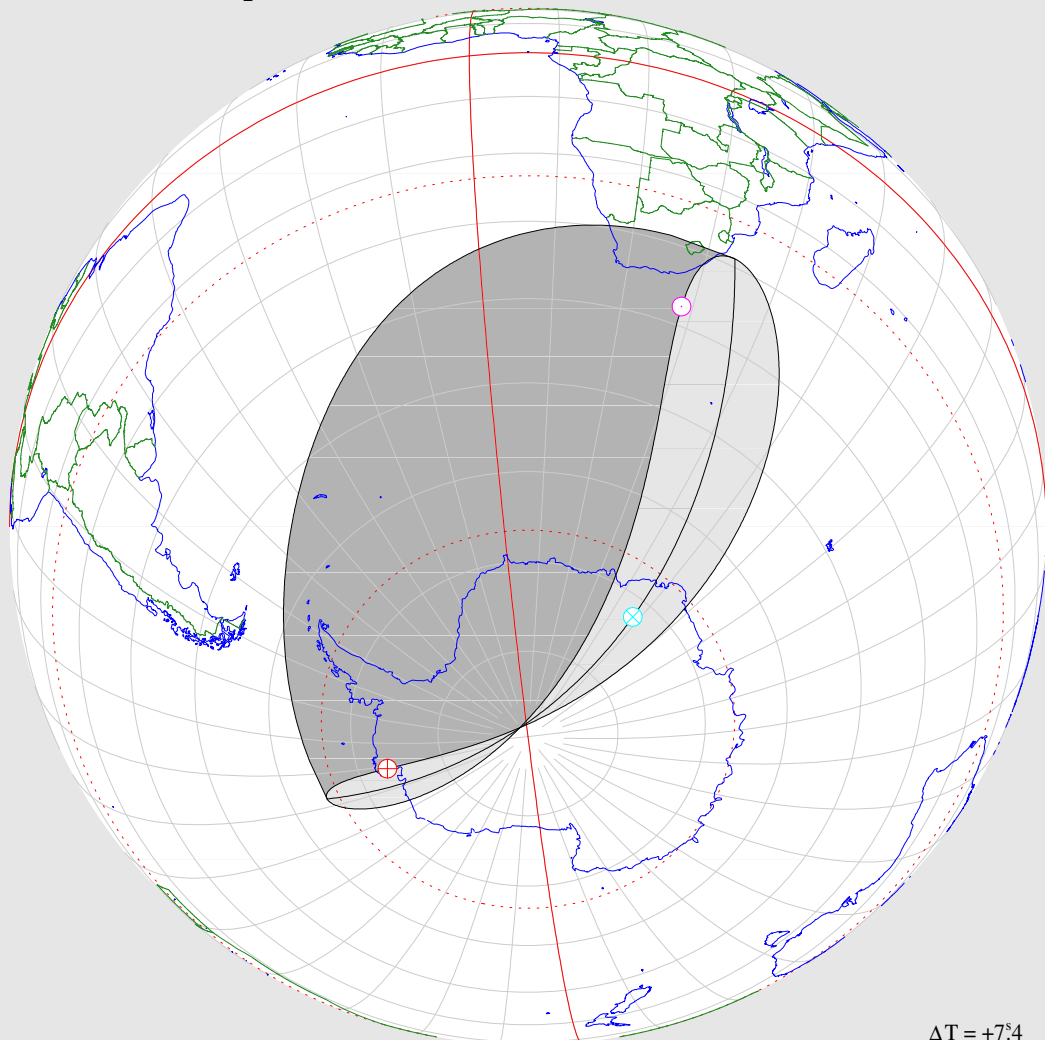


III. - Partial Eclipse of the Sun

1830 March 24



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$\Delta T = +7^s.4$
Globe centred on E $6^{\circ}5'$ and S $66^{\circ}1'$

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	13 09.2	W101 04.3	S 73 28.7
Beginning of northern limit of penumbra	13 28.6	W107 37.2	S 64 52.9
⊗ Greatest eclipse (magnitude = 0.5149)	14 38.6	E 47 41.1	S 72 06.3
End of northern limit of penumbra	15 48.8	E 33 37.8	S 28 53.8
○ Eclipse ends; last contact with Earth	16 08.3	E 28 27.0	S 37 35.7