

## II. - Annular-Total Eclipse of the Sun

1930 April 28



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$\Delta T = +24^{\text{s}}0$   
Globe centred on W 115°7' and N 32°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	16	20.0	W153	57.4	S 6	40.9
Beginning of southern limit of penumbra	17	05.8	W159	24.8	S 28	01.2
Beginning of southern limit of umbra	17	25.5	W172	50.8	N 3	17.8
Beginning of centre line; central eclipse begins	17	25.8	W172	58.7	N 3	32.7
Beginning of northern limit of umbra	17	26.1	W173	06.6	N 3	47.7
Central eclipse at local apparent noon	19	27.0	W112	23.8	N45	41.6
End of northern limit of umbra	20	40.0	W 22	32.4	N50	59.4
End of centre line; central eclipse ends	20	40.2	W 22	44.6	N50	46.7
End of southern limit of umbra	20	40.5	W 22	56.7	N50	34.0
End of southern limit of penumbra	21	00.5	W 40	33.9	N19	50.3
⊙ Eclipse ends; last contact with Earth	21	46.0	W 44	31.5	N40	56.4