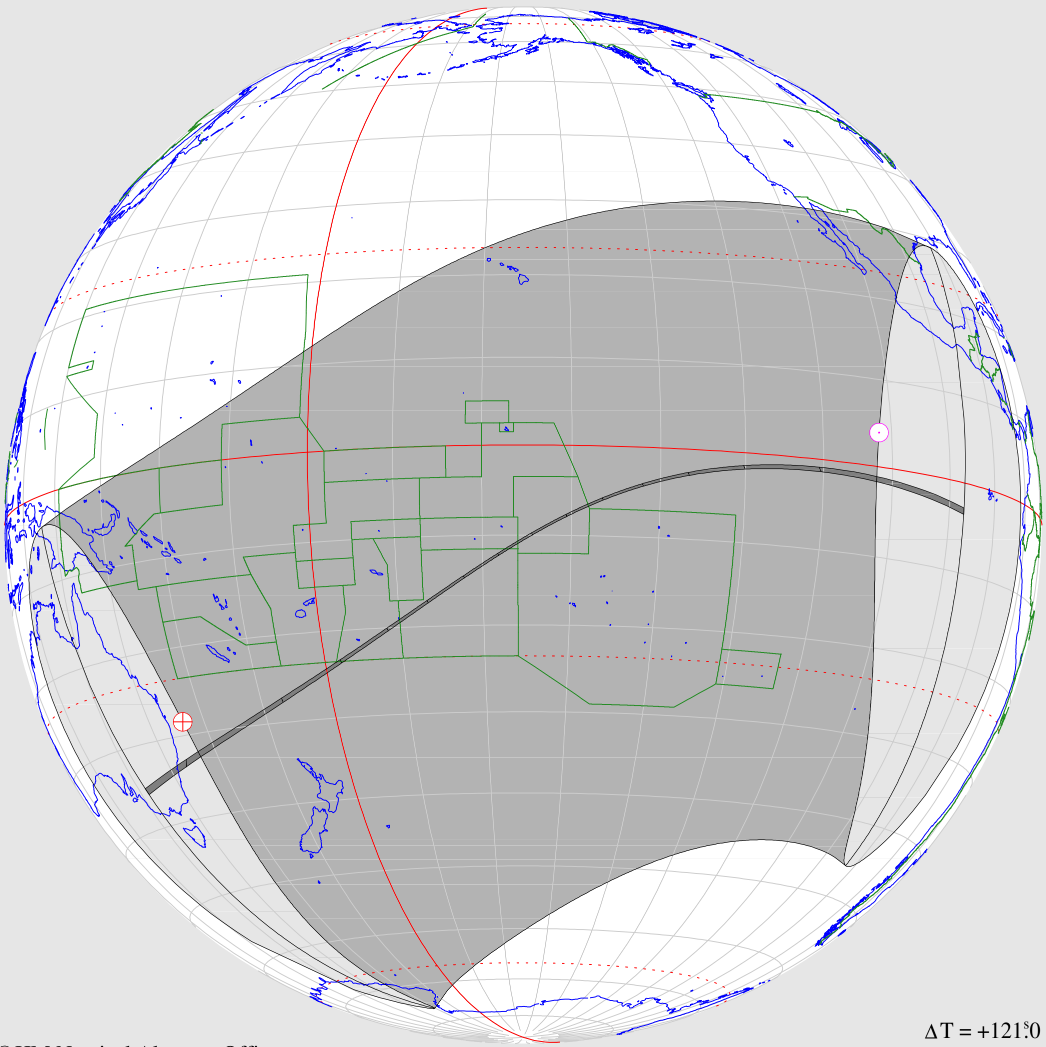
II. - Annular Eclipse of the Sun

2089 April 10-11



Circumstances	Time (UT)	Longitude	Latitude
	h m	° ′	° ′
⊕ Eclipse begins; first contact with Earth	19 54.2	E 156 18.7	S 28 24.7
Beginning of northern limit of umbra	20 57.8	E 141 46.8	S 34 59.3
Beginning of centre line; central eclipse begins	20 58.0	E 141 48.9	S 35 22.8
Beginning of southern limit of umbra	20 58.2	E 141 51.1	S 35 46.4
Beginning of northern limit of penumbra	20 58.4	E 136 11.1	S 3 31.6
Beginning of southern limit of penumbra	21 49.4	E 159 40.8	S 76 01.2
Central eclipse at local apparent noon	22 31.9	W157 43.9	S 11 49.0
End of southern limit of penumbra	23 36.4	W 92 38.8	S 45 38.5
End of northern limit of penumbra	0 26.8	W 91 45.0	N 28 43.3
End of southern limit of umbra	0 27.2	W 97 05.4	S 3 30.7
End of centre line; central eclipse ends	0 27.4	W 97 04.9	S 3 08.5
End of northern limit of umbra	0 27.6	W 97 04.5	S 2 46.3
⊙ Eclipse ends; last contact with Earth	1 31.1	W111 56.9	N 3 51.8