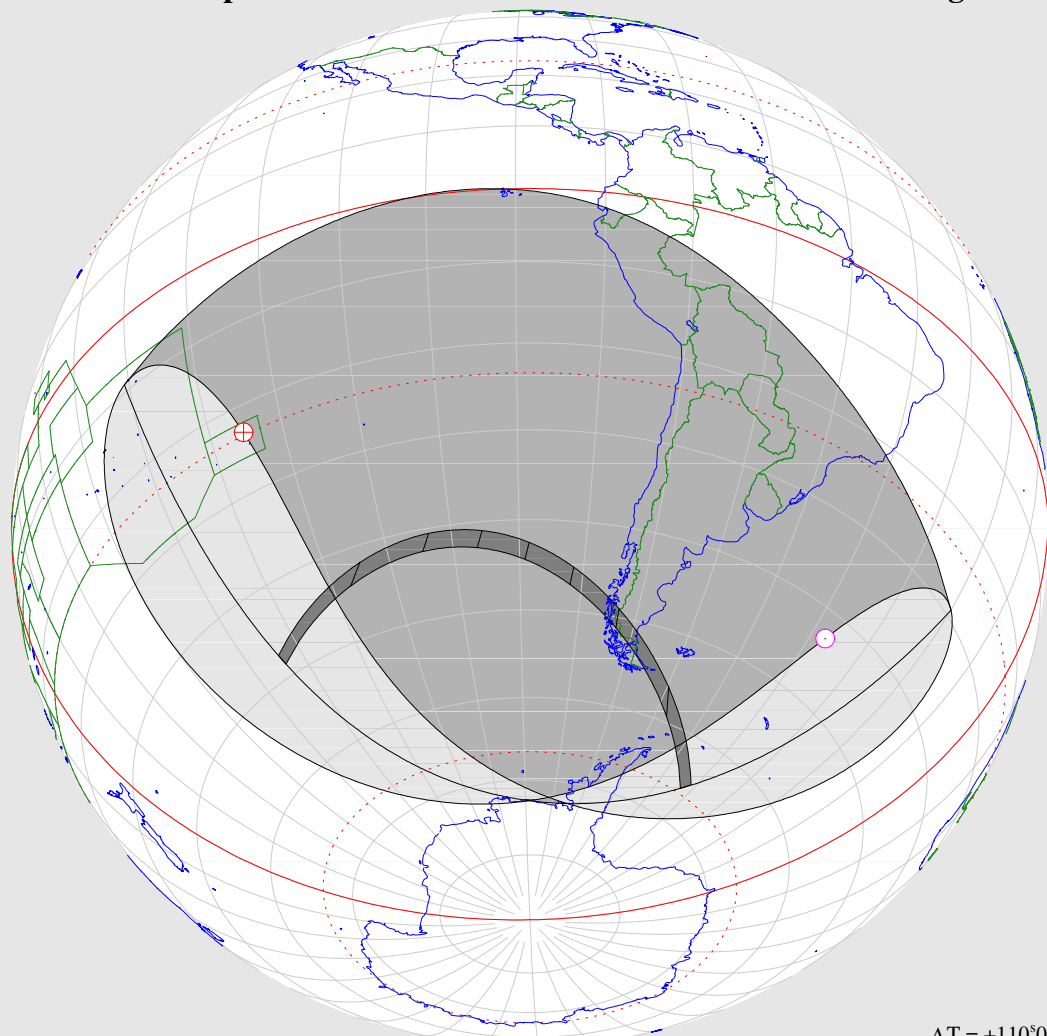


III. - Total Eclipse of the Sun

2073 August 03



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$\Delta T = +110^{\circ}0$
Globe centred on W 88°4 and S 41°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	14	58.0	W125	19.9	S 23	07.5
Beginning of northern limit of penumbra	15	40.6	W140	47.0	S 9	00.0
Beginning of northern limit of umbra	16	21.3	W134	08.6	S 47	21.0
Beginning of centre line; central eclipse begins	16	22.4	W133	57.9	S 47	57.7
Beginning of southern limit of umbra	16	23.5	W133	46.6	S 48	35.1
Central eclipse at local apparent noon	17	31.0	W 81	11.5	S 46	15.5
End of southern limit of umbra	18	03.3	W 43	03.1	S 65	55.5
End of centre line; central eclipse ends	18	04.4	W 42	05.3	S 65	25.5
End of northern limit of umbra	18	05.6	W 41	11.3	S 64	55.6
End of northern limit of penumbra	18	46.3	W 19	57.2	S 29	09.3
⊙ Eclipse ends; last contact with Earth	19	28.9	W 37	21.3	S 42	55.3