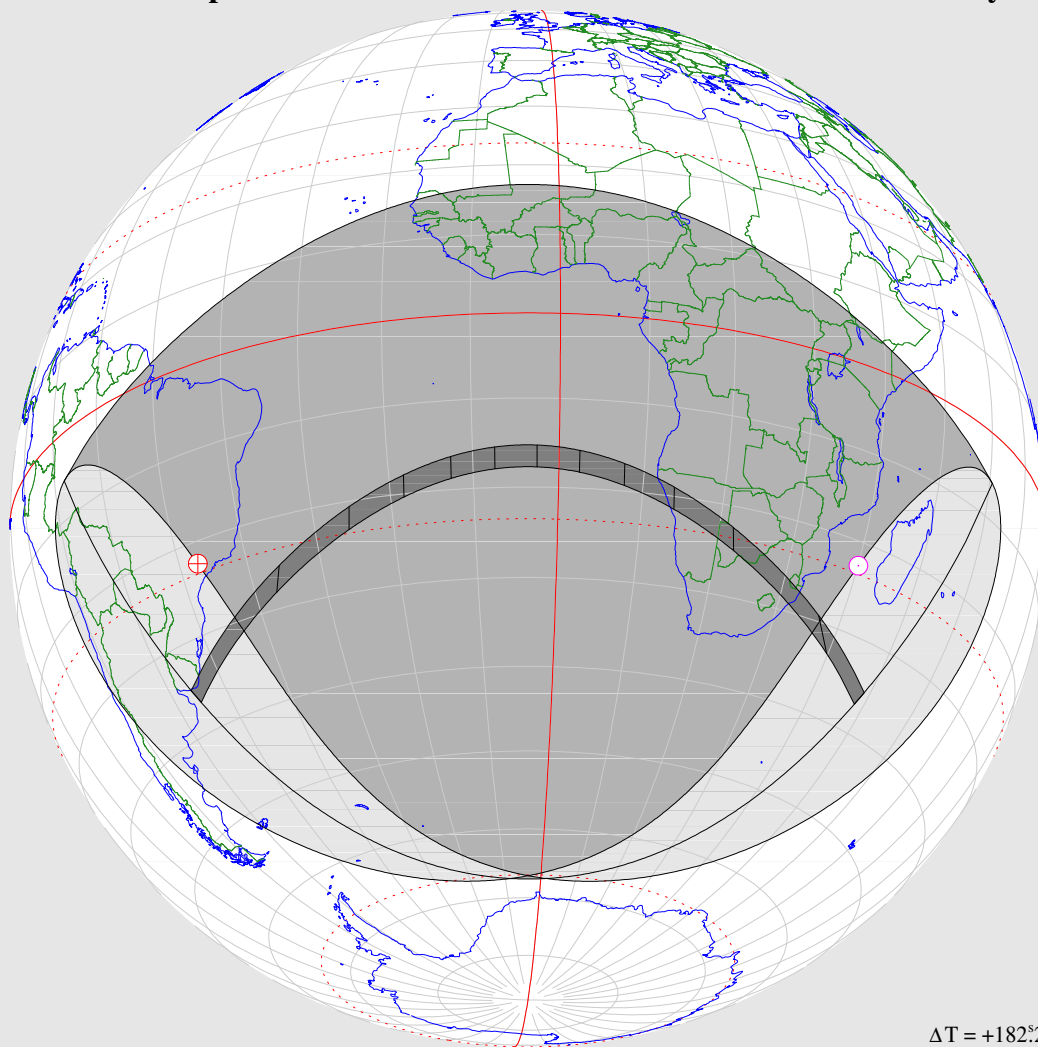


II. - Total Eclipse of the Sun

1565 May 29



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$\Delta T = +182^s.2$
Globe centred on W $3^{\circ}6'$ and S $24^{\circ}6'$

Circumstances	Time (UT)		Longitude	Latitude
	h	m	$^{\circ}$ /	$^{\circ}$ /
⊕ Eclipse begins; first contact with Earth	9	46.6	W 47 09.0	S 22 24.0
Beginning of northern limit of penumbra	10	38.2	W 67 39.0	S 5 38.8
Beginning of northern limit of umbra	10	50.6	W 56 00.9	S 34 56.8
Beginning of centre line; central eclipse begins	10	51.5	W 55 40.8	S 35 46.7
Beginning of southern limit of umbra	10	52.4	W 55 20.2	S 36 37.1
Central eclipse at local apparent noon	12	12.1	W 3 30.7	S 16 30.7
End of southern limit of umbra	13	31.4	E 48 14.2	S 36 48.4
End of centre line; central eclipse ends	13	32.3	E 48 34.7	S 35 58.7
End of northern limit of umbra	13	33.2	E 48 54.7	S 35 09.6
End of northern limit of penumbra	13	45.7	E 60 36.2	S 5 50.9
⊙ Eclipse ends; last contact with Earth	14	37.2	E 40 04.3	S 22 36.1