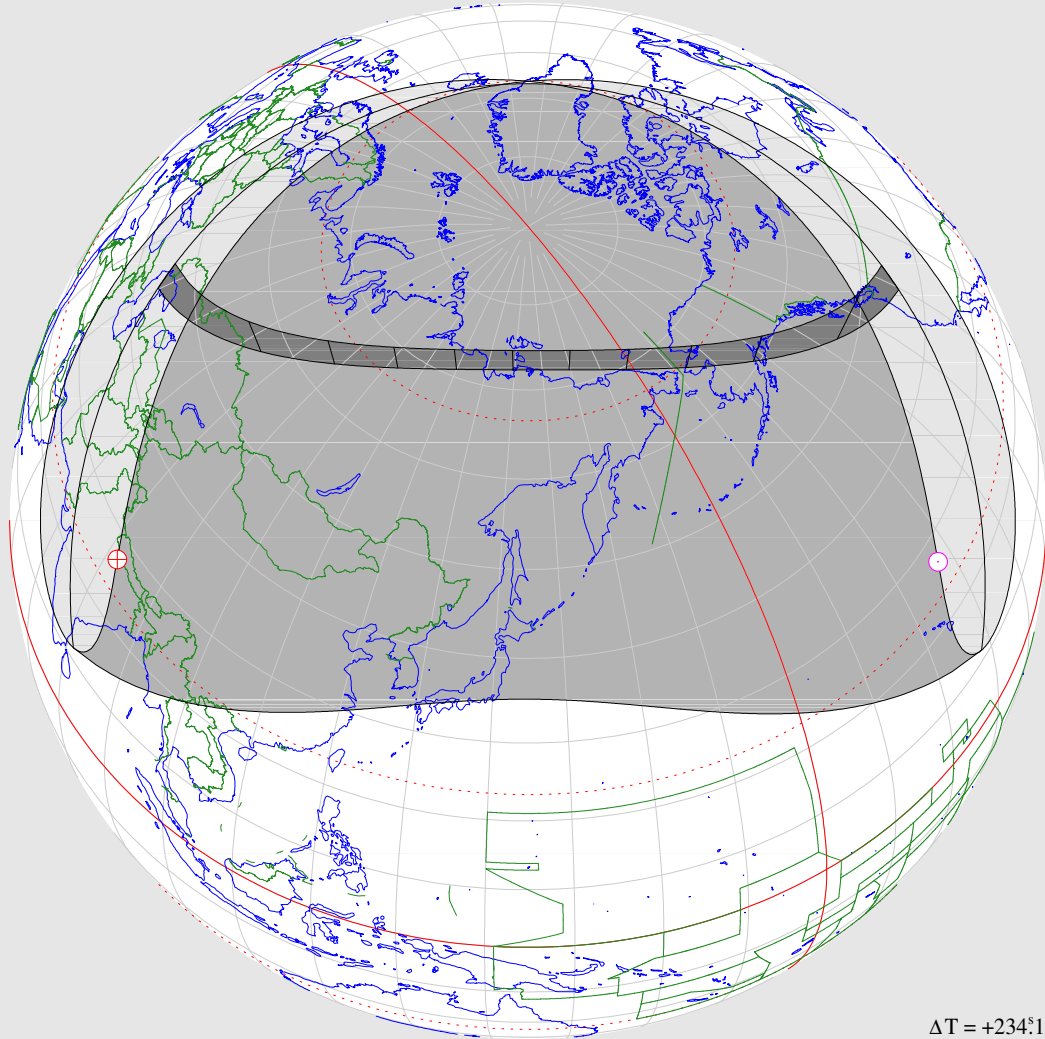


I. - Annular Eclipse of the Sun

1527 May 29-30



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$\Delta T = +234^s.1$
Globe centred on E 144°8 and N 55°4

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	23 40.4	E 81 54.4	N27 07.3
Beginning of southern limit of penumbra	0 12.9	E 81 16.0	N11 36.0
Beginning of southern limit of umbra	1 02.4	E 49 39.1	N44 13.9
Beginning of centre line; central eclipse begins	1 04.7	E 48 02.2	N45 21.6
Beginning of northern limit of umbra	1 07.1	E 46 19.3	N46 30.8
Central eclipse at local apparent noon	2 19.0	E 144 43.3	N73 24.7
End of northern limit of umbra	3 31.0	W116 59.4	N46 25.6
End of centre line; central eclipse ends	3 33.5	W118 43.3	N45 15.6
End of southern limit of umbra	3 35.8	W120 21.1	N44 07.0
End of southern limit of penumbra	4 25.2	W151 55.8	N11 28.7
⊙ Eclipse ends; last contact with Earth	4 57.8	W152 34.5	N27 00.3