

## II. - Annular Eclipse of the Sun

1720 February 08



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$\Delta T = +11^{\text{m}}30^{\text{s}}$   
Globe centred on E 35°6' and S 15°8'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	6 56.8	W 14 12.7	S 13 19.6
Beginning of northern limit of umbra	7 59.6	W 29 54.9	S 13 21.5
Beginning of centre line; central eclipse begins	7 59.8	W 30 11.1	S 14 05.2
Beginning of southern limit of umbra	8 00.1	W 30 27.6	S 14 48.9
Beginning of northern limit of penumbra	8 08.5	W 23 18.1	N 18 16.2
Beginning of southern limit of penumbra	8 28.0	W 50 10.5	S 46 51.5
Central eclipse at local apparent noon	9 51.4	E 35 50.2	S 17 29.9
End of southern limit of penumbra	11 16.8	E 111 12.5	S 23 22.9
End of northern limit of penumbra	11 35.9	E 85 35.8	N 41 59.1
End of southern limit of umbra	11 44.5	E 95 01.6	N 9 12.1
End of centre line; central eclipse ends	11 44.8	E 94 45.1	N 9 57.3
End of northern limit of umbra	11 45.0	E 94 28.8	N 10 42.4
⊙ Eclipse ends; last contact with Earth	12 47.9	E 78 45.7	N 10 43.0