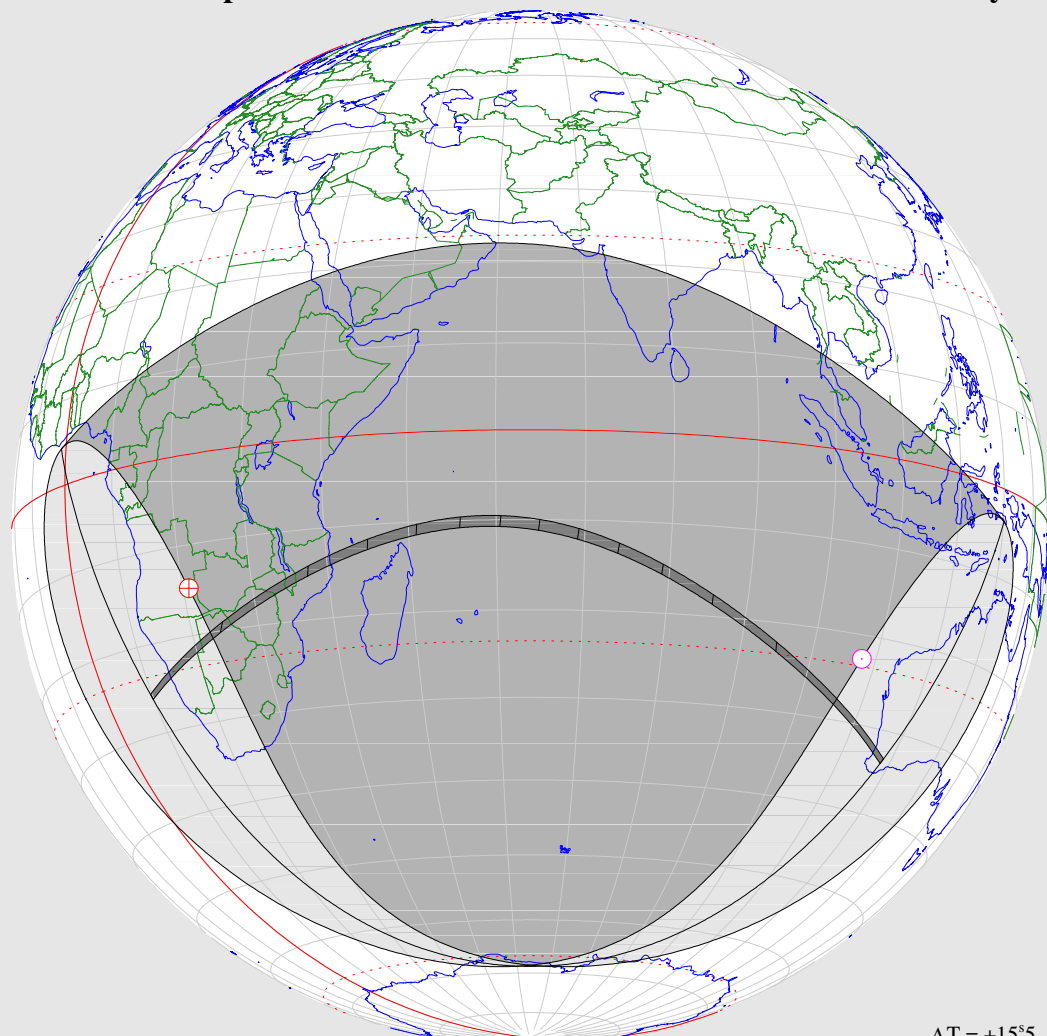


III. - Total Eclipse of the Sun

1795 July 16



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$\Delta T = +15^s 5$
Globe centred on E 63°8' and S 11°0'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	5 05.7	E 20 54.4	S 14 45.4
Beginning of northern limit of penumbra	6 03.5	W 1 10.8	N 4 17.8
Beginning of northern limit of umbra	6 09.8	E 9 39.4	S 25 22.5
Beginning of centre line; central eclipse begins	6 10.1	E 9 45.0	S 25 41.5
Beginning of southern limit of umbra	6 10.3	E 9 50.5	S 26 00.6
Central eclipse at local apparent noon	7 45.5	E 65 00.3	S 10 36.5
End of southern limit of umbra	9 12.3	E 118 08.7	S 33 44.8
End of centre line; central eclipse ends	9 12.6	E 118 15.3	S 33 27.4
End of northern limit of umbra	9 12.8	E 118 21.9	S 33 09.9
End of northern limit of penumbra	9 19.1	E 130 10.3	S 3 39.3
⊙ Eclipse ends; last contact with Earth	10 17.0	E 107 43.6	S 22 39.0