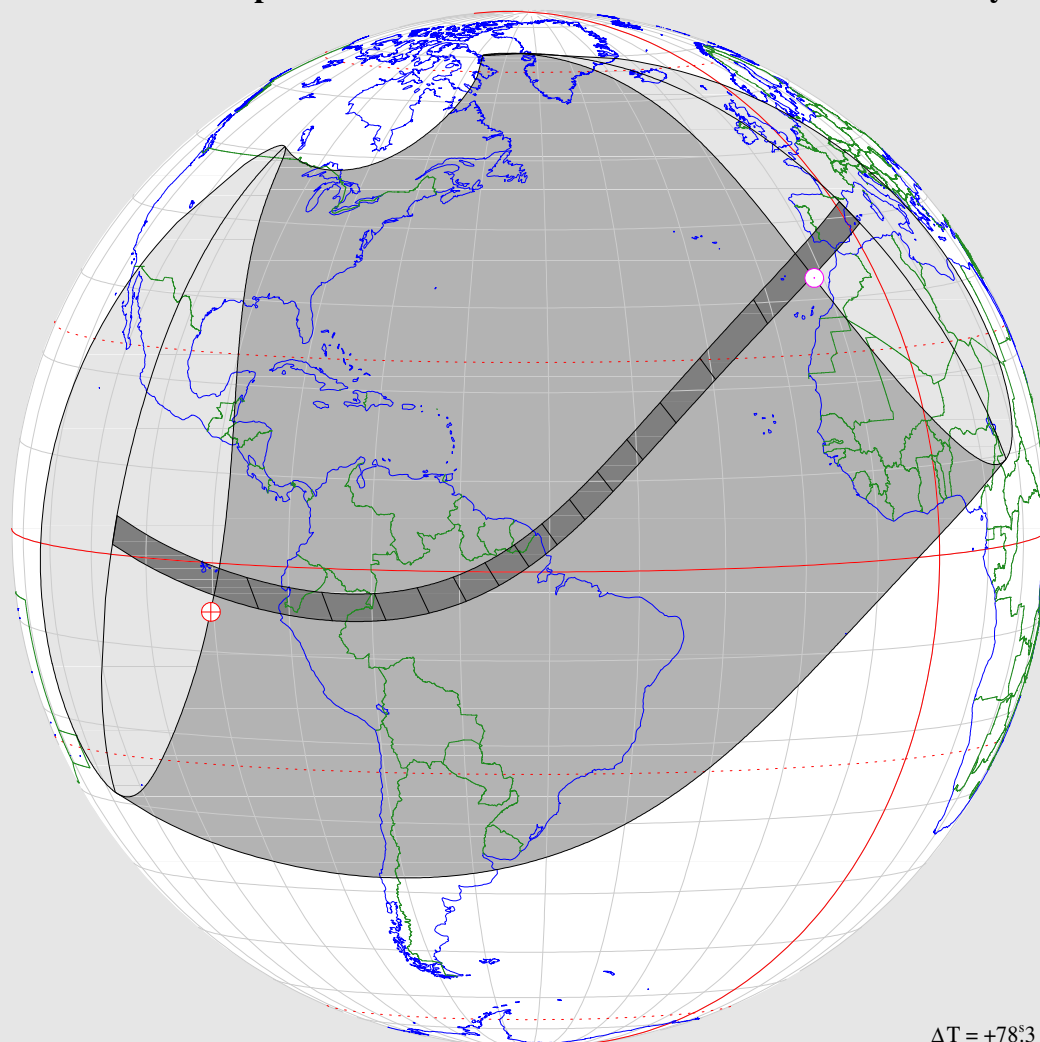


II. - Annular Eclipse of the Sun

2028 January 26



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$\Delta T = +78^s.3$
Globe centred on W 52°2' and N 4°8'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	12	06.6	W 90	23.9	S 5	28.7
Beginning of southern limit of umbra	13	17.5	W105	53.7	N 1	06.5
Beginning of centre line; central eclipse begins	13	18.3	W105	32.8	N 2	42.5
Beginning of northern limit of umbra	13	19.2	W105	13.1	N 4	19.7
Beginning of southern limit of penumbra	13	21.5	W117	58.0	S 28	41.8
Beginning of northern limit of penumbra	14	33.1	W100	36.3	N 50	47.0
Central eclipse at local apparent noon	15	24.6	W 48	03.1	N 5	51.8
End of northern limit of penumbra	15	41.6	W 68	08.1	N 70	35.6
End of southern limit of penumbra	16	54.0	E 16	22.9	N 9	28.5
End of northern limit of umbra	16	55.9	E 1	19.5	N 42	04.8
End of centre line; central eclipse ends	16	56.8	E 2	04.3	N 40	31.8
End of southern limit of umbra	16	57.6	E 2	47.4	N 38	59.4
⊙ Eclipse ends; last contact with Earth	18	08.7	W 11	34.1	N 32	37.3