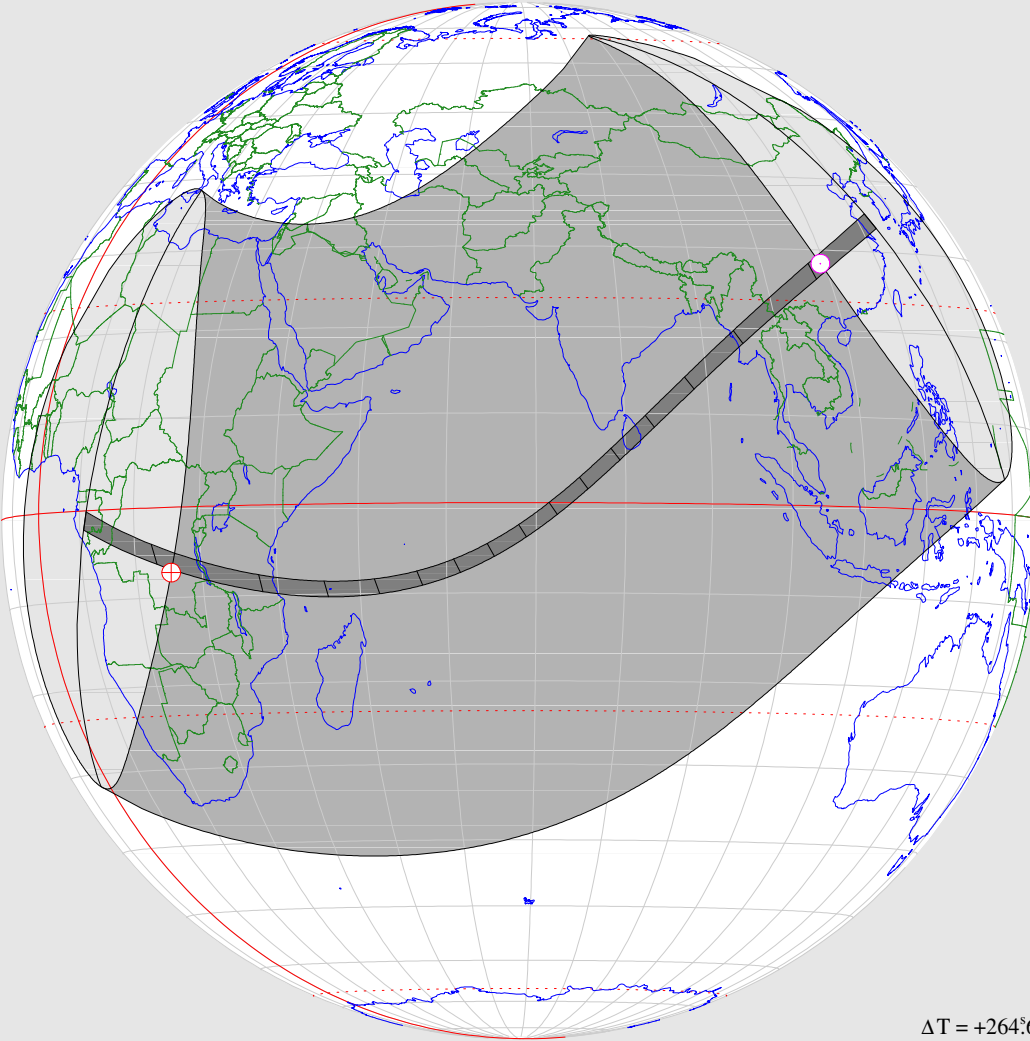


I. - Annular Eclipse of the Sun

1507 January 13



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$\Delta T = +264^s.6$
Globe centred on E 68°2 and S 2°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	4	20.3	E 25	29.8	S 7	13.6
Beginning of southern limit of umbra	5	26.5	E 10	48.1	S 2	07.3
Beginning of centre line; central eclipse begins	5	26.7	E 11	05.2	S 1	08.1
Beginning of northern limit of umbra	5	27.0	E 11	21.9	S 0	08.5
Beginning of southern limit of penumbra	5	35.1	W 3	19.0	S 31	32.1
Beginning of northern limit of penumbra	6	11.9	E 16	40.1	N 38	20.5
Central eclipse at local apparent noon	7	27.5	E 71	18.5	S 1	05.3
End of northern limit of penumbra	8	19.0	E 88	31.4	N 67	31.3
End of southern limit of penumbra	8	56.4	E 137	42.5	N 3	49.0
End of northern limit of umbra	9	04.2	E 122	31.6	N 35	09.0
End of centre line; central eclipse ends	9	04.6	E 122	58.8	N 34	10.1
End of southern limit of umbra	9	04.8	E 123	25.7	N 33	11.4
⊙ Eclipse ends; last contact with Earth	10	11.1	E 109	19.6	N 28	13.5