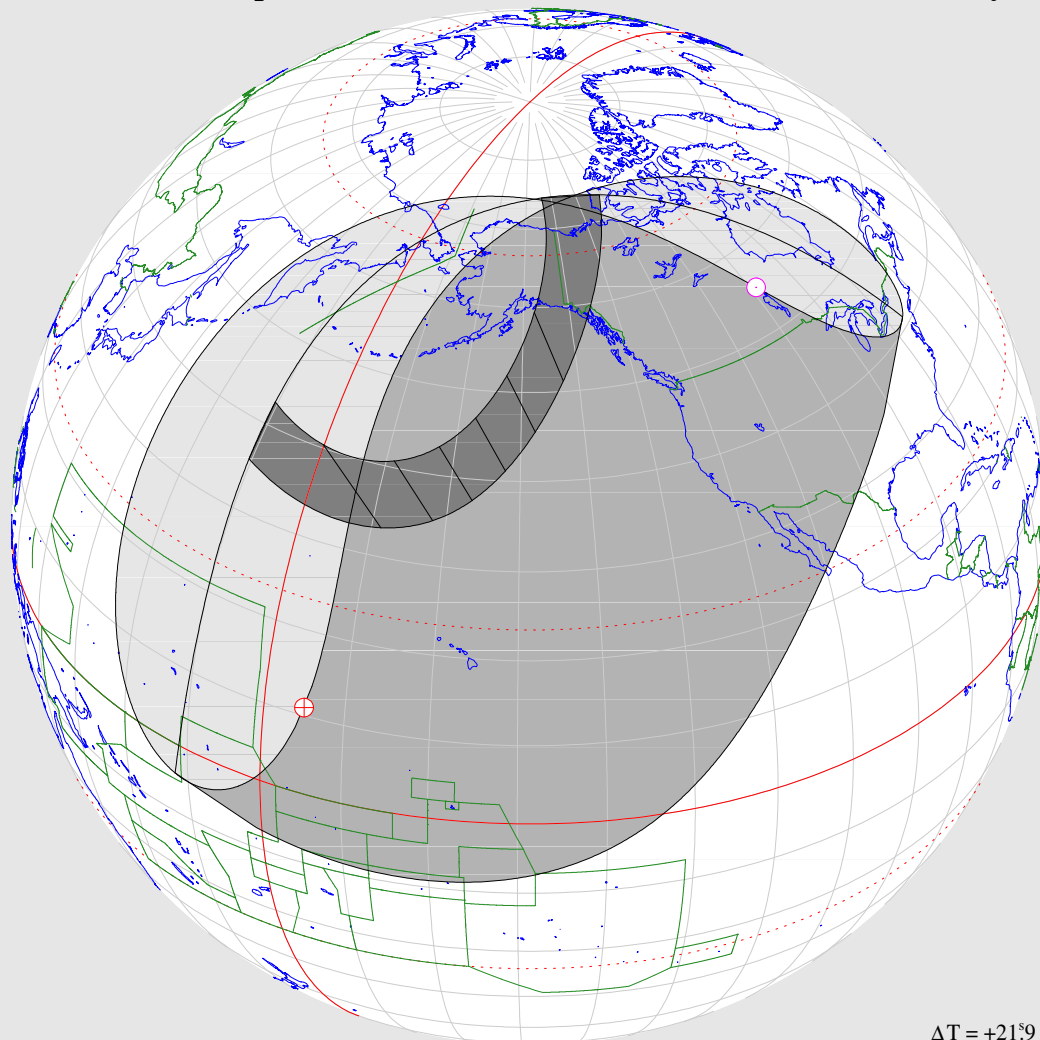


II. - Annular Eclipse of the Sun

1674 February 05



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$\Delta T = +21^s 9$
Globe centred on W 148°6 and N 35°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	18	07.0	W174	57.3	N10	57.1
Beginning of southern limit of penumbra	18	57.9	E168	03.8	S 4	08.6
Beginning of southern limit of umbra	19	43.0	E169	32.8	N35	40.7
Beginning of centre line; central eclipse begins	19	49.0	E169	29.5	N38	55.7
Beginning of northern limit of umbra	19	56.4	E169	31.4	N42	37.5
End of northern limit of umbra	21	25.5	W143	55.7	N74	18.1
Central eclipse at local apparent noon	21	27.7	W138	14.0	N63	31.5
End of centre line; central eclipse ends	21	32.8	W131	10.9	N74	14.0
End of southern limit of umbra	21	39.0	W120	41.4	N73	24.5
End of southern limit of penumbra	22	24.3	W 76	24.9	N40	57.7
⊙ Eclipse ends; last contact with Earth	23	15.1	W 98	44.3	N55	12.0