

# I. - Annular Eclipse of the Sun

1737 March 01



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$\Delta T = +12^m 0$   
Globe centred on W 49°3 and N 35°1

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	11	49.7	W 82	52.9	N 10	14.2
Beginning of southern limit of penumbra	12	42.5	W 98	34.3	S 8	31.5
Beginning of southern limit of umbra	13	09.4	W100	25.2	N26	37.4
Beginning of centre line; central eclipse begins	13	12.0	W100	45.8	N28	32.5
Beginning of northern limit of umbra	13	14.9	W101	07.9	N30	31.6
Central eclipse at local apparent noon	15	00.1	W 41	51.2	N40	40.2
End of northern limit of umbra	15	54.9	E 19	33.6	N63	11.4
End of centre line; central eclipse ends	15	57.8	E 20	02.1	N61	15.3
End of southern limit of umbra	16	00.5	E 20	23.3	N59	22.7
End of southern limit of penumbra	16	27.6	E 22	51.4	N24	36.5
⊙ Eclipse ends; last contact with Earth	17	20.3	E 6	05.3	N43	15.2