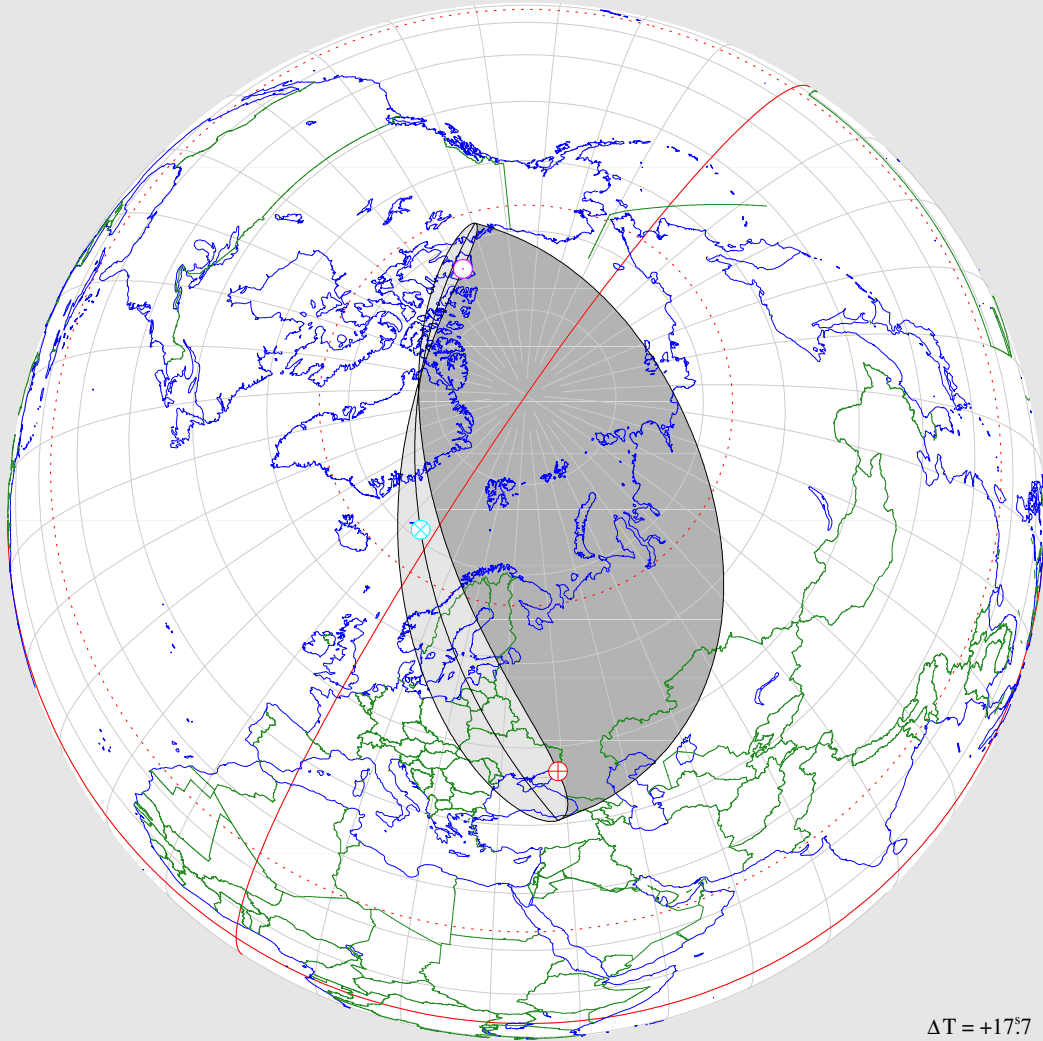


# I. - Partial Eclipse of the Sun

1678 April 21



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$\Delta T = +17^s.7$   
Globe centred on E 34°0 and N 76°0

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	2 29.5	E 39 12.0	N46 54.2
Beginning of southern limit of penumbra	2 42.4	E 38 38.7	N40 29.1
⊗ Greatest eclipse (magnitude = 0.3052)	3 45.5	W 4 42.1	N71 01.3
End of southern limit of penumbra	4 48.4	W130 42.0	N68 05.4
○ Eclipse ends; last contact with Earth	5 01.2	W121 04.8	N73 13.0