

II. - Annular Eclipse of the Sun

1836 May 15



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$\Delta T = +5^s.7$
Globe centred on W 39°2 and N 37°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	11	06.2	W 76	45.9	S 2	15.7
Beginning of southern limit of penumbra	11	53.4	W 80	45.0	S 23	30.0
Beginning of southern limit of umbra	12	16.5	W 97	24.6	N 6	42.2
Beginning of centre line; central eclipse begins	12	17.8	W 98	07.8	N 7	47.2
Beginning of northern limit of umbra	12	19.2	W 98	52.0	N 8	52.9
Central eclipse at local apparent noon	14	21.4	W 36	20.4	N 49	10.9
End of northern limit of umbra	15	43.6	E 53	45.8	N 45	43.1
End of centre line; central eclipse ends	15	45.0	E 52	38.4	N 44	40.9
End of southern limit of umbra	15	46.4	E 51	33.7	N 43	39.1
End of southern limit of penumbra	16	09.8	E 31	31.1	N 14	04.7
⊙ Eclipse ends; last contact with Earth	16	56.8	E 28	48.6	N 35	04.7