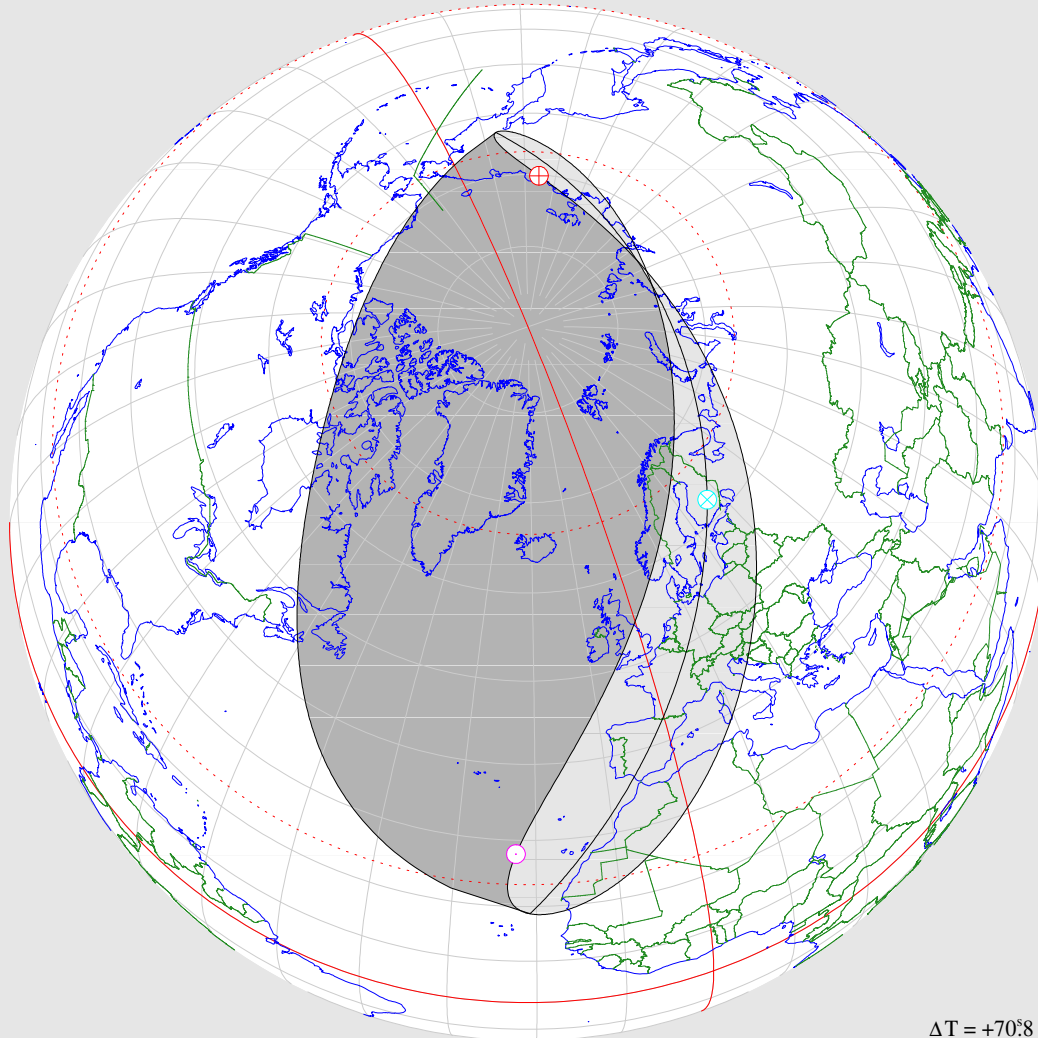


# IV. - Partial Eclipse of the Sun

1635 August 12



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$\Delta T = +70^s.8$   
Globe centred on W 21°0 and N 67°8

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	16 31.3	E 155 25.5	N 70 08.5
Beginning of southern limit of penumbra	16 50.1	E 166 50.0	N 63 01.7
⊗ Greatest eclipse (magnitude = 0.5517)	18 19.0	E 26 50.1	N 62 11.9
End of southern limit of penumbra	19 48.3	W 20 45.5	N 18 47.9
○ Eclipse ends; last contact with Earth	20 07.1	W 22 30.5	N 28 01.6