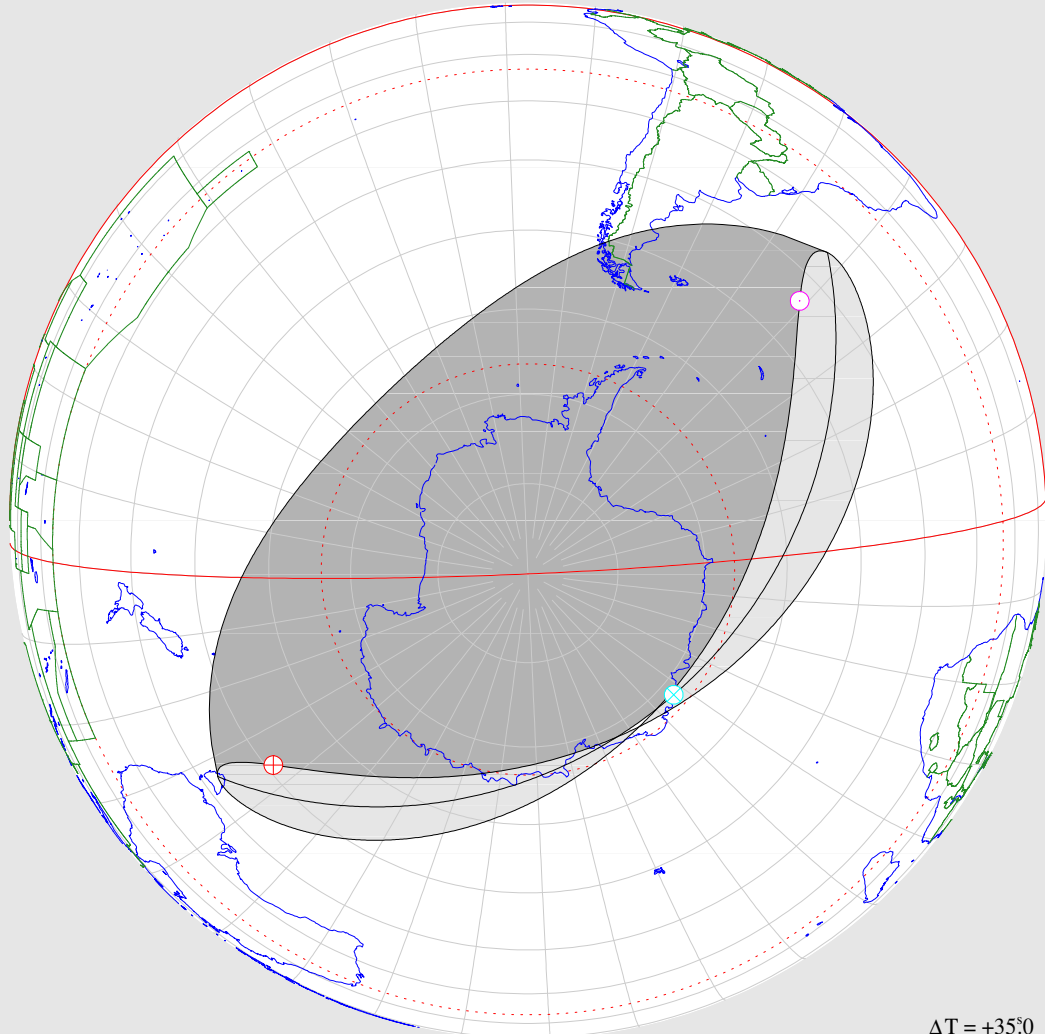


# I. - Partial Eclipse of the Sun

1964 January 14



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$\Delta T = +35^s.0$   
Globe centred on W 87°5 and S 84°1

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	18	38.3	E 143	47.6	S 50	58.6
Beginning of northern limit of penumbra	18	56.1	E 147	01.7	S 42	43.2
⊗ Greatest eclipse (magnitude = 0.5593)	20	29.5	E 43	11.4	S 68	13.9
End of northern limit of penumbra	22	03.0	W 42	34.0	S 35	05.0
○ Eclipse ends; last contact with Earth	22	20.8	W 41	00.9	S 43	42.8