

II. - Total Eclipse of the Sun

1757 February 18



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$\Delta T = +14^s 1$
Globe centred on W 4°0 and S 43°9

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	10 49.3	W 78 55.8	S 41 07.7
Beginning of northern limit of penumbra	11 24.8	W 82 44.2	S 23 46.6
Beginning of northern limit of umbra	11 58.6	W104 37.3	S 57 31.2
Beginning of centre line; central eclipse begins	11 59.0	W104 55.8	S 57 47.8
Beginning of southern limit of umbra	11 59.5	W105 14.5	S 58 04.4
Central eclipse at local apparent noon	12 54.2	W 9 58.1	S 58 11.4
End of southern limit of umbra	14 28.7	E 62 54.0	S 29 15.9
End of centre line; central eclipse ends	14 29.1	E 62 43.8	S 28 59.5
End of northern limit of umbra	14 29.5	E 62 33.7	S 28 43.1
End of northern limit of penumbra	15 03.2	E 46 37.3	N 5 45.4
⊙ Eclipse ends; last contact with Earth	15 38.8	E 41 16.9	S 11 48.4