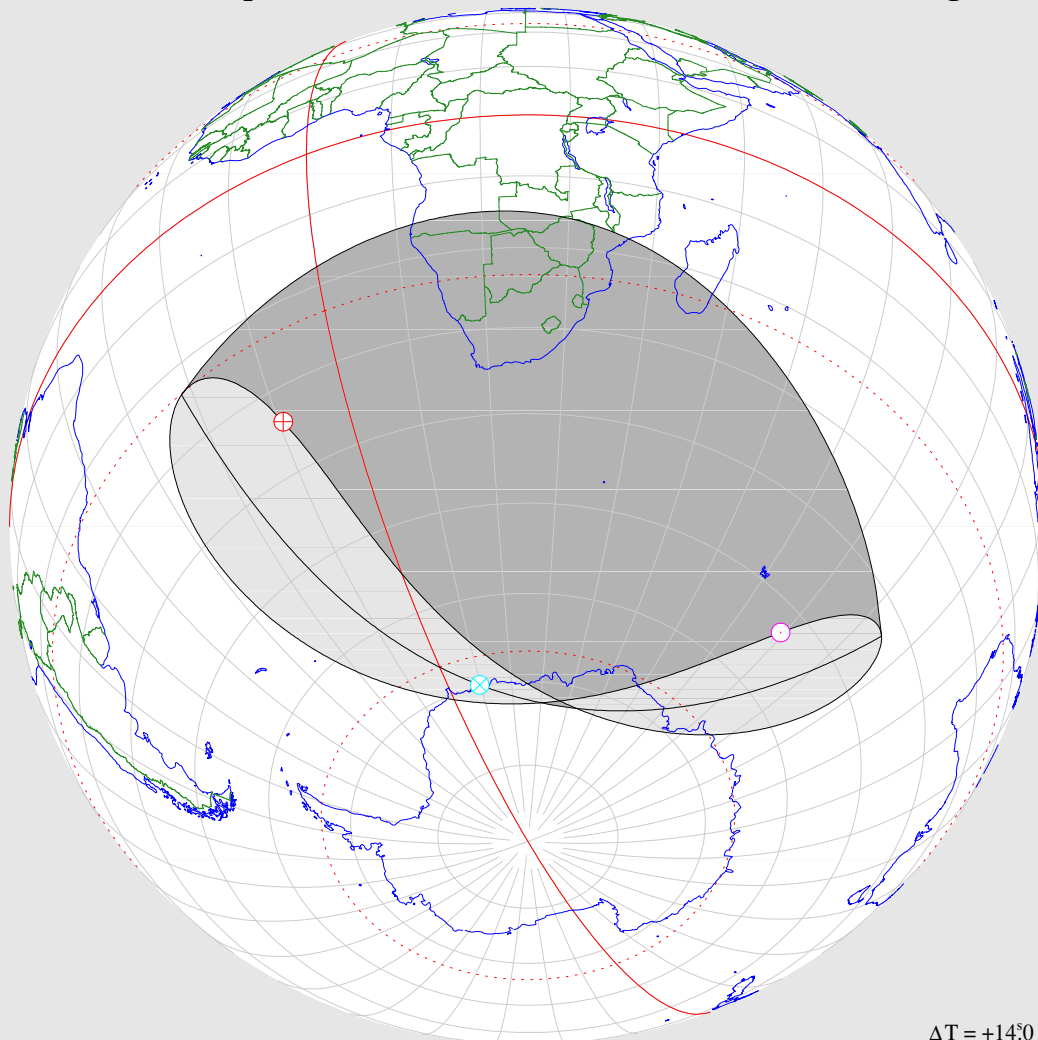


III. - Partial Eclipse of the Sun

1682 August 03



©HM Nautical Almanac Office

$\Delta T = +14^{\text{s}}$
Globe centred on E 25°3' and S 52°6'

Circumstances	Time (UT)	Longitude	Latitude
⊕ Eclipse begins; first contact with Earth	7 ^h 32.0 ^m	W 9° 23.2'	S 33° 57.8'
Beginning of northern limit of penumbra	8 03.3	W 21 32.7	S 23 38.1
⊗ Greatest eclipse (magnitude = 0.8248)	9 20.9	E 9 41.0	S 69 46.4
End of northern limit of penumbra	10 38.4	E 94 37.9	S 43 12.2
○ Eclipse ends; last contact with Earth	11 09.7	E 79 21.7	S 52 58.7