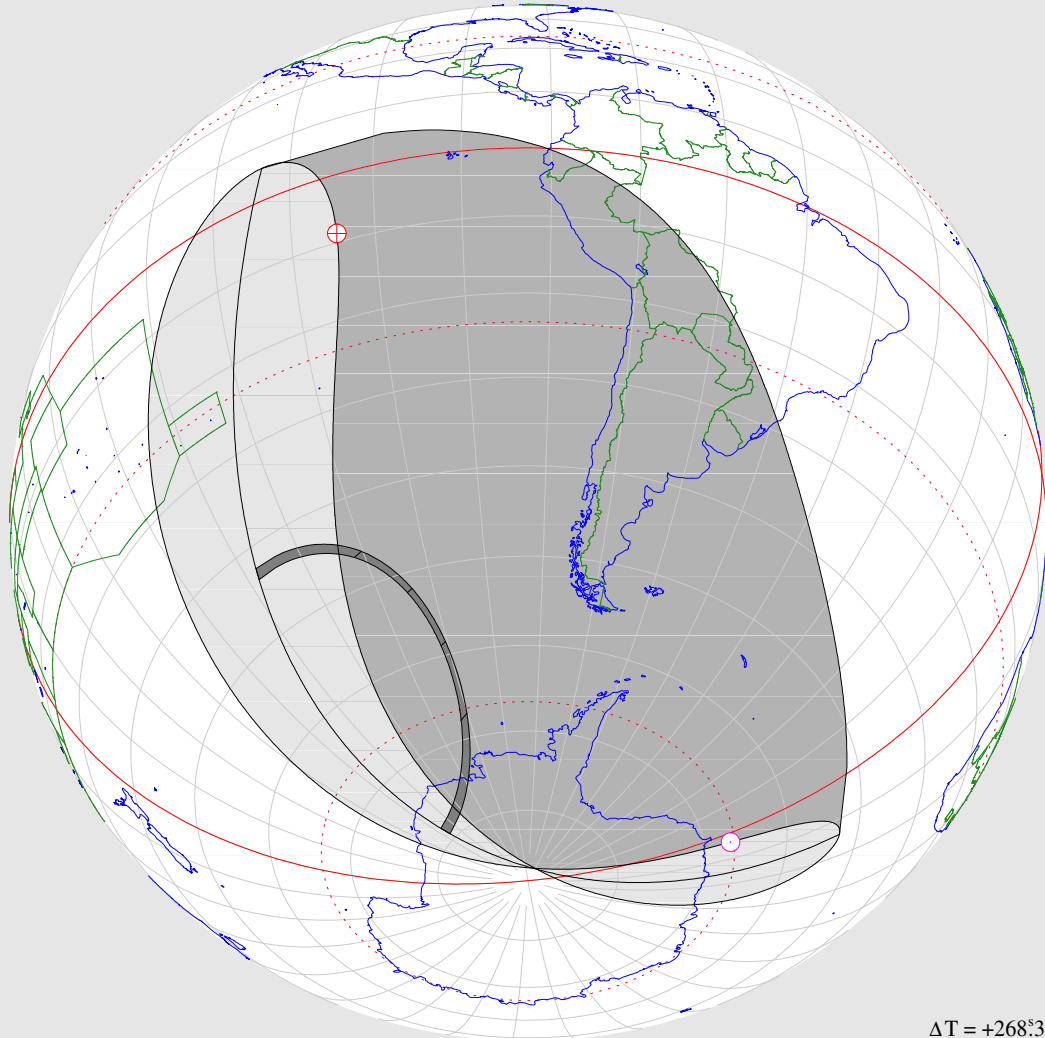


IV. - Annular Eclipse of the Sun

1504 September 08



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$\Delta T = +268^s.3$
Globe centred on W 82°6' and S 46°3'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	12	53.3	W104	30.4	S 8	44.3
Beginning of northern limit of penumbra	13	27.9	W113	39.8	N 5	34.2
Beginning of northern limit of umbra	14	32.5	W127	49.7	S 42	20.5
Beginning of centre line; central eclipse begins	14	33.6	W128	03.5	S 42	55.8
Beginning of southern limit of umbra	14	34.7	W128	17.7	S 43	32.3
End of southern limit of umbra	15	40.1	W137	14.4	S 78	05.0
End of centre line; central eclipse ends	15	41.3	W136	59.8	S 78	42.5
End of northern limit of umbra	15	42.4	W136	42.2	S 79	18.7
End of northern limit of penumbra	16	47.3	E 14	06.4	S 52	45.8
⊙ Eclipse ends; last contact with Earth	17	21.9	E 3	29.0	S 66	56.6