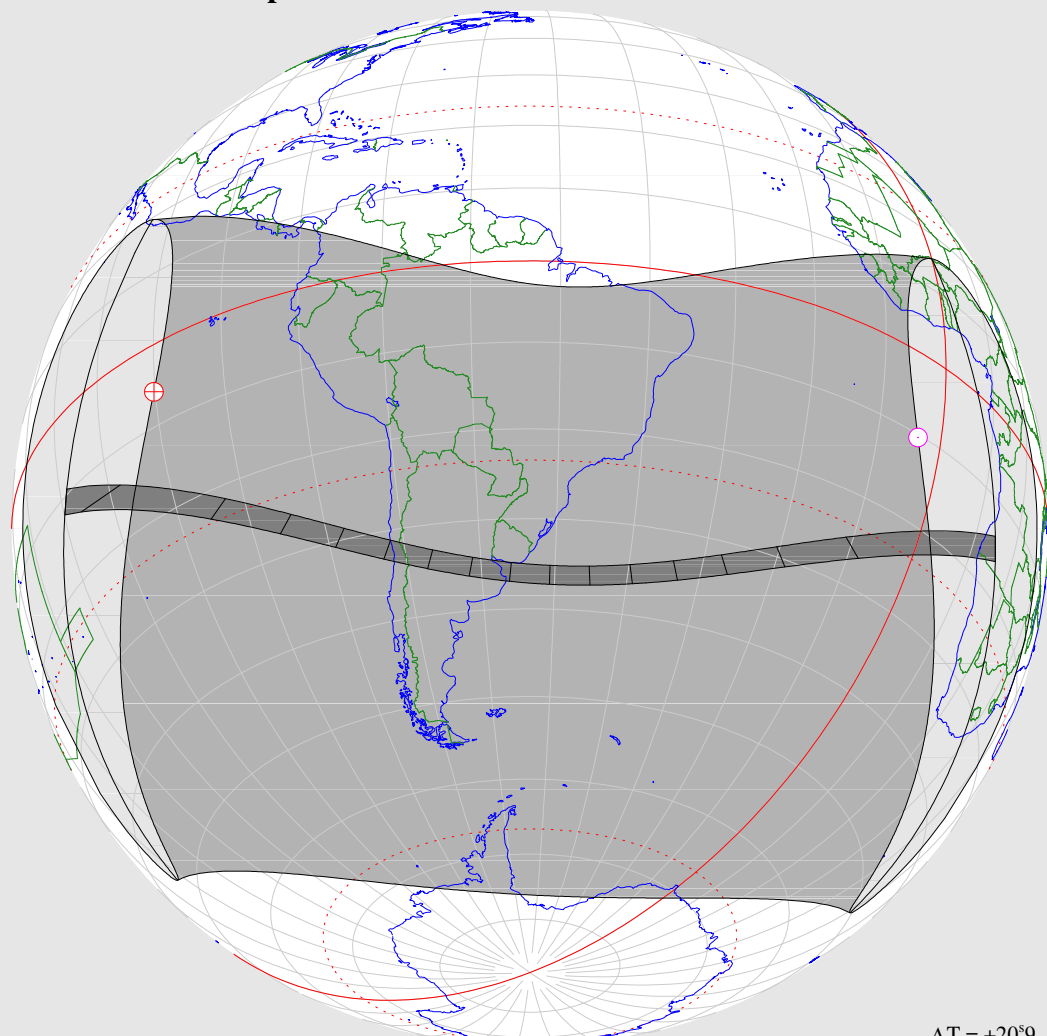


III. - Annular Eclipse of the Sun

1918 December 03



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$\Delta T = +20^s 9$
Globe centred on W 53°4 and S 31°1

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	12	21.1	W100	14.1	S 5	52.2
Beginning of northern limit of penumbra	13	18.7	W103	57.8	N19	34.8
Beginning of northern limit of umbra	13	27.5	W118	17.9	S 9	23.4
Beginning of centre line; central eclipse begins	13	28.6	W119	04.3	S 10	36.0
Beginning of southern limit of umbra	13	29.7	W119	51.8	S 11	49.0
Beginning of southern limit of penumbra	14	19.3	W152	39.6	S 46	29.8
Central eclipse at local apparent noon	15	22.8	W 53	16.6	S 36	05.0
End of southern limit of penumbra	16	24.0	E 50	49.2	S 50	26.5
End of southern limit of umbra	17	13.6	E 15	49.4	S 16	15.2
End of centre line; central eclipse ends	17	14.7	E 15	01.4	S 15	03.5
End of northern limit of umbra	17	15.8	E 14	14.5	S 13	52.2
End of northern limit of penumbra	17	24.6	W 0	00.9	N15	06.9
⊙ Eclipse ends; last contact with Earth	18	22.1	W 3	51.1	S 10	20.7