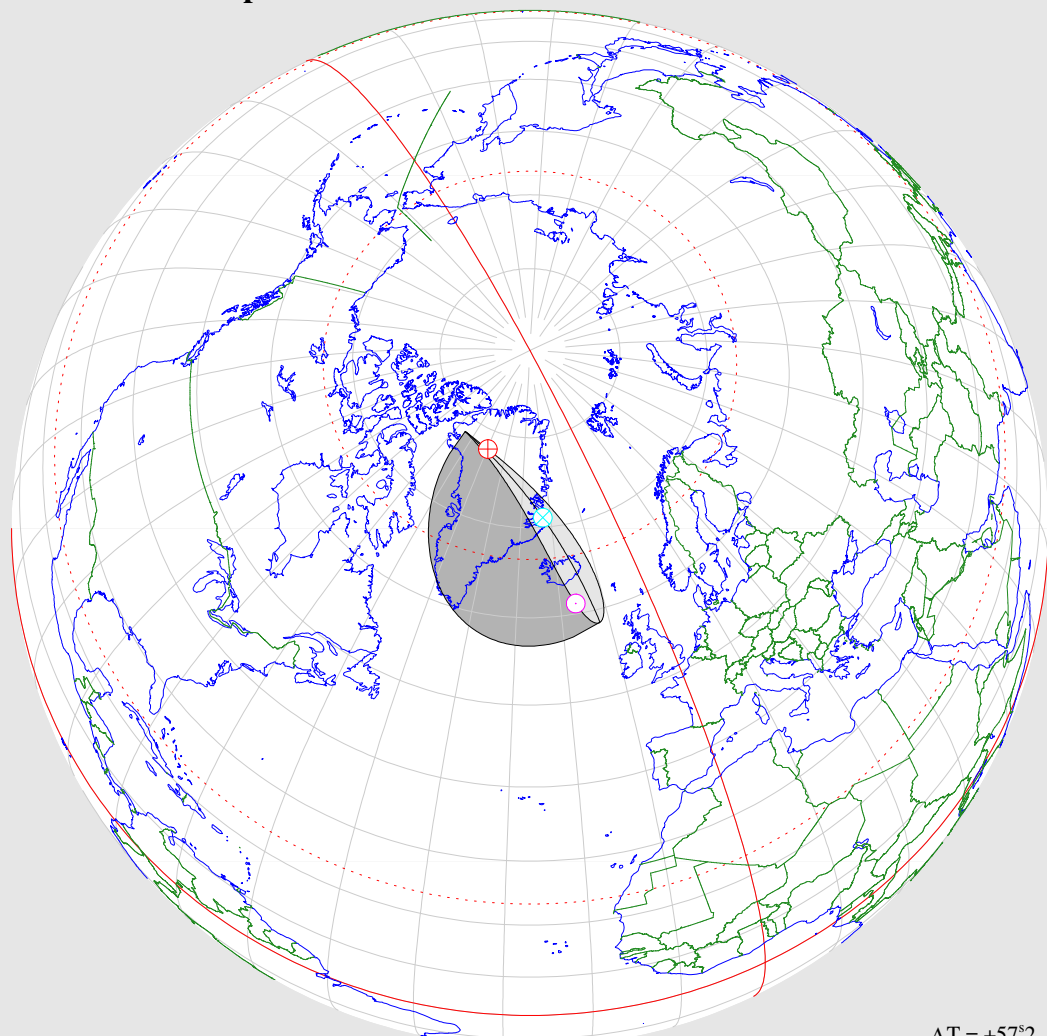


VI. - Partial Eclipse of the Sun

1642 October 23



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$\Delta T = +57^s.2$
Globe centred on W 27°0 and N 69°9

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	16	13.0	W 49	41.0	N 77	50.5
Beginning of southern limit of penumbra	16	21.7	W 65	14.3	N 78	21.3
⊗ Greatest eclipse (magnitude = 0.0553)	16	47.6	W 22	37.3	N 71	04.0
End of southern limit of penumbra	17	13.9	W 11	58.9	N 58	31.4
⊙ Eclipse ends; last contact with Earth	17	22.5	W 16	26.7	N 61	09.1