

III. - Total Eclipse of the Sun

1567 October 02



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$\Delta T = +179^{\text{s}}.2$
Globe centred on W 31°4 and S 33°2

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	10 43.6	W 74 45.5	S 4 23.5
Beginning of northern limit of penumbra	11 27.1	W 83 01.1	N15 54.3
Beginning of northern limit of umbra	11 48.7	W 92 42.1	S 17 00.2
Beginning of centre line; central eclipse begins	11 48.8	W 92 45.4	S 17 08.0
Beginning of southern limit of umbra	11 49.0	W 92 48.7	S 17 15.9
Central eclipse at local apparent noon	13 35.4	W 27 10.4	S 43 11.3
End of southern limit of umbra	14 45.7	E 54 09.6	S 50 31.7
End of centre line; central eclipse ends	14 45.8	E 54 05.7	S 50 25.4
End of northern limit of umbra	14 45.9	E 54 01.9	S 50 19.0
End of northern limit of penumbra	15 07.8	E 42 02.3	S 17 34.4
⊙ Eclipse ends; last contact with Earth	15 51.2	E 34 33.4	S 37 47.8