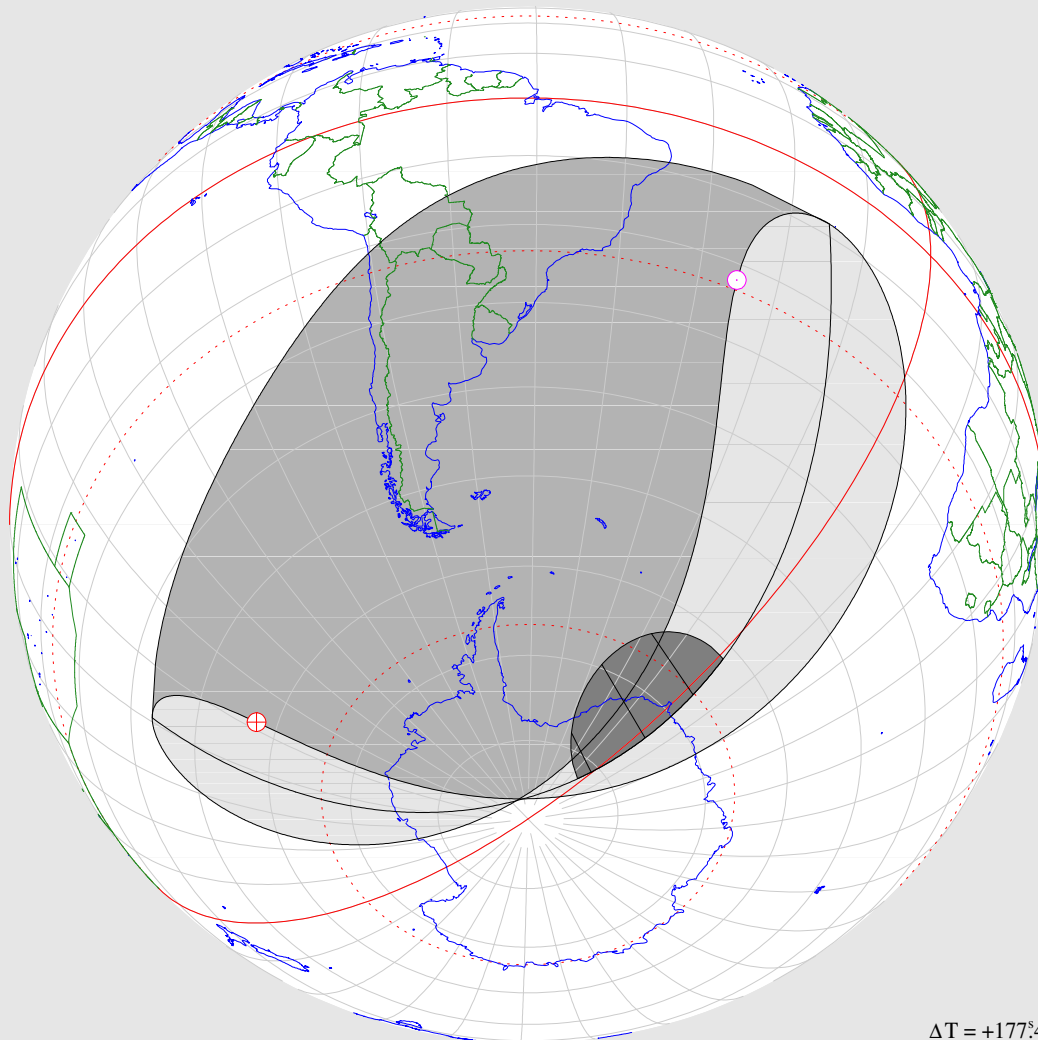


II. - Annular Eclipse of the Sun

1569 March 17



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$\Delta T = +177^s.4$
Globe centred on W 51°0' and S 55°4'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	14 55.1	W128 11.6	S 57 31.1
Beginning of northern limit of penumbra	15 32.7	W139 15.5	S 43 30.3
Beginning of northern limit of umbra	16 56.5	W 3 41.8	S 82 30.1
End of northern limit of umbra	17 40.6	E 1 13.8	S 61 33.7
End of northern limit of penumbra	19 04.1	W 15 02.2	S 8 03.8
○ Eclipse ends; last contact with Earth	19 41.8	W 25 12.4	S 22 10.8