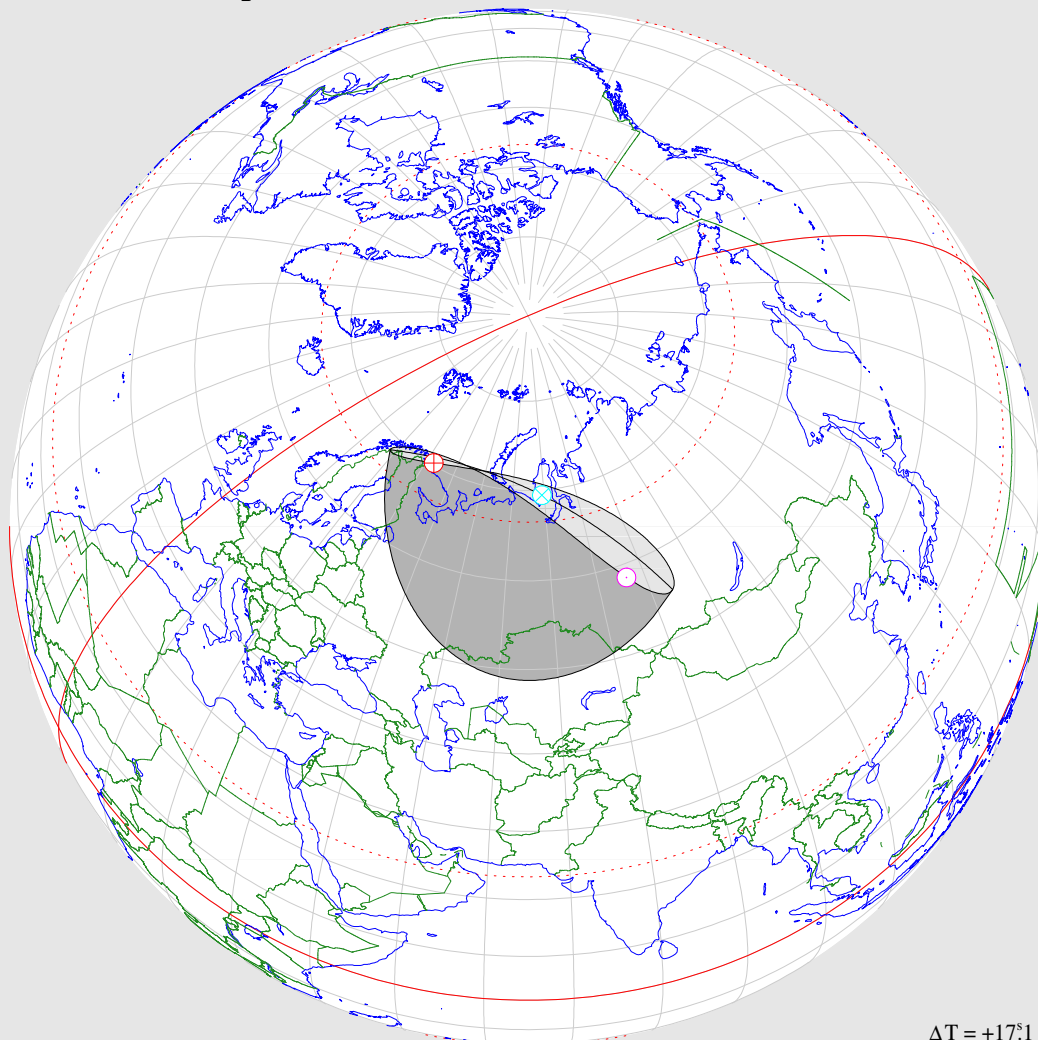


VI. - Partial Eclipse of the Sun

1678 November 14



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$\Delta T = +17^s.1$
Globe centred on E $64^{\circ}9'$ and N $66^{\circ}0'$

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	8 07.5	E 32 20.5	N70 15.7
Beginning of southern limit of penumbra	8 22.1	E 18 23.0	N68 30.7
⊗ Greatest eclipse (magnitude = 0.1150)	8 57.9	E 69 17.5	N69 25.7
End of southern limit of penumbra	9 33.9	E 94 10.2	N55 10.3
○ Eclipse ends; last contact with Earth	9 48.5	E 86 13.1	N58 29.1