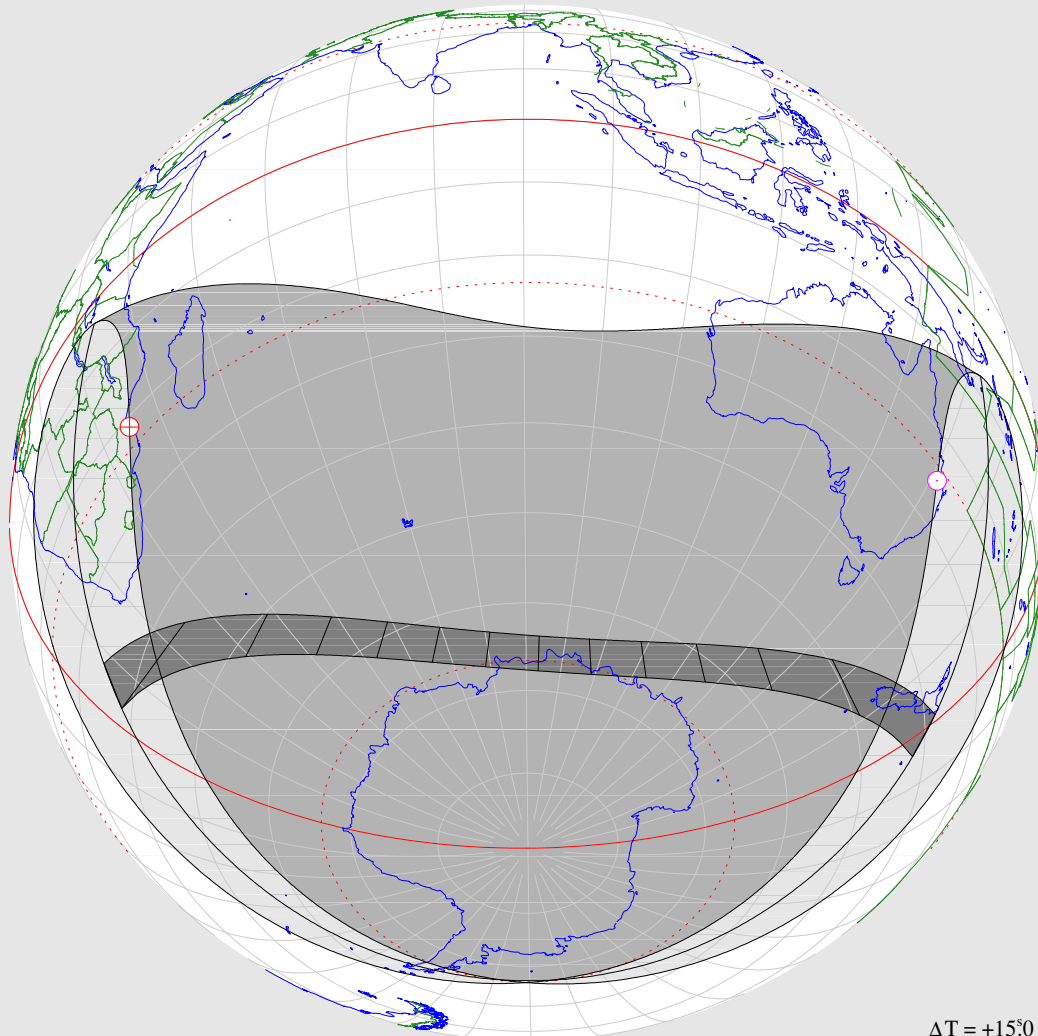


VI. - Annular Eclipse of the Sun

1796 December 29



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$\Delta T = +15^s 0$
Globe centred on E 90°5' and S 51°1'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	3 04.7	E 34 59.3	S 21 08.1
Beginning of northern limit of penumbra	3 42.5	E 33 31.9	S 3 36.5
Beginning of northern limit of umbra	4 22.9	E 7 54.2	S 34 24.4
Beginning of centre line; central eclipse begins	4 26.4	E 5 43.8	S 36 19.9
Beginning of southern limit of umbra	4 30.1	E 3 23.1	S 38 18.7
Central eclipse at local apparent noon	5 57.7	E 91 16.6	S 65 37.1
End of southern limit of umbra	7 19.3	W176 25.0	S 42 00.5
End of centre line; central eclipse ends	7 23.0	W178 55.3	S 40 03.7
End of northern limit of umbra	7 26.5	E178 45.9	S 38 10.0
End of northern limit of penumbra	8 06.9	E 152 14.4	S 7 34.3
⊙ Eclipse ends; last contact with Earth	8 44.7	E 151 04.2	S 25 02.1