun

1642 March 30



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$\Delta T = +57^s.8$
Globe centred on W 61°5' and N 70°0'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	10 54.6	W 75 37.4	N38 41.2
Beginning of southern limit of penumbra	11 13.5	W 79 30.1	N30 04.8
⊗ Greatest eclipse (magnitude = 0.4672)	12 28.5	W108 06.3	N71 58.7
End of southern limit of penumbra	13 43.2	E 73 57.1	N65 22.3
○ Eclipse ends; last contact with Earth	14 02.1	E 74 14.1	N73 45.0