

II. - Annular-Total Eclipse of the Sun

1828 April 14



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$\Delta T = +8^s.4$
Globe centred on E 38°1' and N 16°0'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	6 29.8	W 5 39.2	S 10 16.7
Beginning of southern limit of umbra	7 30.6	W 21 20.8	S 7 25.1
Beginning of centre line; central eclipse begins	7 30.7	W 21 24.0	S 7 13.7
Beginning of northern limit of umbra	7 30.8	W 21 27.2	S 7 02.2
Beginning of southern limit of penumbra	7 34.1	W 15 44.7	S 38 57.0
Beginning of northern limit of penumbra	8 04.0	W 36 03.7	N 28 13.2
Central eclipse at local apparent noon	9 24.2	E 39 01.3	N 18 32.3
End of northern limit of penumbra	10 34.6	E 127 39.4	N 59 10.3
End of southern limit of penumbra	11 05.1	E 102 31.2	S 7 34.6
End of northern limit of umbra	11 08.1	E 107 23.7	N 24 29.0
End of centre line; central eclipse ends	11 08.2	E 107 19.7	N 24 16.1
End of southern limit of umbra	11 08.3	E 107 15.7	N 24 03.3
⊙ Eclipse ends; last contact with Earth	12 09.2	E 91 28.6	N 21 13.4