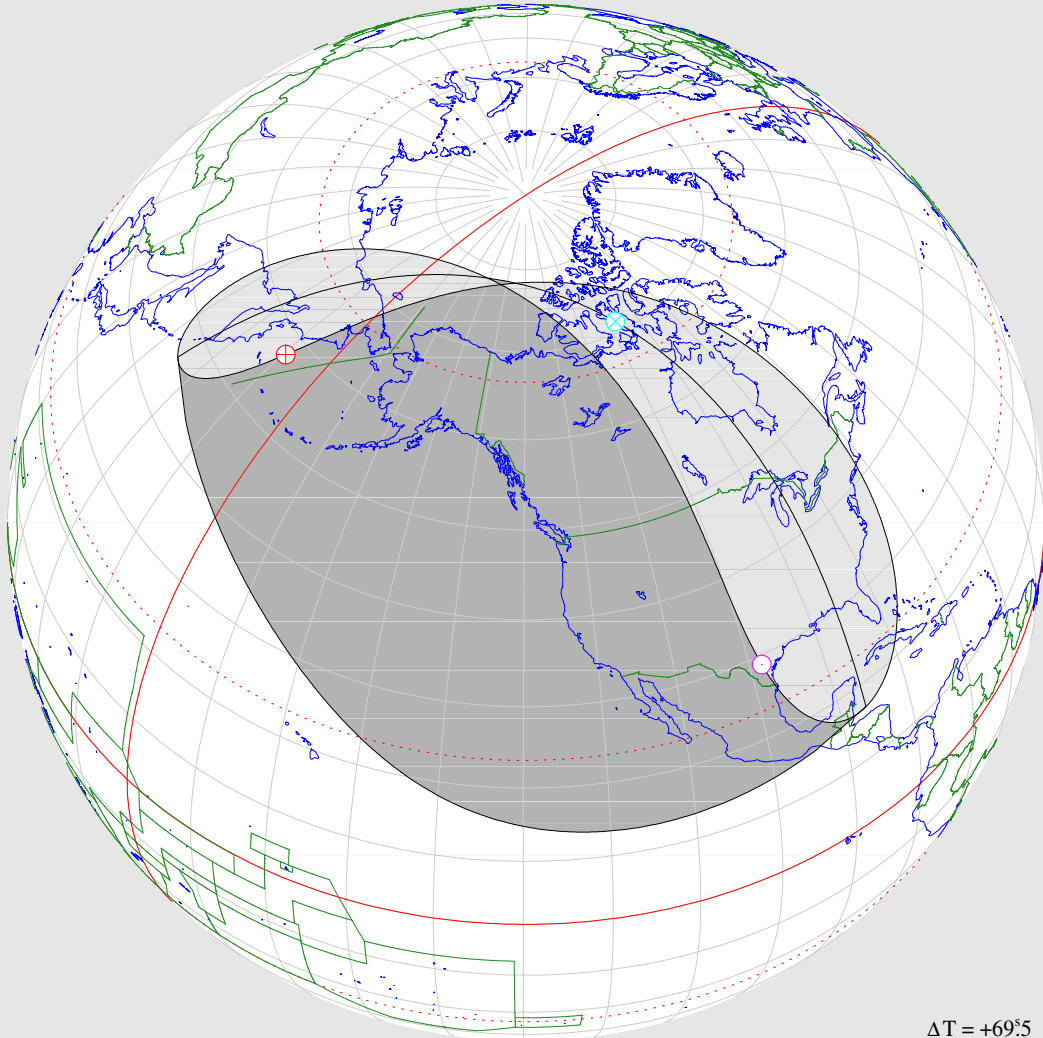


IV. - Partial Eclipse of the Sun

2014 October 23



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$\Delta T = +69^s.5$
Globe centred on W 129°7 and N 50°8

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	19 37.5	E 170 31.5	N 57 34.1
Beginning of southern limit of penumbra	20 13.7	E 154 55.7	N 46 02.5
⊗ Greatest eclipse (magnitude = 0.8119)	21 44.5	W 97 17.4	N 71 14.4
End of southern limit of penumbra	23 15.4	W 86 22.9	N 16 57.9
○ Eclipse ends; last contact with Earth	23 51.6	W 98 23.1	N 28 55.8