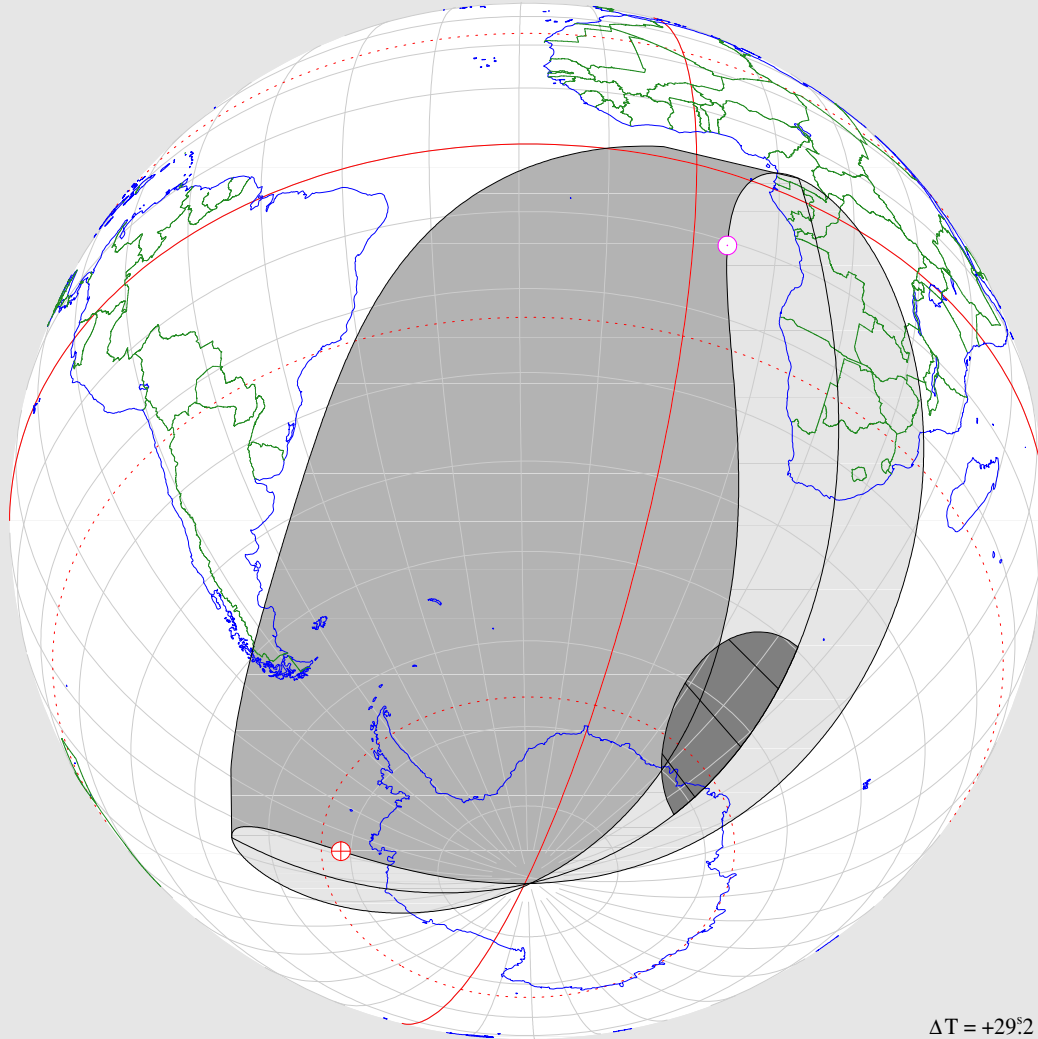


I. - Annular Eclipse of the Sun

1950 March 18



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$\Delta T = +29^s.2$
Globe centred on W 19°0' and S 46°6'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	13	10.8	W108	19.1	S 68	50.6
Beginning of northern limit of penumbra	13	45.7	W115	49.7	S 54	51.9
Beginning of northern limit of umbra	15	09.0	E 47	57.6	S 72	10.6
End of northern limit of umbra	15	54.8	E 34	32.3	S 49	37.9
End of northern limit of penumbra	17	17.7	E 12	33.8	N 3	31.7
⊙ Eclipse ends; last contact with Earth	17	52.8	E 4	02.3	S 10	35.2