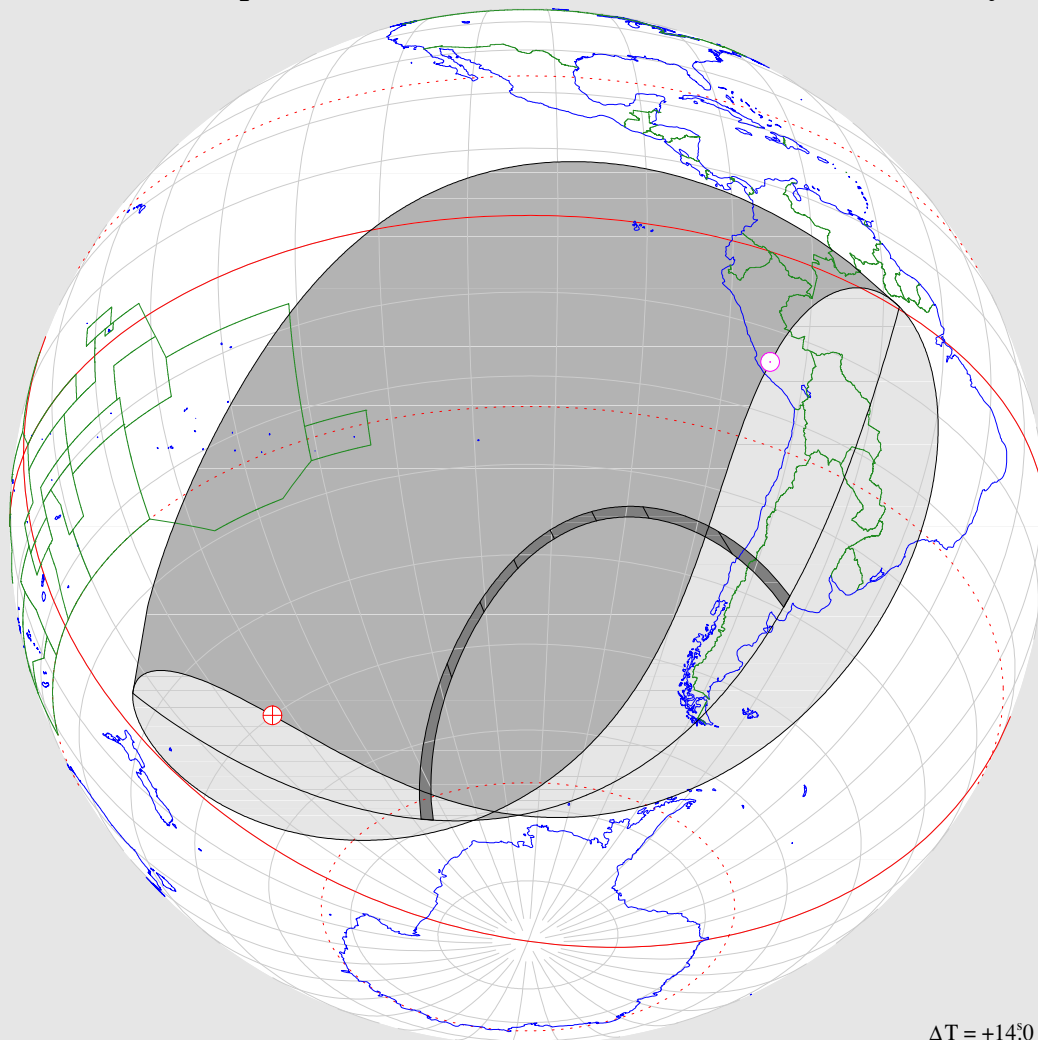


# I. - Annular Eclipse of the Sun

1798 May 15



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$\Delta T = +14^{\text{s}}0$   
Globe centred on W 103°3' and S 36°9'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	17	46.4	W153	19.3	S 49	57.7
Beginning of northern limit of penumbra	18	34.0	W174	42.8	S 36	27.2
Beginning of northern limit of umbra	19	15.2	W137	47.2	S 68	37.6
Beginning of centre line; central eclipse begins	19	16.5	W136	07.9	S 68	58.0
Beginning of southern limit of umbra	19	17.8	W134	22.7	S 69	17.4
Central eclipse at local apparent noon	19	35.3	W114	49.5	S 49	34.0
End of southern limit of umbra	21	03.2	W 63	27.4	S 39	40.0
End of centre line; central eclipse ends	21	04.4	W 63	21.0	S 38	57.1
End of northern limit of umbra	21	05.7	W 63	15.0	S 38	15.2
End of northern limit of penumbra	21	46.7	W 57	31.7	N 0	23.5
⊙ Eclipse ends; last contact with Earth	22	34.3	W 74	31.4	S 13	57.5