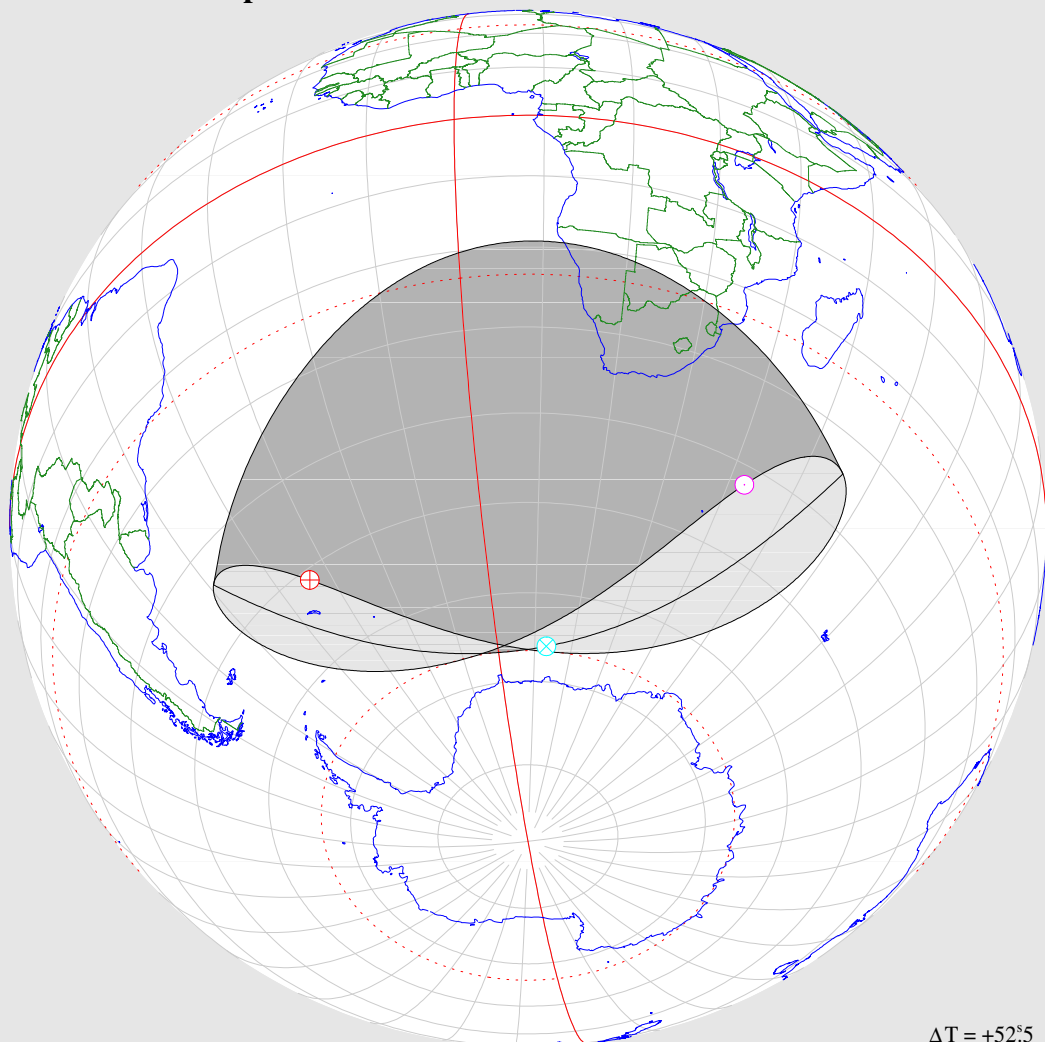


III. - Partial Eclipse of the Sun

1982 June 21



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$\Delta T = +52^s.5$
Globe centred on E 8°2' and S 52°9'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	10 27.8	W 33 57.9	S 51 09.6
Beginning of northern limit of penumbra	10 57.0	W 49 09.8	S 43 55.0
⊗ Greatest eclipse (magnitude = 0.6169)	12 03.7	E 13 11.3	S 65 56.9
End of northern limit of penumbra	13 10.4	E 55 34.7	S 34 20.7
○ Eclipse ends; last contact with Earth	13 39.6	E 42 26.9	S 42 06.4