

I. - Total Eclipse of the Sun

2052 March 30



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$\Delta T = +95^s.2$
Globe centred on W 101^o.4 and N 19^o.0

Circumstances	Time (UT)	Longitude	Latitude
	h m	o /	o /
⊕ Eclipse begins; first contact with Earth	15 53.2	W146 51.4	S 5 16.5
Beginning of southern limit of penumbra	16 46.4	W158 06.9	S 29 51.7
Beginning of southern limit of umbra	16 51.2	W161 49.2	N 1 01.2
Beginning of centre line; central eclipse begins	16 51.5	W161 55.9	N 1 30.0
Beginning of northern limit of umbra	16 51.8	W162 02.7	N 1 58.8
Beginning of northern limit of penumbra	17 38.5	W177 28.0	N 42 21.5
Central eclipse at local apparent noon	18 40.9	W 99 10.7	N 24 15.0
End of northern limit of penumbra	19 21.6	W 1 03.5	N 76 38.2
End of northern limit of umbra	20 08.6	W 27 54.4	N 36 51.5
End of centre line; central eclipse ends	20 09.0	W 28 02.8	N 36 21.9
End of southern limit of umbra	20 09.3	W 28 10.9	N 35 52.3
End of southern limit of penumbra	20 14.3	W 32 09.7	N 5 02.6
⊙ Eclipse ends; last contact with Earth	21 07.2	W 43 19.8	N 29 36.8