

IV. - Annular-Total Eclipse of the Sun

1807 November 29



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$\Delta T = +12^s.5$
Globe centred on E $4^{\circ}.1$ and N $14^{\circ}.8$

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	9	07.5	W 40	16.2	N 22	53.8
Beginning of southern limit of penumbra	10	05.0	W 62	38.8	N 3	52.5
Beginning of centre line; central eclipse begins	10	12.2	W 50	38.5	N 34	00.6
Beginning of southern limit of umbra	10	12.2	W 50	38.4	N 34	00.9
Beginning of northern limit of umbra	10	12.2	W 50	38.6	N 34	00.3
Central eclipse at local apparent noon	11	37.7	E 2	39.1	N 11	18.0
End of centre line; central eclipse ends	13	11.7	E 57	56.4	N 26	23.7
End of southern limit of umbra	13	11.7	E 57	56.6	N 26	22.9
End of northern limit of umbra	13	11.7	E 57	56.1	N 26	24.6
End of southern limit of penumbra	13	18.9	E 68	56.0	S 3	58.5
○ Eclipse ends; last contact with Earth	14	16.5	E 46	52.7	N 15	07.9