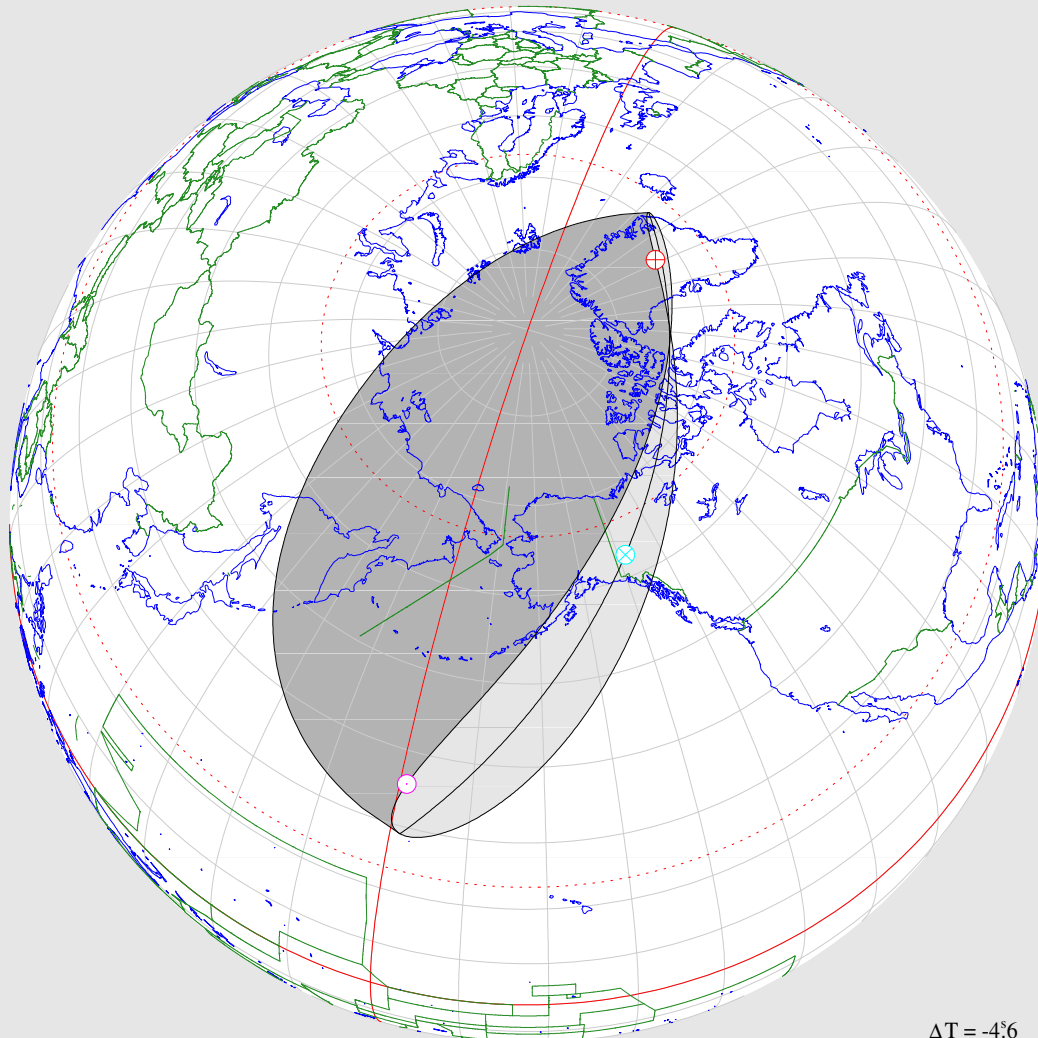


### III. - Partial Eclipse of the Sun

1877 August 09



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$\Delta T = -4^s 6$   
Globe centred on W 162°3 and N 67°9

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	4 12.8	W 38 40.7	N 72 49.4
Beginning of southern limit of penumbra	4 25.3	W 23 02.1	N 69 05.1
⊗ Greatest eclipse (magnitude = 0.3892)	5 30.5	W 138 20.4	N 62 26.7
End of southern limit of penumbra	6 36.0	W 178 40.5	N 28 54.6
○ Eclipse ends; last contact with Earth	6 48.5	W 179 02.7	N 35 45.1