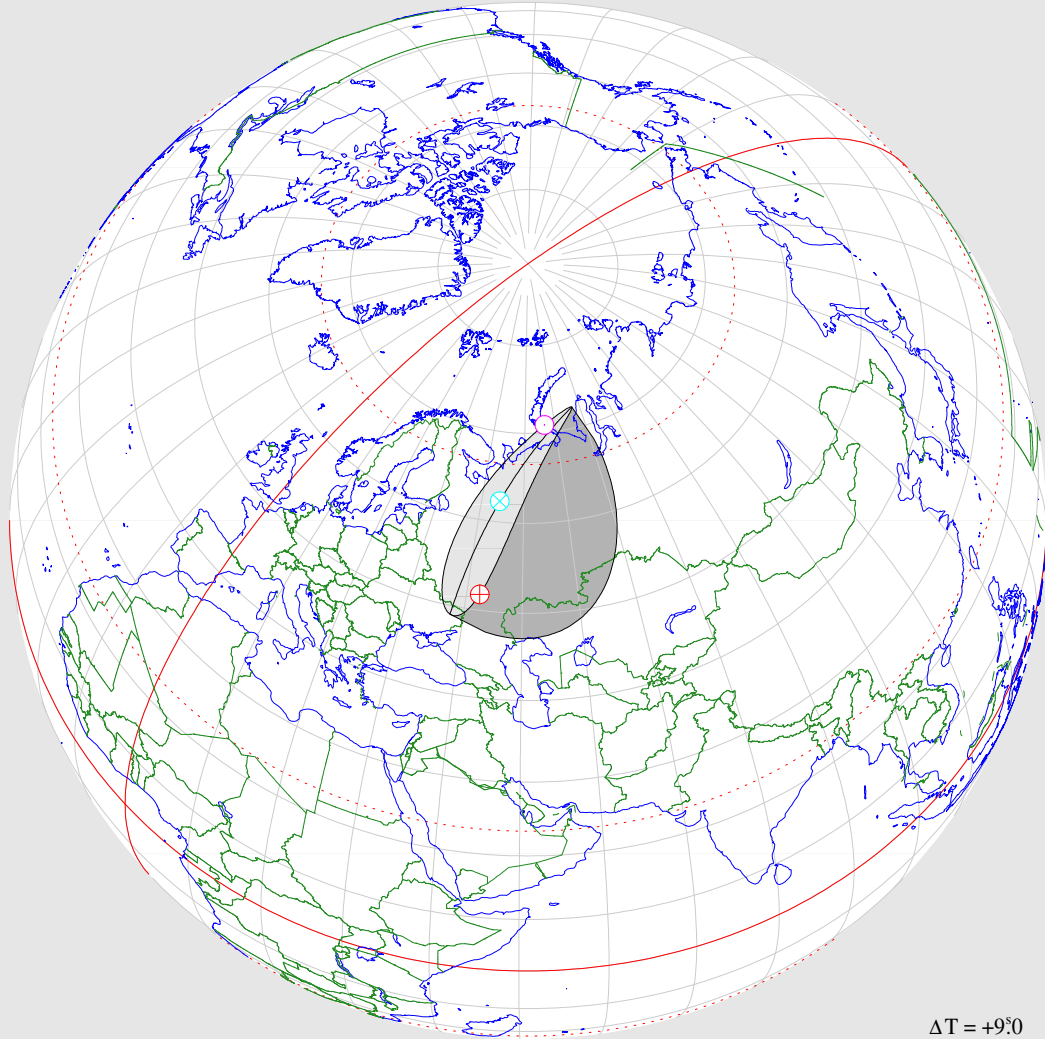


III. - Partial Eclipse of the Sun

1693 February 05



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$\Delta T = +9^s 0$
Globe centred on E 51°0 and N 60°3

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	4 48.9	E 42 21.4	N 51 45.9
Beginning of southern limit of penumbra	4 59.3	E 37 43.6	N 49 01.5
⊗ Greatest eclipse (magnitude = 0.0599)	5 27.0	E 44 16.6	N 62 17.4
End of southern limit of penumbra	5 54.1	E 67 10.2	N 72 21.2
○ Eclipse ends; last contact with Earth	6 04.6	E 56 33.0	N 70 51.6