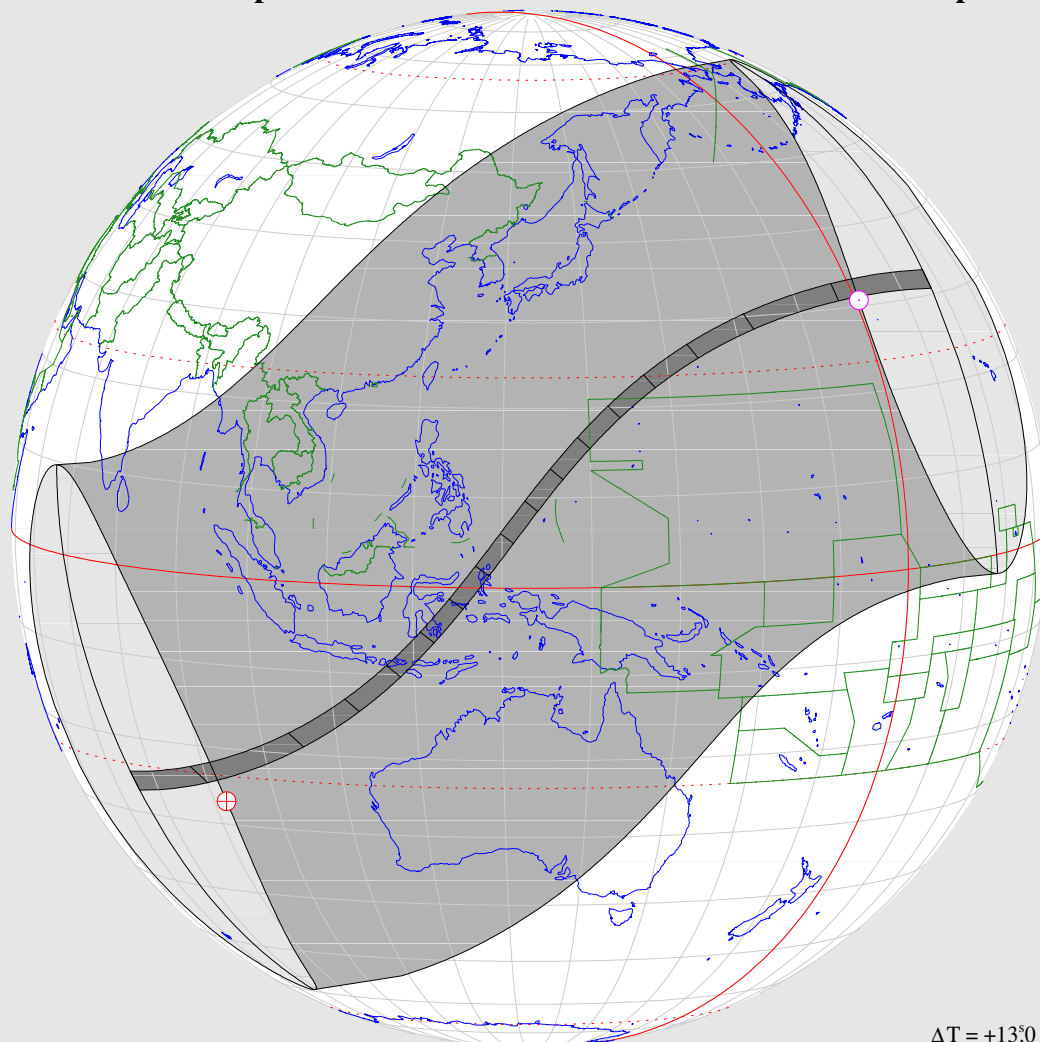


II. - Annular Eclipse of the Sun

1745 April 02



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$\Delta T = +13^s 0$
Globe centred on E 133°1 and N 6°6

Circumstances	Time (UT)		Longitude	Latitude
	h	m	° /	° /
⊕ Eclipse begins; first contact with Earth	0	05.2	E 92 06.5	S 26 50.3
Beginning of southern limit of umbra	1	11.7	E 75 30.3	S 26 54.2
Beginning of centre line; central eclipse begins	1	11.9	E 75 19.6	S 25 43.4
Beginning of northern limit of umbra	1	12.1	E 75 08.5	S 24 32.5
Beginning of southern limit of penumbra	1	26.0	E 77 48.9	S 59 30.5
Beginning of northern limit of penumbra	1	39.0	E 65 19.8	N 9 37.6
Central eclipse at local apparent noon	3	12.5	E 132 47.7	N 8 29.1
End of northern limit of penumbra	4	38.6	W147 03.0	N66 48.4
End of southern limit of penumbra	4	52.6	W162 25.2	S 2 08.0
End of northern limit of umbra	5	05.9	W162 20.3	N32 59.9
End of centre line; central eclipse ends	5	06.2	W162 32.7	N31 50.0
End of southern limit of umbra	5	06.4	W162 44.3	N30 40.3
⊙ Eclipse ends; last contact with Earth	6	12.8	W179 19.5	N30 43.2