

V. - Annular Eclipse of the Sun

1846 October 20



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$\Delta T = +6^s.6$
Globe centred on E 57°8' and S 16°7'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	4 47.1	E 16 15.7	N 9 51.7
Beginning of northern limit of umbra	5 51.9	W 0 20.5	N 7 42.8
Beginning of centre line; central eclipse begins	5 52.4	W 0 37.8	N 6 44.9
Beginning of southern limit of umbra	5 52.9	W 0 55.5	N 5 46.9
Beginning of northern limit of penumbra	5 55.8	E 5 44.7	N 39 11.0
Beginning of southern limit of penumbra	6 29.3	W 16 58.7	S 29 41.5
Central eclipse at local apparent noon	7 50.9	E 58 31.4	S 19 22.1
End of southern limit of penumbra	9 02.5	E 148 34.8	S 59 35.7
End of northern limit of penumbra	9 36.5	E 120 30.8	N 8 40.8
End of southern limit of umbra	9 39.2	E 126 14.2	S 24 47.5
End of centre line; central eclipse ends	9 39.7	E 125 54.8	S 23 51.0
End of northern limit of umbra	9 40.1	E 125 35.9	S 22 54.6
⊙ Eclipse ends; last contact with Earth	10 44.9	E 108 57.3	S 20 44.9