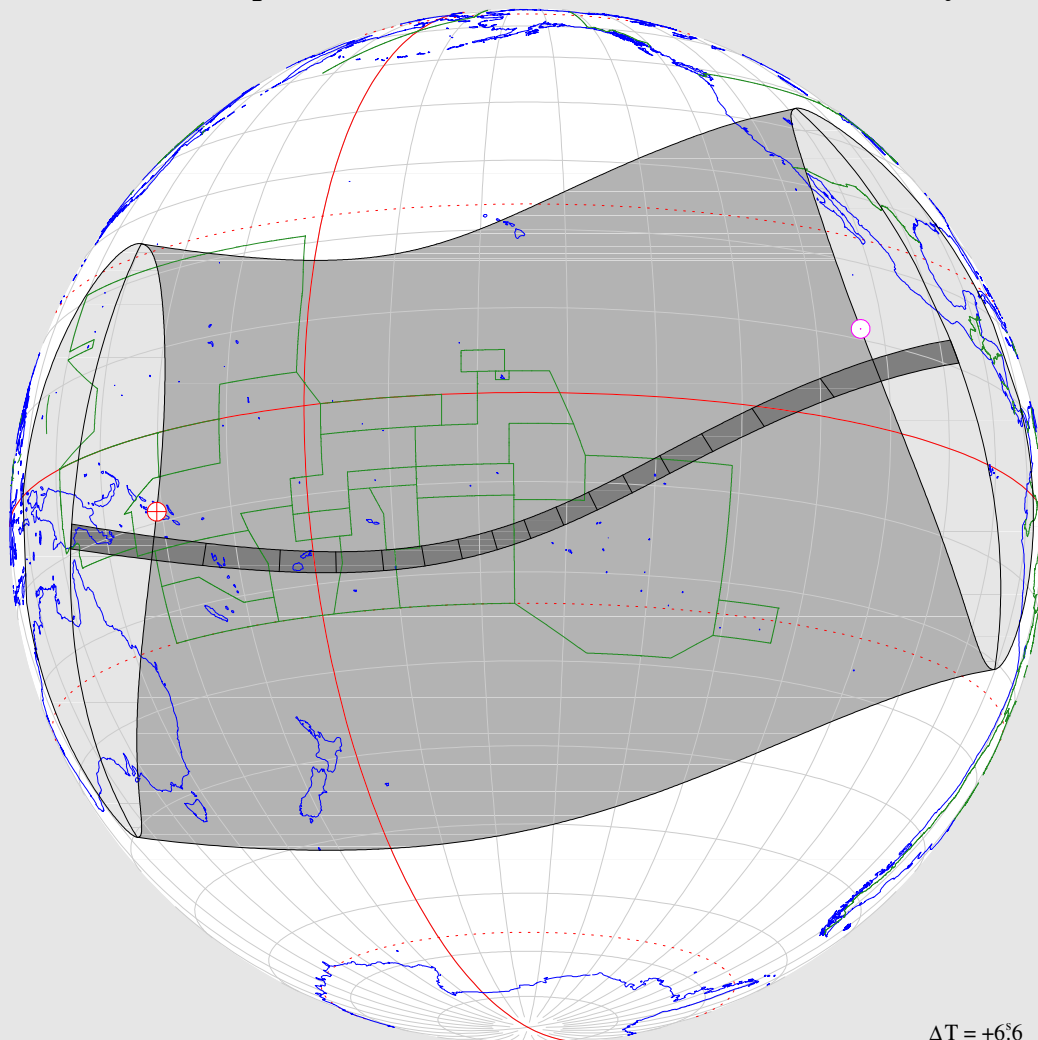


II. - Annular Eclipse of the Sun

1832 February 01-02



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$\Delta T = +6^s.6$
Globe centred on W 154°4 and S 15°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	19	26.3	E 159	09.4	S 8	46.5
Beginning of northern limit of umbra	20	32.8	E 143	09.6	S 6	47.2
Beginning of centre line; central eclipse begins	20	33.1	E 142	40.6	S 8	04.9
Beginning of southern limit of umbra	20	33.5	E 142	10.8	S 9	22.5
Beginning of northern limit of penumbra	20	47.6	E 149	59.8	N 25	21.3
Beginning of southern limit of penumbra	20	58.8	E 123	29.4	S 40	25.4
Central eclipse at local apparent noon	22	30.9	W 154	14.5	S 15	12.1
End of southern limit of penumbra	0	01.5	W 80	12.4	S 20	42.2
End of northern limit of penumbra	0	12.3	W 107	30.9	N 44	54.1
End of southern limit of umbra	0	26.7	W 96	33.8	N 10	44.7
End of centre line; central eclipse ends	0	27.1	W 97	03.5	N 12	01.2
End of northern limit of umbra	0	27.4	W 97	32.6	N 13	17.7
⊙ Eclipse ends; last contact with Earth	1	33.8	W 113	30.9	N 11	19.7