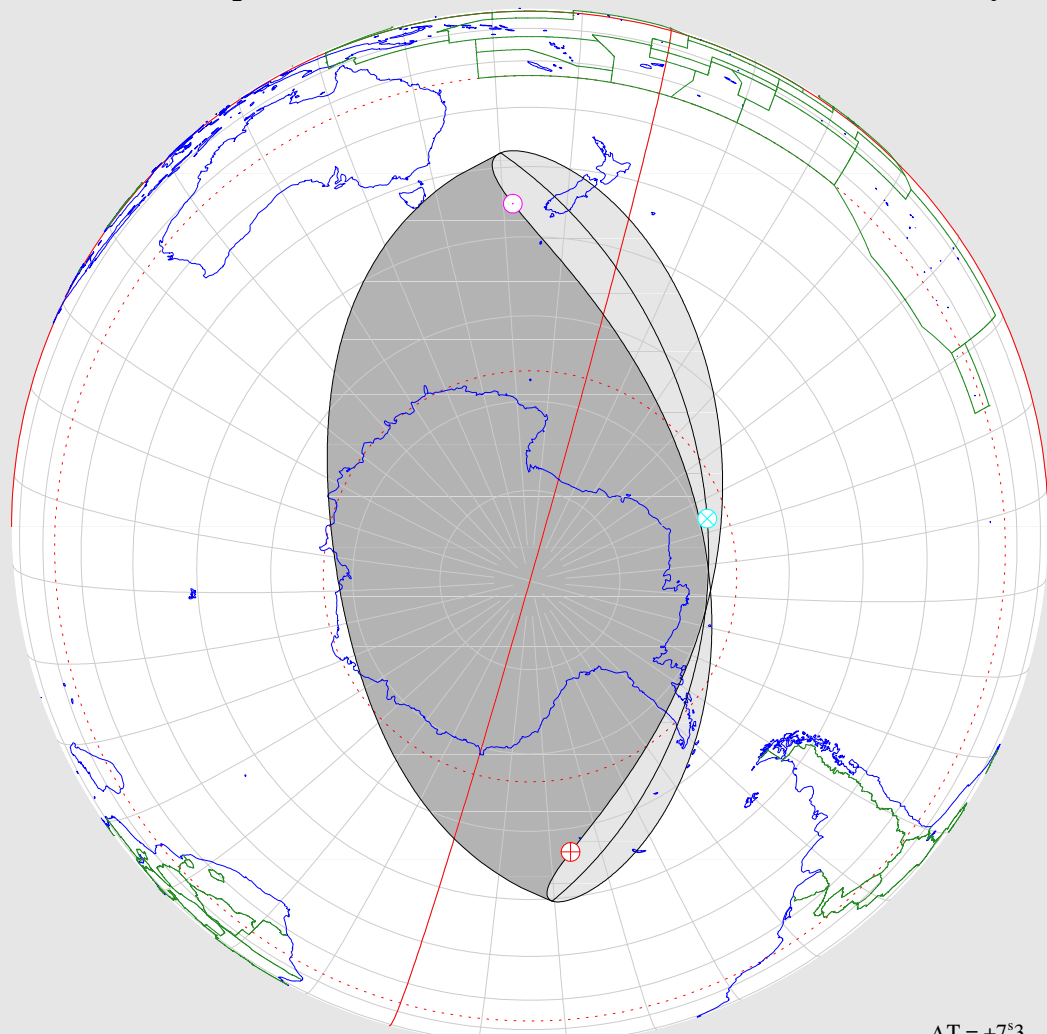


II. - Partial Eclipse of the Sun

1852 January 21



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$\Delta T = +7^s.3$
Globe centred on E 164°2' and S 84°0'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	5 32.1	W 24 00.7	S 56 42.8
Beginning of northern limit of penumbra	5 48.0	W 19 36.0	S 49 38.0
⊗ Greatest eclipse (magnitude = 0.4578)	7 12.1	W 124 11.4	S 68 52.8
End of northern limit of penumbra	8 36.5	E 160 06.3	S 37 40.7
⊙ Eclipse ends; last contact with Earth	8 52.3	E 161 30.0	S 45 24.2