

IV. - Total Eclipse of the Sun

1948 November 01



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ΔT = +28:6
Globe centred on E 80°0 and S 27°0

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	3 19.0	E 39 00.9	N 10 56.7
Beginning of northern limit of penumbra	4 07.8	E 34 00.6	N 34 10.9
Beginning of northern limit of umbra	4 19.2	E 22 06.3	N 3 50.0
Beginning of centre line; central eclipse begins	4 19.3	E 22 02.6	N 3 42.1
Beginning of southern limit of umbra	4 19.4	E 21 58.9	N 3 34.2
Beginning of southern limit of penumbra	5 14.4	W 4 17.0	S 38 02.7
Central eclipse at local apparent noon	6 15.8	E 81 58.3	S 37 21.0
End of southern limit of penumbra	6 42.7	W 111 25.5	S 75 29.0
End of southern limit of umbra	7 38.1	E 165 31.1	S 43 28.9
End of centre line; central eclipse ends	7 38.2	E 165 26.4	S 43 22.5
End of northern limit of umbra	7 38.3	E 165 21.8	S 43 16.0
End of northern limit of penumbra	7 50.0	E 151 50.0	S 13 06.4
⊙ Eclipse ends; last contact with Earth	8 38.6	E 147 09.7	S 36 18.4