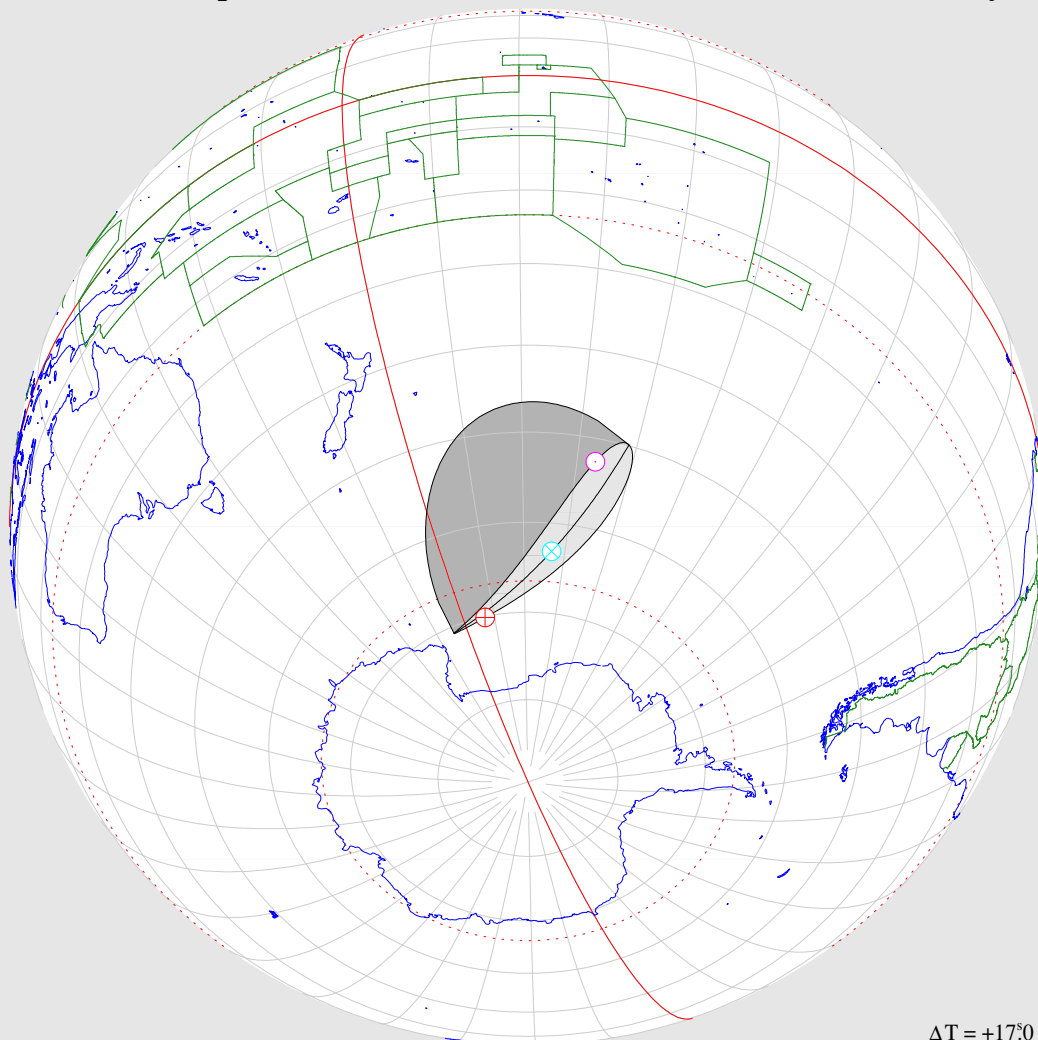


I. - Partial Eclipse of the Sun

1779 May 16



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$\Delta T = +17^s 0$
Globe centred on W 159°0 and S 60°5

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	0 39.8	W173 01.2	S 70 04.7
Beginning of northern limit of penumbra	0 50.3	E 175 22.0	S 70 45.4
⊗ Greatest eclipse (magnitude = 0.0795)	1 17.4	W153 12.9	S 63 06.9
End of northern limit of penumbra	1 44.8	W141 23.6	S 49 53.7
○ Eclipse ends; last contact with Earth	1 55.2	W146 38.3	S 52 35.9