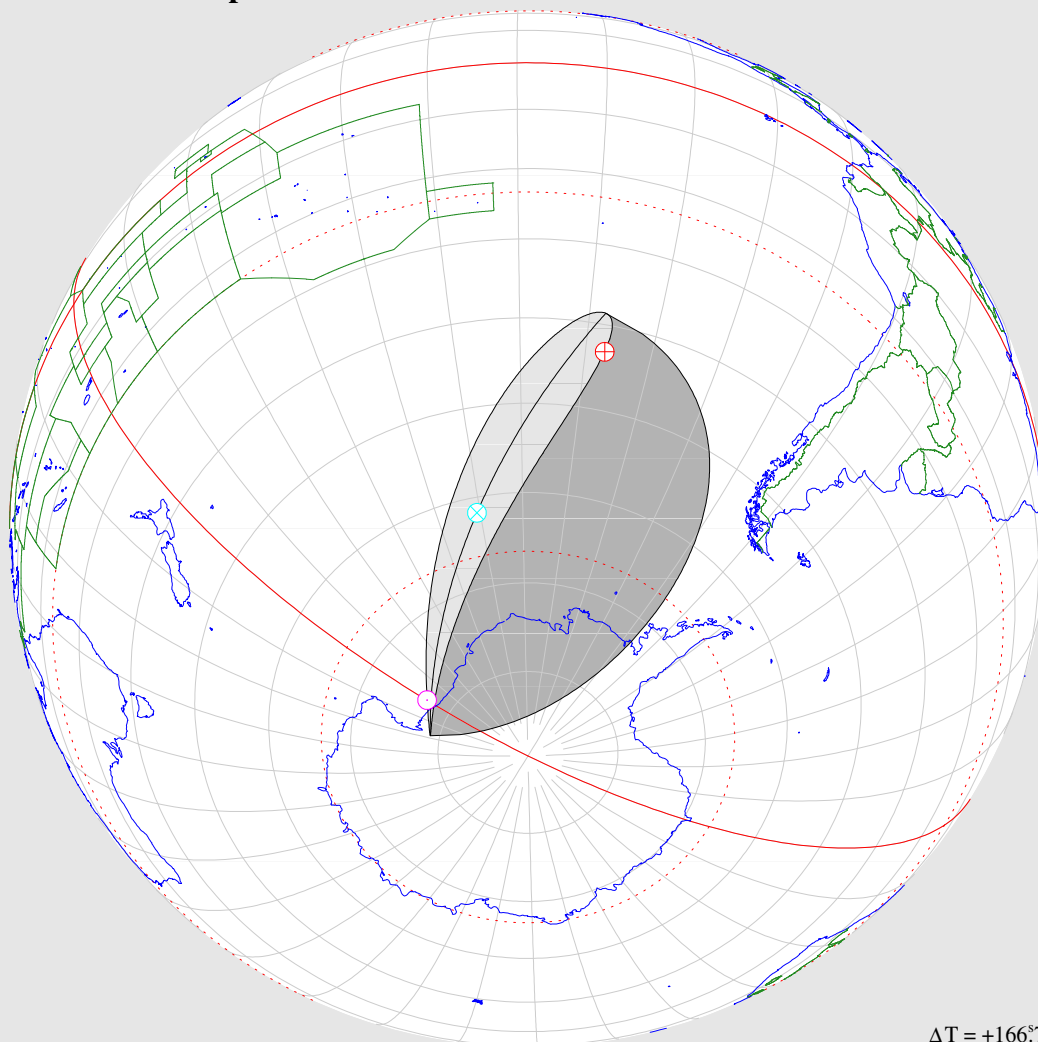


V. - Partial Eclipse of the Sun

1577 October 11



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$\Delta T = +166^s.7$
Globe centred on W 118°8' and S 64°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	12	12.1	W107	05.0	S 43	13.0
Beginning of northern limit of penumbra	12	20.8	W107	43.2	S 38	36.9
⊗ Greatest eclipse (magnitude = 0.1654)	13	05.2	W130	47.8	S 61	43.2
End of northern limit of penumbra	13	49.0	E 161	29.3	S 78	57.6
⊙ Eclipse ends; last contact with Earth	13	57.9	W179	52.9	S 77	09.1