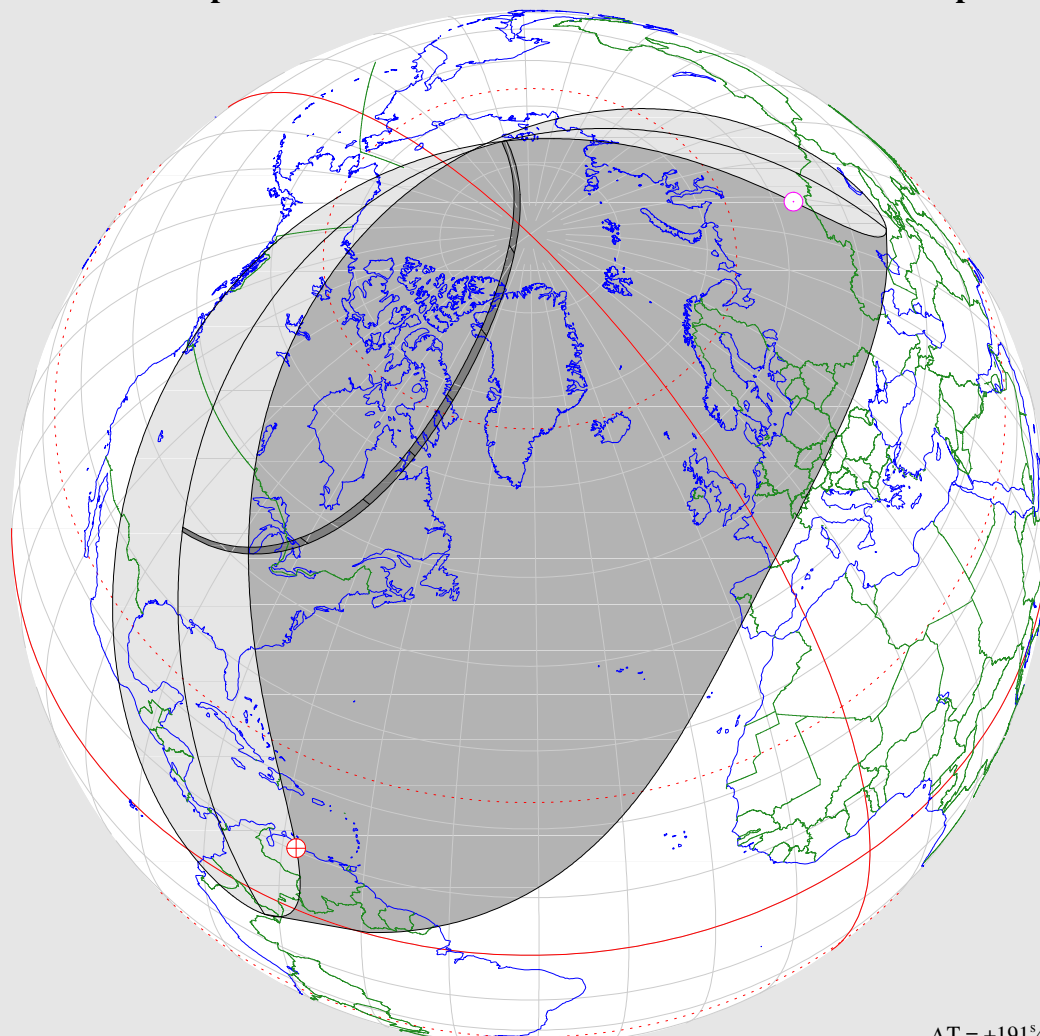


II. - Total Eclipse of the Sun

1558 April 18



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$\Delta T = +191^s.4$
Globe centred on W 41°0 and N 55°4

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	10	19.8	W 68	17.8	N 10	26.9
Beginning of southern limit of penumbra	10	48.7	W 71	53.7	S 3	56.8
Beginning of southern limit of umbra	11	47.5	W 98	35.7	N 37	24.4
Beginning of centre line; central eclipse begins	11	47.8	W 98	46.1	N 37	36.4
Beginning of northern limit of umbra	11	48.2	W 98	56.5	N 37	48.5
Central eclipse at local apperent midnight	13	20.4	E 159	11.4	N 85	52.3
End of northern limit of umbra	13	23.8	E 151	52.1	N 75	51.2
End of centre line; central eclipse ends	13	24.2	E 150	48.5	N 75	49.5
End of southern limit of umbra	13	24.6	E 149	45.6	N 75	47.7
End of southern limit of penumbra	14	23.5	E 67	14.5	N 43	37.8
○ Eclipse ends; last contact with Earth	14	52.2	E 69	08.4	N 57	13.2