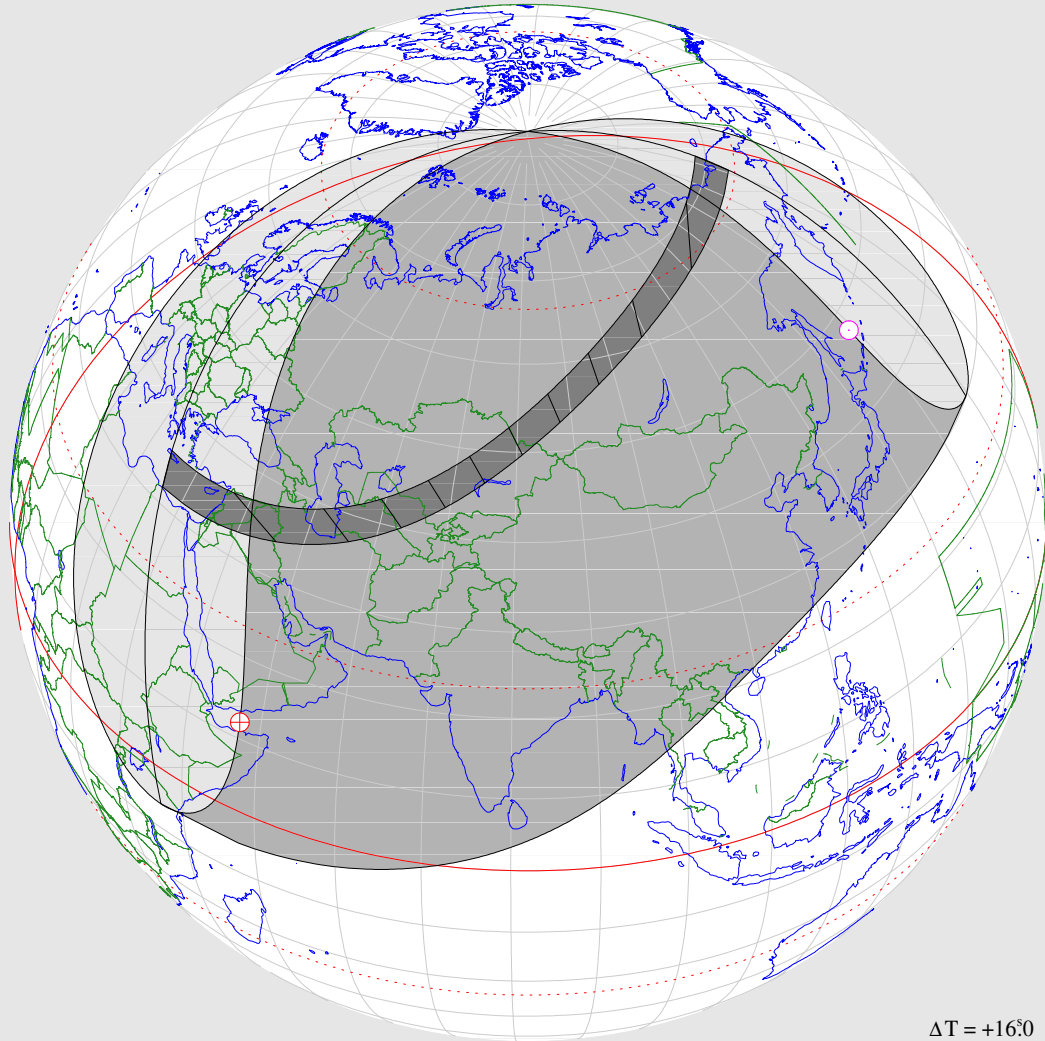


I. - Annular Eclipse of the Sun

1773 March 23



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$\Delta T = +16^s$
Globe centred on E 81°9' and N 42°2'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	2 56.8	E 47 15.4	N 12 05.5
Beginning of southern limit of penumbra	3 41.0	E 36 33.0	S 5 37.8
Beginning of southern limit of umbra	4 20.0	E 25 58.1	N 31 40.8
Beginning of centre line; central eclipse begins	4 23.1	E 25 09.0	N 33 36.5
Beginning of northern limit of umbra	4 26.4	E 24 16.3	N 35 37.3
Central eclipse at local apparent noon	6 05.9	E 90 11.0	N 56 21.2
End of northern limit of umbra	6 46.6	E 173 28.6	N 71 11.0
End of centre line; central eclipse ends	6 49.9	E 172 17.5	N 69 10.0
End of southern limit of umbra	6 53.0	E 171 13.9	N 67 14.1
End of southern limit of penumbra	7 32.3	E 159 16.5	N 30 03.5
⊙ Eclipse ends; last contact with Earth	8 16.4	E 148 52.7	N 47 43.1