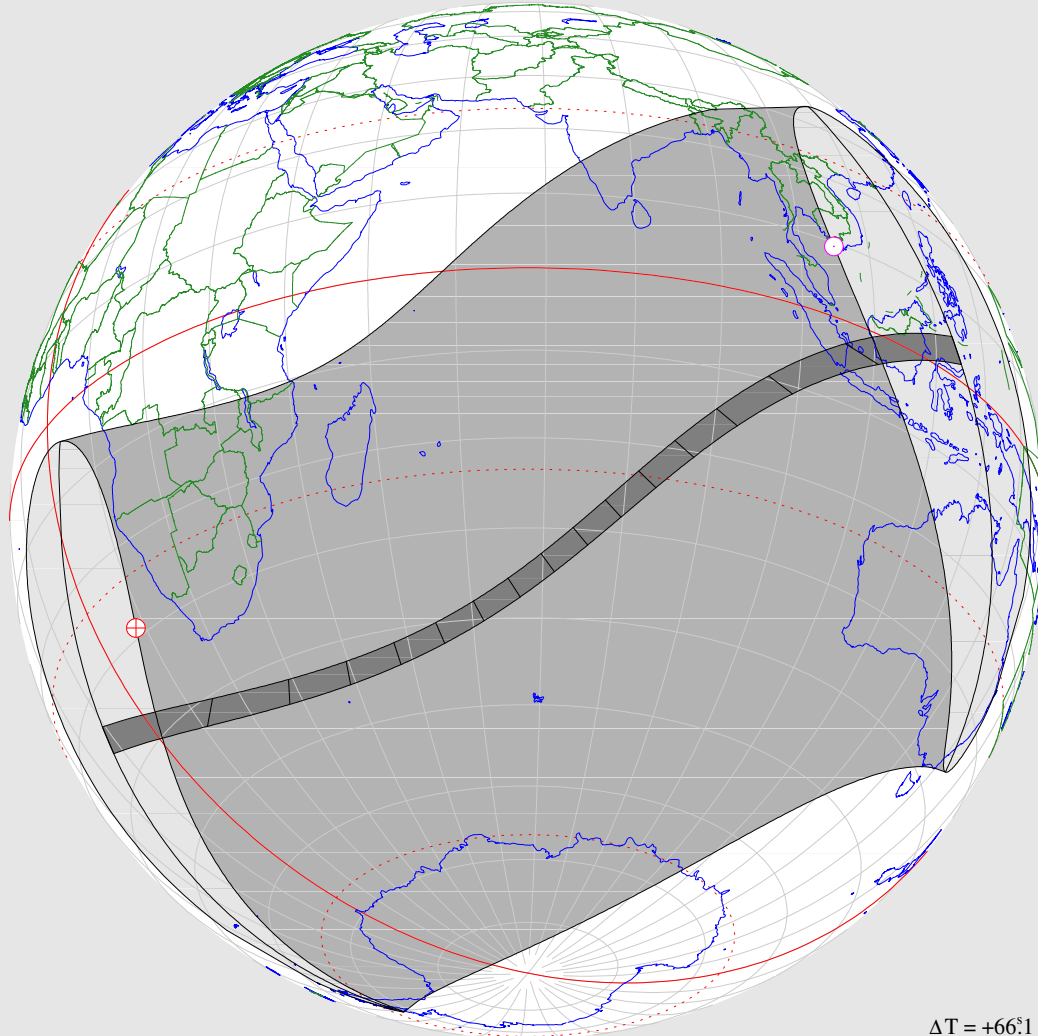


I. - Annular Eclipse of the Sun

2009 January 26



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$\Delta T = +66^s.1$
Globe centred on E 68°0 and S 29°2

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	4 56.6	E 8 13.5	S 28 54.7
Beginning of northern limit of penumbra	5 54.5	E 3 17.2	S 3 38.9
Beginning of northern limit of umbra	6 04.5	W 10 44.5	S 33 10.0
Beginning of centre line; central eclipse begins	6 05.8	W 11 46.0	S 34 33.4
Beginning of southern limit of umbra	6 07.2	W 12 50.2	S 35 57.3
Beginning of southern limit of penumbra	7 02.7	W 71 21.9	S 68 27.8
Central eclipse at local apparent noon	7 46.4	E 66 32.5	S 36 21.0
End of southern limit of penumbra	8 55.0	E 153 39.3	S 36 08.6
End of southern limit of umbra	9 50.2	E 124 48.7	N 2 16.4
End of centre line; central eclipse ends	9 51.6	E 123 59.7	N 3 42.0
End of northern limit of umbra	9 52.9	E 123 11.7	N 5 06.9
End of northern limit of penumbra	10 02.6	E 109 03.0	N 34 36.5
⊙ Eclipse ends; last contact with Earth	11 00.7	E 104 45.2	N 9 28.4