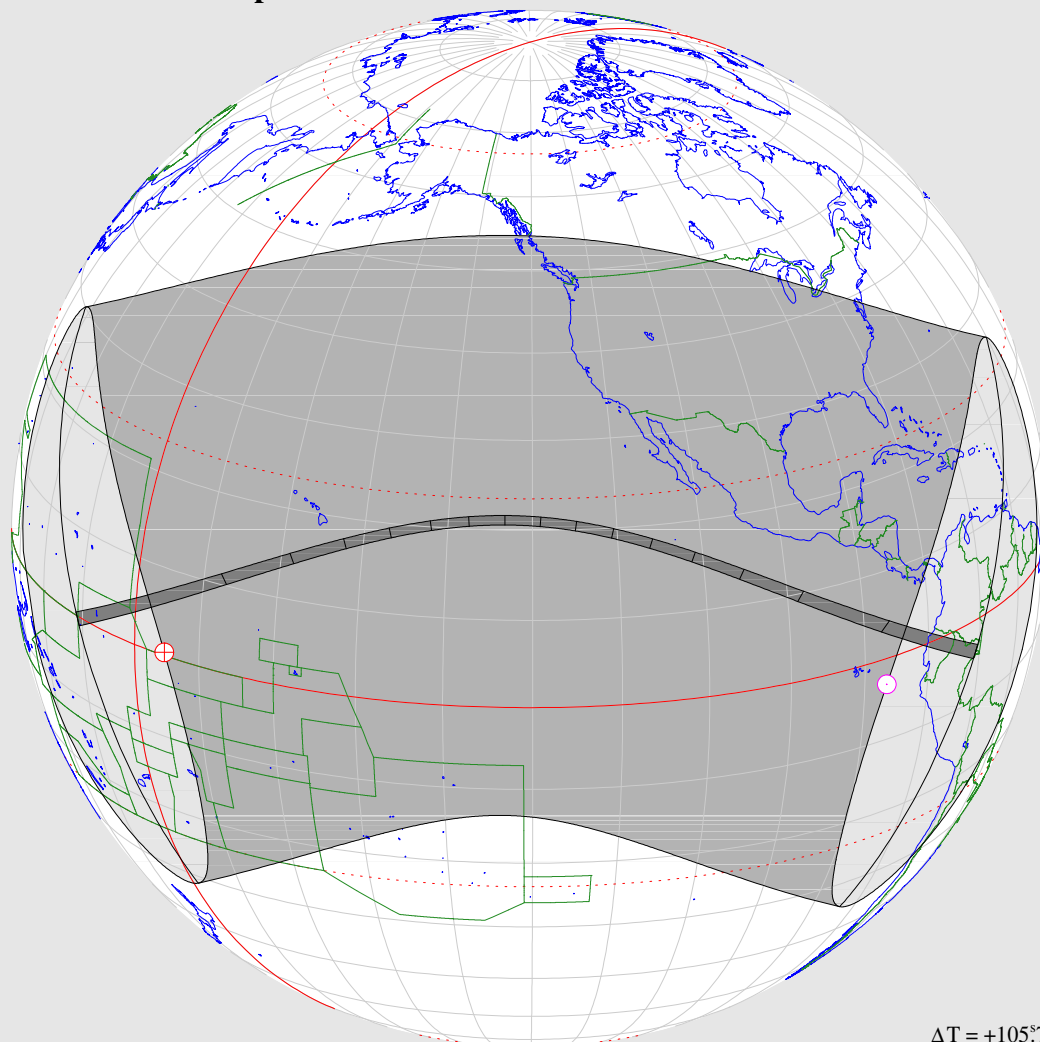


II. - Annular Eclipse of the Sun

2067 June 11



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$\Delta T = +105^s.7$
Globe centred on W 130°3 and N 20°2

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	17	39.9	W175	10.2	N 0	22.0
Beginning of southern limit of umbra	18	44.6	E 169	16.1	S 1	03.2
Beginning of centre line; central eclipse begins	18	44.8	E 168	54.5	S 0	21.2
Beginning of northern limit of umbra	18	45.1	E 168	32.8	N 0	20.8
Beginning of southern limit of penumbra	18	55.4	W178	48.2	S 31	21.8
Beginning of northern limit of penumbra	19	11.2	E 147	51.0	N 30	03.8
Central eclipse at local apparent noon	20	40.8	W130	13.9	N 21	02.1
End of northern limit of penumbra	22	10.1	W 50	08.3	N 26	43.2
End of southern limit of penumbra	22	25.9	W 83	41.9	S 34	41.4
End of northern limit of umbra	22	36.2	W 70	24.5	S 3	05.5
End of centre line; central eclipse ends	22	36.5	W 70	46.8	S 3	48.5
End of southern limit of umbra	22	36.7	W 71	09.0	S 4	31.5
⊙ Eclipse ends; last contact with Earth	23	41.5	W 86	43.2	S 3	05.3