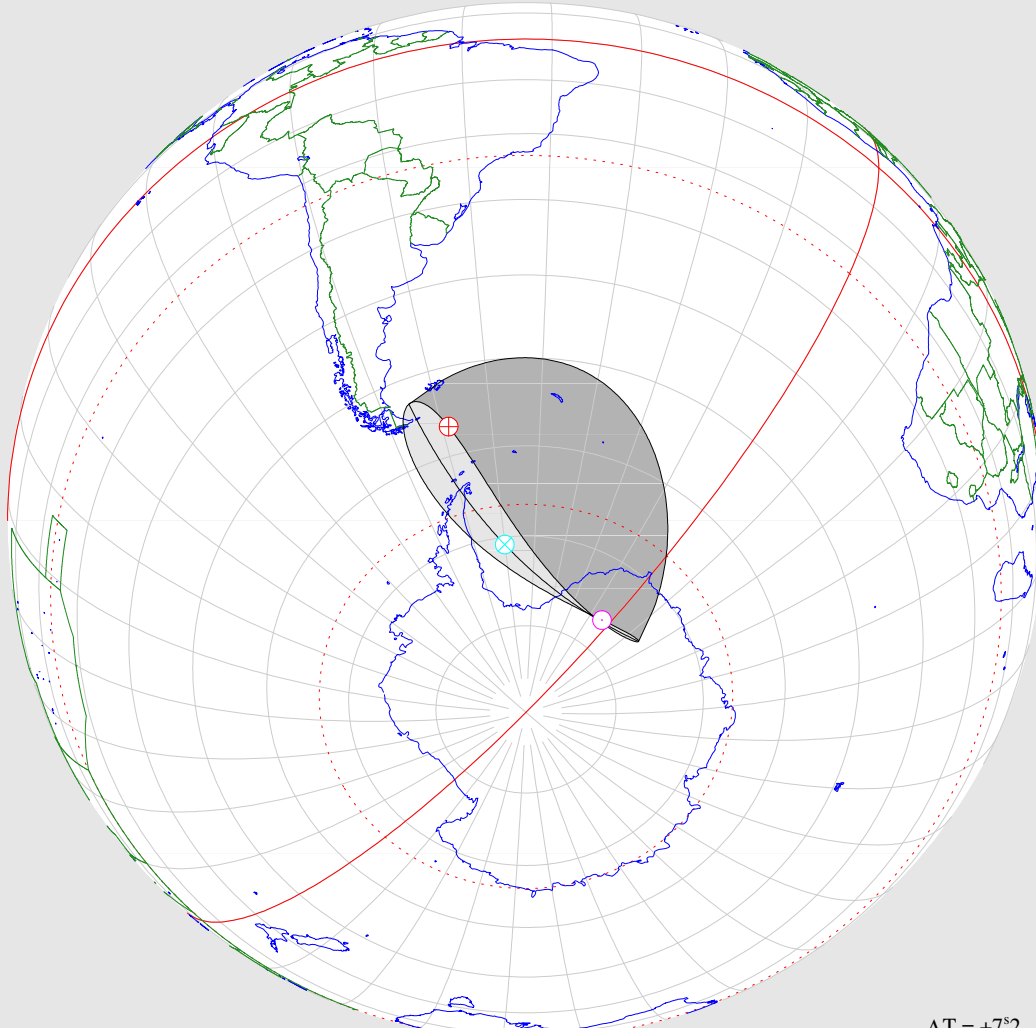


IV. - Partial Eclipse of the Sun

1830 August 18



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$\Delta T = +7^s.2$
Globe centred on W 42°9' and S 68°3'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	11	22.3	W 58	41.0	S 56	43.1
Beginning of northern limit of penumbra	11	35.6	W 64	52.9	S 52	54.2
⊗ Greatest eclipse (magnitude = 0.1171)	12	13.4	W 50	02.5	S 70	48.6
End of northern limit of penumbra	12	51.0	E 15	26.4	S 75	13.0
○ Eclipse ends; last contact with Earth	13	04.4	W 3	49.4	S 76	32.9