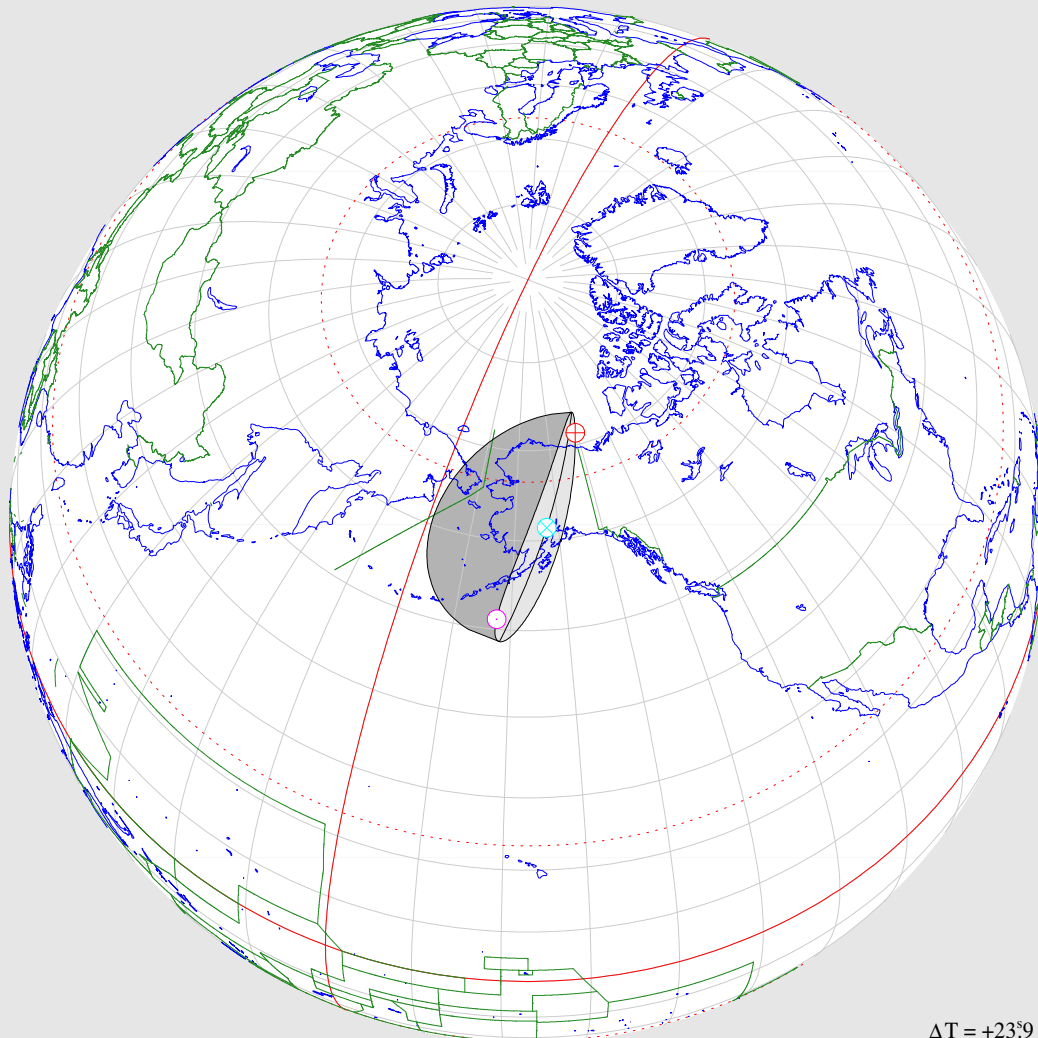


### III. - Partial Eclipse of the Sun

1931 September 12



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$\Delta T = +23^s.9$   
Globe centred on W 157°0 and N 61°8

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	4 13.1	W140 25.8	N71 19.9
Beginning of southern limit of penumbra	4 18.2	W139 34.7	N73 39.0
⊗ Greatest eclipse (magnitude = 0.0472)	4 41.0	W152 40.6	N61 23.5
End of southern limit of penumbra	5 04.5	W161 46.0	N48 38.3
○ Eclipse ends; last contact with Earth	5 09.4	W162 31.8	N51 08.1