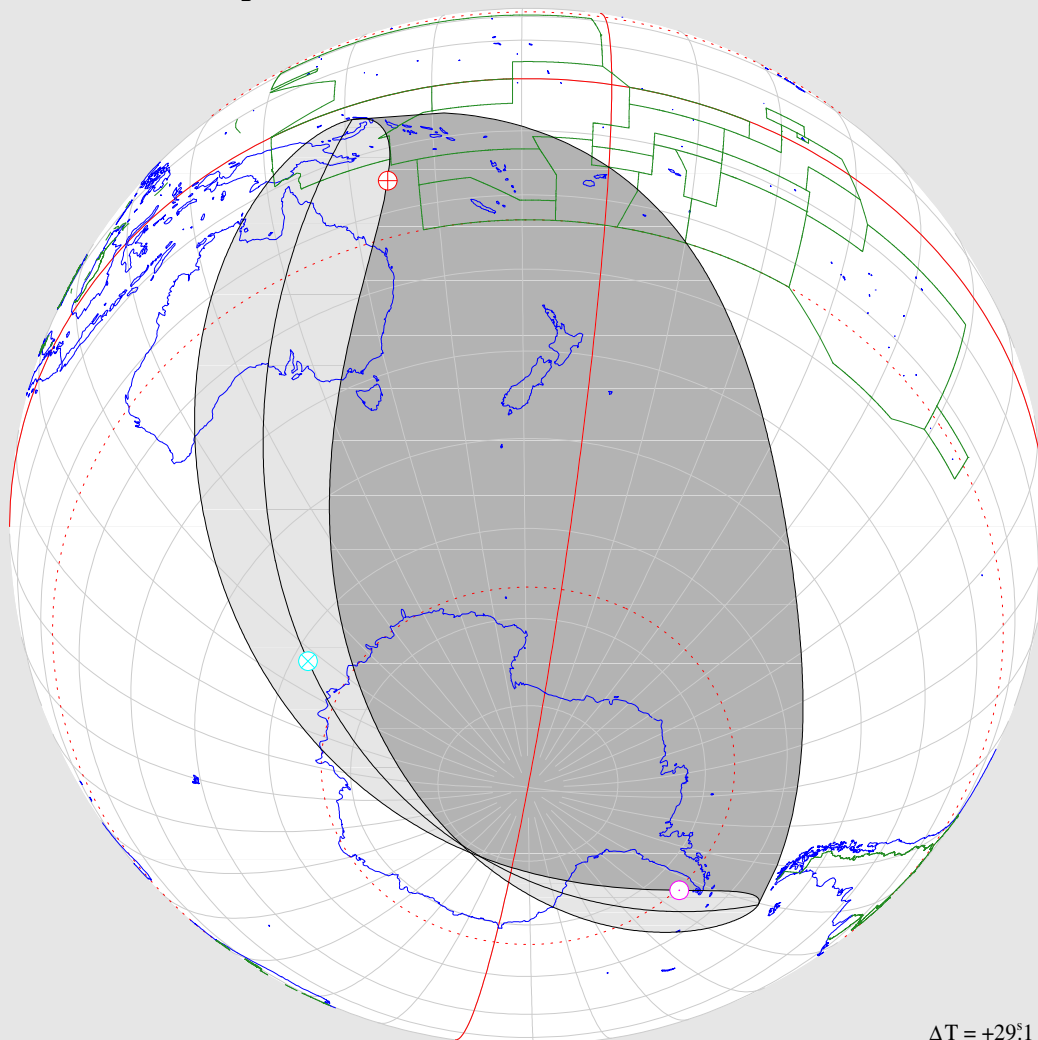


IV. - Partial Eclipse of the Sun

1949 October 21



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$\Delta T = +29^s.1$
Globe centred on E 170°7 and S 59°8

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	19 15.1	E 154 24.6	S 15 17.9
Beginning of northern limit of penumbra	19 39.0	E 150 50.6	S 3 00.1
⊗ Greatest eclipse (magnitude = 0.9641)	21 12.5	E 107 16.0	S 61 41.0
End of northern limit of penumbra	22 45.7	W 59 34.8	S 54 43.8
⊙ Eclipse ends; last contact with Earth	23 09.6	W 55 33.3	S 66 10.1