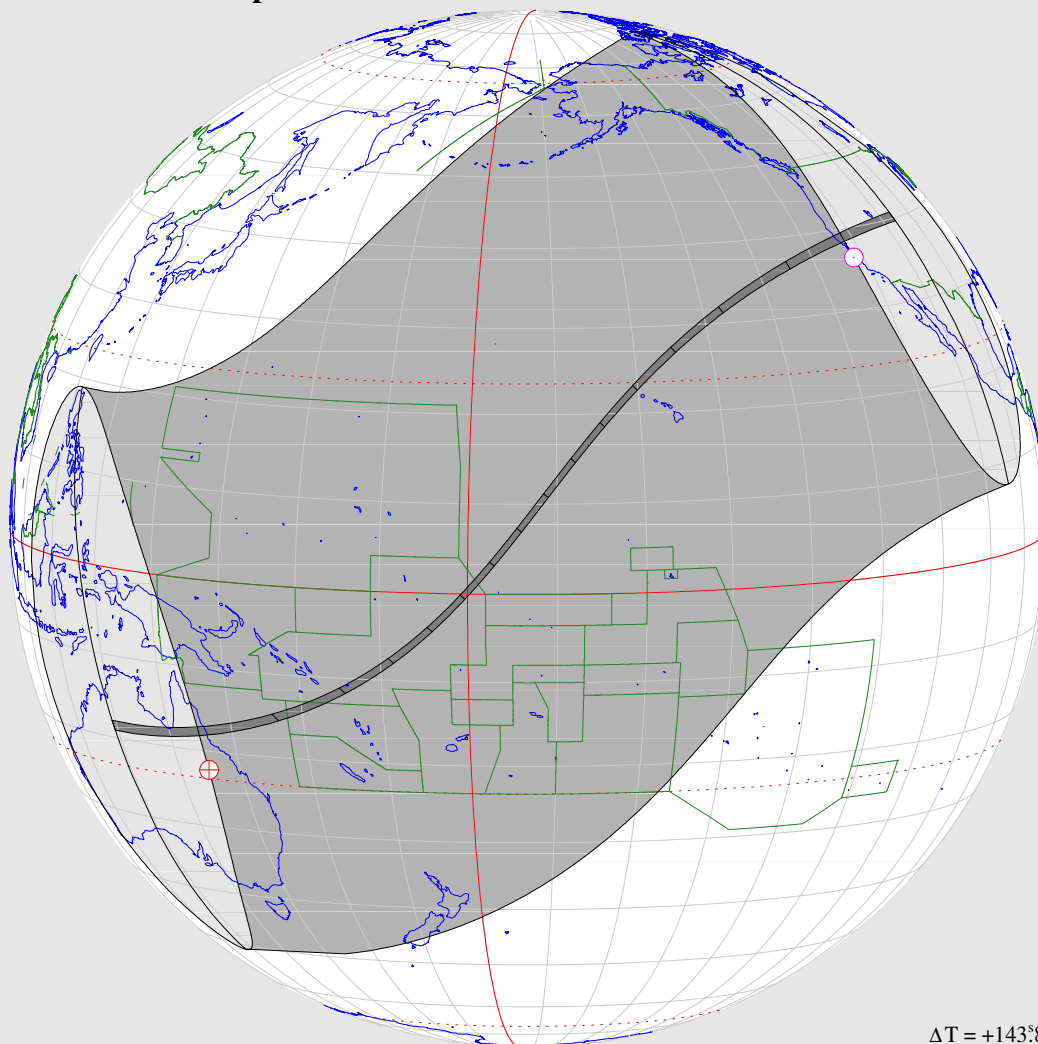


II. - Annular Eclipse of the Sun

1597 March 17-18



$\Delta T = +143^s.8$

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Globe centred on W 173°3 and N 7°3

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	20	26.8	E 144	59.0	S 22	23.3
Beginning of southern limit of umbra	21	29.8	E 129	19.0	S 19	03.7
Beginning of centre line; central eclipse begins	21	30.0	E 129	16.7	S 18	28.5
Beginning of northern limit of umbra	21	30.2	E 129	14.4	S 17	53.2
Beginning of southern limit of penumbra	21	36.6	E 126	39.5	S 51	02.8
Beginning of northern limit of penumbra	22	04.8	E 121	18.3	N 19	02.8
Central eclipse at local apparent noon	23	32.0	W 170	52.3	N 11	26.8
End of northern limit of penumbra	0	35.0	W 101	19.7	N 77	33.4
End of southern limit of penumbra	1	04.2	W 104	04.2	N 7	34.6
End of northern limit of umbra	1	10.1	W 106	17.8	N 40	49.2
End of centre line; central eclipse ends	1	10.4	W 106	20.0	N 40	12.5
End of southern limit of umbra	1	10.6	W 106	22.1	N 39	35.9
⊙ Eclipse ends; last contact with Earth	2	13.6	W 122	02.3	N 36	17.9