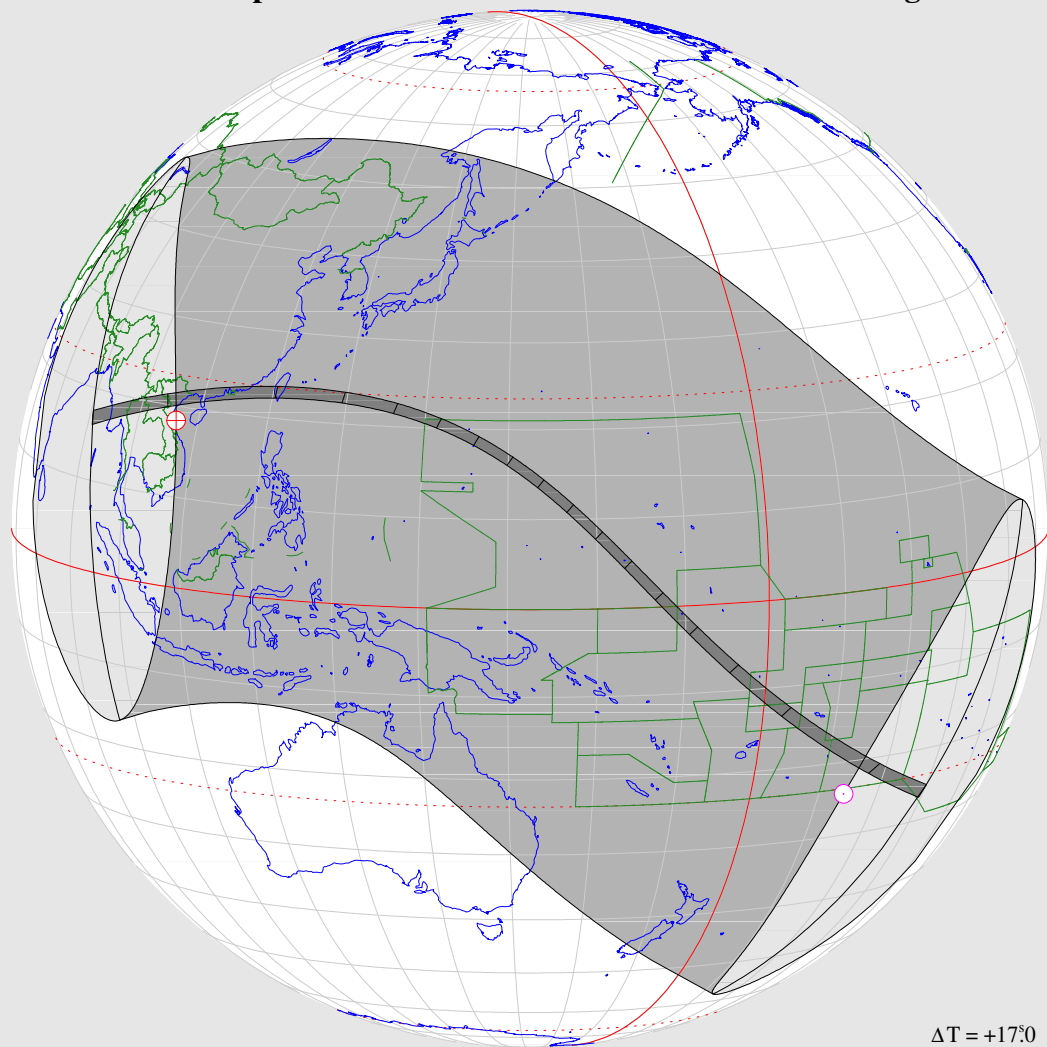


V. - Annular Eclipse of the Sun

1785 August 04-05



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$\Delta T = +17^s.0$
Globe centred on E 152°5 and N 9°0

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	22 36.3	E 106 29.2	N 18 24.1
Beginning of southern limit of umbra	23 41.4	E 91 01.4	N 16 02.1
Beginning of centre line; central eclipse begins	23 41.5	E 90 44.5	N 16 48.0
Beginning of northern limit of umbra	23 41.6	E 90 27.3	N 17 33.8
Beginning of southern limit of penumbra	23 59.5	E 96 48.2	S 16 46.1
Beginning of northern limit of penumbra	0 03.0	E 70 59.2	N 47 47.6
Central eclipse at local apparent noon	1 40.9	E 156 09.6	N 11 57.9
End of northern limit of penumbra	3 11.4	W 134 39.7	N 5 54.8
End of southern limit of penumbra	3 14.2	W 166 01.2	S 57 44.9
End of northern limit of umbra	3 32.5	W 149 54.6	S 25 01.3
End of centre line; central eclipse ends	3 32.6	W 150 13.9	S 25 47.9
End of southern limit of umbra	3 32.7	W 150 33.2	S 26 34.5
⊙ Eclipse ends; last contact with Earth	4 37.9	W 165 56.5	S 24 12.3