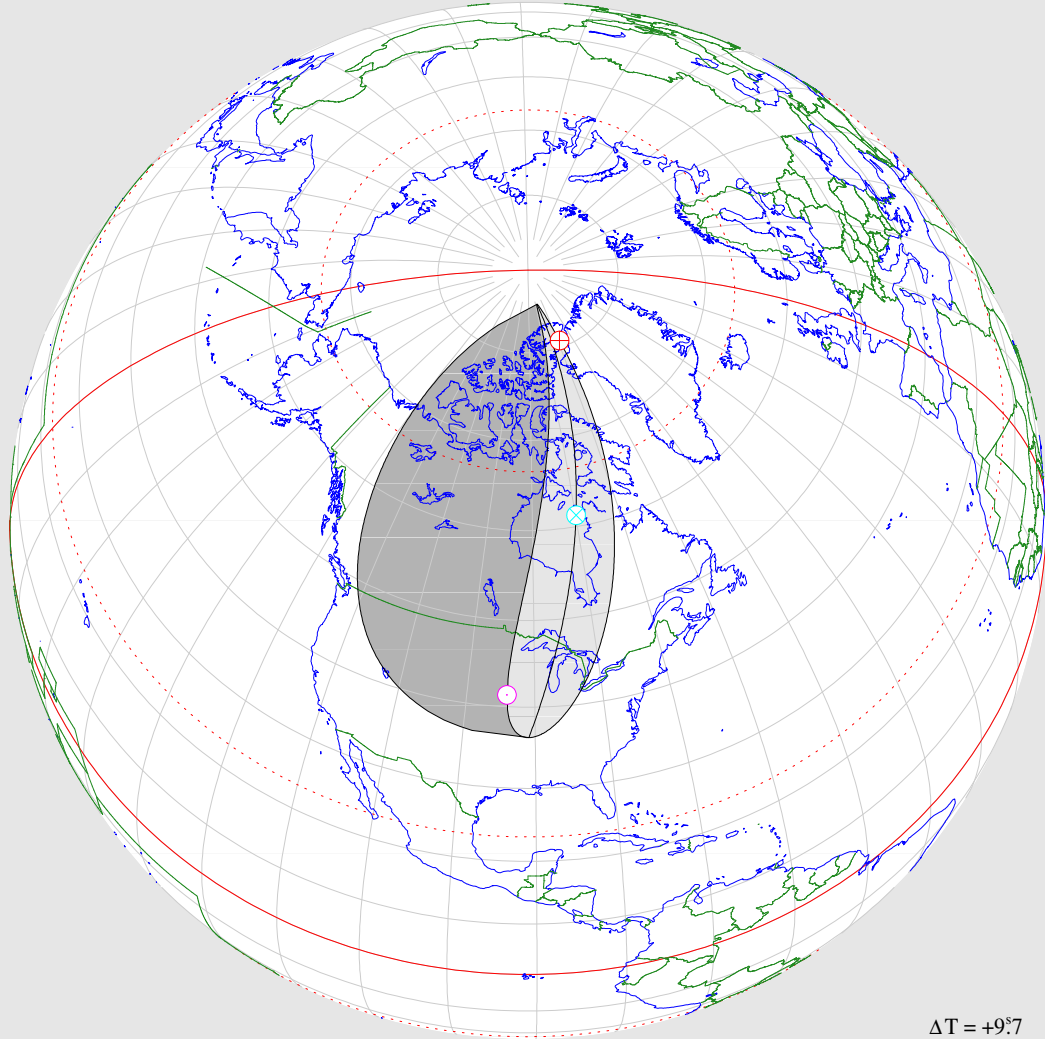


IV. - Partial Eclipse of the Sun

1707 September 25-26



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$\Delta T = +9^s.7$
Globe centred on W 91°0 and N 61°1

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	22 05.6	W 68 38.2	N 80 47.1
Beginning of southern limit of penumbra	22 18.0	W 77 44.1	N 85 40.0
⊗ Greatest eclipse (magnitude = 0.1605)	23 04.9	W 79 52.3	N 61 14.7
End of southern limit of penumbra	23 52.6	W 90 52.8	N 36 21.1
○ Eclipse ends; last contact with Earth	0 04.9	W 94 05.9	N 41 24.0