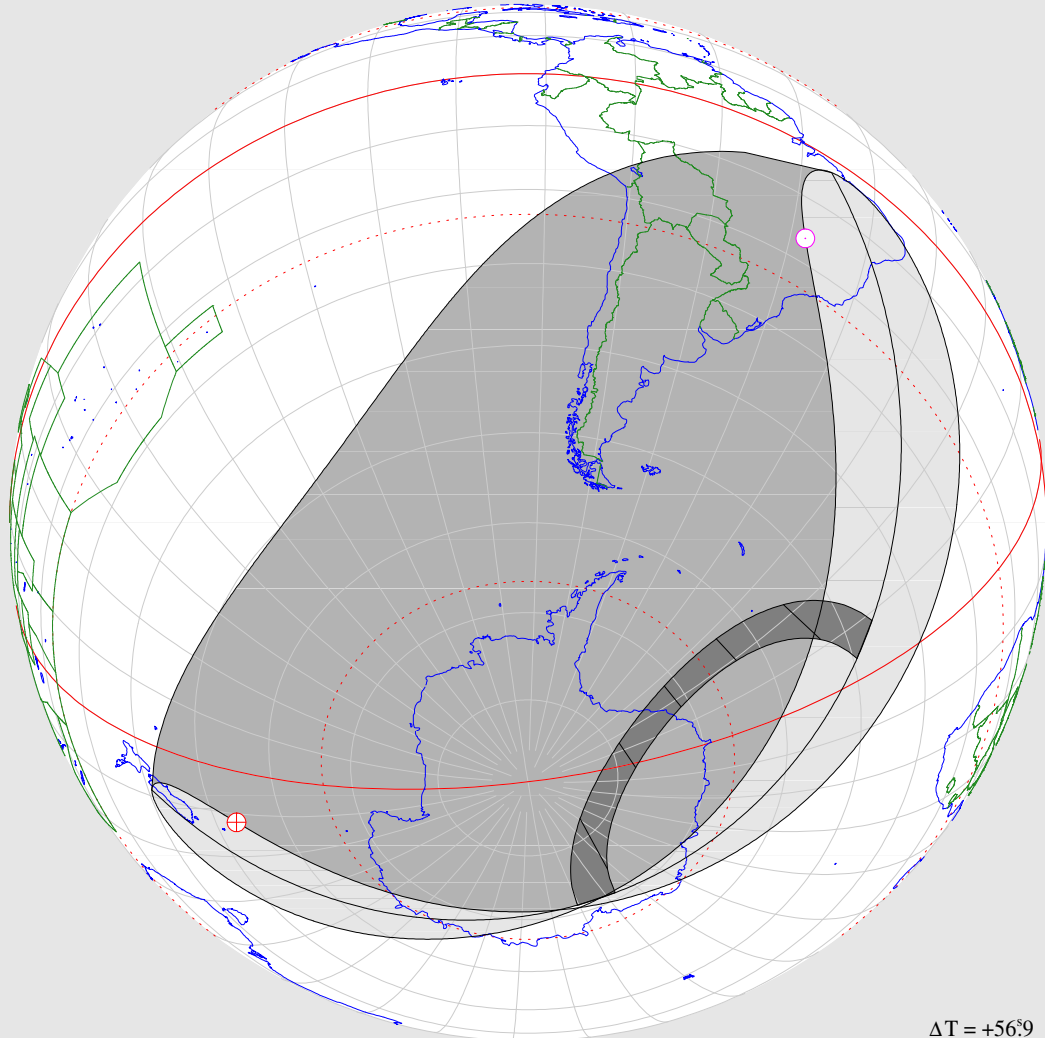


I. - Annular Eclipse of the Sun

1990 January 26



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$\Delta T = +56^s.9$
Globe centred on W 82°0 and S 60°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	17	13.3	E 167	57.5	S 53	14.4
Beginning of northern limit of penumbra	17	40.2	E 171	13.4	S 40	43.4
Beginning of northern limit of umbra	18	52.0	E 80	35.6	S 71	22.0
Beginning of centre line; central eclipse begins	18	55.4	E 74	00.2	S 71	17.6
Beginning of southern limit of umbra	18	59.2	E 66	49.3	S 71	00.8
End of southern limit of umbra	20	02.1	W 4	08.3	S 49	30.4
End of centre line; central eclipse ends	20	05.9	W 6	32.8	S 47	44.8
End of northern limit of umbra	20	09.2	W 8	38.0	S 46	08.6
End of northern limit of penumbra	21	20.8	W 46	05.3	S 2	52.8
⊙ Eclipse ends; last contact with Earth	21	47.7	W 48	05.6	S 16	23.4