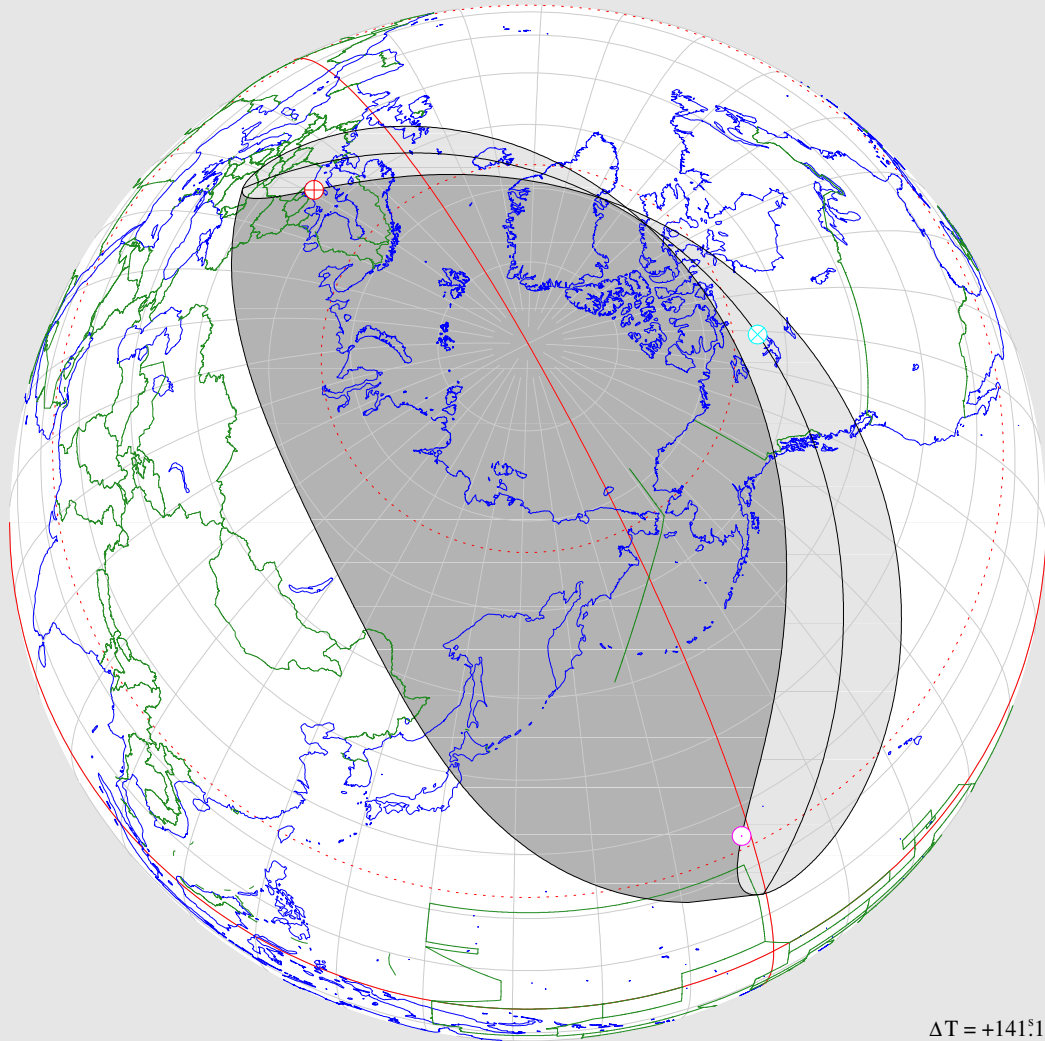


III. - Partial Eclipse of the Sun

1599 July 22



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$\Delta T = +141^s.1$
Globe centred on E 151°7' and N 69°8'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	2 35.0	E 19 06.5	N 55 54.2
Beginning of southern limit of penumbra	2 57.2	E 24 13.4	N 46 06.3
⊗ Greatest eclipse (magnitude = 0.8072)	4 42.9	W 110 54.8	N 63 28.3
End of southern limit of penumbra	6 28.8	E 179 41.8	N 14 27.8
⊙ Eclipse ends; last contact with Earth	6 51.0	E 178 53.1	N 25 31.4