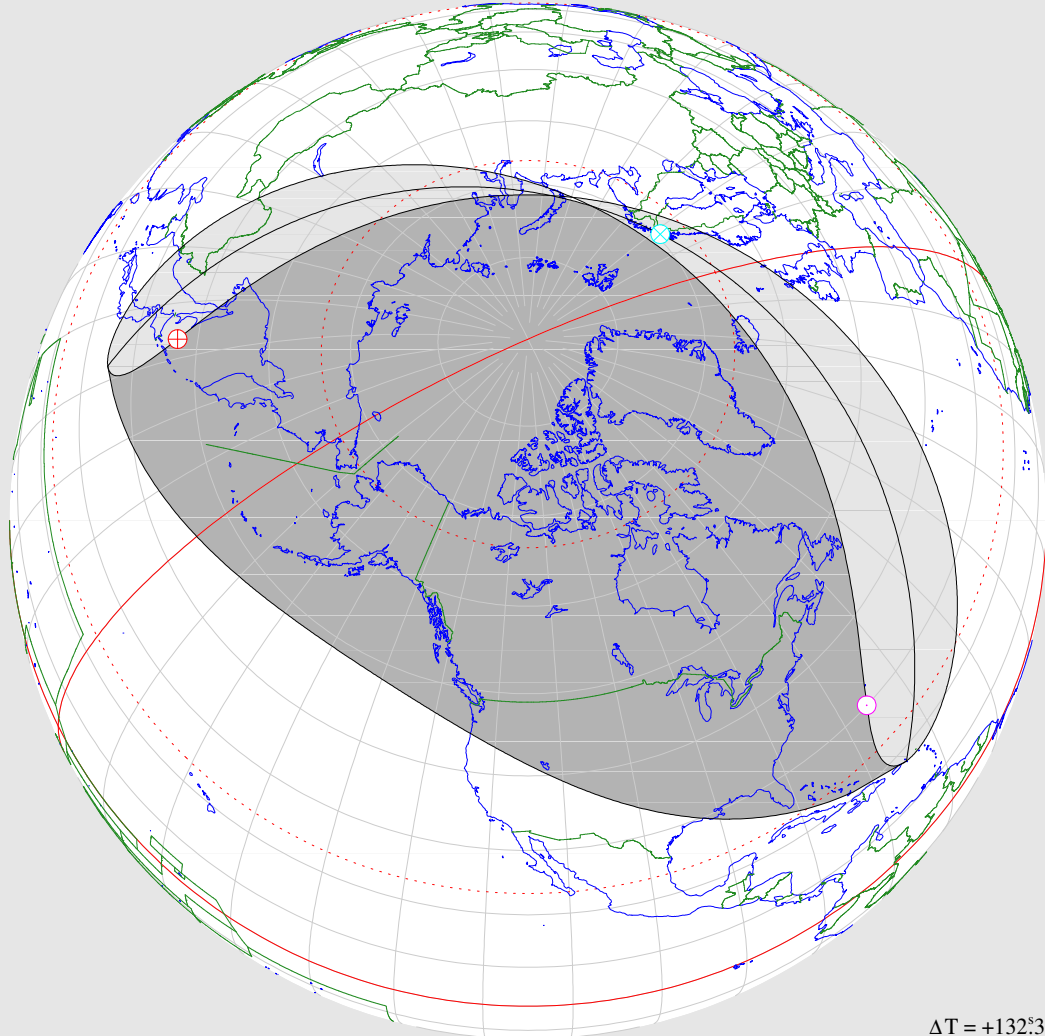


IV. - Partial Eclipse of the Sun

1609 July 30



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$\Delta T = +132^s.3$
Globe centred on W 115°0 and N 69°5

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	18	56.1	E 146	30.0	N 46	52.9
Beginning of southern limit of penumbra	19	20.1	E 147	46.7	N 35	12.4
⊗ Greatest eclipse (magnitude = 0.9662)	21	04.9	E 18	12.9	N 69	29.8
End of southern limit of penumbra	22	49.9	W 64	53.6	N 17	55.7
○ Eclipse ends; last contact with Earth	23	13.9	W 65	58.1	N 30	03.4