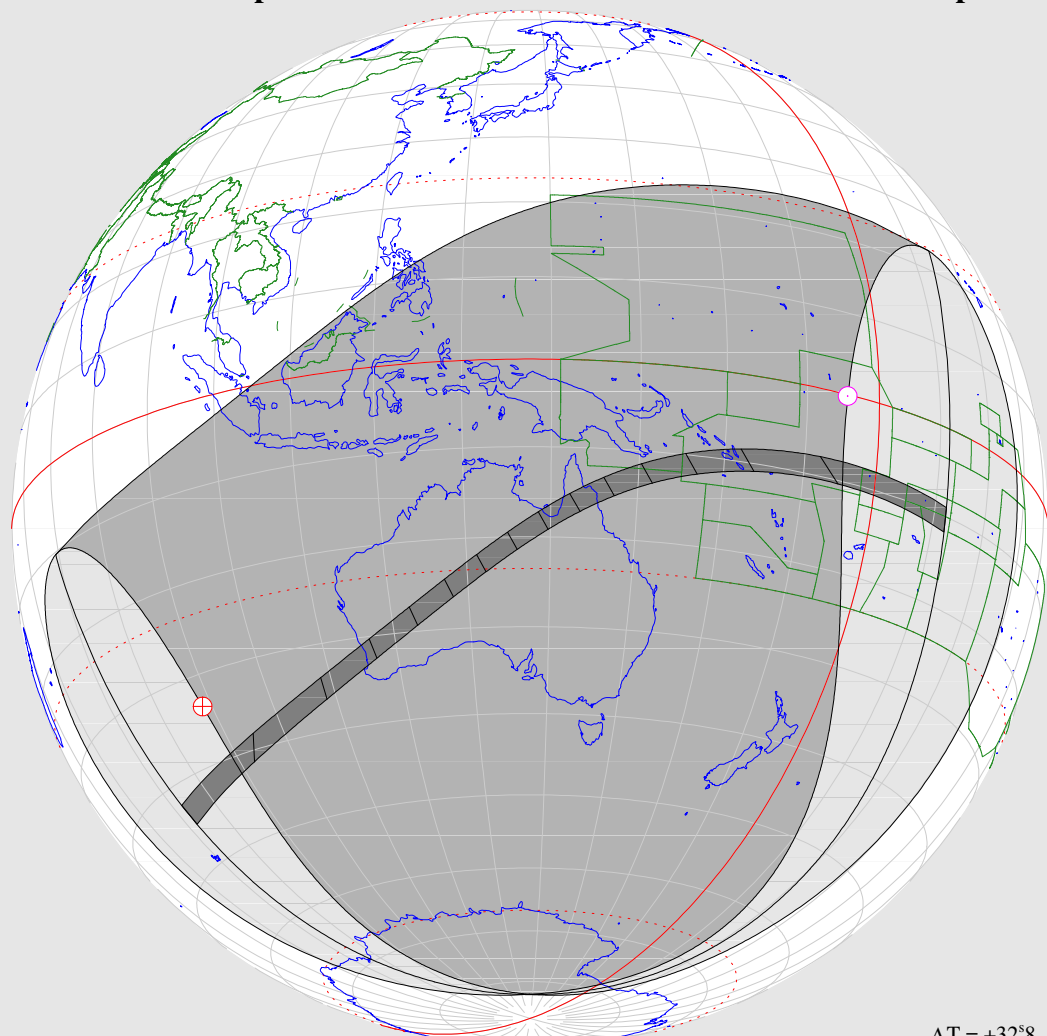


II. - Annular Eclipse of the Sun

1959 April 08



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$\Delta T = +32^s.8$
Globe centred on E 137°6' and S 19°1'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	0 26.9	E 88 22.9	S 33 29.2
Beginning of northern limit of penumbra	1 30.4	E 69 11.9	S 10 16.2
Beginning of northern limit of umbra	1 37.7	E 72 23.9	S 42 15.3
Beginning of centre line; central eclipse begins	1 38.8	E 72 25.4	S 43 35.7
Beginning of southern limit of umbra	1 40.0	E 72 27.0	S 44 57.0
Central eclipse at local apparent noon	3 07.5	E 133 40.1	S 21 35.9
End of southern limit of umbra	5 07.3	W167 44.7	S 11 43.2
End of centre line; central eclipse ends	5 08.5	W167 52.0	S 10 20.4
End of northern limit of umbra	5 09.6	W167 58.5	S 8 58.5
End of northern limit of penumbra	5 16.7	W165 40.1	N23 06.1
⊙ Eclipse ends; last contact with Earth	6 20.4	E 175 24.2	S 0 09.7