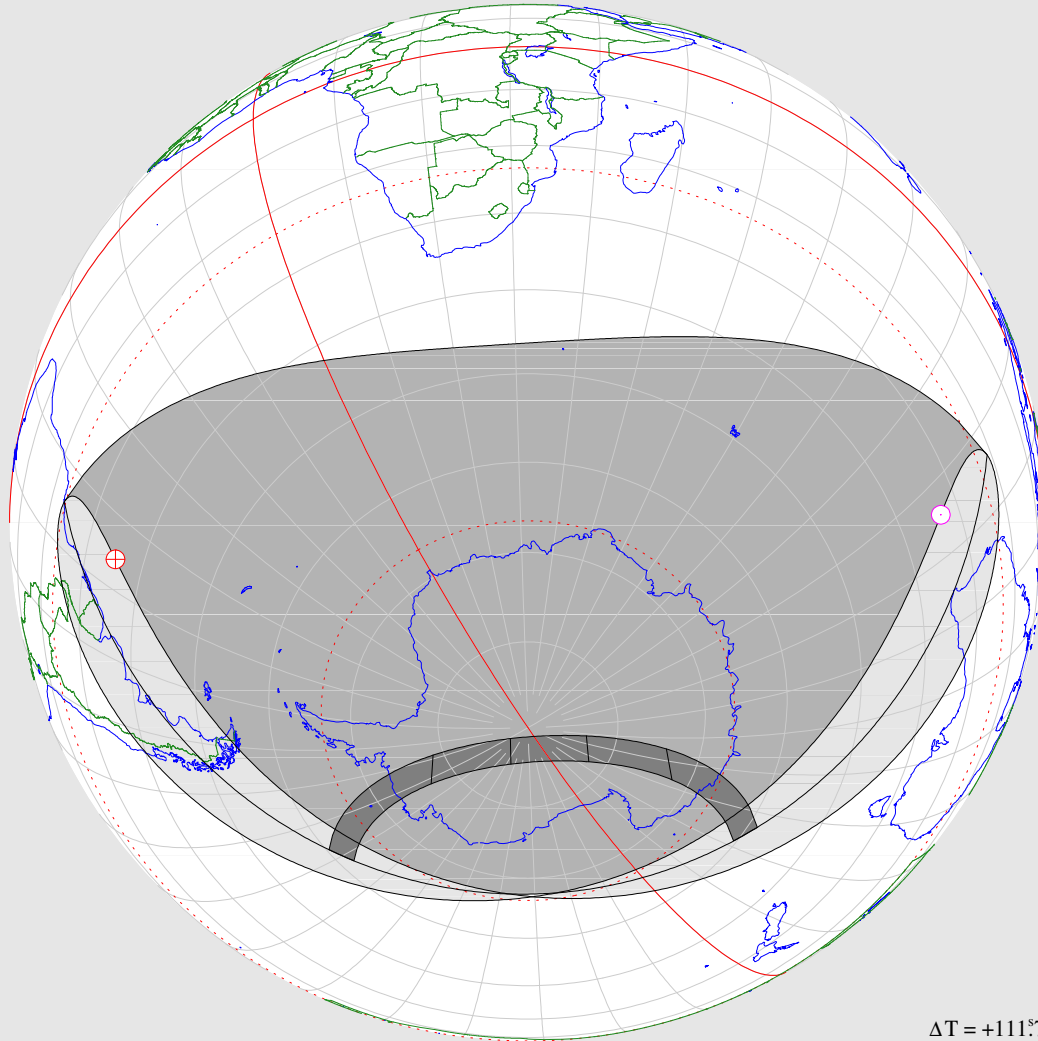


I. - Total Eclipse of the Sun

2076 January 06



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$\Delta T = +111^s.7$
Globe centred on E 32°0' and S 66°7'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	8	00.0	W 45	44.7	S 35	28.1
Beginning of northern limit of penumbra	8	23.2	W 44	35.8	S 23	09.5
Beginning of northern limit of umbra	9	28.3	W 97	12.1	S 60	18.7
Beginning of centre line; central eclipse begins	9	30.5	W 99	43.9	S 61	05.4
Beginning of southern limit of umbra	9	32.7	W 102	32.1	S 61	53.2
Central eclipse at local apperent midnight	10	03.5	W 149	28.4	S 87	22.1
End of southern limit of umbra	10	38.4	E 158	31.8	S 60	24.0
End of centre line; central eclipse ends	10	40.7	E 155	55.1	S 59	32.4
End of northern limit of umbra	10	42.9	E 153	33.7	S 58	42.2
End of northern limit of penumbra	11	48.0	E 103	31.2	S 20	55.5
⊙ Eclipse ends; last contact with Earth	12	11.2	E 104	22.6	S 33	18.1