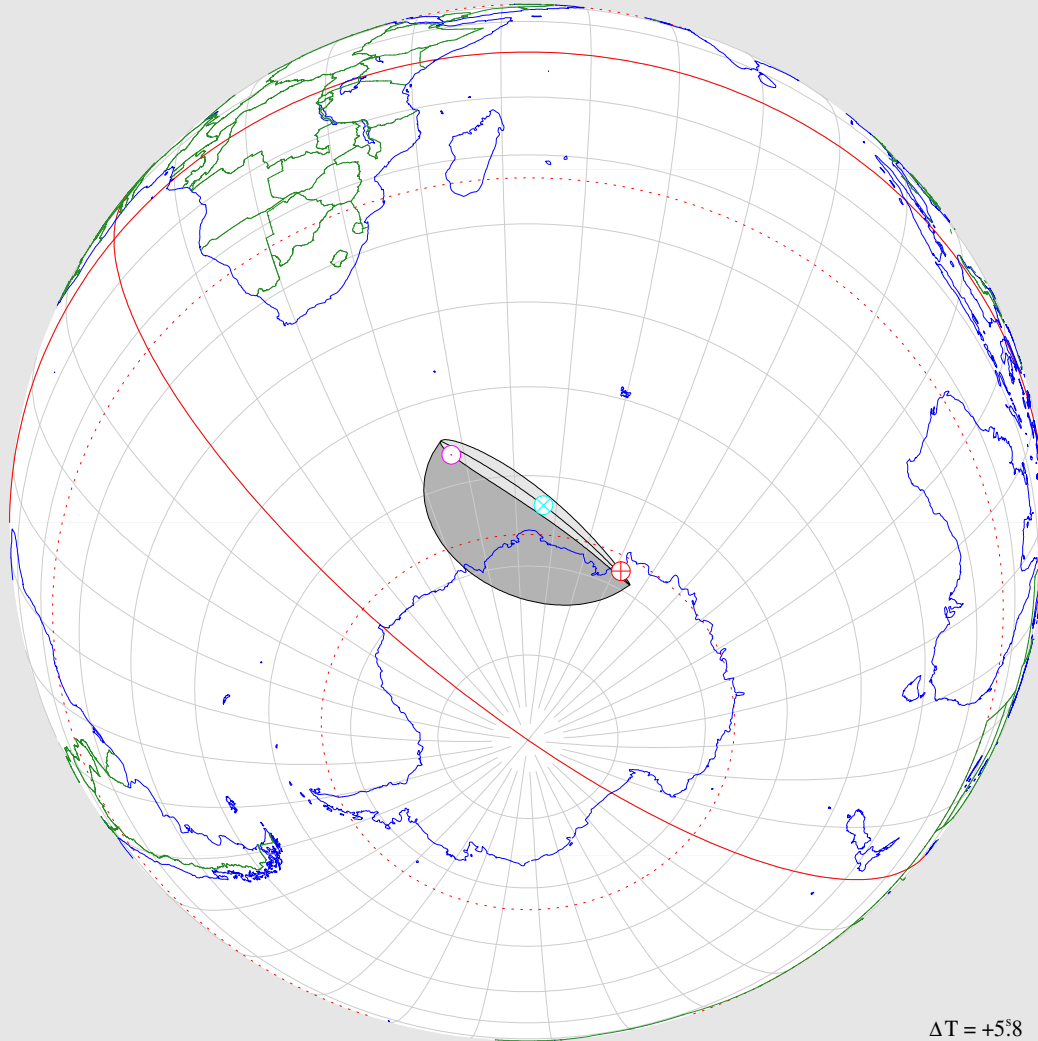


I. - Partial Eclipse of the Sun

1841 January 22



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$\Delta T = +5^s.8$
Globe centred on E 53°0' and S 65°2'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	16 55.5	E 81 49.4	S 68 10.0
Beginning of northern limit of penumbra	16 59.6	E 86 16.3	S 69 01.1
⊗ Greatest eclipse (magnitude = 0.0315)	17 24.1	E 56 47.9	S 63 12.7
End of northern limit of penumbra	17 49.1	E 36 02.3	S 54 49.1
○ Eclipse ends; last contact with Earth	17 53.2	E 37 24.3	S 56 37.0