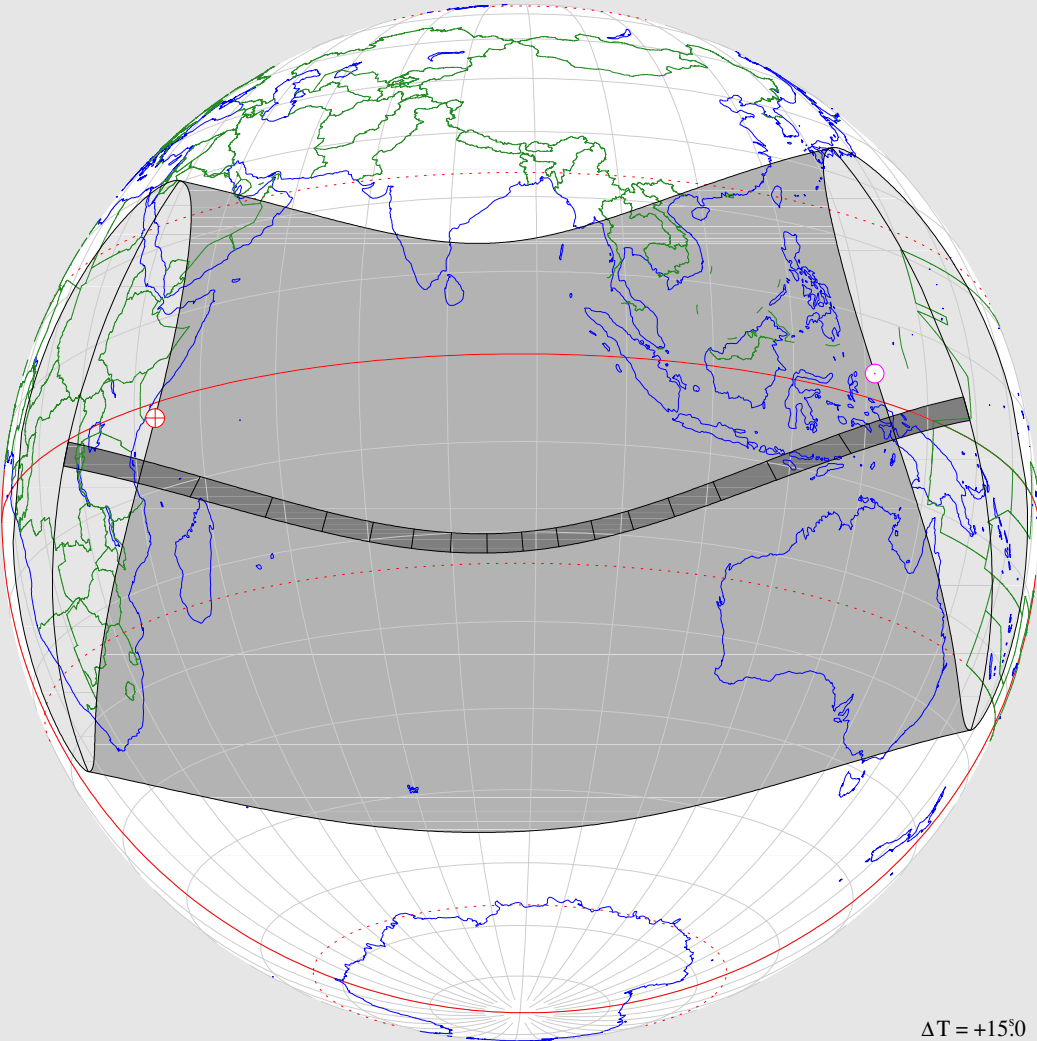


# I. - Annular Eclipse of the Sun

1796 January 10



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$\Delta T = +15^s 0$   
Globe centred on E 88°1 and S 19°0

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	3 11.6	E 43 20.0	S 1 46.7
Beginning of northern limit of umbra	4 17.6	E 27 27.9	S 0 13.8
Beginning of centre line; central eclipse begins	4 18.1	E 26 51.7	S 1 27.0
Beginning of southern limit of umbra	4 18.5	E 26 14.7	S 2 40.3
Beginning of northern limit of penumbra	4 28.1	E 38 36.5	N 30 18.3
Beginning of southern limit of penumbra	4 46.5	E 5 10.2	S 32 55.1
Central eclipse at local apparent noon	6 14.7	E 88 17.8	S 21 06.3
End of southern limit of penumbra	7 42.7	E 168 47.4	S 28 11.4
End of northern limit of penumbra	8 01.0	E 135 18.3	N 34 59.0
End of southern limit of umbra	8 10.6	E 148 25.3	N 2 12.6
End of centre line; central eclipse ends	8 11.1	E 147 48.9	N 3 24.8
End of northern limit of umbra	8 11.6	E 147 13.1	N 4 37.0
⊙ Eclipse ends; last contact with Earth	9 17.5	E 131 21.7	N 3 05.1