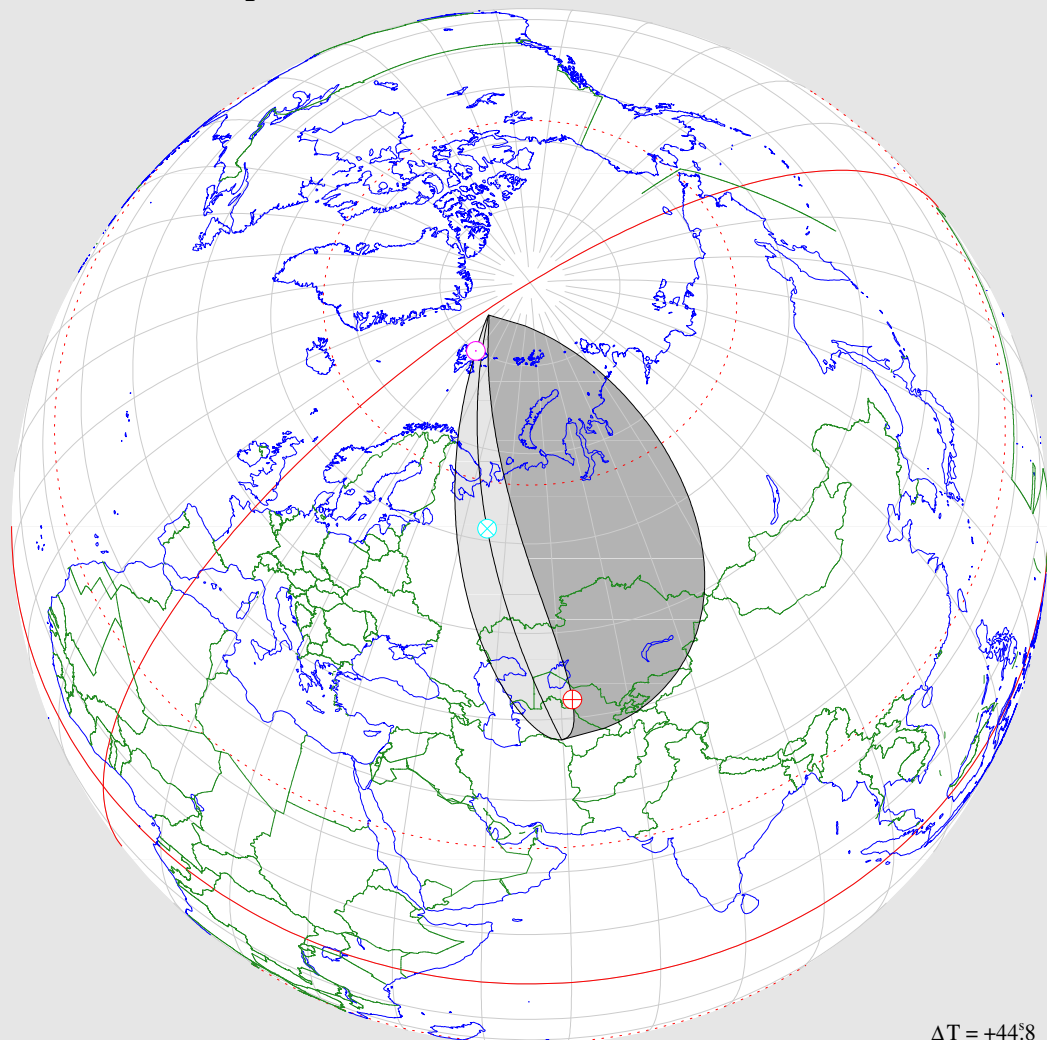


III. - Partial Eclipse of the Sun

1653 March 29



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$\Delta T = +44^s 8$
Globe centred on E 55°4 and N 61°9

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	1 45.3	E 61 44.3	N42 10.7
Beginning of southern limit of penumbra	1 54.9	E 59 49.1	N37 29.7
⊗ Greatest eclipse (magnitude = 0.1624)	2 37.3	E 45 29.1	N61 19.4
End of southern limit of penumbra	3 19.1	E 6 04.4	N83 58.0
⊙ Eclipse ends; last contact with Earth	3 28.8	E 18 57.2	N79 53.0