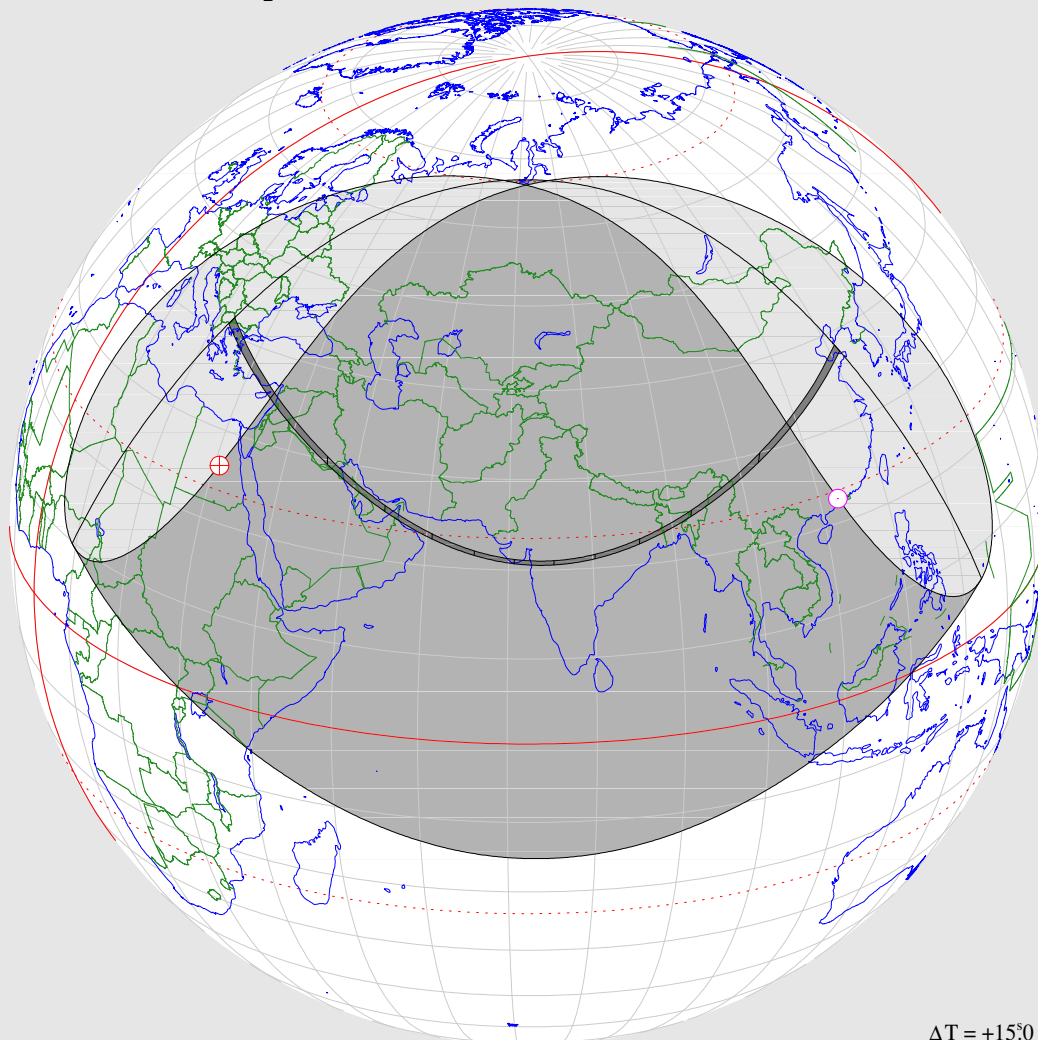


VI. - Annular Eclipse of the Sun

1758 December 30



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$\Delta T = +15^s 0$
Globe centred on E 72°3' and N 24°8'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	4 48.5	E 30 46.2	N 26 07.8
Beginning of southern limit of penumbra	5 43.3	E 9 09.2	N 9 45.7
Beginning of southern limit of umbra	6 01.0	E 22 23.5	N 41 00.9
Beginning of centre line; central eclipse begins	6 01.5	E 22 36.3	N 41 27.0
Beginning of northern limit of umbra	6 02.1	E 22 49.5	N 41 53.2
Central eclipse at local apparent noon	7 17.4	E 71 25.4	N 20 51.1
End of northern limit of umbra	8 37.8	E 121 23.2	N 38 31.3
End of centre line; central eclipse ends	8 38.3	E 121 33.8	N 38 05.8
End of southern limit of umbra	8 38.9	E 121 44.2	N 37 40.6
End of southern limit of penumbra	8 56.5	E 133 58.7	N 6 11.4
⊙ Eclipse ends; last contact with Earth	9 51.3	E 112 40.2	N 22 36.9