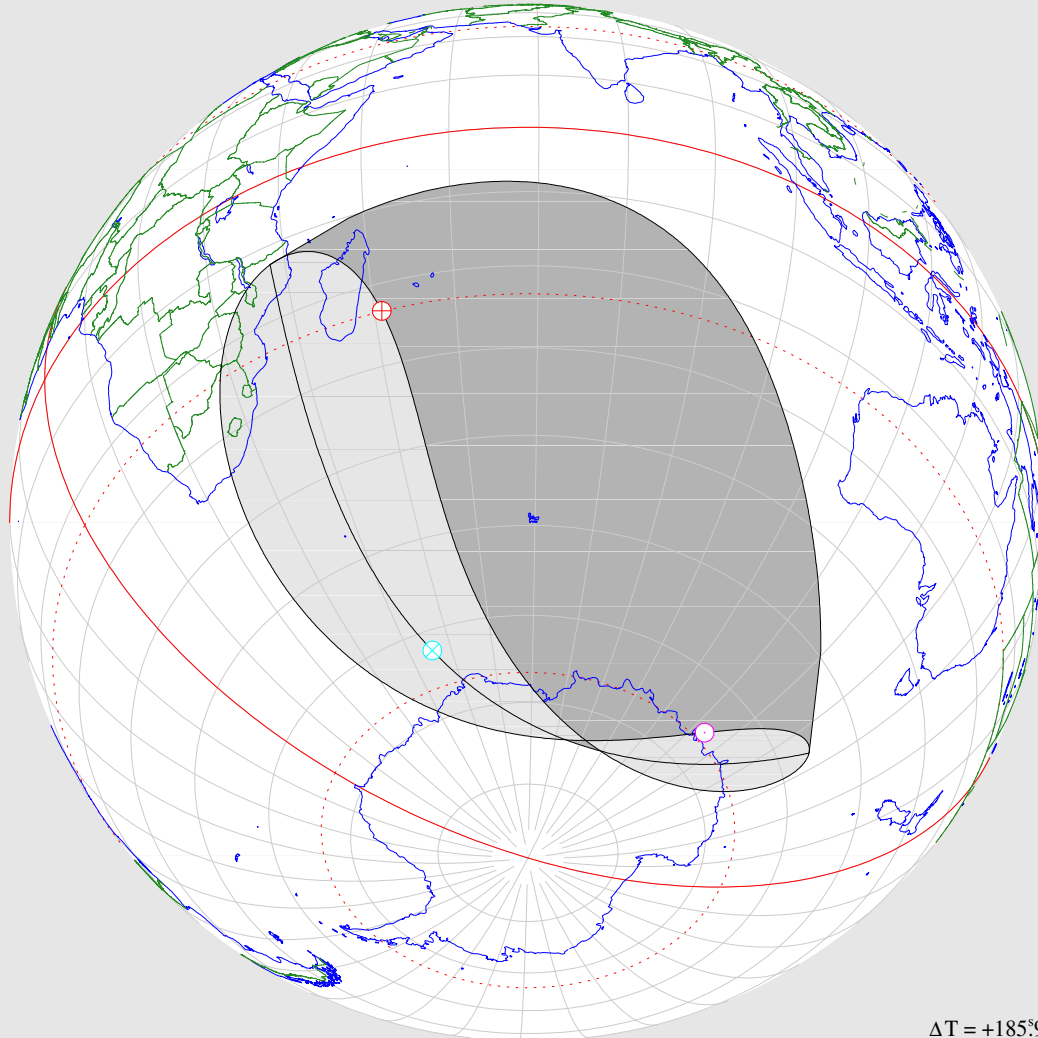


IV. - Partial Eclipse of the Sun

1562 July 31



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$\Delta T = +185^s 9$
Globe centred on E 68°8' and S 49°7'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	3 09.5	E 50 53.7	S 23 26.6
Beginning of northern limit of penumbra	3 46.9	E 38 07.2	S 12 42.8
⊗ Greatest eclipse (magnitude = 0.7035)	5 13.6	E 45 26.5	S 62 16.5
End of northern limit of penumbra	6 39.9	E 146 06.6	S 56 14.1
○ Eclipse ends; last contact with Earth	7 17.4	E 123 40.1	S 65 22.4