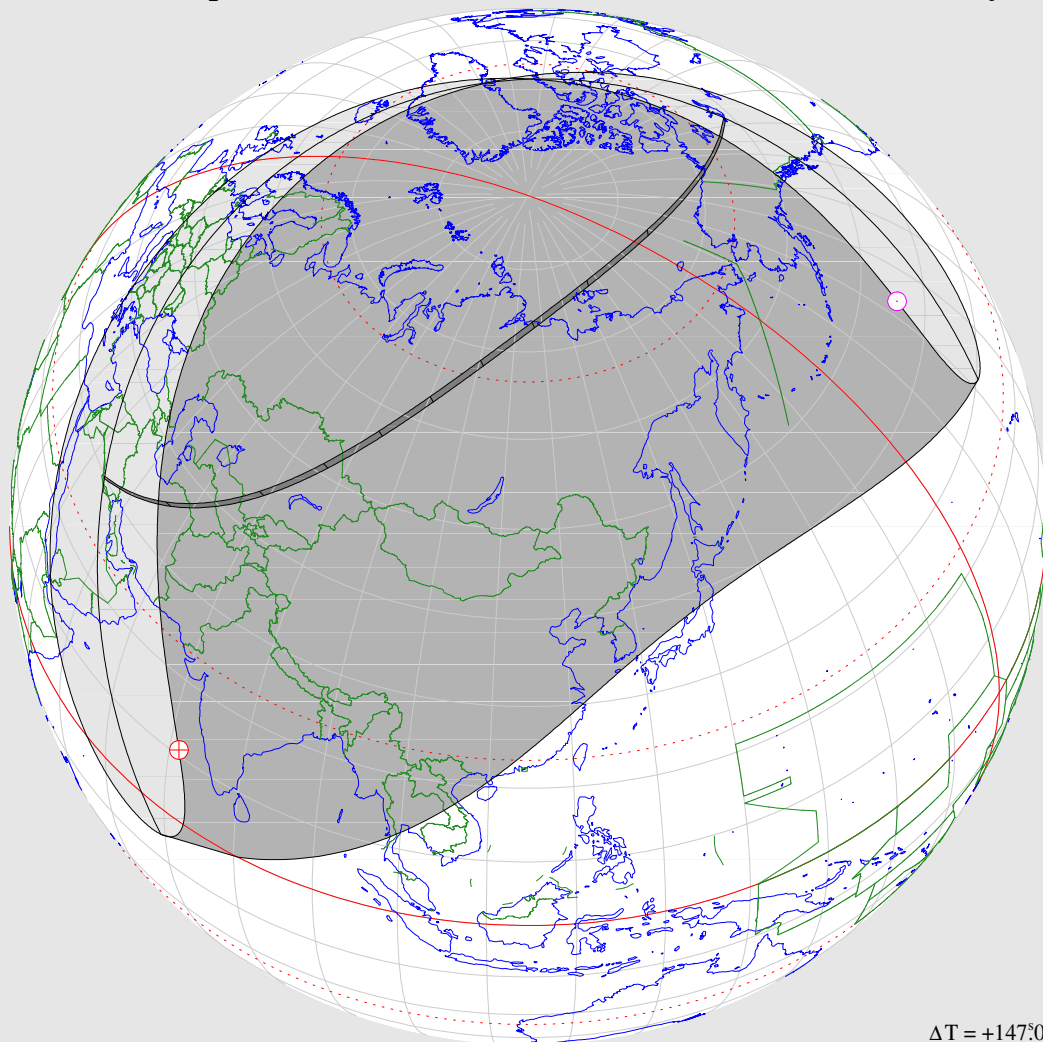


II. - Total Eclipse of the Sun

1594 May 20



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$\Delta T = +147^{\circ}0$
Globe centred on E 114°6' and N 50°3'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	0	54.7	E 71	19.9	N 10	47.3
Beginning of southern limit of penumbra	1	25.7	E 69	17.7	S 4	52.0
Beginning of southern limit of umbra	2	11.0	E 44	14.0	N 29	49.0
Beginning of centre line; central eclipse begins	2	11.1	E 44	09.5	N 29	53.8
Beginning of northern limit of umbra	2	11.3	E 44	05.1	N 29	58.7
Central eclipse at local apparent noon	3	48.5	E 121	49.1	N 74	12.9
End of northern limit of umbra	4	30.0	W 117	11.6	N 61	16.7
End of centre line; central eclipse ends	4	30.2	W 117	24.2	N 61	12.0
End of southern limit of umbra	4	30.4	W 117	36.8	N 61	07.2
End of southern limit of penumbra	5	15.8	W 158	07.8	N 29	36.2
⊙ Eclipse ends; last contact with Earth	5	46.7	W 156	48.7	N 44	34.3