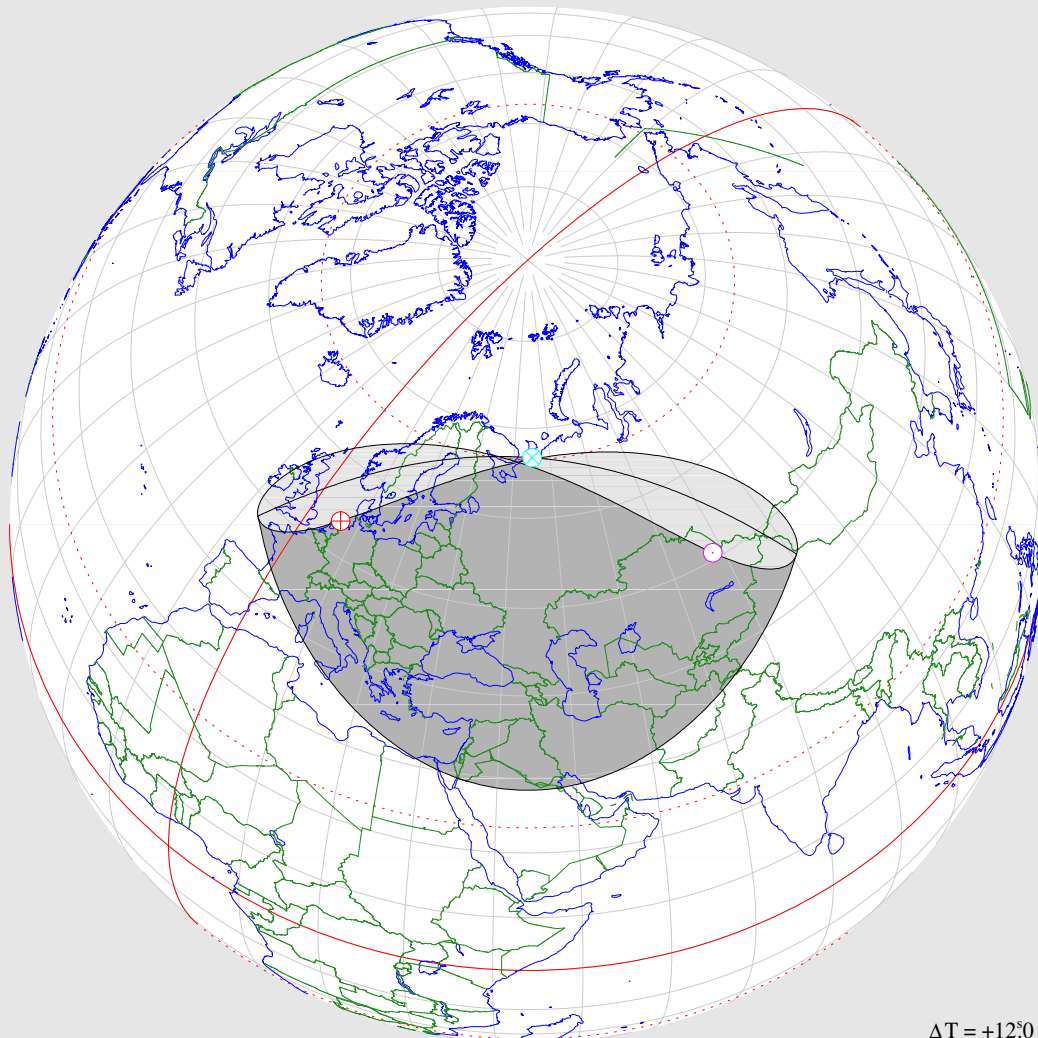


V. - Partial Eclipse of the Sun

1739 December 30



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$\Delta T = +12^m 0^s$
Globe centred on E 43°9' and N 59°3'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	[°] /	[°] /
⊕ Eclipse begins; first contact with Earth	8 00.1	E 6 20.8	N 53 38.2
Beginning of southern limit of penumbra	8 24.9	W 7 07.9	N 47 55.2
⊗ Greatest eclipse (magnitude = 0.4065)	9 21.8	E 45 03.3	N 66 42.9
End of southern limit of penumbra	10 18.8	E 90 49.7	N 44 48.5
○ Eclipse ends; last contact with Earth	10 43.6	E 78 11.4	N 50 44.5