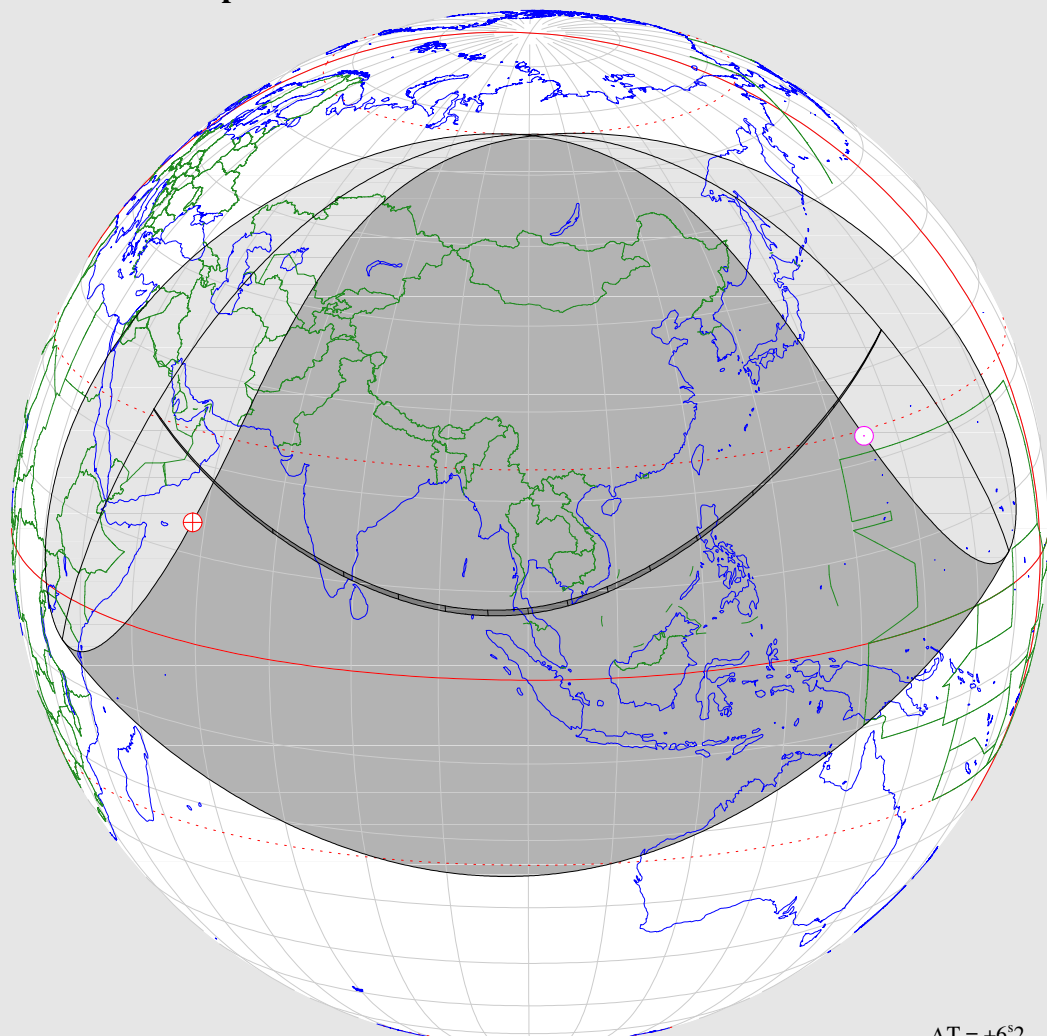


VI. - Total Eclipse of the Sun

1843 December 21



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$\Delta T = +6^s.2$
Globe centred on E 100°2 and N 17°0

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	2 29.1	E 58 11.8	N 13 30.7
Beginning of southern limit of penumbra	3 27.7	E 35 12.2	S 5 27.3
Beginning of centre line; central eclipse begins	3 33.0	E 47 29.8	N 24 12.4
Beginning of southern limit of umbra	3 33.0	E 47 28.8	N 24 09.6
Beginning of northern limit of umbra	3 33.0	E 47 30.8	N 24 15.3
Central eclipse at local apparent noon	5 08.3	E 102 25.7	N 8 15.2
End of centre line; central eclipse ends	6 33.6	E 154 29.8	N 33 23.0
End of northern limit of umbra	6 33.6	E 154 29.0	N 33 24.7
End of southern limit of umbra	6 33.6	E 154 30.5	N 33 21.3
End of southern limit of penumbra	6 39.0	E 168 01.6	N 3 59.6
⊙ Eclipse ends; last contact with Earth	7 37.5	E 144 34.8	N 22 52.0