

# V. - Annular Eclipse of the Sun

1741 December 08



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$\Delta T = +12^{\text{s}}0$   
Globe centred on E 94°2' and S 21°3'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	2	36.5	E 53	31.3	N 10	44.3
Beginning of northern limit of umbra	3	41.7	E 37	40.6	N 11	46.0
Beginning of centre line; central eclipse begins	3	42.2	E 37	05.2	N 10	40.5
Beginning of southern limit of umbra	3	42.6	E 36	29.4	N 9	34.9
Beginning of northern limit of penumbra	3	50.0	E 52	11.0	N 41	14.7
Beginning of southern limit of penumbra	4	11.7	E 15	55.4	S 20	57.5
Central eclipse at local apparent noon	5	37.8	E 93	38.3	S 23	02.9
End of southern limit of penumbra	7	03.7	W 175	52.7	S 41	40.5
End of northern limit of penumbra	7	25.8	E 147	39.2	N 20	26.7
End of southern limit of umbra	7	32.9	E 159	58.5	S 11	56.5
End of centre line; central eclipse ends	7	33.4	E 159	22.9	S 10	52.2
End of northern limit of umbra	7	33.8	E 158	48.2	S 9	47.8
⊙ Eclipse ends; last contact with Earth	8	38.9	E 142	58.1	S 10	48.3