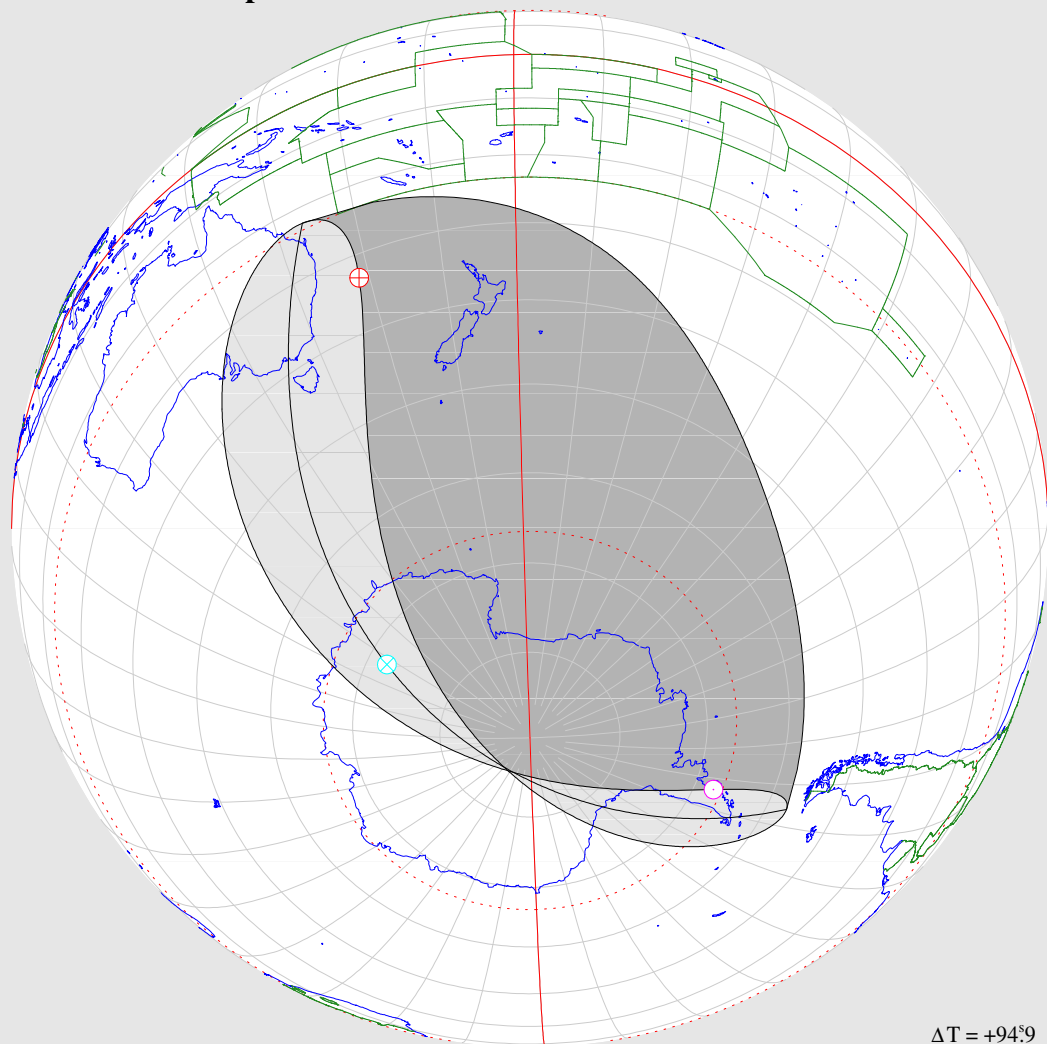


III. - Partial Eclipse of the Sun

2051 October 04



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$\Delta T = +94^s 9$
Globe centred on W 178°2 and S 66°2

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	19 02.2	E 158 38.1	S 33 07.0
Beginning of northern limit of penumbra	19 27.4	E 153 25.2	S 22 30.4
⊗ Greatest eclipse (magnitude = 0.6025)	21 00.6	E 117 35.0	S 72 09.0
End of northern limit of penumbra	22 33.6	W 64 04.6	S 57 10.2
⊙ Eclipse ends; last contact with Earth	22 58.8	W 66 16.4	S 67 34.3