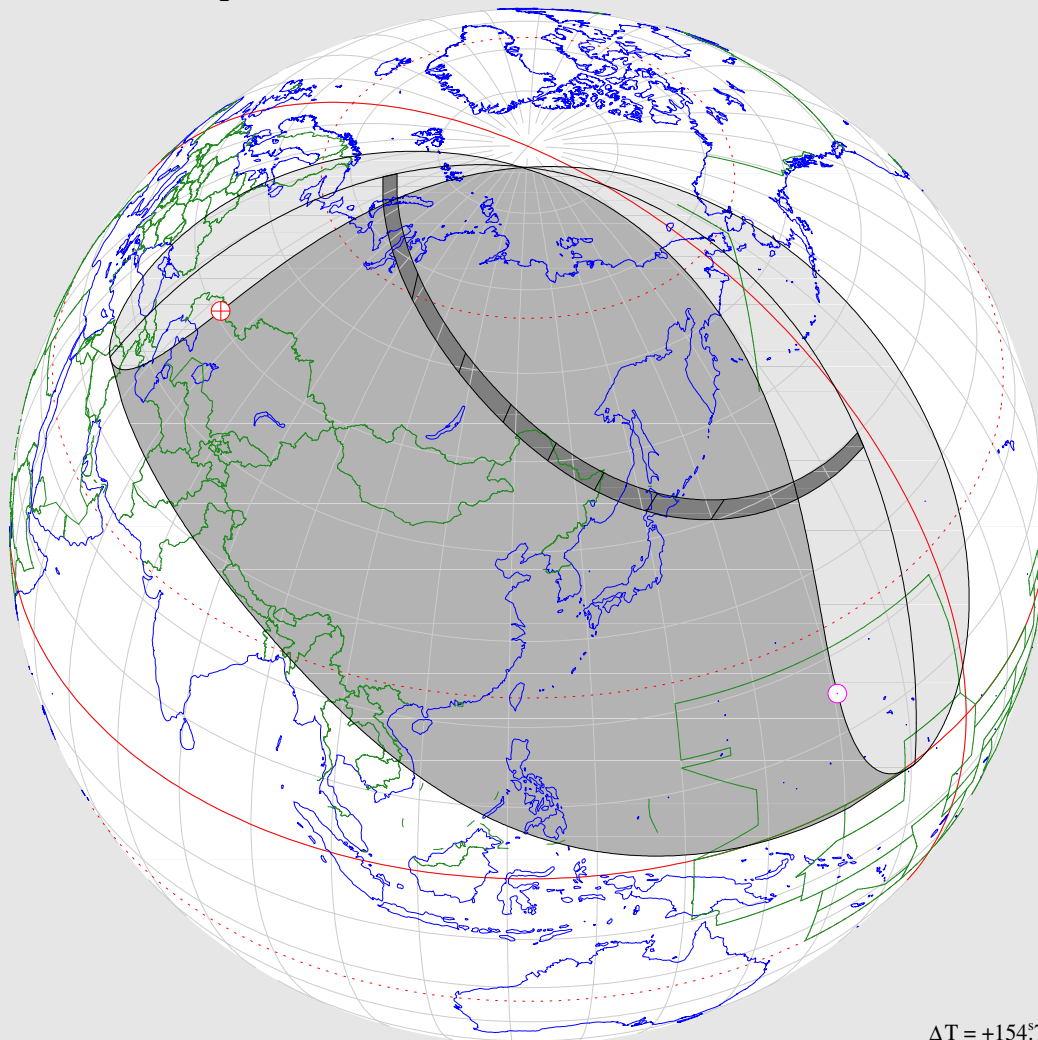


IV. - Total Eclipse of the Sun

1587 October 02



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$\Delta T = +154^s.7$
Globe centred on E 122°3 and N 42°8

Circumstances	Time (UT)		Longitude	Latitude
	h	m	° /	° /
⊕ Eclipse begins; first contact with Earth	2	34.0	E 52 55.4	N 50 41.7
Beginning of southern limit of penumbra	3	10.4	E 42 06.7	N 35 05.7
Beginning of southern limit of umbra	3	50.7	E 40 59.9	N 73 34.1
Beginning of centre line; central eclipse begins	3	51.9	E 41 18.3	N 74 21.6
Beginning of northern limit of umbra	3	53.2	E 41 40.8	N 75 10.0
Central eclipse at local apparent noon	4	20.9	E 112 09.6	N 58 21.7
End of northern limit of umbra	5	44.8	E 178 24.1	N 39 59.5
End of centre line; central eclipse ends	5	46.0	E 178 09.8	N 39 08.9
End of southern limit of umbra	5	47.3	E 177 55.9	N 38 19.4
End of southern limit of penumbra	6	27.3	E 170 35.3	S 0 26.2
○ Eclipse ends; last contact with Earth	7	03.8	E 160 31.0	N 15 14.8