

V. - Annular Eclipse of the Sun

1803 August 17



$\Delta T = +12^s 8$

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Globe centred on E 55°1' and N 13°3'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	5 24.4	E 3 36.7	N 24 07.1
Beginning of southern limit of umbra	6 29.0	W 12 17.7	N 23 16.0
Beginning of centre line; central eclipse begins	6 29.2	W 12 33.8	N 24 01.9
Beginning of northern limit of umbra	6 29.4	W 12 50.4	N 24 47.8
Beginning of southern limit of penumbra	6 42.1	W 7 17.8	S 9 02.9
Beginning of northern limit of penumbra	6 54.7	W 34 05.2	N 56 09.1
Central eclipse at local apparent noon	8 25.1	E 54 43.2	N 13 30.5
End of northern limit of penumbra	9 55.3	E 124 14.6	N 8 26.8
End of southern limit of penumbra	10 07.1	E 97 20.8	S 56 46.4
End of northern limit of umbra	10 20.3	E 109 43.9	S 23 49.8
End of centre line; central eclipse ends	10 20.5	E 109 27.1	S 24 36.9
End of southern limit of umbra	10 20.6	E 109 10.4	S 25 23.9
⊙ Eclipse ends; last contact with Earth	11 25.4	E 93 15.3	S 24 31.7