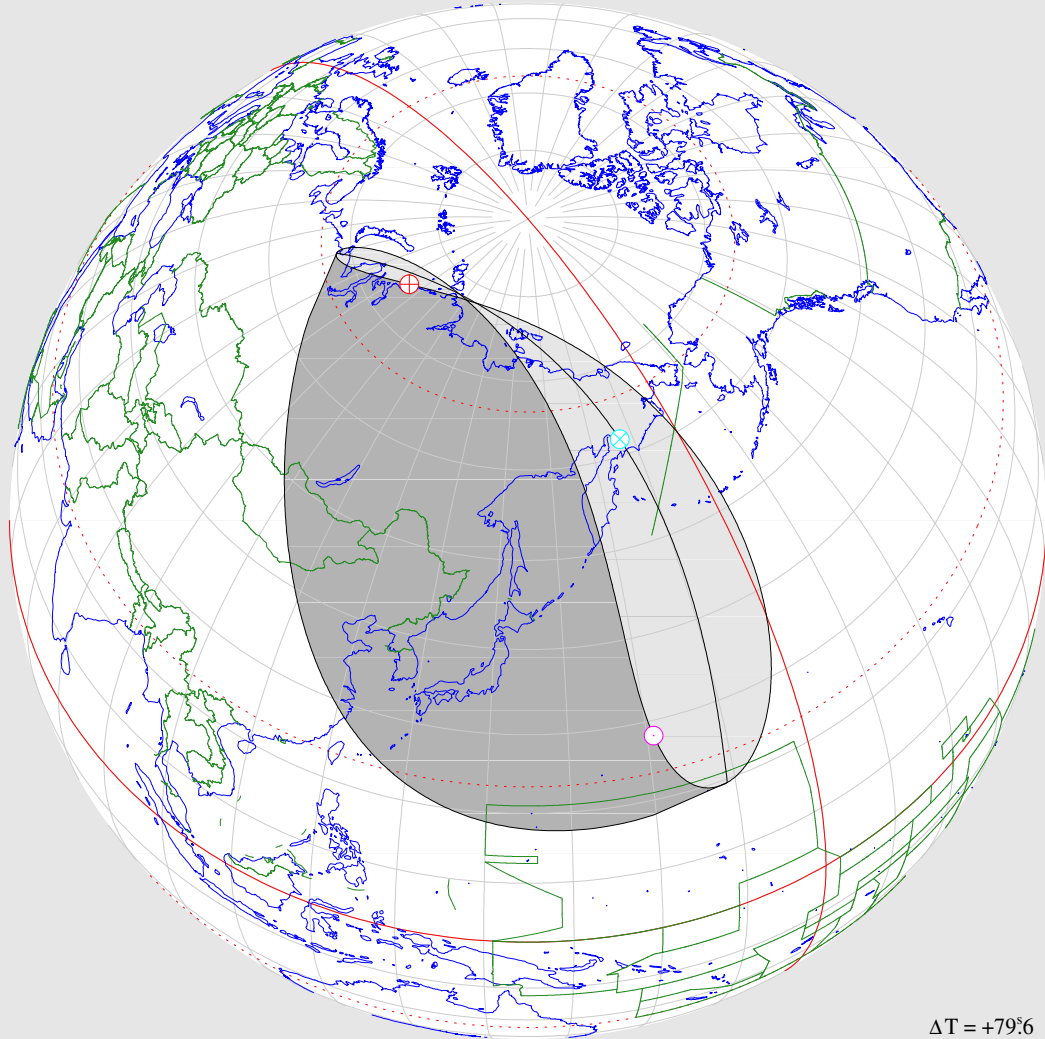


IV. - Partial Eclipse of the Sun

1631 October 25



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$\Delta T = +79^s.6$
Globe centred on E 144°9' and N 54°4'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	3	31.5	E 84	27.1	N74	44.0
Beginning of southern limit of penumbra	3	55.2	E 59	35.5	N68	16.0
⊗ Greatest eclipse (magnitude = 0.5388)	5	02.9	E 166	55.2	N61	49.1
End of southern limit of penumbra	6	11.1	E 168	59.1	N19	31.3
○ Eclipse ends; last contact with Earth	6	34.7	E 160	51.0	N28	09.1