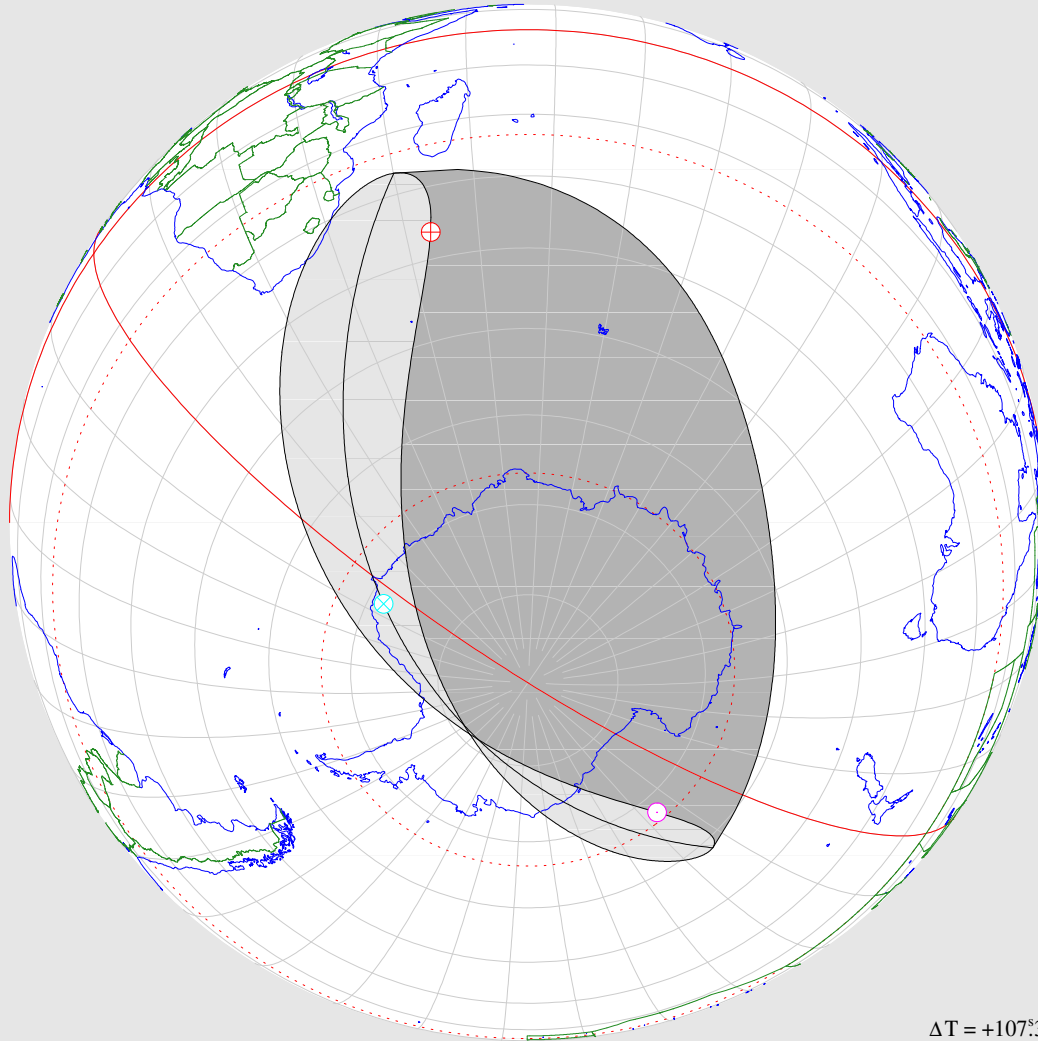


# IV. - Partial Eclipse of the Sun

2069 October 15



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$\Delta T = +107^s.3$   
Globe centred on E 56°9' and S 72°0'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	2 26.2	E 43 25.3	S 36 25.3
Beginning of northern limit of penumbra	2 47.9	E 40 02.4	S 26 43.3
⊗ Greatest eclipse (magnitude = 0.5298)	4 18.1	W 5 46.5	S 71 43.9
End of northern limit of penumbra	5 48.0	W166 04.6	S 58 28.5
○ Eclipse ends; last contact with Earth	6 09.8	W164 02.6	S 67 40.0