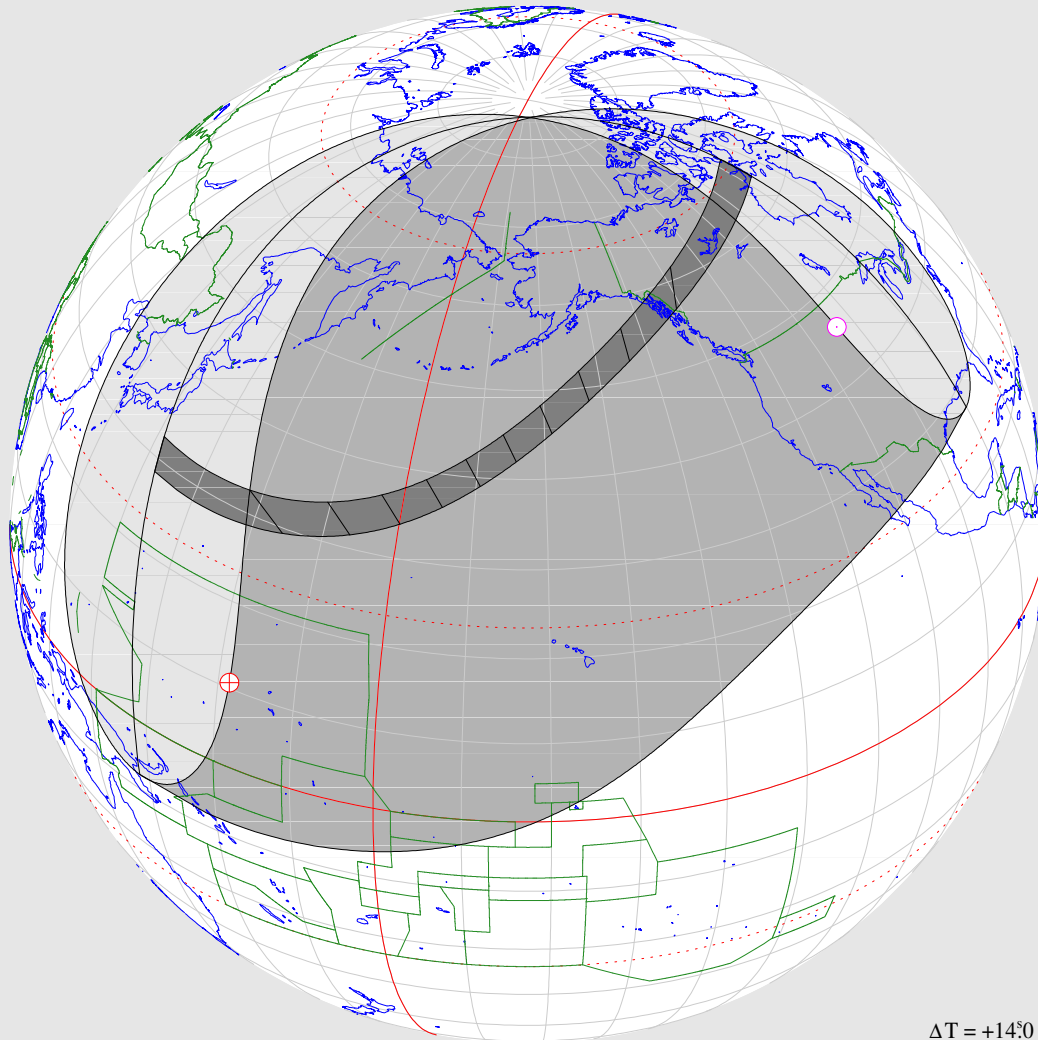


I. - Annular Eclipse of the Sun

1755 March 12-13



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$\Delta T = +14^{\text{s}}0$
Globe centred on W 162°6 and N 35°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	19	26.4	E 161	31.0	N 10	40.7
Beginning of southern limit of penumbra	20	15.0	E 148	19.1	S 7	41.2
Beginning of southern limit of umbra	20	47.5	E 142	20.8	N 28	31.3
Beginning of centre line; central eclipse begins	20	50.3	E 141	46.7	N 30	26.5
Beginning of northern limit of umbra	20	53.4	E 141	10.3	N 32	26.1
Central eclipse at local apparent noon	22	36.9	W 156	44.6	N 48	11.8
End of northern limit of umbra	23	24.8	W 86	20.4	N 67	30.6
End of centre line; central eclipse ends	23	27.9	W 86	24.8	N 65	31.6
End of southern limit of umbra	23	30.7	W 86	33.2	N 63	36.8
End of southern limit of penumbra	0	03.5	W 90	02.7	N 27	34.9
⊙ Eclipse ends; last contact with Earth	0	52.0	W 103	45.4	N 45	52.7