

II. - Total Eclipse of the Sun

1936 June 19



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$\Delta T = +23^s.8$
Globe centred on E 102°2 and N 43°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	2	45.0	E 38	25.9	N 22	58.5
Beginning of southern limit of penumbra	3	21.9	E 37	47.9	N 4	36.7
Beginning of southern limit of umbra	3	49.3	E 16	15.2	N 33	33.2
Beginning of centre line; central eclipse begins	3	49.7	E 15	56.3	N 33	52.0
Beginning of northern limit of umbra	3	50.2	E 15	37.2	N 34	10.8
Central eclipse at local apparent noon	5	15.4	E 101	24.8	N 56	24.9
End of northern limit of umbra	6	50.2	E 179	53.1	N 25	54.7
End of centre line; central eclipse ends	6	50.6	E 179	37.0	N 25	36.7
End of southern limit of umbra	6	51.0	E 179	21.0	N 25	18.7
End of southern limit of penumbra	7	18.4	E 158	57.6	S 3	56.7
⊙ Eclipse ends; last contact with Earth	7	55.3	E 157	53.3	N 14	31.9