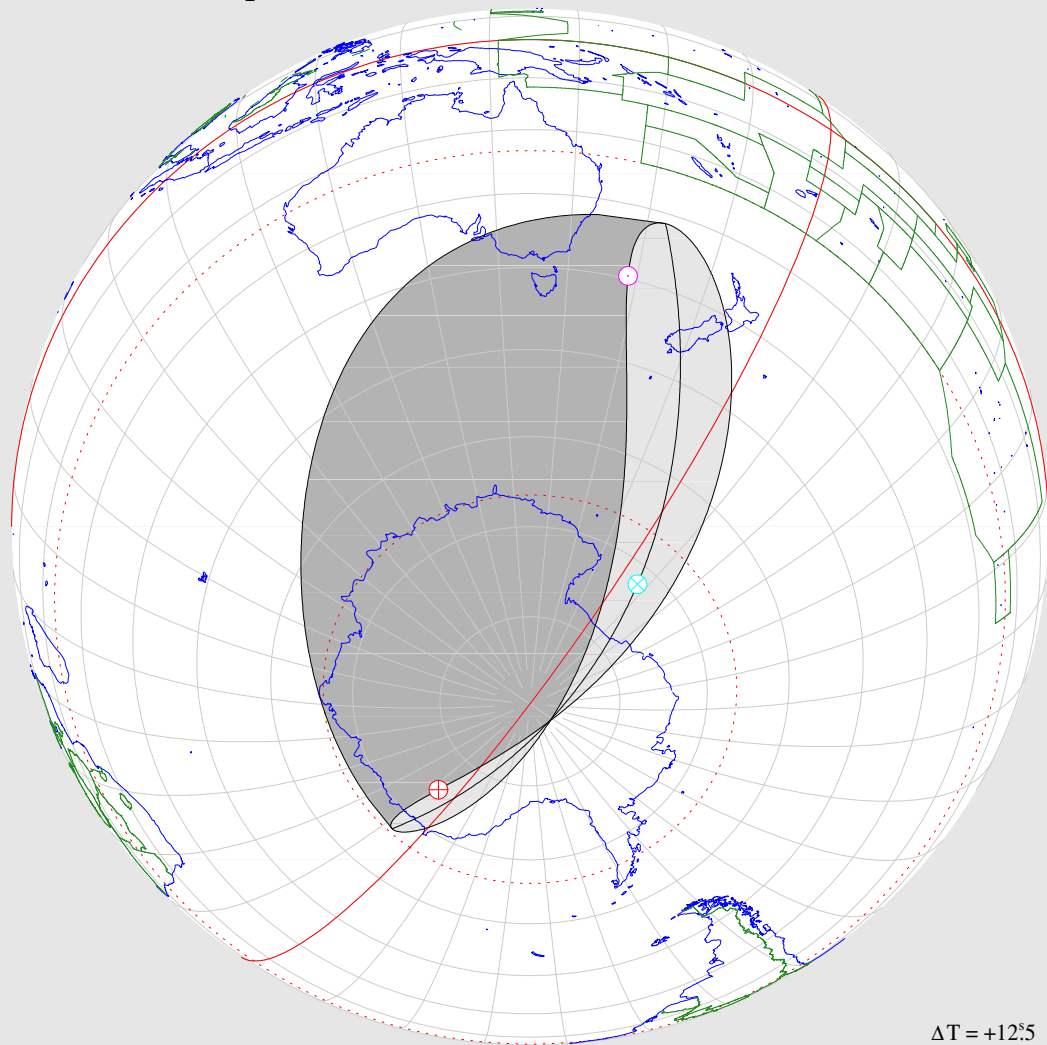


### III. - Partial Eclipse of the Sun

1812 March 13



©HM Nautical Almanac Office

$\Delta T = +12^m 5^s$   
Globe centred on E 144°5' and S 70°0'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	4 54.3	E 7 39.2	S 75 02.0
Beginning of northern limit of penumbra	5 11.4	E 7 32.6	S 67 02.9
⊗ Greatest eclipse (magnitude = 0.4595)	6 19.3	W173 13.4	S 72 03.1
End of northern limit of penumbra	7 27.5	E 162 21.5	S 31 26.9
○ Eclipse ends; last contact with Earth	7 44.6	E 158 42.7	S 39 36.6