

II. - Total Eclipse of the Sun

2006 March 29



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$\Delta T = +64^s.9$
Globe centred on E 19°8' and N 18°5'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	7 36.8	W 22 06.8	S 14 27.7
Beginning of southern limit of penumbra	8 27.2	W 32 58.5	S 37 45.6
Beginning of southern limit of umbra	8 35.0	W 37 07.7	S 6 53.5
Beginning of centre line; central eclipse begins	8 35.4	W 37 16.2	S 6 18.3
Beginning of northern limit of umbra	8 35.9	W 37 24.9	S 5 42.9
Beginning of northern limit of penumbra	9 31.7	W 54 25.5	N 38 31.3
Central eclipse at local apparent noon	10 33.3	E 22 53.2	N 29 37.2
End of northern limit of penumbra	10 50.2	W 99 20.4	N 82 45.6
End of northern limit of umbra	11 46.5	E 98 59.7	N 52 08.1
End of centre line; central eclipse ends	11 46.9	E 98 47.8	N 51 33.7
End of southern limit of umbra	11 47.3	E 98 36.3	N 50 59.4
End of southern limit of penumbra	11 55.5	E 93 35.3	N 20 09.7
⊙ Eclipse ends; last contact with Earth	12 45.7	E 83 02.6	N 43 26.3