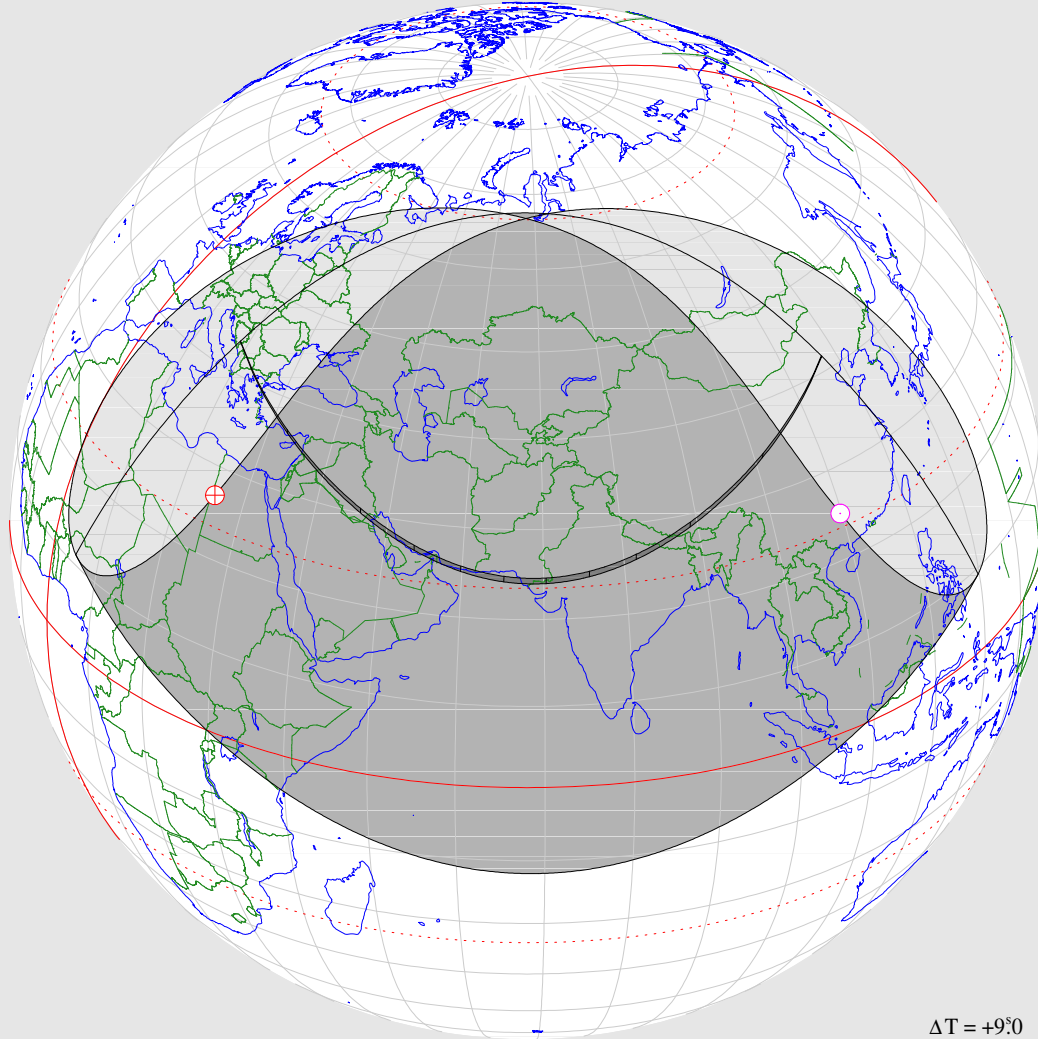


# IV. - Total Eclipse of the Sun

1695 December 06



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$\Delta T = +9^s 0$   
Globe centred on E 68°1' and N 31°0'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	4 58.3	E 25 29.5	N 26 51.1
Beginning of southern limit of penumbra	5 49.1	E 5 21.0	N 11 08.4
Beginning of centre line; central eclipse begins	6 10.6	E 18 22.9	N 43 20.0
Beginning of southern limit of umbra	6 10.5	E 18 22.1	N 43 18.6
Beginning of northern limit of umbra	6 10.6	E 18 23.6	N 43 21.4
Central eclipse at local apparent noon	7 21.8	E 67 29.3	N 24 19.5
End of northern limit of umbra	8 35.7	E 117 18.8	N 41 38.2
End of centre line; central eclipse ends	8 35.7	E 117 19.9	N 41 35.7
End of southern limit of umbra	8 35.8	E 117 21.0	N 41 33.3
End of southern limit of penumbra	8 57.2	E 129 44.8	N 9 17.0
⊙ Eclipse ends; last contact with Earth	9 47.9	E 109 46.0	N 25 01.1