

III. - Annular Eclipse of the Sun

1766 August 05



©HM Nautical Almanac Office

$\Delta T = +16^s 0$
Globe centred on W 76°6 and N 39°7

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	15	05.3	W151	11.3	N42	37.0
Beginning of southern limit of penumbra	15	48.1	W153	17.7	N23	40.2
Beginning of southern limit of umbra	16	20.3	W178	45.2	N54	20.9
Beginning of centre line; central eclipse begins	16	22.3	E 179	30.4	N55	33.7
Beginning of northern limit of umbra	16	24.4	E 177	38.4	N56	47.1
Central eclipse at local apparent noon	17	27.4	W 80	28.5	N57	47.0
End of northern limit of umbra	19	29.3	W 16	06.8	N15	32.9
End of centre line; central eclipse ends	19	31.4	W 17	04.6	N14	10.6
End of southern limit of umbra	19	33.4	W 18	00.4	N12	49.9
End of southern limit of penumbra	20	05.3	W 35	57.9	S 19	05.7
⊙ Eclipse ends; last contact with Earth	20	48.2	W 40	36.2	N 0	17.2