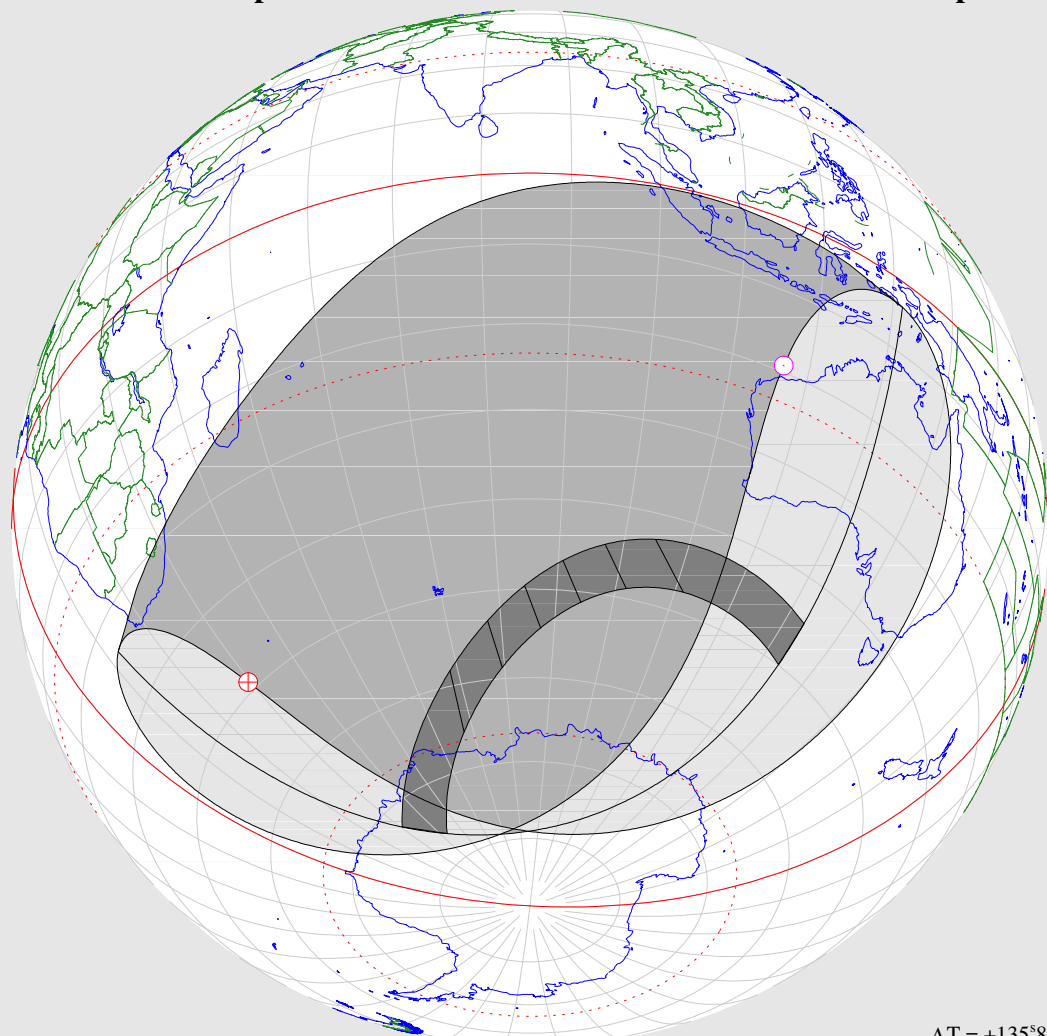


II. - Annular Eclipse of the Sun

1605 April 18



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$\Delta T = +135^s.8$
Globe centred on E 85°4 and S 43°3

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	4 51.8	E 29 32.1	S 48 57.1
Beginning of northern limit of penumbra	5 38.7	E 12 28.7	S 33 47.9
Beginning of northern limit of umbra	6 26.9	E 30 25.8	S 72 28.7
Beginning of centre line; central eclipse begins	6 31.6	E 35 24.8	S 74 27.1
Beginning of southern limit of umbra	6 37.0	E 42 46.2	S 76 22.3
Central eclipse at local apparent noon	6 55.6	E 75 53.7	S 57 14.5
End of southern limit of umbra	8 12.2	E 133 32.7	S 49 55.0
End of centre line; central eclipse ends	8 17.6	E 133 27.6	S 47 06.9
End of northern limit of umbra	8 22.3	E 133 18.6	S 44 33.9
End of northern limit of penumbra	9 10.3	E 131 29.7	S 3 45.3
⊙ Eclipse ends; last contact with Earth	9 57.3	E 116 36.9	S 19 11.0