

### III. - Total Eclipse of the Sun

1955 June 20



$\Delta T = +31^s.2$

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Globe centred on E 116°7' and N 12°5'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	1	33.3	E 67	21.3	S 0	52.9
Beginning of southern limit of umbra	2	28.4	E 55	09.9	S 4	30.4
Beginning of centre line; central eclipse begins	2	28.4	E 54	48.2	S 3	41.5
Beginning of northern limit of umbra	2	28.5	E 54	26.1	S 2	52.8
Beginning of northern limit of penumbra	2	43.0	E 38	13.0	N 24	24.4
Beginning of southern limit of penumbra	2	46.4	E 66	00.2	S 34	28.3
Central eclipse at local apparent noon	4	11.5	E 117	25.6	N 14	42.0
End of southern limit of penumbra	5	33.8	E 163	11.7	S 42	47.2
End of northern limit of penumbra	5	37.4	W 167	04.7	N 15	38.7
End of northern limit of umbra	5	51.9	E 177	09.5	S 11	45.5
End of southern limit of umbra	5	52.0	E 176	24.2	S 13	21.9
End of centre line; central eclipse ends	5	51.9	E 176	46.7	S 12	33.6
⊙ Eclipse ends; last contact with Earth	6	47.0	E 164	15.9	S 9	45.5