

IV. - Partial Eclipse of the Sun

1711 July 15



©HM Nautical Almanac Office

$\Delta T = +10^s$
Globe centred on W 75°0 and N 70°3

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	17	16.5	E 159	57.0	N 53	24.3
Beginning of southern limit of penumbra	17	37.9	E 164	37.8	N 43	39.0
⊗ Greatest eclipse (magnitude = 0.8221)	19	22.0	E 34	48.6	N 63	55.4
End of southern limit of penumbra	21	06.2	W 38	31.9	N 16	27.0
⊙ Eclipse ends; last contact with Earth	21	27.6	W 38	48.7	N 27	18.6