

## II. - Total Eclipse of the Sun

1806 June 16



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$\Delta T = +12:5$   
Globe centred on W 65°3 and N 34°6

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	13 47.1	W123 00.1	N 14 09.9
Beginning of southern limit of penumbra	14 31.5	W124 25.9	S 7 51.8
Beginning of southern limit of umbra	14 44.5	W139 58.0	N19 38.1
Beginning of centre line; central eclipse begins	14 45.1	W140 25.0	N20 15.1
Beginning of northern limit of umbra	14 45.7	W140 52.5	N20 52.1
Beginning of northern limit of penumbra	15 34.6	E 179 18.9	N54 22.5
Central eclipse at local apparent noon	16 22.2	W 65 31.9	N42 17.6
End of northern limit of penumbra	17 13.9	E 41 33.1	N49 10.6
End of northern limit of umbra	18 02.7	E 5 51.3	N14 42.6
End of centre line; central eclipse ends	18 03.3	E 5 24.4	N14 04.3
End of southern limit of umbra	18 03.9	E 4 57.9	N13 26.2
End of southern limit of penumbra	18 16.9	W 10 24.3	S 14 03.7
⊙ Eclipse ends; last contact with Earth	19 01.3	W 11 50.1	N 7 57.3