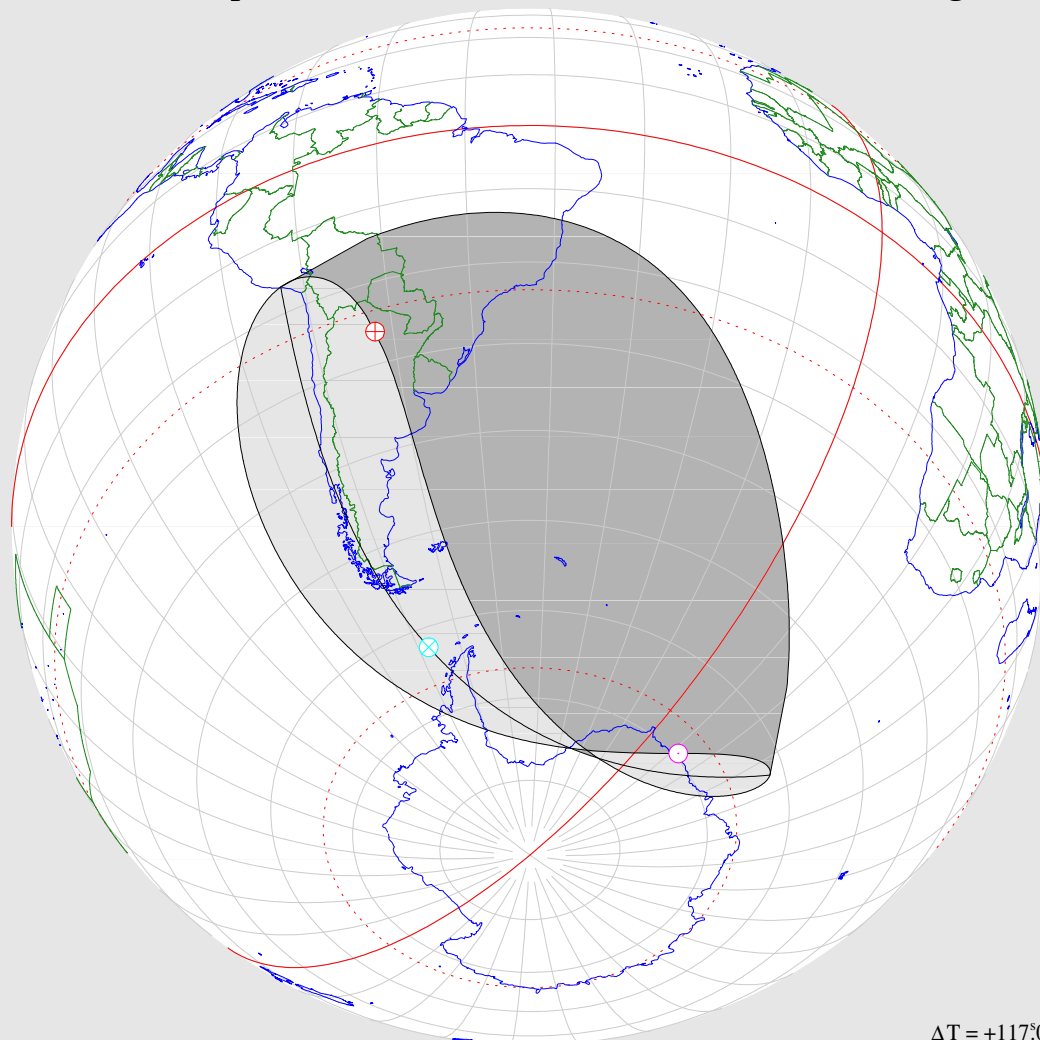


# V. - Partial Eclipse of the Sun

2083 August 13



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$\Delta T = +117^{\circ}0$   
Globe centred on W 42°8' and S 50°7'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	10 43.1	W 62 14.1	S 26 07.5
Beginning of northern limit of penumbra	11 14.1	W 72 54.2	S 16 28.4
⊗ Greatest eclipse (magnitude = 0.6148)	12 32.7	W 67 34.7	S 62 12.4
End of northern limit of penumbra	13 50.9	E 34 50.8	S 61 43.0
○ Eclipse ends; last contact with Earth	14 21.9	E 12 04.4	S 69 31.1