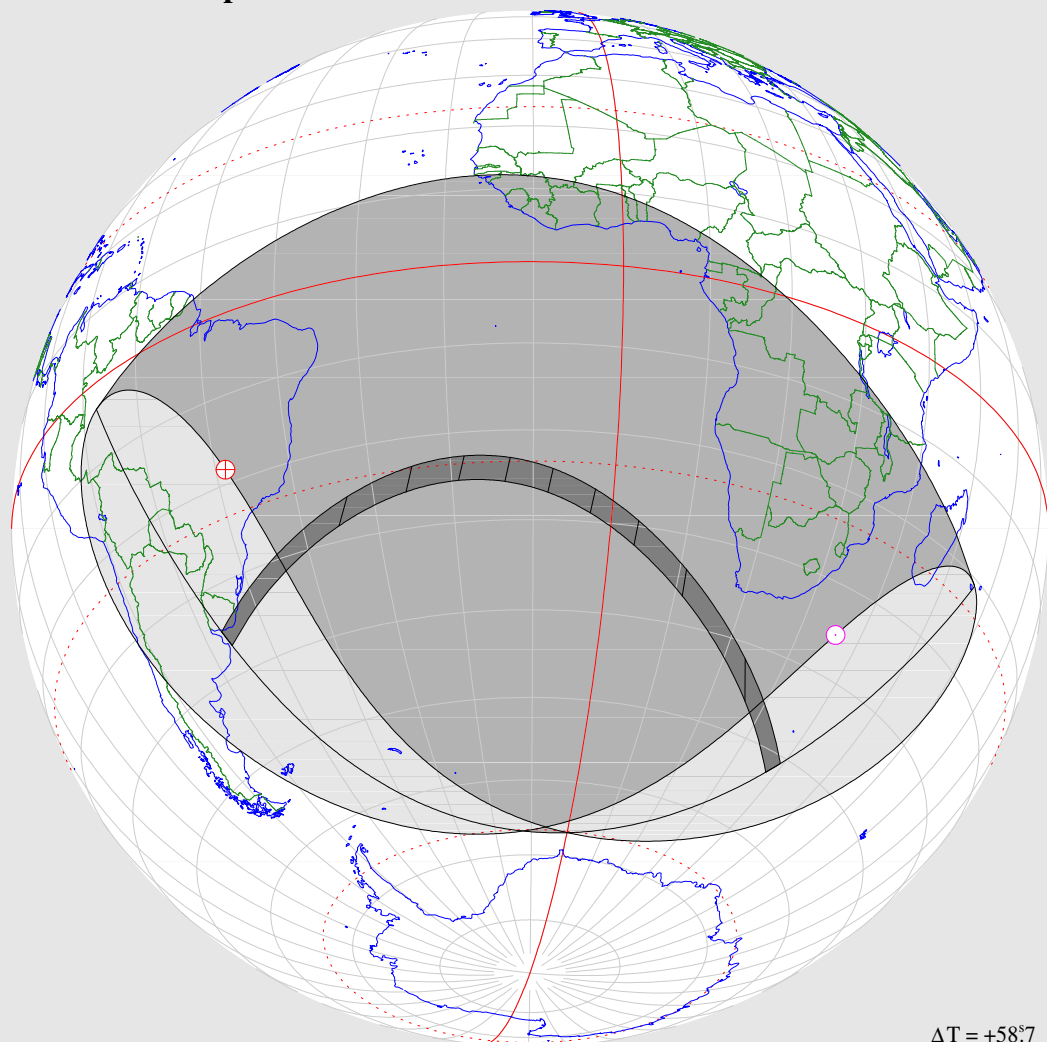


### III. - Total Eclipse of the Sun

1992 June 30



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$\Delta T = +58^s.7$   
Globe centred on W 10°4 and S 31°0

Circumstances	Time (UT)		Longitude	Latitude
	h	m	° /	° /
⊕ Eclipse begins; first contact with Earth	9	50.9	W 48 39.0	S 18 22.2
Beginning of northern limit of penumbra	10	38.6	W 67 17.8	S 3 22.3
Beginning of northern limit of umbra	11	00.4	W 56 51.3	S 34 53.4
Beginning of centre line; central eclipse begins	11	01.7	W 56 32.6	S 35 49.2
Beginning of southern limit of umbra	11	03.0	W 56 13.1	S 36 46.0
Central eclipse at local apparent noon	12	23.4	W 4 55.5	S 26 39.5
End of southern limit of umbra	13	17.5	E 37 49.1	S 52 24.6
End of centre line; central eclipse ends	13	18.9	E 38 37.1	S 51 33.9
End of northern limit of umbra	13	20.2	E 39 22.2	S 50 43.7
End of northern limit of penumbra	13	42.0	E 56 06.4	S 20 42.8
⊙ Eclipse ends; last contact with Earth	14	29.7	E 35 52.3	S 35 19.5