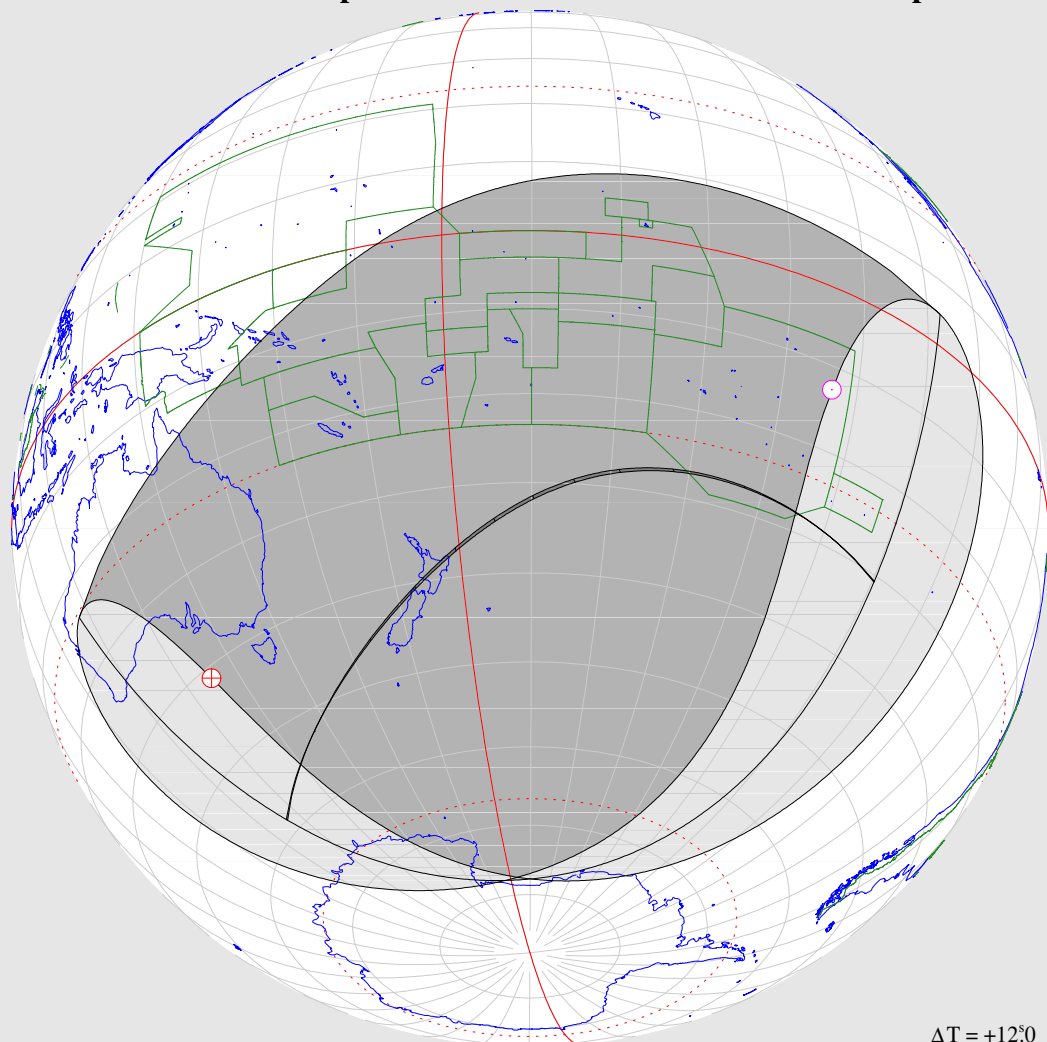


II. - Annular-Total Eclipse of the Sun

1735 April 22-23



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$\Delta T = +12^m 0$
Globe centred on W 170°2 and S 35°1

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	21 41.8	E 135 05.1	S 41 10.3
Beginning of northern limit of penumbra	22 29.8	E 117 41.0	S 23 59.4
Beginning of northern limit of umbra	22 55.5	E 126 20.0	S 58 17.5
Beginning of centre line; central eclipse begins	22 55.6	E 126 22.4	S 58 22.2
Beginning of southern limit of umbra	22 55.7	E 126 24.7	S 58 26.9
Central eclipse at local apparent noon	23 51.1	W 178 11.4	S 35 42.6
End of southern limit of umbra	1 27.3	W 119 41.5	S 30 41.2
End of centre line; central eclipse ends	1 27.4	W 119 41.6	S 30 37.7
End of northern limit of umbra	1 27.4	W 119 41.7	S 30 34.1
End of northern limit of penumbra	1 52.9	W 117 39.7	N 4 33.3
⊙ Eclipse ends; last contact with Earth	2 41.0	W 133 31.5	S 12 49.5