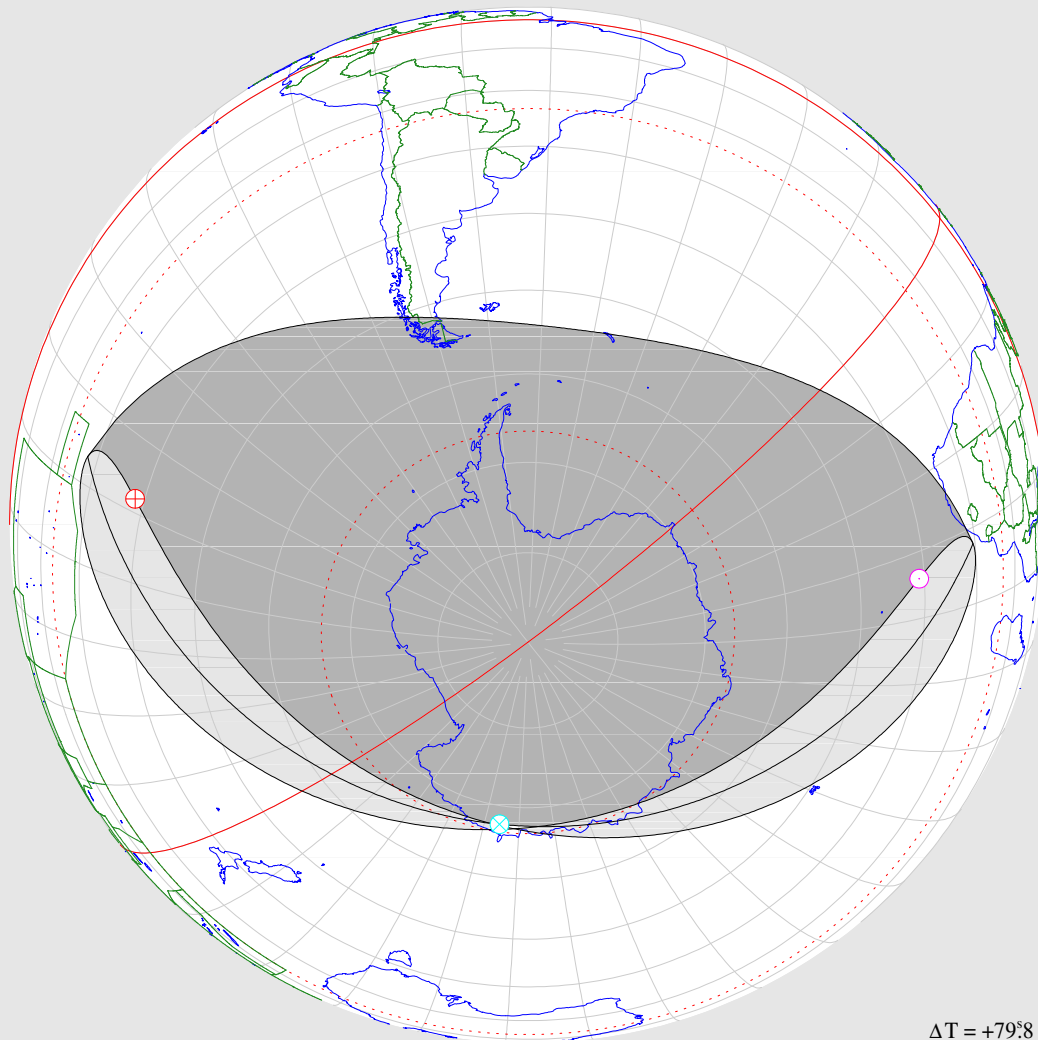


V. - Partial Eclipse of the Sun

2029 December 05



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$\Delta T = +79^s.8$
Globe centred on W 52°6' and S 76°9'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	13 06.5	W128 06.2	S 38 28.3
Beginning of northern limit of penumbra	13 26.5	W126 35.0	S 27 55.5
⊗ Greatest eclipse (magnitude = 0.8913)	15 02.6	E 135 39.0	S 67 30.8
End of northern limit of penumbra	16 38.8	E 32 02.9	S 30 25.1
○ Eclipse ends; last contact with Earth	16 58.7	E 33 58.4	S 40 52.5