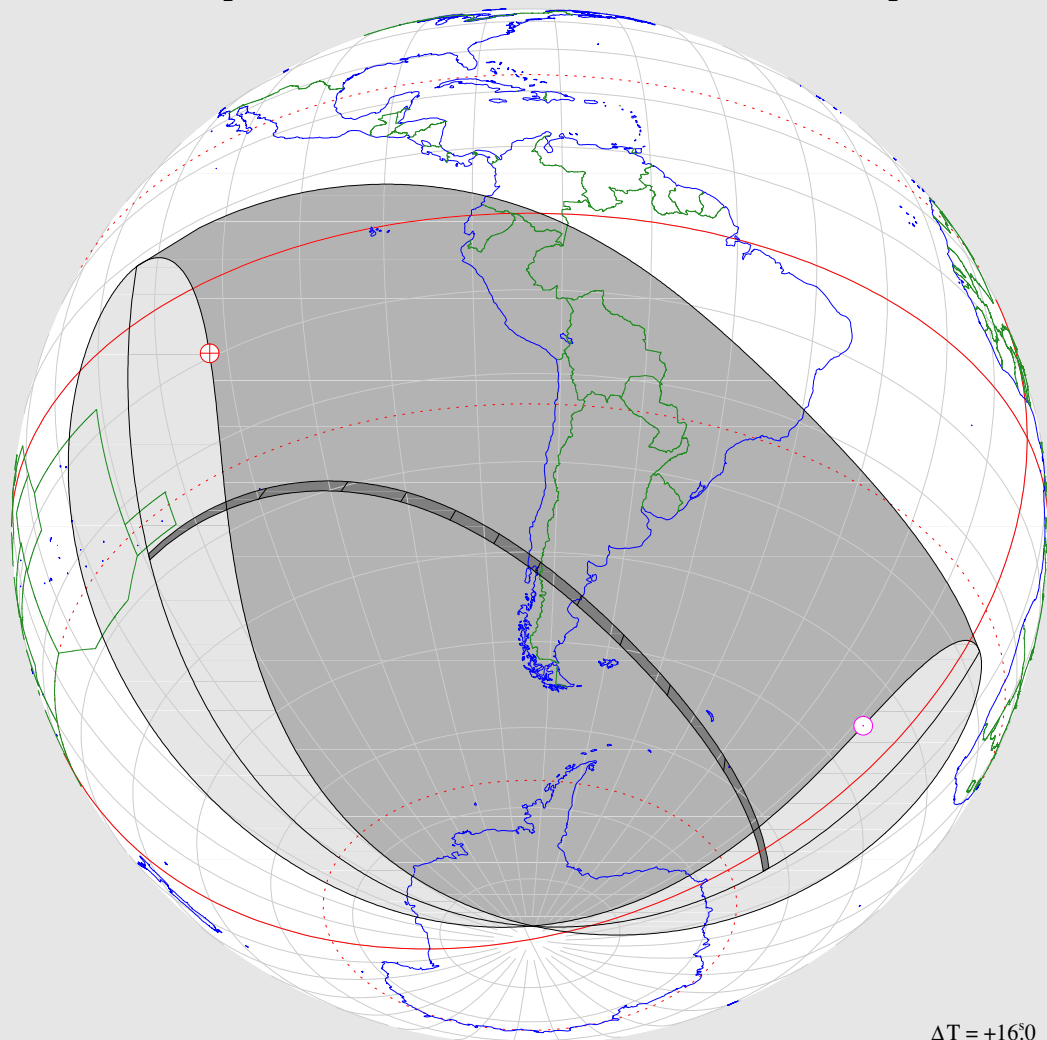


III. - Total Eclipse of the Sun

1773 September 16



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$\Delta T = +16^{\circ}0$
Globe centred on W 73°6 and S 37°2

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	13	25.7	W112	23.2	S 9	25.6
Beginning of northern limit of penumbra	14	07.9	W123	41.6	N 8	33.2
Beginning of northern limit of umbra	14	35.9	W129	07.4	S 26	43.3
Beginning of centre line; central eclipse begins	14	36.3	W129	12.8	S 27	03.4
Beginning of southern limit of umbra	14	36.7	W129	18.3	S 27	23.6
Central eclipse at local apparent noon	16	16.0	W 65	22.4	S 45	23.6
End of southern limit of umbra	17	07.2	E 7	12.9	S 62	51.5
End of centre line; central eclipse ends	17	07.6	E 7	10.1	S 62	30.2
End of northern limit of umbra	17	08.1	E 7	07.4	S 62	09.1
End of northern limit of penumbra	17	36.3	E 3	21.0	S 27	03.3
⊙ Eclipse ends; last contact with Earth	18	18.2	W 8	17.2	S 44	57.6