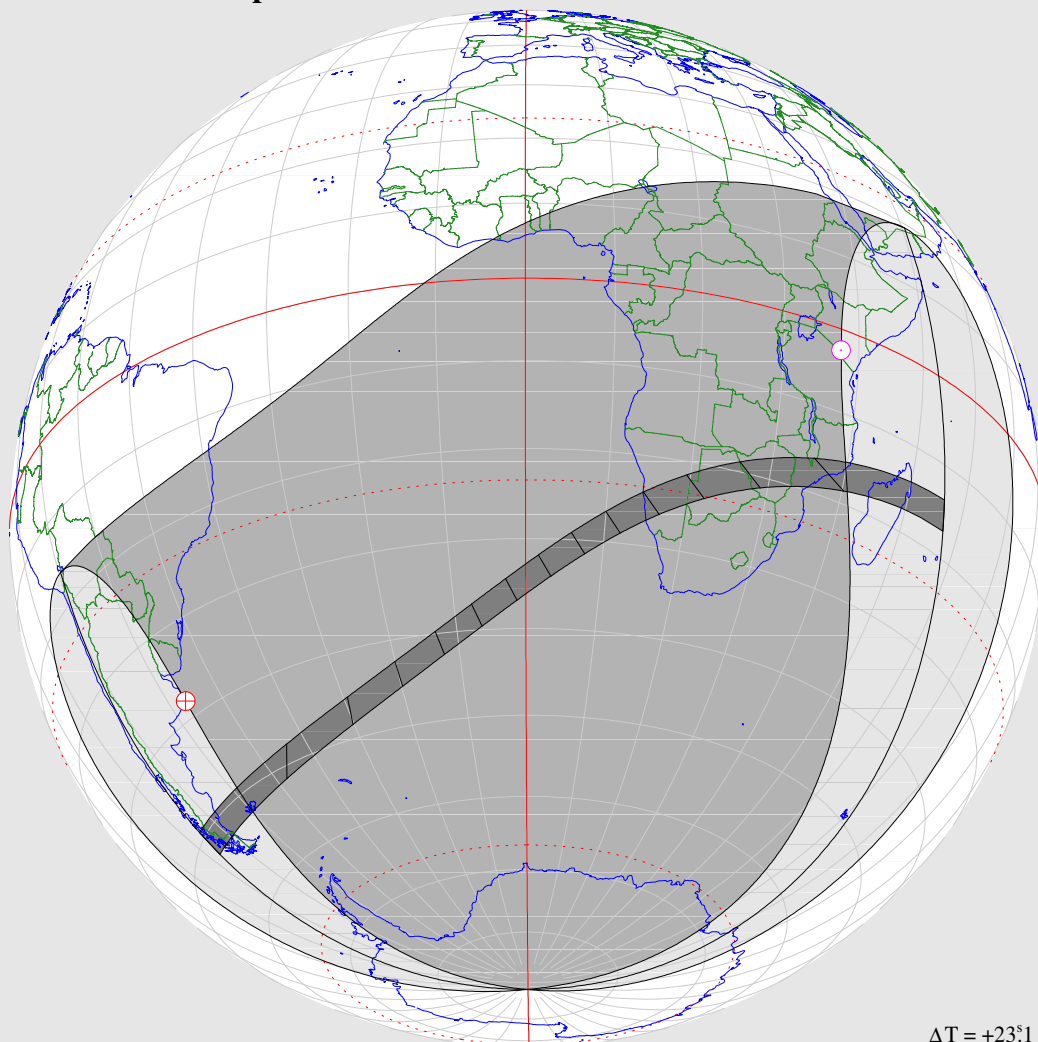


II. - Annular Eclipse of the Sun

1923 March 17



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$\Delta T = +23^s.1$
Globe centred on E 0°3' and S 28°9'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	9 50.4	W 56 42.8	S 38 04.4
Beginning of northern limit of penumbra	10 45.1	W 69 34.5	S 16 12.8
Beginning of northern limit of umbra	11 03.7	W 75 39.2	S 49 11.6
Beginning of centre line; central eclipse begins	11 05.5	W 76 13.4	S 50 48.6
Beginning of southern limit of umbra	11 07.5	W 76 49.8	S 52 27.5
Central eclipse at local apparent noon	12 24.1	W 3 50.7	S 36 39.6
End of southern limit of umbra	14 21.9	E 57 11.1	S 17 04.4
End of centre line; central eclipse ends	14 23.8	E 56 39.1	S 15 24.5
End of northern limit of umbra	14 25.7	E 56 08.7	S 13 46.5
End of northern limit of penumbra	14 44.0	E 50 37.4	N 19 16.4
⊙ Eclipse ends; last contact with Earth	15 38.9	E 37 30.2	S 2 38.1