

IV. - Total Eclipse of the Sun

1966 November 12



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$\Delta T = +37^s.3$
Globe centred on W 44°4 and S 29°0

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	11 42.9	W 86 54.0	N 8 39.1
Beginning of northern limit of penumbra	12 31.0	W 90 19.9	N 31 47.8
Beginning of northern limit of umbra	12 42.6	W 103 56.0	N 2 07.7
Beginning of centre line; central eclipse begins	12 42.7	W 104 00.1	N 1 59.9
Beginning of southern limit of umbra	12 42.8	W 104 04.3	N 1 52.2
Beginning of southern limit of penumbra	13 34.9	W 131 52.4	S 37 35.3
Central eclipse at local apparent noon	14 36.5	W 43 05.1	S 38 39.0
End of southern limit of penumbra	15 10.3	E 105 09.7	S 70 51.2
End of southern limit of umbra	16 02.7	E 40 06.8	S 38 35.3
End of centre line; central eclipse ends	16 02.8	E 40 01.9	S 38 29.0
End of northern limit of umbra	16 02.9	E 39 57.1	S 38 22.7
End of northern limit of penumbra	16 14.8	E 25 11.4	S 8 51.9
⊙ Eclipse ends; last contact with Earth	17 02.8	E 21 51.3	S 32 00.4