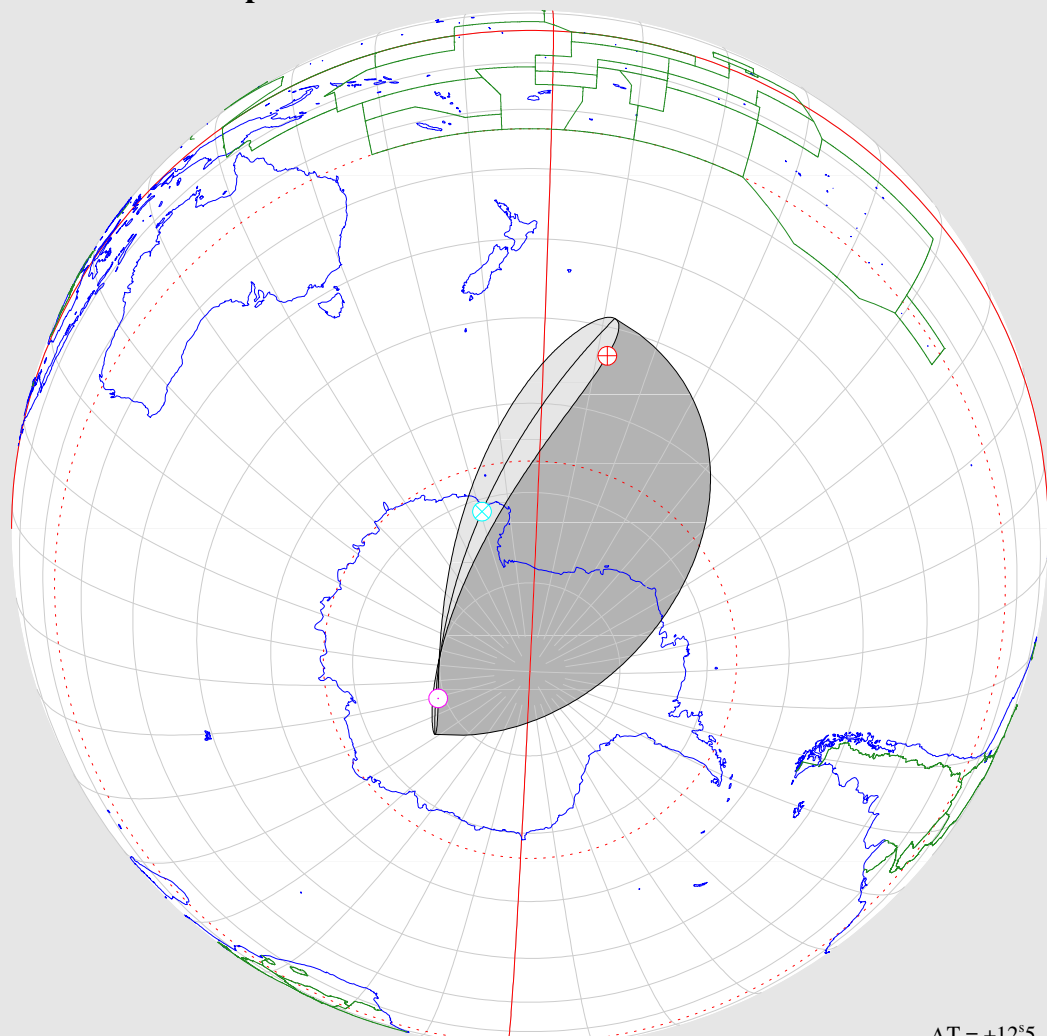


III. - Partial Eclipse of the Sun

1808 October 19



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$\Delta T = +12^s.5$
Globe centred on E 177°4 and S 74°0

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	16 02.0	W168 06.1	S 53 24.8
Beginning of northern limit of penumbra	16 10.9	W168 12.1	S 48 49.9
⊗ Greatest eclipse (magnitude = 0.1687)	16 55.3	E 160 33.5	S 71 21.8
End of northern limit of penumbra	17 39.3	E 51 21.0	S 76 52.8
○ Eclipse ends; last contact with Earth	17 48.2	E 68 57.9	S 79 14.2