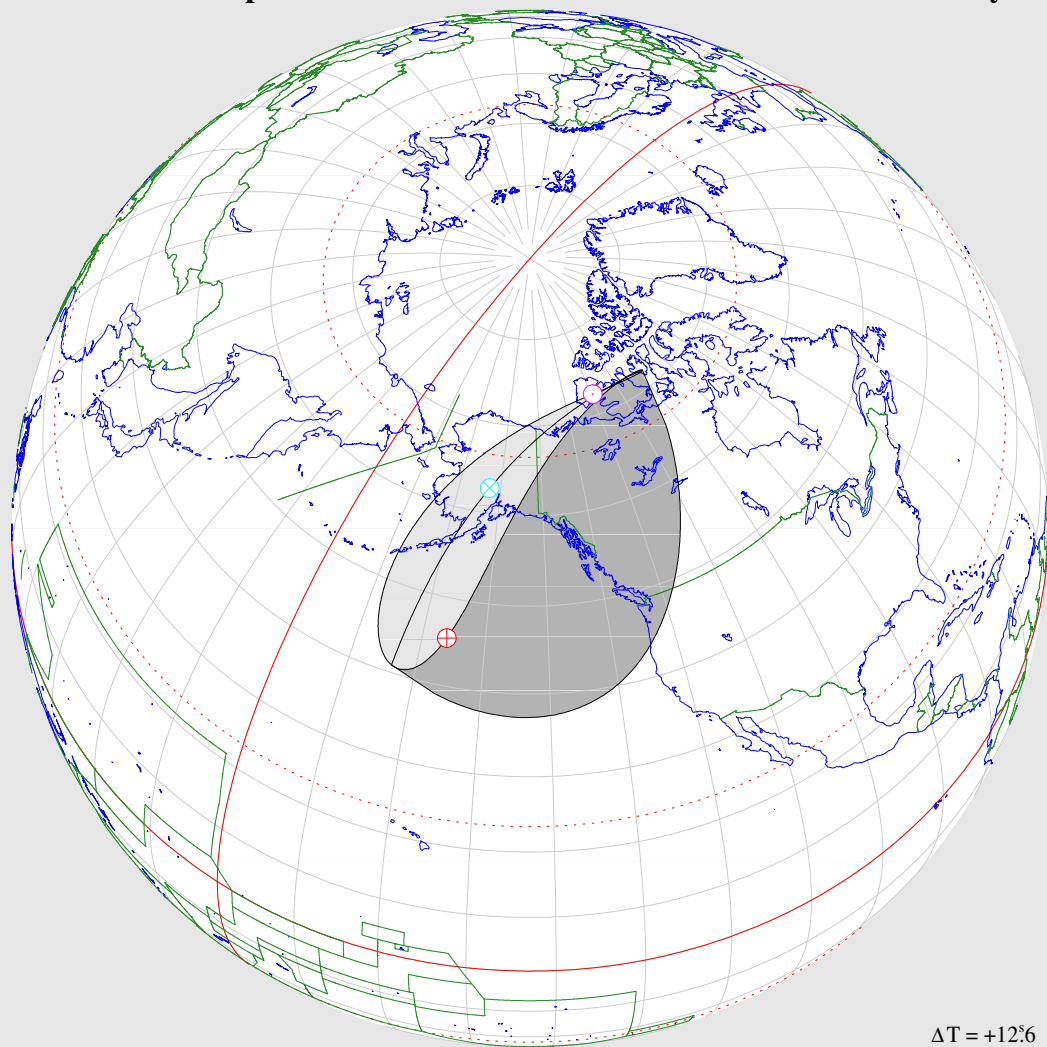


### III. - Partial Eclipse of the Sun

1805 January 30



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$\Delta T = +12^{\text{m}}6$   
Globe centred on W 142°9 and N 58°6

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	17 53.7	W156 08.1	N45 28.8
Beginning of southern limit of penumbra	18 12.0	W163 35.6	N40 52.3
⊗ Greatest eclipse (magnitude = 0.1677)	18 56.8	W152 40.7	N62 45.3
End of southern limit of penumbra	19 41.0	W 98 31.7	N71 56.2
○ Eclipse ends; last contact with Earth	19 59.3	W119 18.9	N72 22.3