

II. - Annular Eclipse of the Sun

1579 February 25



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$\Delta T = +165^s.1$
Globe centred on W 56°0 and N 4°7

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	12	38.3	W 98	39.7	S 20	25.9
Beginning of southern limit of umbra	13	41.9	W114	09.8	S 16	28.0
Beginning of centre line; central eclipse begins	13	42.2	W114	09.1	S 15	46.7
Beginning of northern limit of umbra	13	42.4	W114	08.5	S 15	05.3
Beginning of southern limit of penumbra	13	48.6	W120	16.8	S 48	08.3
Beginning of northern limit of penumbra	14	19.7	W119	44.7	N 22	46.3
Central eclipse at local apparent noon	15	45.7	W 53	31.4	N 9	25.2
End of northern limit of penumbra	16	43.7	W 6	34.2	N 78	56.5
End of southern limit of penumbra	17	15.7	E 13	07.9	N 9	04.1
End of northern limit of umbra	17	21.5	E 7	41.0	N 42	12.9
End of centre line; central eclipse ends	17	21.7	E 7	44.3	N 41	30.3
End of southern limit of umbra	17	22.0	E 7	47.5	N 40	47.8
⊙ Eclipse ends; last contact with Earth	18	25.8	W 7	32.6	N 36	52.0