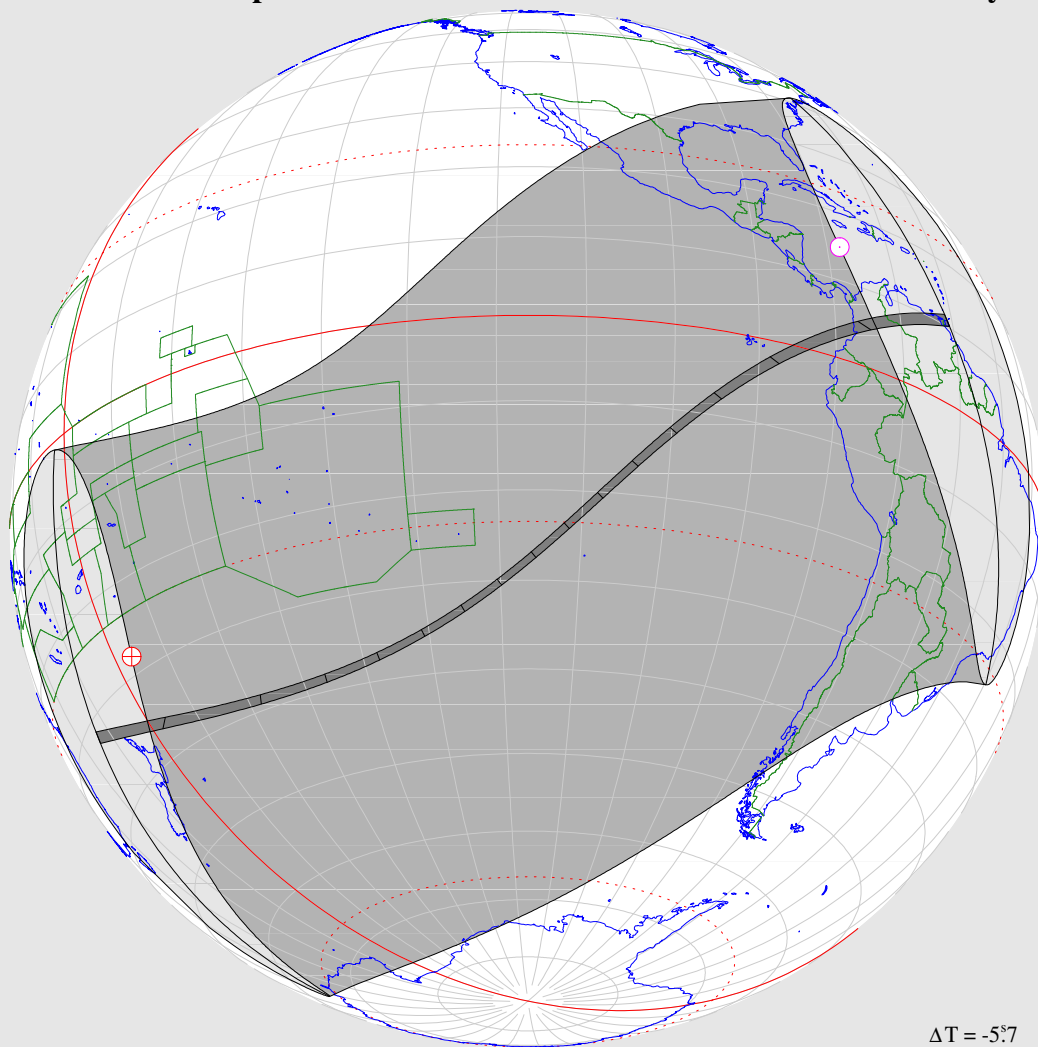


II. - Annular Eclipse of the Sun

1897 February 01



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$\Delta T = -5^m 7^s$
Globe centred on W 116°5' and S 24°3'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	17	22.9	W176	32.0	S 28	02.0
Beginning of northern limit of penumbra	18	22.6	E 177	31.8	S 0	59.7
Beginning of northern limit of umbra	18	25.5	E 166	33.0	S 31	10.3
Beginning of centre line; central eclipse begins	18	25.9	E 166	11.0	S 31	47.6
Beginning of southern limit of umbra	18	26.3	E 165	48.6	S 32	24.9
Beginning of southern limit of penumbra	19	06.7	E 126	58.8	S 64	41.0
Central eclipse at local apparent noon	20	06.6	W118	10.6	S 28	53.1
End of southern limit of penumbra	21	24.3	W 39	29.9	S 24	59.3
End of southern limit of umbra	22	04.5	W 60	45.9	N 10	14.5
End of centre line; central eclipse ends	22	04.9	W 61	04.8	N 10	53.9
End of northern limit of umbra	22	05.3	W 61	23.5	N 11	33.2
End of northern limit of penumbra	22	07.8	W 73	58.1	N 41	27.5
⊙ Eclipse ends; last contact with Earth	23	07.9	W 78	03.5	N 14	42.8