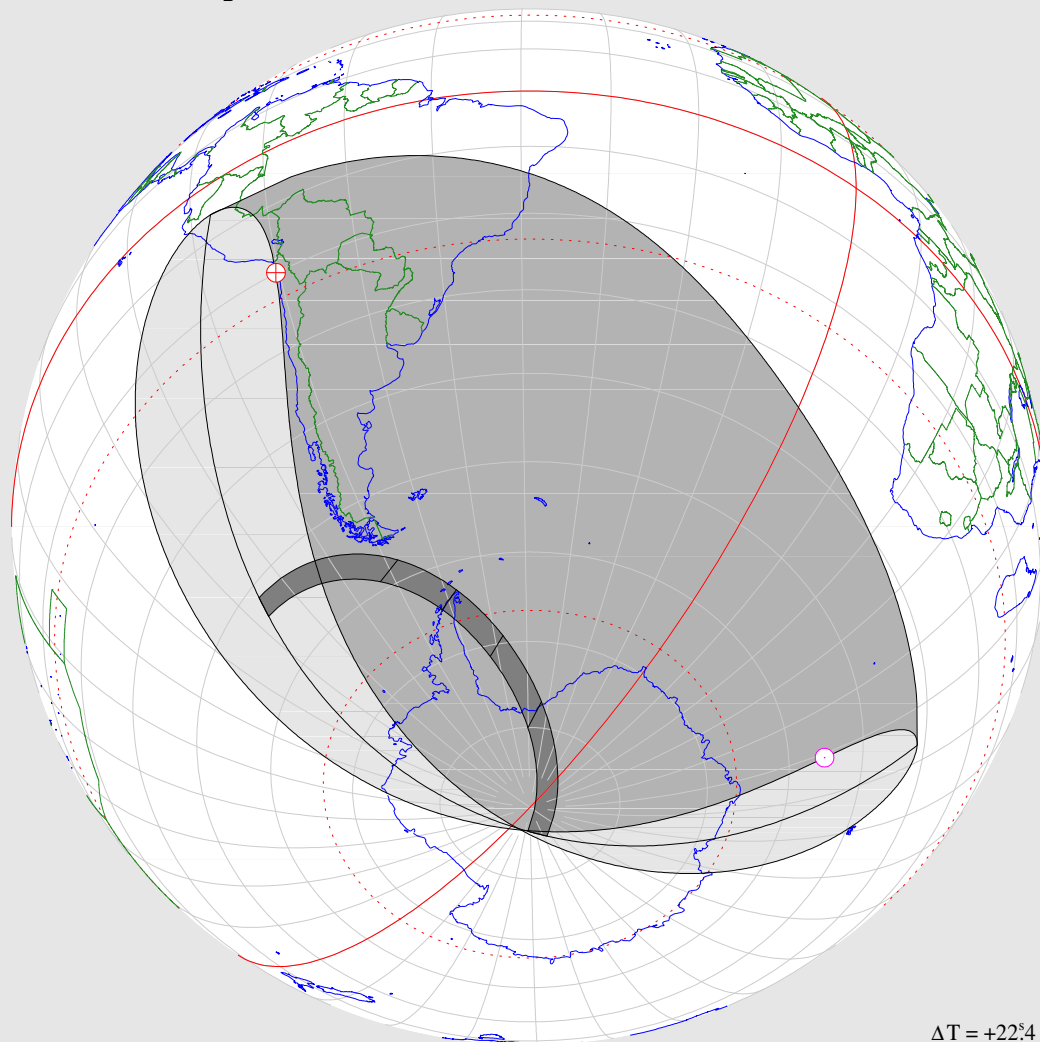


III. - Total Eclipse of the Sun

1921 October 01



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$\Delta T = +22^s.4$
Globe centred on W 39°0 and S 57°2

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	10 27.1	W 70 24.9	S 19 55.6
Beginning of northern limit of penumbra	10 57.6	W 77 15.4	S 5 48.5
Beginning of northern limit of umbra	11 58.0	W 95 54.2	S 51 24.2
Beginning of centre line; central eclipse begins	11 59.8	W 96 31.3	S 52 28.5
Beginning of southern limit of umbra	12 01.8	W 97 11.1	S 53 36.3
Central eclipse at local apparent noon	13 07.2	W 19 20.4	S 84 23.8
End of southern limit of umbra	13 09.0	E 144 53.8	S 86 47.4
End of centre line; central eclipse ends	13 10.9	E 127 21.8	S 86 20.2
End of northern limit of umbra	13 12.8	E 114 59.4	S 85 40.8
End of northern limit of penumbra	14 13.4	E 56 49.9	S 41 20.6
⊙ Eclipse ends; last contact with Earth	14 43.9	E 50 59.3	S 55 21.8