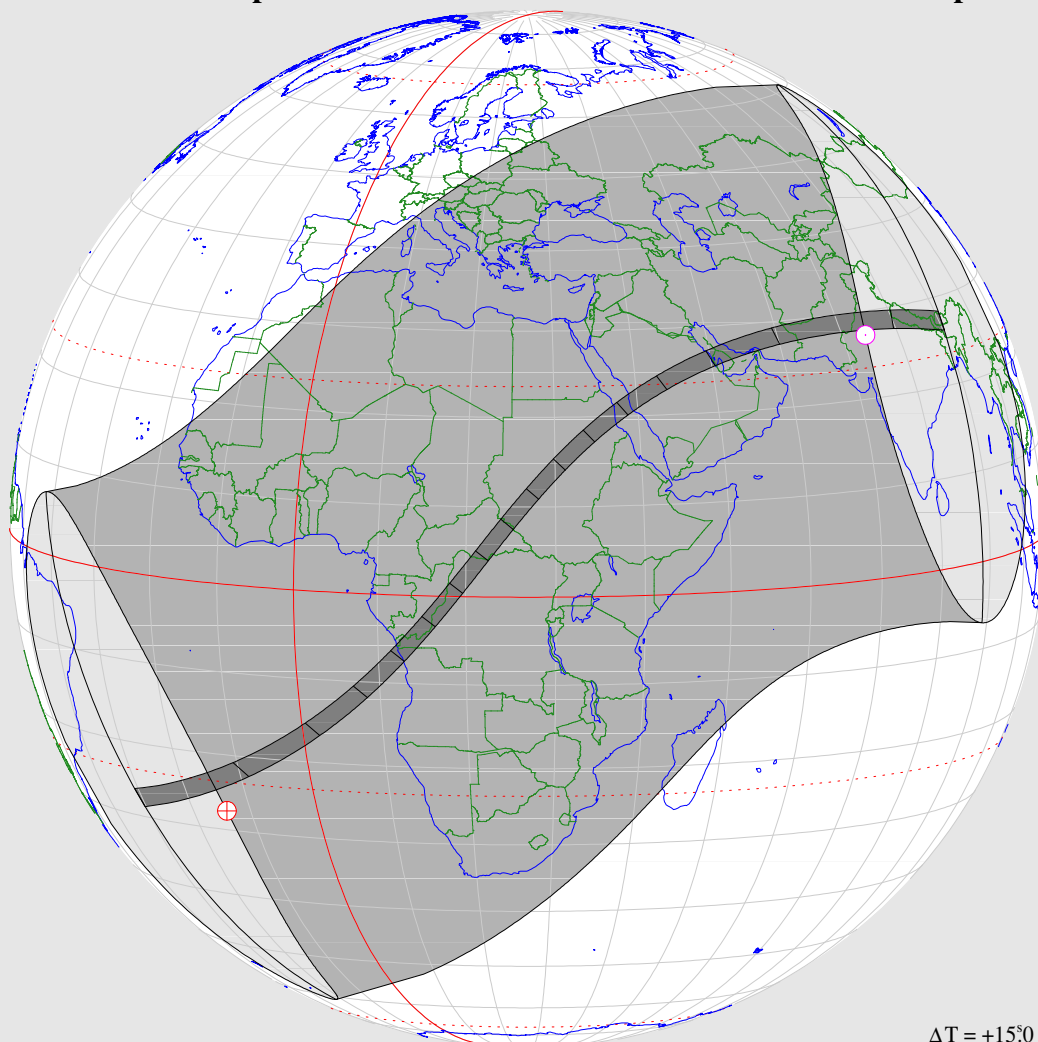


## II. - Annular Eclipse of the Sun

1763 April 13



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$\Delta T = +15^{\text{s}}$   
Globe centred on E 26°9' and N 7°6'

Circumstances	Time (UT)		Longitude	Latitude
	h	m	° /	° /
⊕ Eclipse begins; first contact with Earth	7	15.1	W 13 55.8	S 27 21.6
Beginning of southern limit of umbra	8	21.6	W 30 19.0	S 28 31.0
Beginning of centre line; central eclipse begins	8	21.7	W 30 35.4	S 27 22.5
Beginning of northern limit of umbra	8	21.9	W 30 52.1	S 26 13.9
Beginning of southern limit of penumbra	8	38.0	W 22 47.1	S 60 58.1
Beginning of northern limit of penumbra	8	46.3	W 42 30.7	N 6 48.5
Central eclipse at local apparent noon	10	19.2	E 25 20.1	N 9 00.8
End of northern limit of penumbra	11	51.8	E 108 43.6	N 60 48.0
End of southern limit of penumbra	12	01.0	E 88 46.2	S 6 55.9
End of northern limit of umbra	12	16.5	E 90 55.0	N 28 21.1
End of centre line; central eclipse ends	12	16.8	E 90 38.0	N 27 13.5
End of southern limit of umbra	12	16.9	E 90 21.8	N 26 05.8
⊙ Eclipse ends; last contact with Earth	13	23.4	E 73 59.3	N 27 14.3