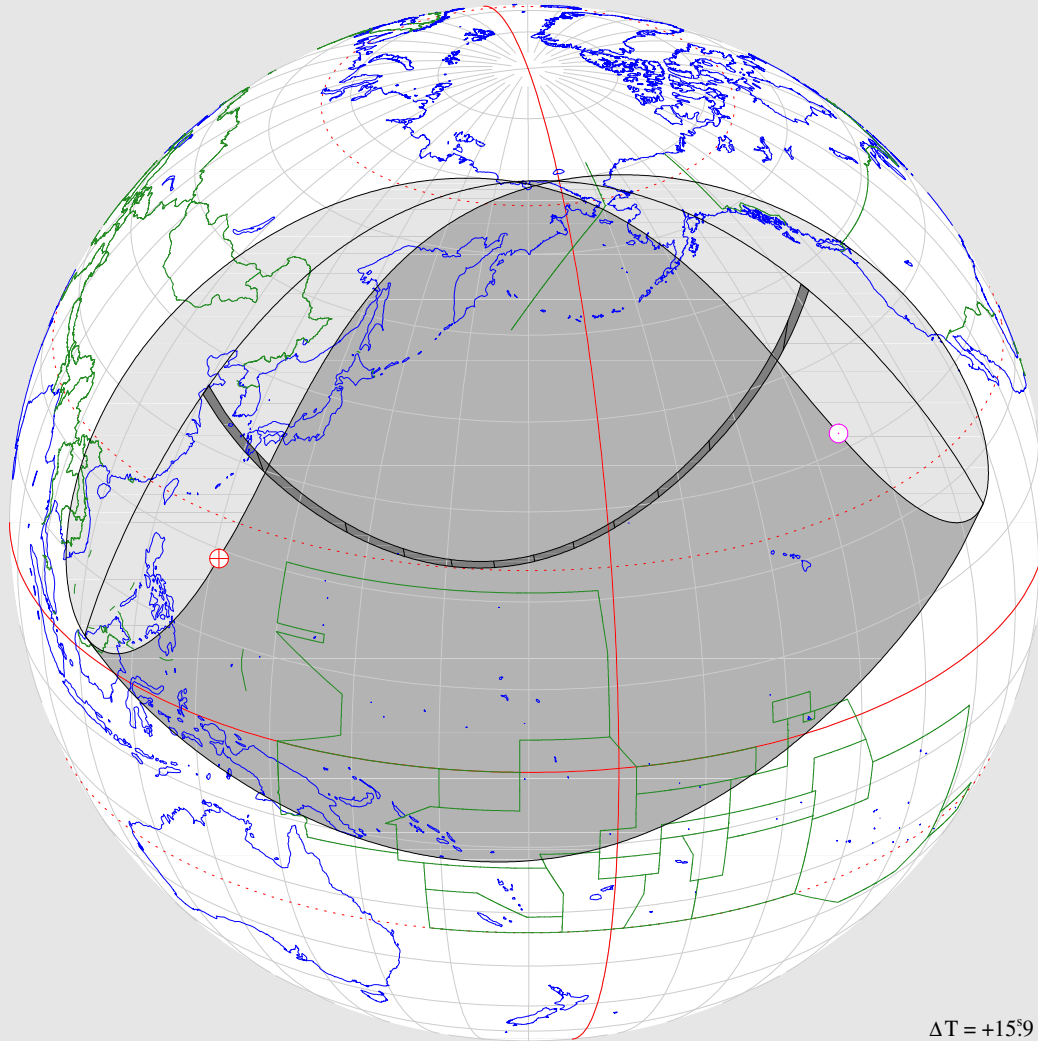


I. - Annular Eclipse of the Sun

1795 January 20-21



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$\Delta T = +15^s.9$
Globe centred on E 169°9' and N 28°8'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	21	57.0	E 130	50.2	N 18	56.8
Beginning of southern limit of penumbra	22	50.4	E 111	04.6	N 2	05.5
Beginning of southern limit of umbra	23	10.6	E 119	58.8	N 34	57.4
Beginning of centre line; central eclipse begins	23	11.4	E 120	07.0	N 35	31.5
Beginning of northern limit of umbra	23	12.1	E 120	15.4	N 36	05.8
Central eclipse at local apparent noon	0	38.3	E 173	20.6	N 25	31.5
End of northern limit of umbra	1	45.7	W 137	35.5	N 48	23.1
End of centre line; central eclipse ends	1	46.4	W 137	18.5	N 47	51.9
End of southern limit of umbra	1	47.1	W 137	02.1	N 47	21.0
End of southern limit of penumbra	2	07.4	W 124	34.0	N 15	11.3
⊙ Eclipse ends; last contact with Earth	3	00.7	W 145	14.9	N 31	50.4