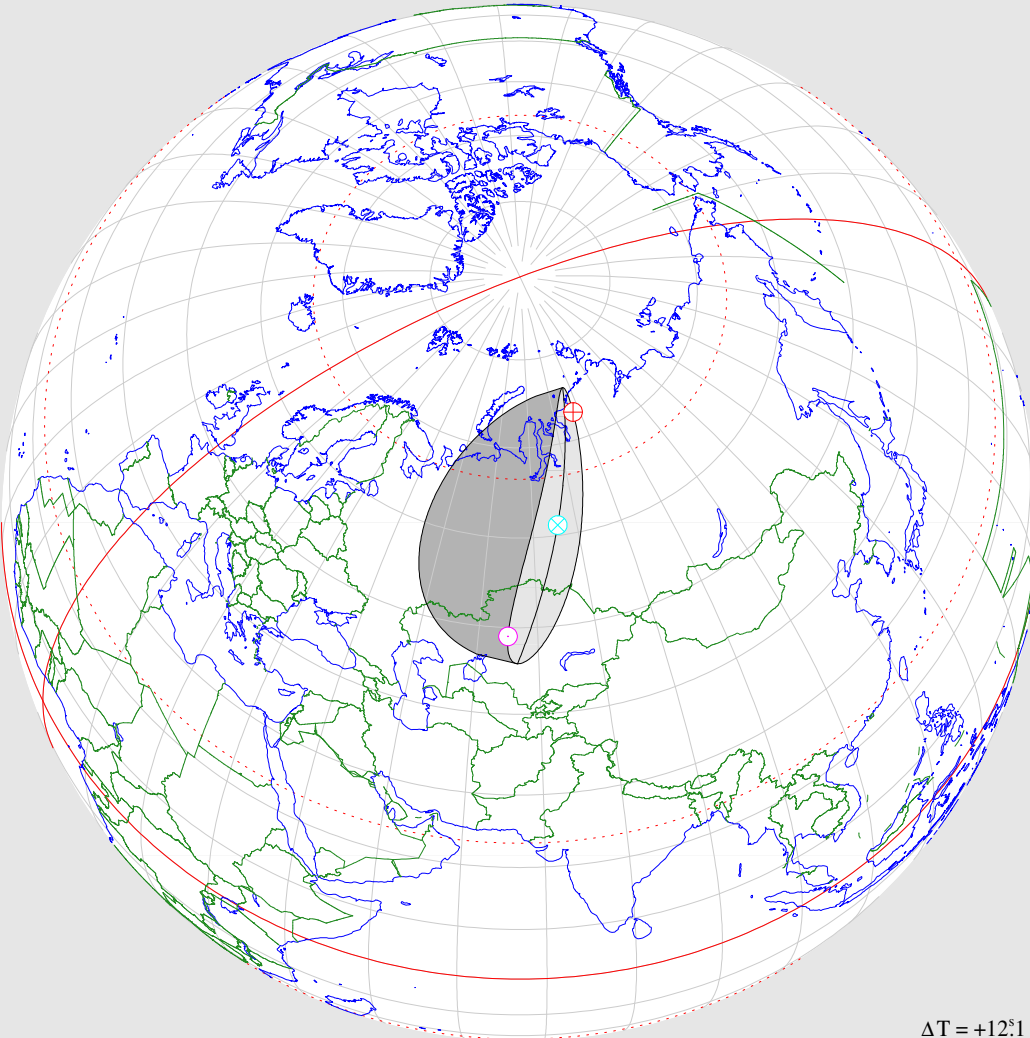


IV. - Partial Eclipse of the Sun

1819 September 19



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$\Delta T = +12^s.1$
Globe centred on E 67°0 and N 61°7

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	12 26.0	E 87 36.8	N73 03.9
Beginning of southern limit of penumbra	12 33.4	E 87 00.4	N76 02.0
⊗ Greatest eclipse (magnitude = 0.0596)	13 03.6	E 75 40.4	N61 09.1
End of southern limit of penumbra	13 34.4	E 66 36.8	N45 54.3
○ Eclipse ends; last contact with Earth	13 41.8	E 64 58.9	N49 00.4