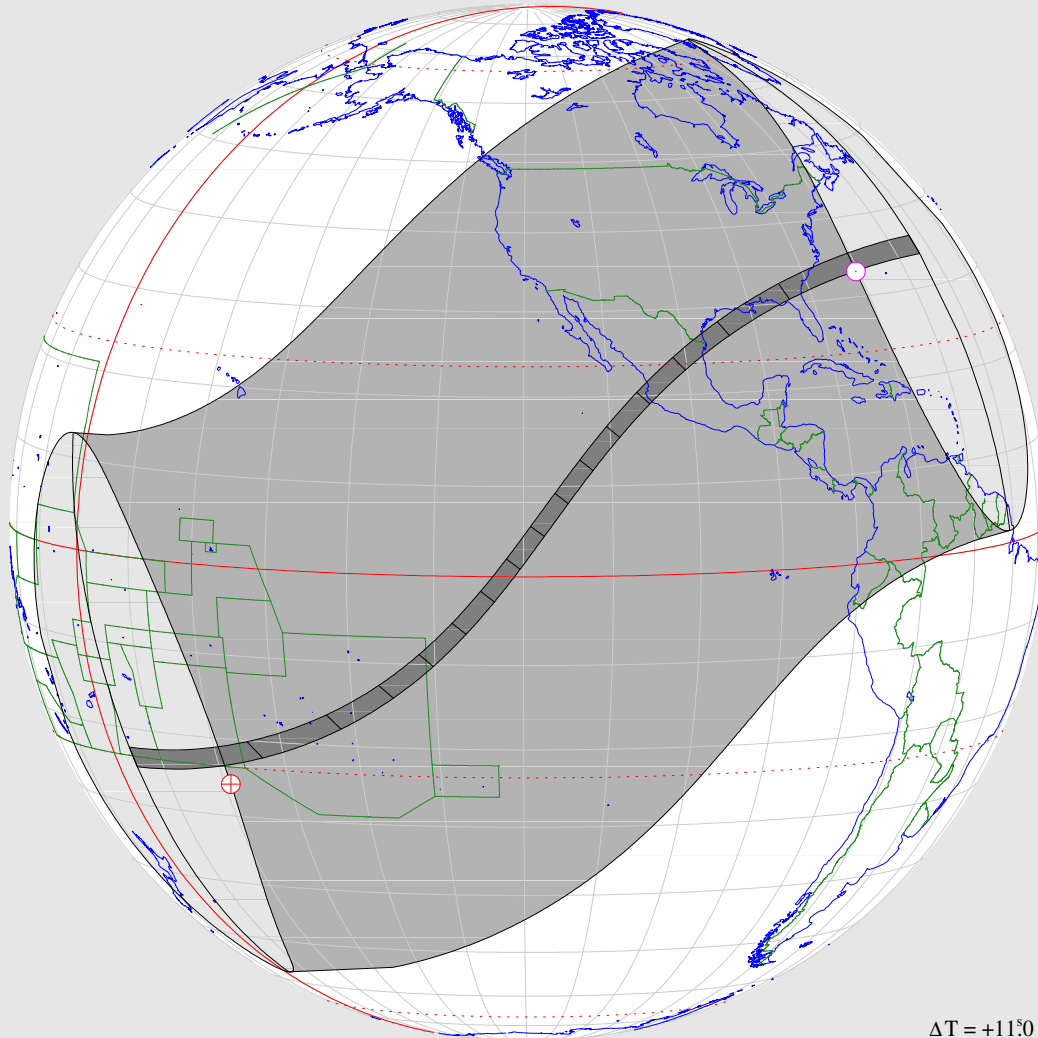


II. - Annular Eclipse of the Sun

1727 March 22



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$\Delta T = +11^{\text{h}}30$
Globe centred on W 119°5 and N 6°0

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	16 44.4	W159 01.3	S 25 44.1
Beginning of southern limit of umbra	17 50.9	W175 39.4	S 24 51.9
Beginning of centre line; central eclipse begins	17 51.1	W175 43.8	S 23 39.2
Beginning of northern limit of umbra	17 51.4	W175 48.9	S 22 26.3
Beginning of southern limit of penumbra	18 04.0	W178 14.2	S 57 22.1
Beginning of northern limit of penumbra	18 20.5	E 176 30.2	N 12 41.7
Central eclipse at local apparent noon	19 54.2	W116 47.3	N 7 15.3
End of northern limit of penumbra	21 14.3	W 44 48.1	N 71 17.7
End of southern limit of penumbra	21 31.8	W 51 10.6	N 1 20.8
End of northern limit of umbra	21 43.9	W 53 42.7	N 36 18.7
End of centre line; central eclipse ends	21 44.2	W 53 48.3	N 35 06.9
End of southern limit of umbra	21 44.5	W 53 53.2	N 33 55.3
⊙ Eclipse ends; last contact with Earth	22 50.9	W 70 30.5	N 33 02.1