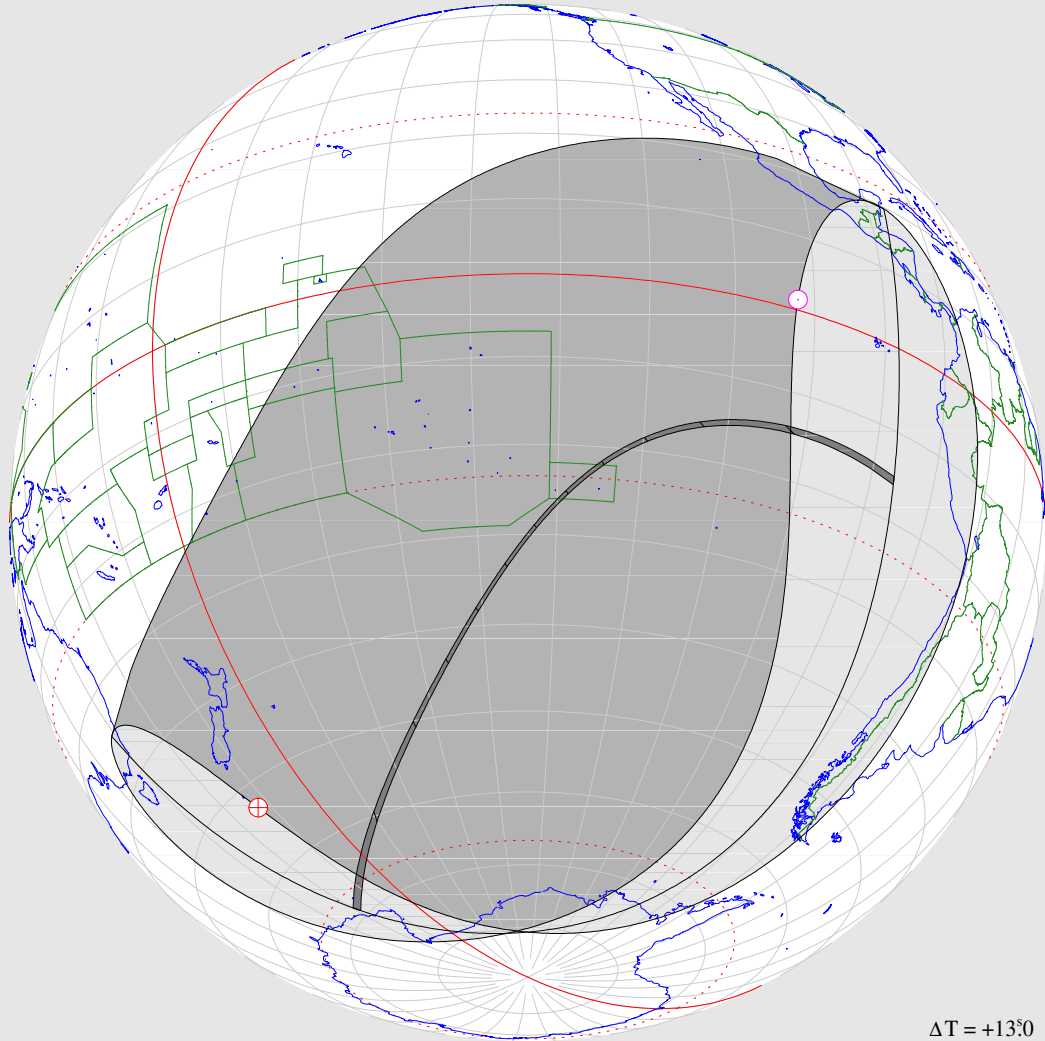


I. - Annular Eclipse of the Sun

1744 April 12-13



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$\Delta T = +13^s 0$
Globe centred on W 133°6 and S 28°7

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	19 40.3	E 167 06.3	S 52 45.1
Beginning of northern limit of penumbra	20 29.6	E 149 02.0	S 34 38.3
Beginning of northern limit of umbra	20 53.7	E 160 18.8	S 68 19.7
Beginning of centre line; central eclipse begins	20 54.3	E 160 43.9	S 68 45.9
Beginning of southern limit of umbra	20 54.9	E 161 10.5	S 69 12.2
Central eclipse at local apparent noon	21 35.8	W 143 49.6	S 41 27.0
End of southern limit of umbra	23 35.8	W 86 27.3	S 15 56.7
End of centre line; central eclipse ends	23 36.4	W 86 31.2	S 15 29.2
End of northern limit of umbra	23 37.0	W 86 35.0	S 15 02.0
End of northern limit of penumbra	0 00.7	W 86 46.2	N 19 43.8
⊙ Eclipse ends; last contact with Earth	0 50.1	W 102 12.0	N 1 20.7