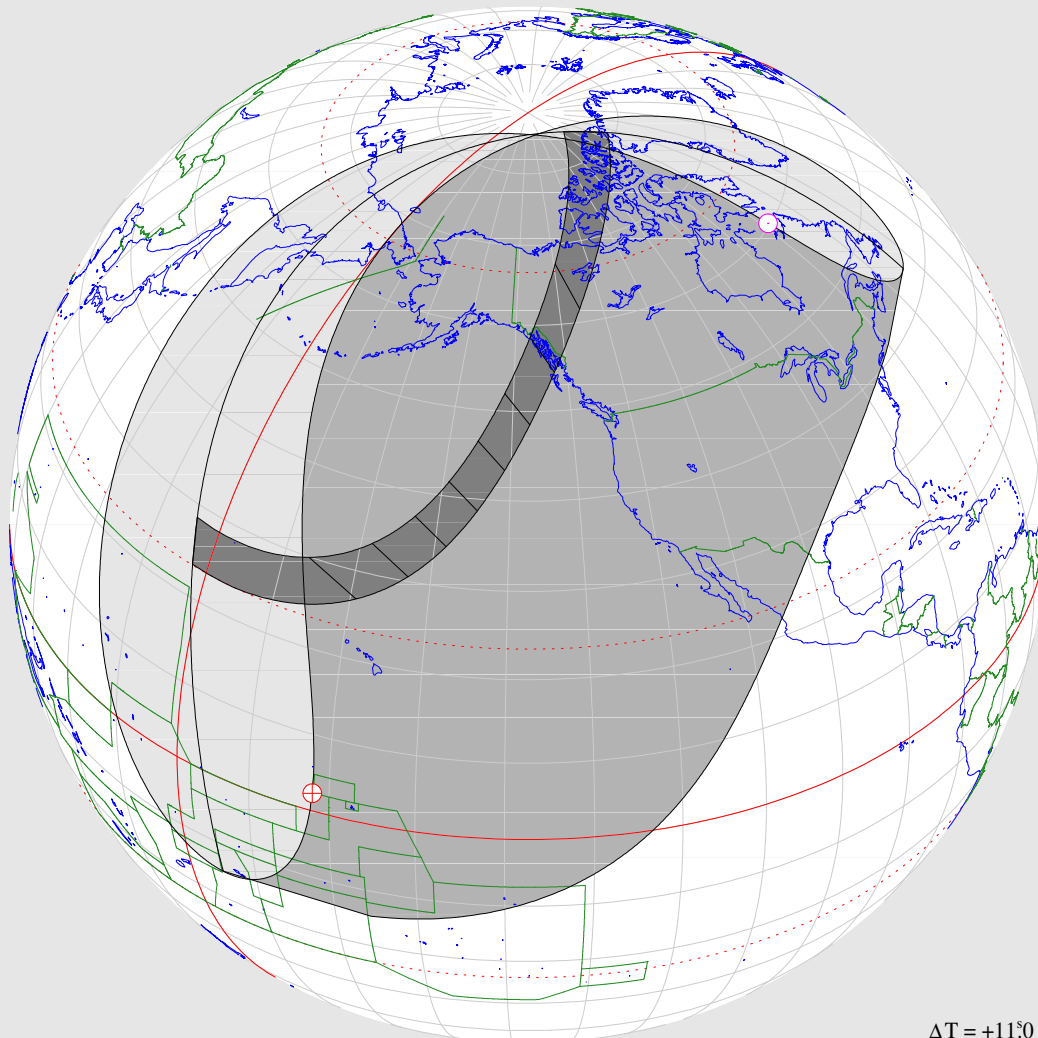


## II. - Annular Eclipse of the Sun

1728 March 10



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$\Delta T = +11^{\text{h}}30^{\text{m}}$   
Globe centred on W 137°4 and N 37°4

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	16	59.2	W162	01.0	N 2	25.5
Beginning of southern limit of penumbra	17	45.7	W174	48.6	S 14	44.5
Beginning of southern limit of umbra	18	26.3	E 177	41.1	N23	35.2
Beginning of centre line; central eclipse begins	18	30.3	E 176	52.6	N26	01.5
Beginning of northern limit of umbra	18	34.8	E 175	59.5	N28	37.3
Central eclipse at local apparent noon	20	32.4	W125	29.5	N65	47.4
End of northern limit of umbra	20	42.1	W 85	53.0	N84	56.7
End of centre line; central eclipse ends	20	46.5	W 71	04.3	N82	56.6
End of southern limit of umbra	20	50.6	W 63	55.8	N80	47.4
End of southern limit of penumbra	21	31.6	W 53	50.2	N43	14.2
⊙ Eclipse ends; last contact with Earth	22	17.9	W 68	26.8	N60	14.7