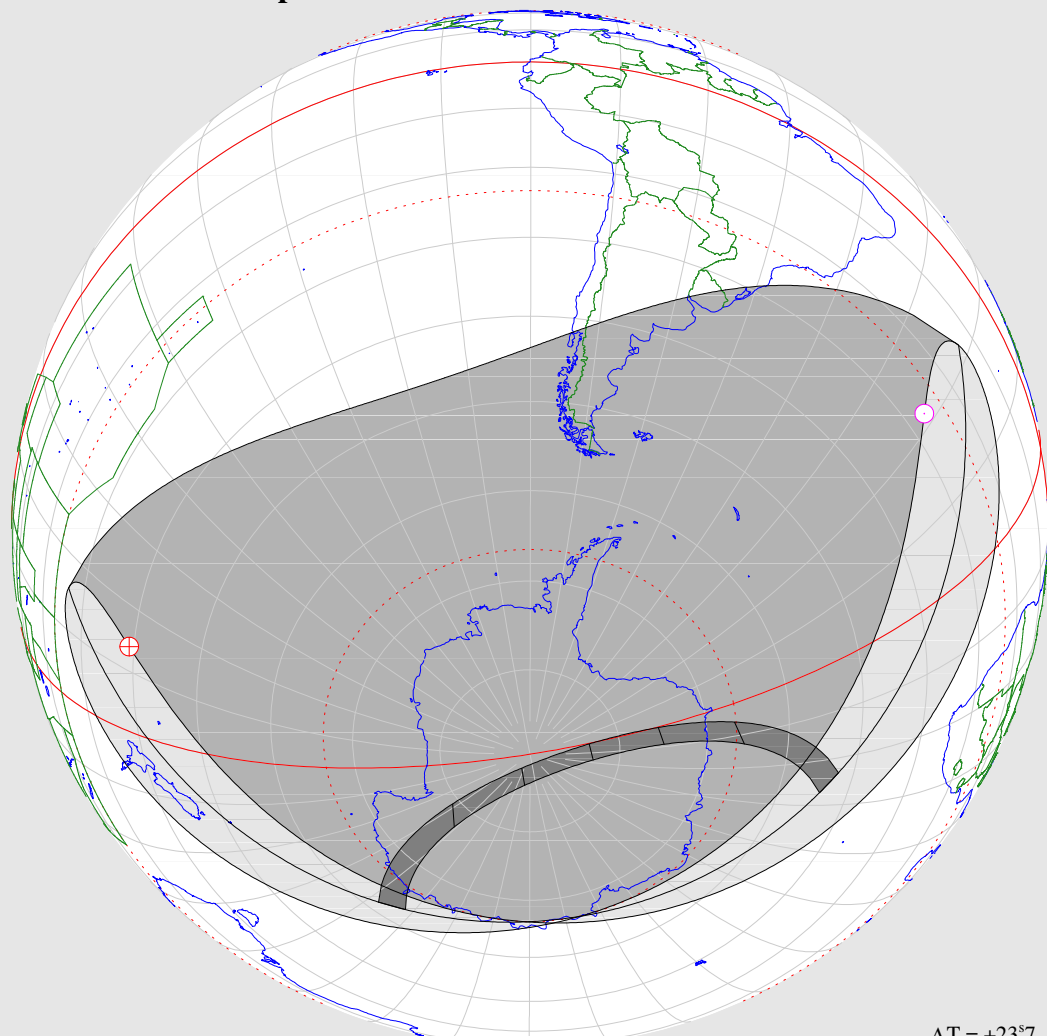


VII. - Annular Eclipse of the Sun

1935 December 25



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$\Delta T = +23^s.7$
Globe centred on W 80°1' and S 64°2'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	15	42.0	W166	11.3	S 39	11.7
Beginning of northern limit of penumbra	16	07.5	W164	23.3	S 26	32.3
Beginning of northern limit of umbra	17	15.6	E 137	48.0	S 61	37.6
Beginning of centre line; central eclipse begins	17	17.9	E 134	57.5	S 62	18.0
Beginning of southern limit of umbra	17	20.3	E 131	50.6	S 62	58.2
Central eclipse at local apperent midnight	17	47.0	E 93	13.4	S 87	43.0
End of southern limit of umbra	18	38.8	E 27	10.4	S 54	11.8
End of centre line; central eclipse ends	18	41.2	E 25	05.6	S 53	13.7
End of northern limit of umbra	18	43.4	E 23	11.3	S 52	17.7
End of northern limit of penumbra	19	51.4	W 21	43.3	S 13	52.2
⊙ Eclipse ends; last contact with Earth	20	17.0	W 21	33.2	S 26	54.4