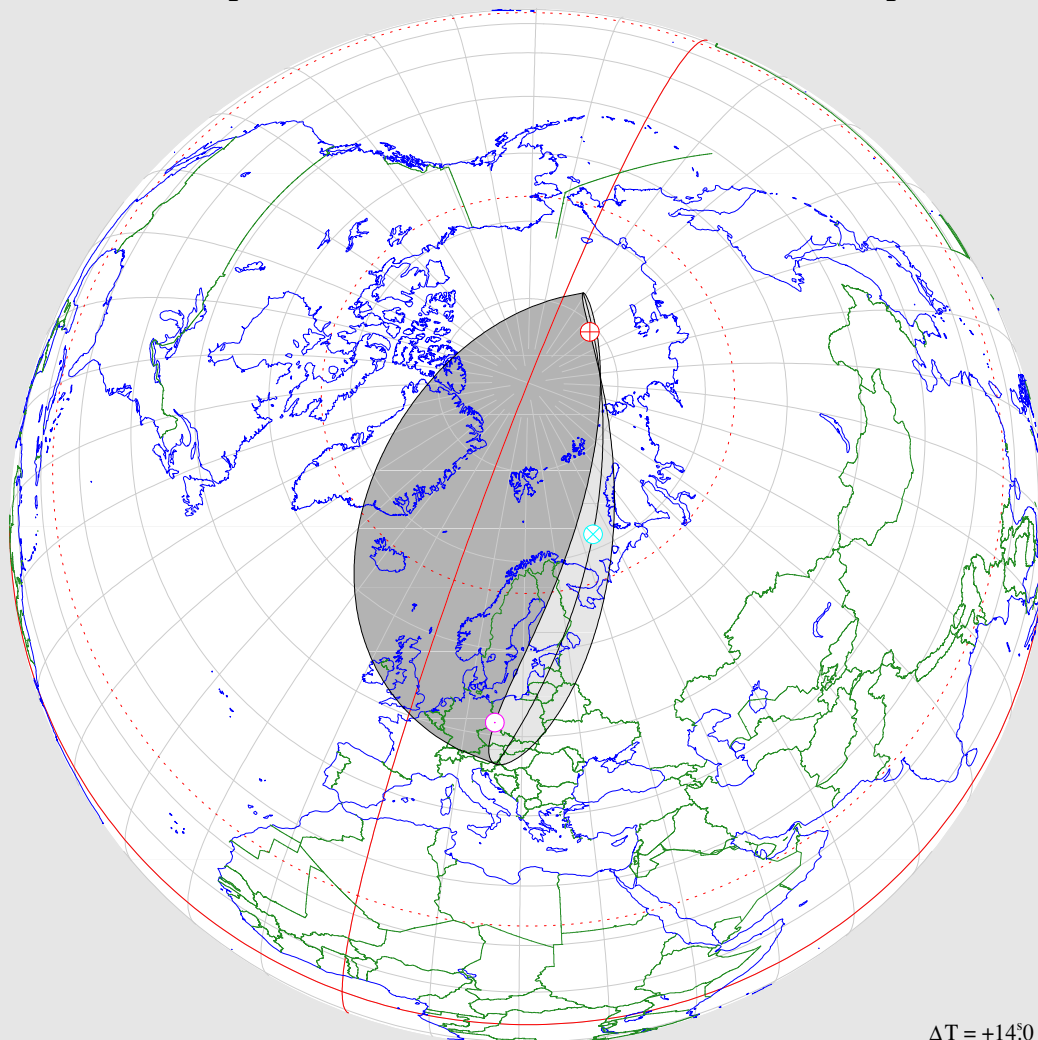


V. - Partial Eclipse of the Sun

1682 September 01



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$\Delta T = +14^s$
Globe centred on E 21°0 and N 73°9

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	15 44.9	E 152 43.1	N 80 48.5
Beginning of southern limit of penumbra	15 54.9	E 171 21.6	N 77 32.3
⊗ Greatest eclipse (magnitude = 0.1980)	16 42.2	E 44 28.5	N 71 37.7
End of southern limit of penumbra	17 29.8	E 15 55.7	N 46 26.7
○ Eclipse ends; last contact with Earth	17 39.8	E 15 06.5	N 51 29.8