

## II. - Annular Eclipse of the Sun

1792 March 22



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$\Delta T = +16^s$   
Globe centred on W 89°4' and N 5°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	15	05.2	W134	19.0	S 15	33.4
Beginning of southern limit of umbra	16	06.6	W149	40.3	S 14	40.7
Beginning of northern limit of umbra	16	06.7	W149	42.8	S 13	53.7
Beginning of centre line; central eclipse begins	16	06.6	W149	41.5	S 14	17.2
Beginning of southern limit of penumbra	16	20.4	W152	12.7	S 47	24.8
Beginning of northern limit of penumbra	16	30.2	W156	17.0	N 20	21.2
Central eclipse at local apparent noon	17	59.5	W 88	11.5	N 4	52.4
End of northern limit of penumbra	19	24.0	W 17	37.8	N 55	58.5
End of southern limit of penumbra	19	34.5	W 22	11.7	S 11	48.4
End of northern limit of umbra	19	47.9	W 24	50.2	N 21	49.0
End of southern limit of umbra	19	48.0	W 24	53.1	N 20	59.1
End of centre line; central eclipse ends	19	47.9	W 24	51.6	N 21	24.0
⊙ Eclipse ends; last contact with Earth	20	49.4	W 40	15.9	N 20	07.8