

II. - Annular Eclipse of the Sun

1561 February 14



$\Delta T = +187^s.8$

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Globe centred on E 62°5' and N 3°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	4	42.1	E 19	51.5	S 17	54.0
Beginning of southern limit of umbra	5	46.4	E 4	34.4	S 13	28.1
Beginning of centre line; central eclipse begins	5	46.7	E 4	38.9	S 12	41.3
Beginning of northern limit of umbra	5	47.0	E 4	43.0	S 11	54.2
Beginning of southern limit of penumbra	5	53.5	W 4	26.1	S 44	38.5
Beginning of northern limit of penumbra	6	26.6	E 1	39.9	N 26	34.0
Central eclipse at local apparent noon	7	50.8	E 65	46.5	N 6	54.9
End of northern limit of penumbra	8	45.2	E 93	32.4	N 77	25.8
End of southern limit of penumbra	9	19.2	E 132	06.8	N 9	18.4
End of northern limit of umbra	9	25.3	E 123	27.7	N 42	08.4
End of centre line; central eclipse ends	9	25.5	E 123	37.8	N 41	20.6
End of southern limit of umbra	9	25.8	E 123	47.8	N 40	32.9
⊙ Eclipse ends; last contact with Earth	10	30.3	E 108	53.0	N 36	10.7