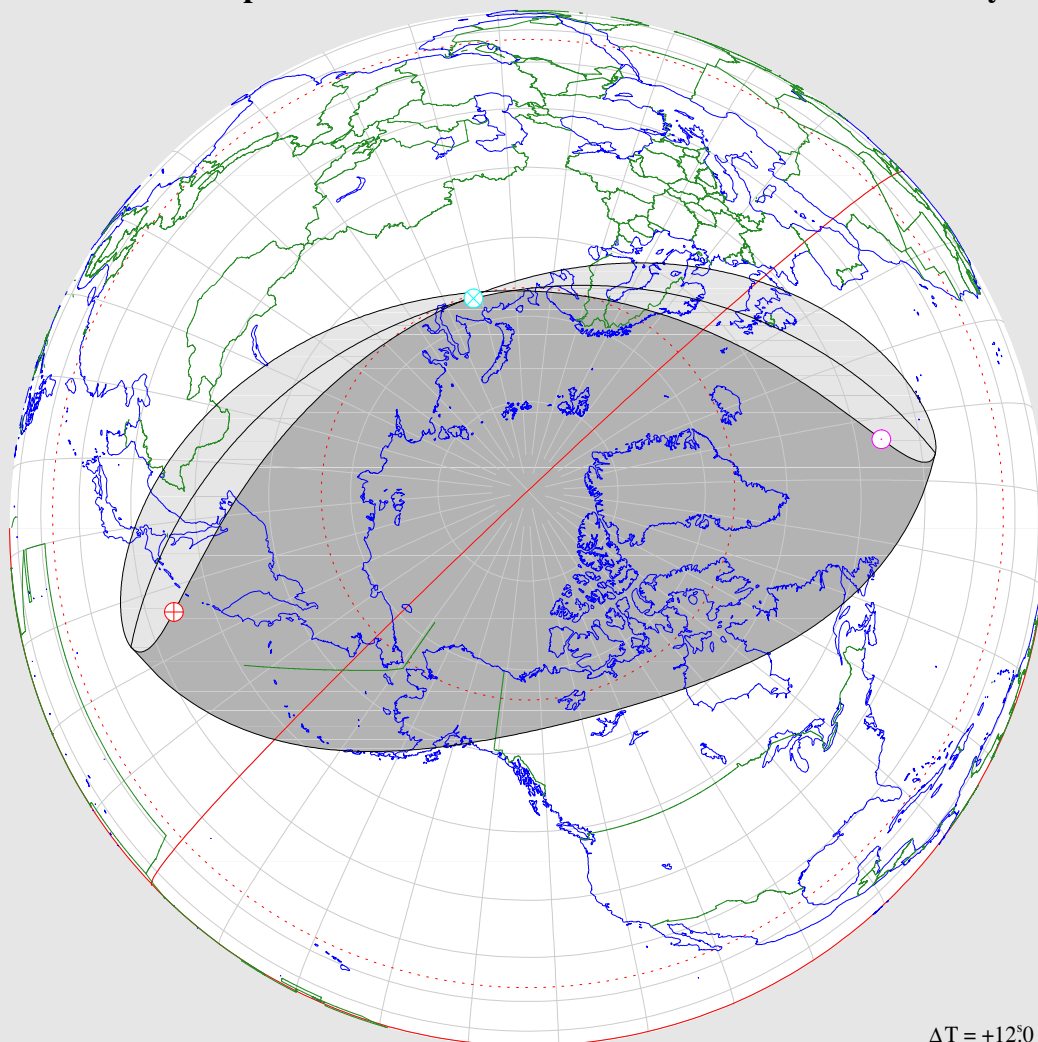


III. - Partial Eclipse of the Sun

1685 July 01



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$\Delta T = +12^s.0$
Globe centred on W 133°4 and N 85°8

Circumstances	Time (UT)		Longitude	Latitude
	h	m	° /	° /
⊕ Eclipse begins; first contact with Earth	18	09.4	E 153 52.5	N 44 20.0
Beginning of southern limit of penumbra	18	27.6	E 156 07.3	N 35 38.1
⊗ Greatest eclipse (magnitude = 0.6166)	20	05.9	E 62 08.7	N 66 54.2
End of southern limit of penumbra	21	44.1	W 36 04.2	N 37 35.2
⊙ Eclipse ends; last contact with Earth	22	02.3	W 33 25.4	N 46 11.3