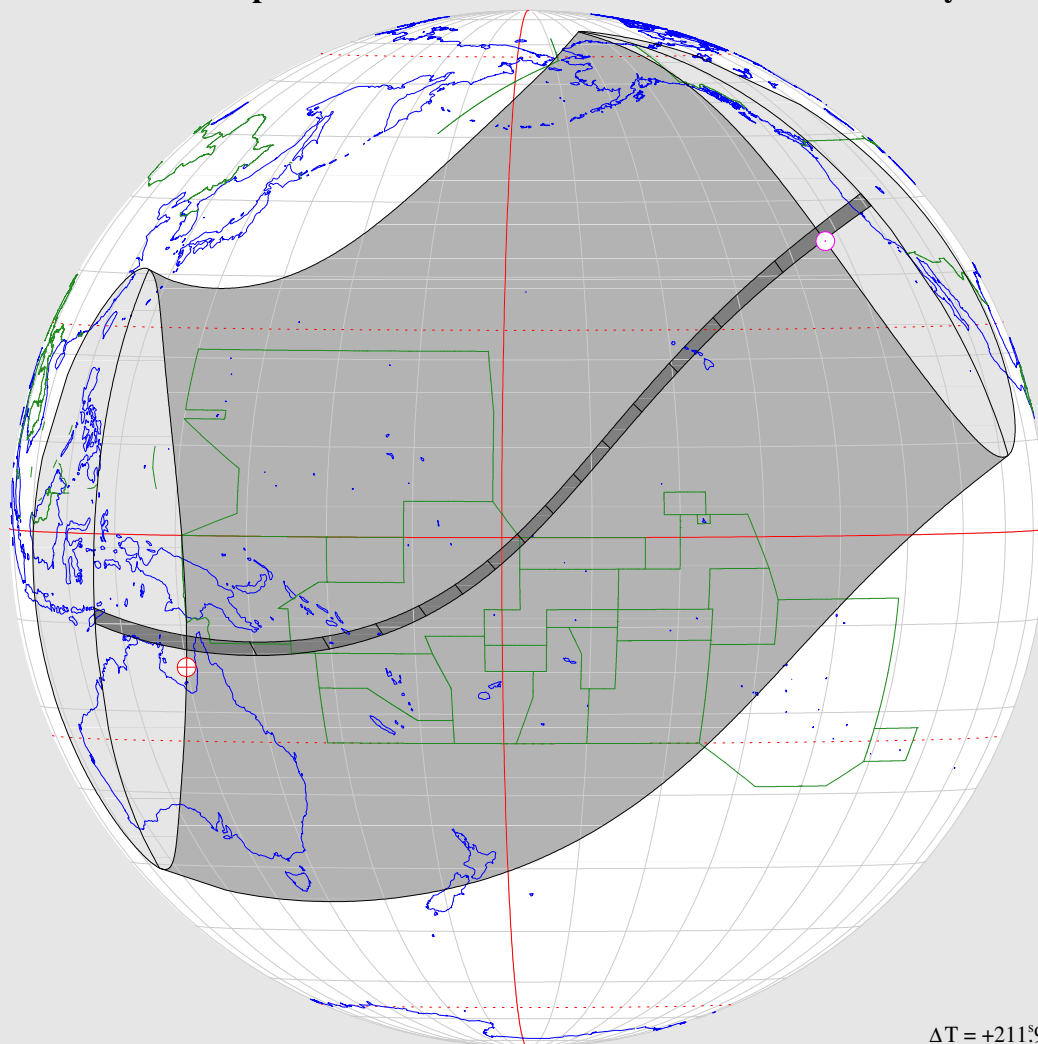


## II. - Annular Eclipse of the Sun

1543 February 03-04



$\Delta T = +211^s.9$

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Globe centred on W 177°1 and N 1°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	20	40.8	E 139	58.1	S 14	46.7
Beginning of southern limit of umbra	21	45.8	E 124	54.7	S 10	00.0
Beginning of centre line; central eclipse begins	21	46.1	E 125	03.3	S 9	08.3
Beginning of northern limit of umbra	21	46.4	E 125	11.6	S 8	16.3
Beginning of southern limit of penumbra	21	53.3	E 113	39.7	S 40	34.4
Beginning of northern limit of penumbra	22	28.1	E 124	49.3	N 30	31.7
Central eclipse at local apparent noon	23	49.9	W 173	42.4	N 4	13.8
End of northern limit of penumbra	0	41.8	W 155	33.9	N 74	28.2
End of southern limit of penumbra	1	17.5	W 107	38.1	N 8	28.6
End of northern limit of umbra	1	24.0	W 119	05.7	N 40	49.8
End of centre line; central eclipse ends	1	24.4	W 118	48.5	N 39	57.7
End of southern limit of umbra	1	24.6	W 118	31.7	N 39	05.7
⊙ Eclipse ends; last contact with Earth	2	29.8	W 133	02.7	N 34	24.7