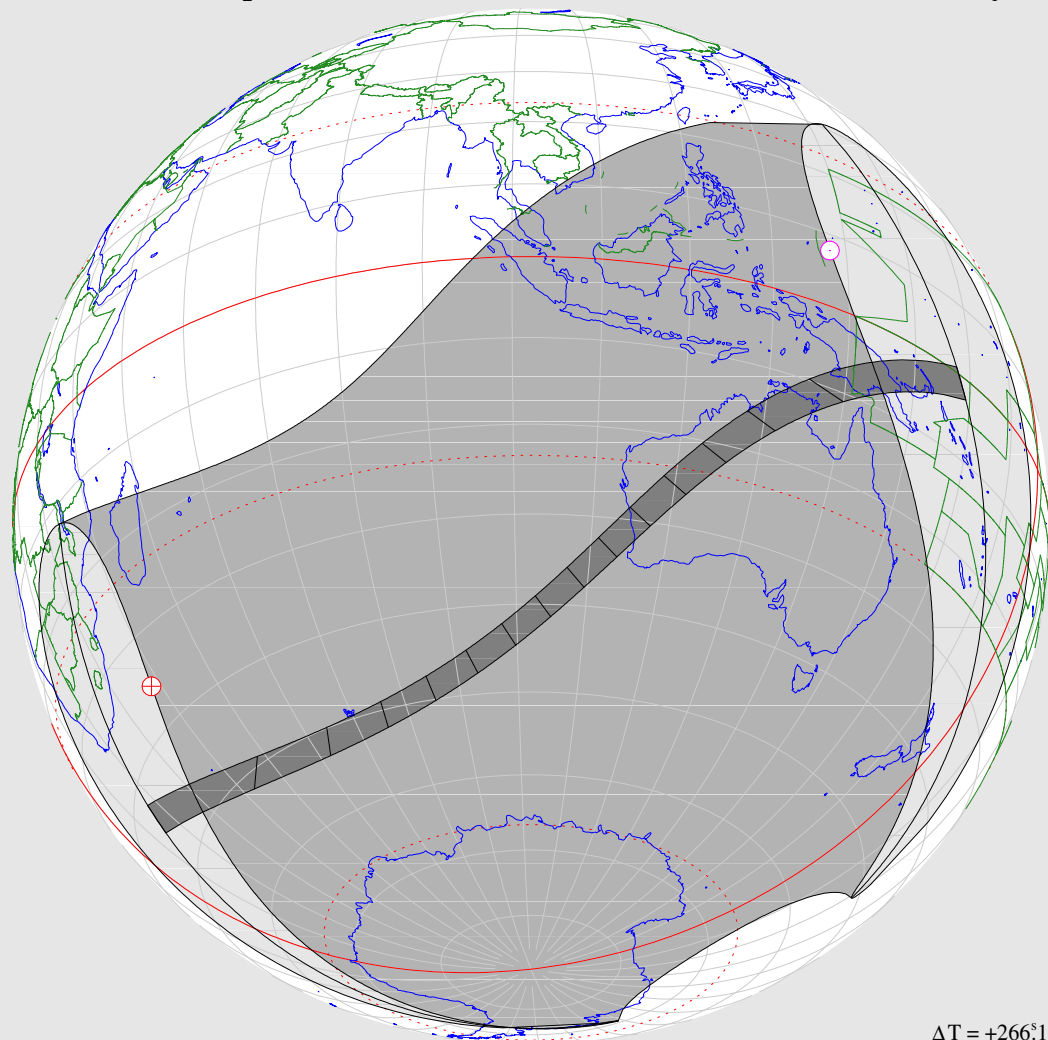


I. - Annular Eclipse of the Sun

1506 January 24



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$\Delta T = +266^s.1$
Globe centred on E 102°1 and S 31°4

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	2 52.5	E 38 09.4	S 35 24.7
Beginning of northern limit of penumbra	3 45.9	E 33 28.3	S 12 12.7
Beginning of northern limit of umbra	4 02.8	E 17 10.2	S 42 03.7
Beginning of centre line; central eclipse begins	4 04.6	E 15 48.5	S 43 37.3
Beginning of southern limit of umbra	4 06.5	E 14 21.7	S 45 11.7
Beginning of southern limit of penumbra	5 29.1	W108 36.8	S 70 47.2
Central eclipse at local apparent noon	5 34.0	E 100 11.1	S 42 31.6
End of southern limit of penumbra	6 18.7	W158 55.2	S 51 14.6
End of southern limit of umbra	7 40.9	E 159 14.3	S 2 34.5
End of centre line; central eclipse ends	7 42.8	E 158 16.1	S 0 55.0
End of northern limit of umbra	7 44.6	E 157 19.7	N 0 43.0
End of northern limit of penumbra	8 01.2	E 143 00.8	N 30 53.7
⊙ Eclipse ends; last contact with Earth	8 54.9	E 137 40.7	N 7 34.7