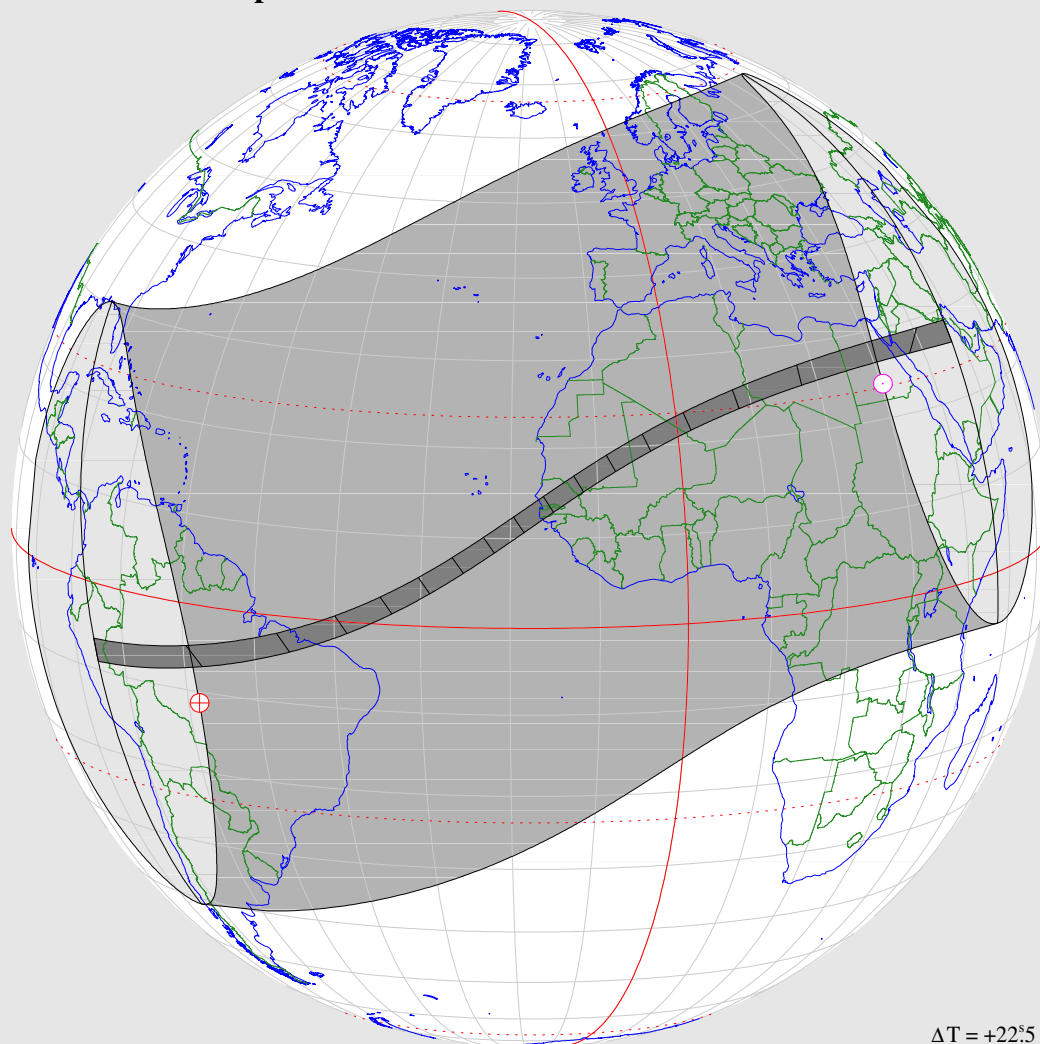


II. - Annular Eclipse of the Sun

1922 March 28



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$\Delta T = +22^s.5$
Globe centred on W 17^o.8 and N 11^o.1

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	10 01.0	W 58 21.0	S 11 19.6
Beginning of southern limit of umbra	11 08.3	W 75 17.3	S 9 01.6
Beginning of centre line; central eclipse begins	11 08.8	W 75 28.7	S 7 43.0
Beginning of northern limit of umbra	11 09.3	W 75 40.8	S 6 24.0
Beginning of southern limit of penumbra	11 15.3	W 75 03.1	S 41 07.7
Beginning of northern limit of penumbra	11 46.8	W 86 59.6	N 30 23.0
Central eclipse at local apparent noon	13 11.4	W 16 31.4	N 13 13.5
End of northern limit of penumbra	14 22.9	E 61 47.5	N 65 23.2
End of southern limit of penumbra	14 55.0	E 47 15.8	S 5 56.9
End of northern limit of umbra	15 00.7	E 47 42.9	N 28 47.0
End of centre line; central eclipse ends	15 01.2	E 47 29.6	N 27 29.0
End of southern limit of umbra	15 01.7	E 47 17.2	N 26 11.4
⊙ Eclipse ends; last contact with Earth	16 09.0	E 30 20.2	N 23 52.7