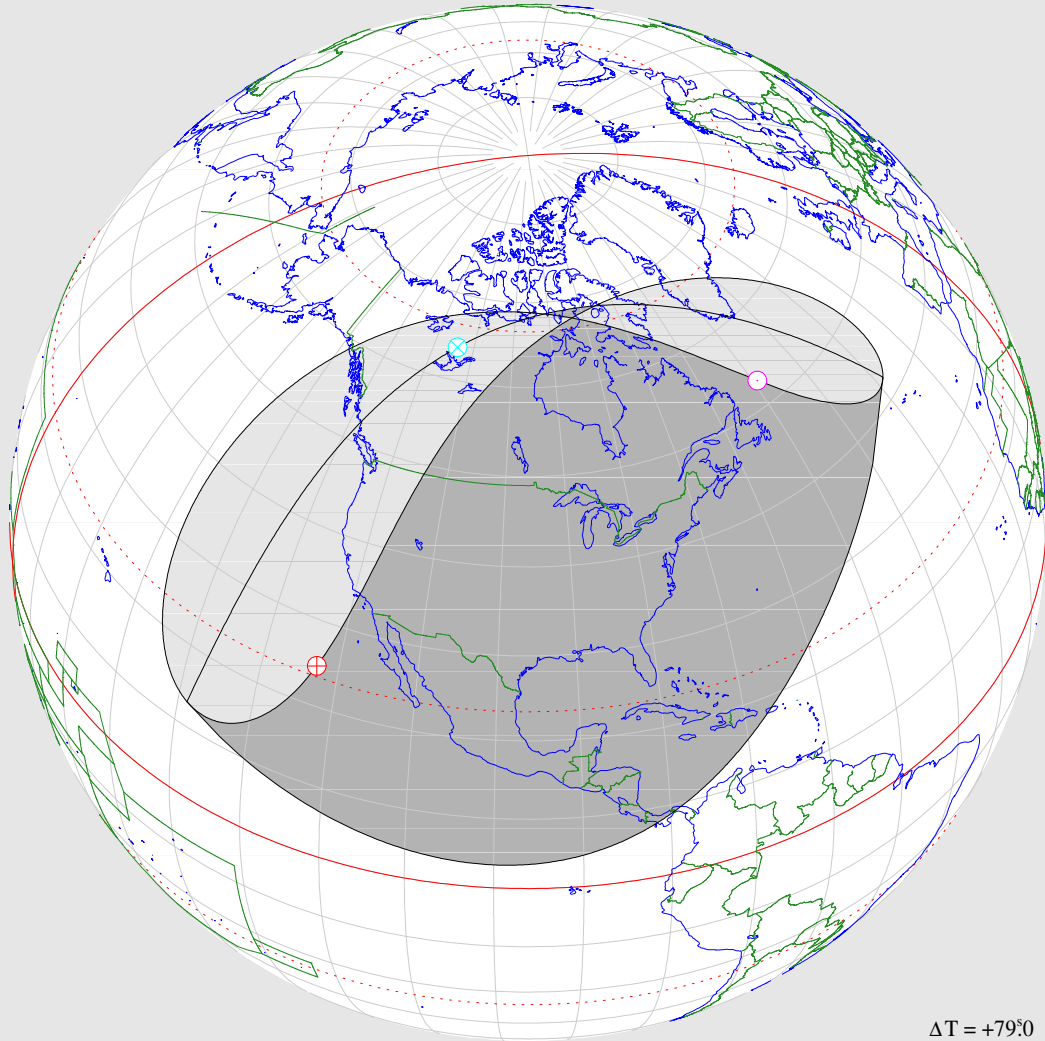


# I. - Partial Eclipse of the Sun

2029 January 14



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$\Delta T = +79^{\circ}0$   
Globe centred on W 96 $^{\circ}2$  and N 44 $^{\circ}9$

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	15 01.8	W122 51.7	N24 44.8
Beginning of southern limit of penumbra	15 44.8	W138 42.2	N13 10.5
⊗ Greatest eclipse (magnitude = 0.8719)	17 12.5	W114 04.7	N63 45.2
End of southern limit of penumbra	18 39.9	W 28 18.7	N42 20.1
⊙ Eclipse ends; last contact with Earth	19 23.0	W 49 06.4	N52 50.1