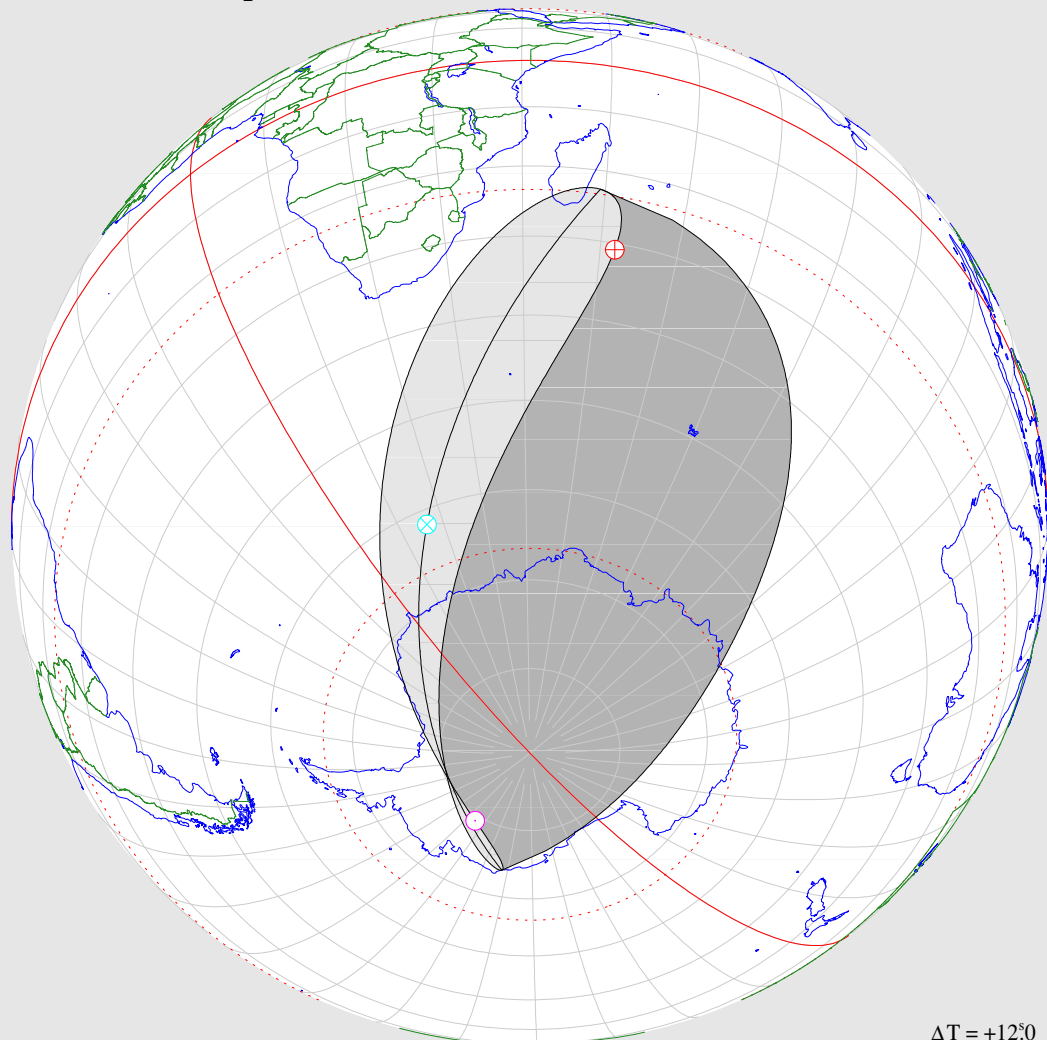


VI. - Partial Eclipse of the Sun

1819 October 19



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$\Delta T = +12^m 0^s$
Globe centred on E 40°9' and S 64°1'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	1 54.5	E 51 53.3	S 30 50.1
Beginning of northern limit of penumbra	2 11.4	E 49 23.3	S 22 47.0
⊗ Greatest eclipse (magnitude = 0.4085)	3 27.1	E 16 11.6	S 61 37.1
End of northern limit of penumbra	4 42.1	W127 43.0	S 74 00.8
○ Eclipse ends; last contact with Earth	4 59.1	W104 34.4	S 79 14.8