

IV. - Annular Eclipse of the Sun

2074 July 24



©HM Nautical Almanac Office

$\Delta T = +110^s.7$
Globe centred on E 133°7' and N 13°2'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	0	12.3	E 87	44.3	N 2	20.4
Beginning of southern limit of umbra	1	15.8	E 72	54.9	S 0	33.1
Beginning of northern limit of umbra	1	15.9	E 72	32.6	N 0	25.0
Beginning of centre line; central eclipse begins	1	15.8	E 72	43.8	S 0	04.1
Beginning of northern limit of penumbra	1	34.7	E 55	50.9	N 30	19.0
Beginning of southern limit of penumbra	1	35.9	E 81	16.4	S 33	08.7
Central eclipse at local apparent noon	3	10.4	E 134	03.2	N 12	40.0
End of southern limit of penumbra	4	41.2	E 179	34.5	S 45	54.4
End of northern limit of penumbra	4	42.8	W 152	42.0	N 17	03.6
End of northern limit of umbra	5	01.4	W 168	28.0	S 13	01.4
End of centre line; central eclipse ends	5	01.5	W 168	39.2	S 13	29.0
End of southern limit of umbra	5	01.5	W 168	50.4	S 13	56.6
⊙ Eclipse ends; last contact with Earth	6	04.9	E 176	23.9	S 11	05.1