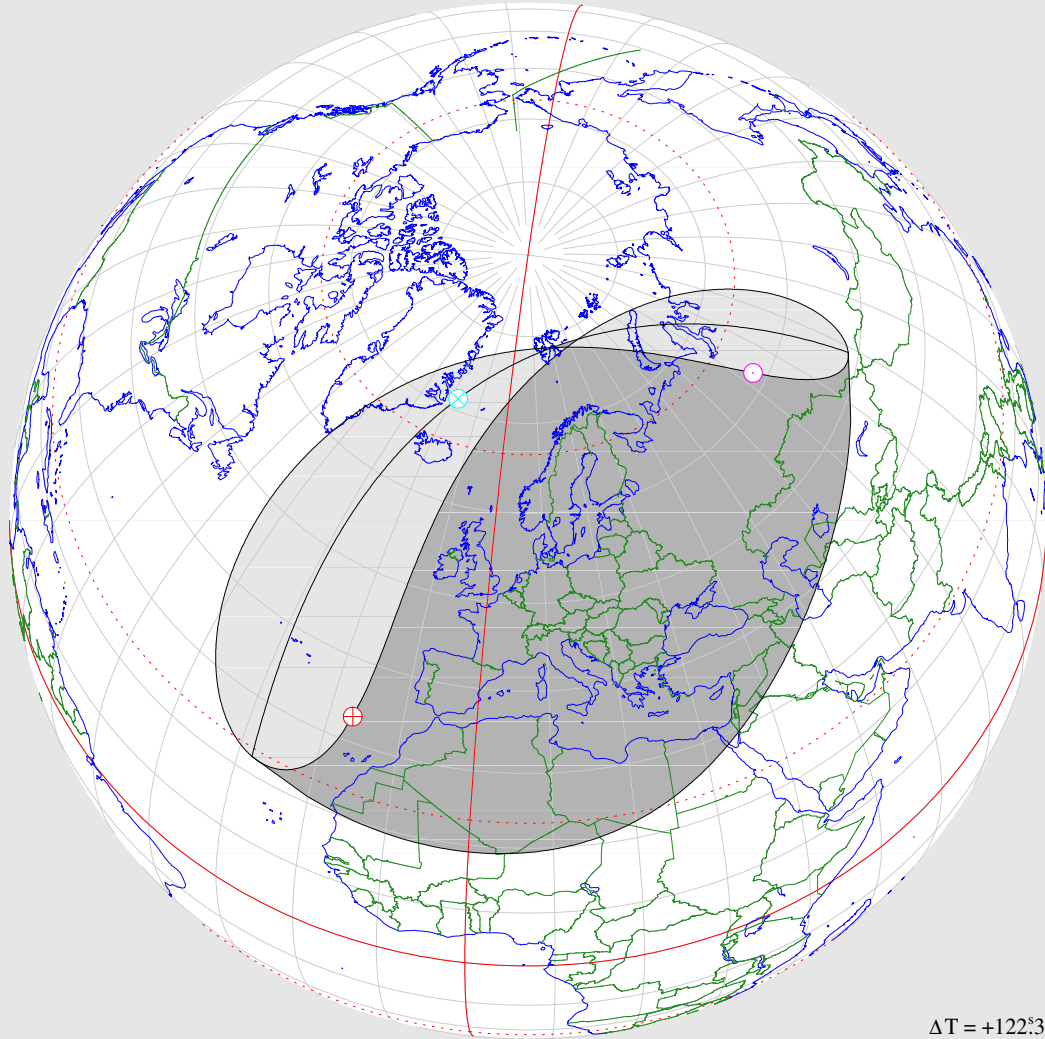


I. - Partial Eclipse of the Sun

2091 February 18



©HM Nautical Almanac Office

$\Delta T = +122^s.3$
Globe centred on E 7°0' and N 59°2'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	7	51.6	W 16	49.1	N33	08.3
Beginning of southern limit of penumbra	8	25.6	W 28	10.2	N22	21.7
⊗ Greatest eclipse (magnitude = 0.6562)	9	52.6	W 17	52.3	N71	17.9
End of southern limit of penumbra	11	19.4	E 88	54.5	N51	23.1
○ Eclipse ends; last contact with Earth	11	53.4	E 73	04.4	N61	37.7