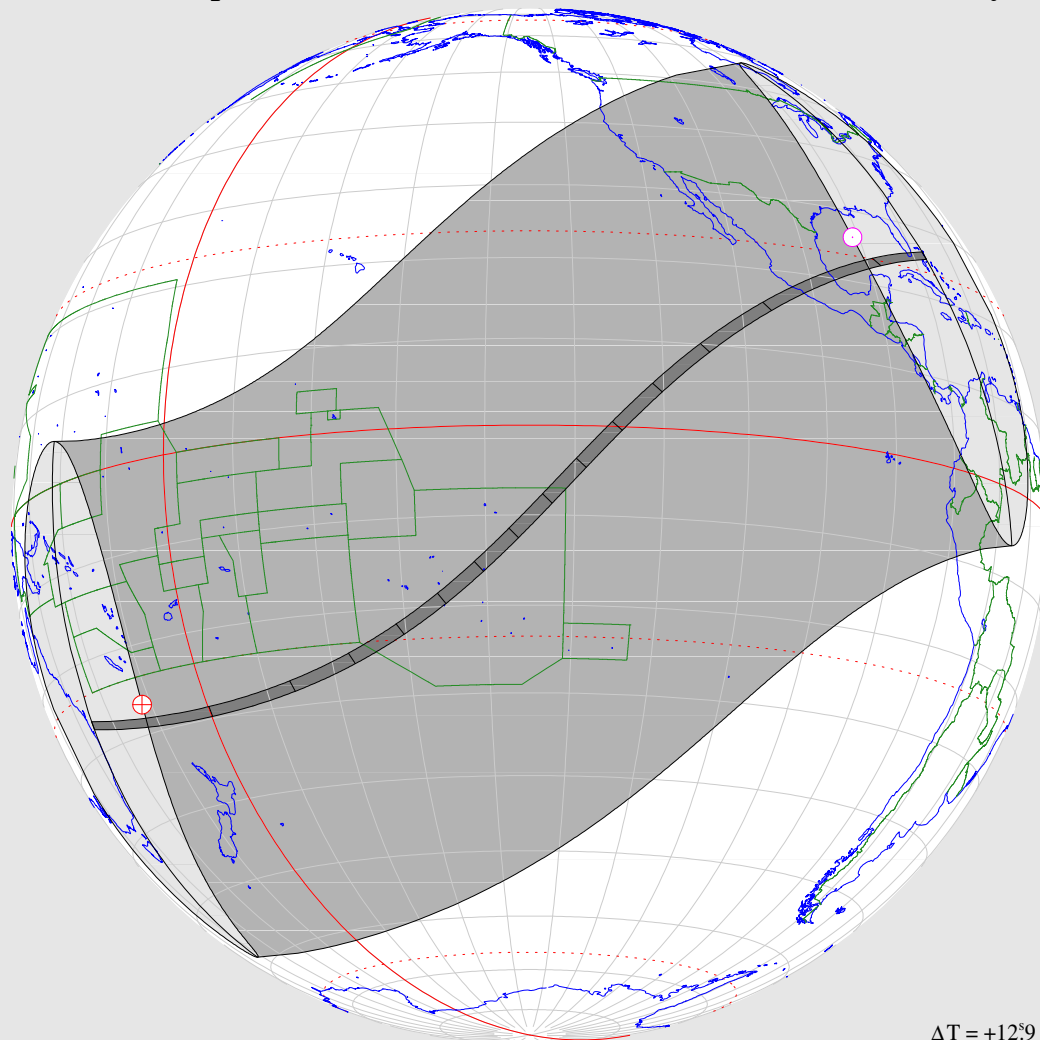


II. - Total Eclipse of the Sun

1803 February 21



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$\Delta T = +12:9$
Globe centred on W 135°0 and S 11°3

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	18	39.6	E 168	10.9	S 26	36.7
Beginning of northern limit of umbra	19	35.2	E 154	22.2	S 26	18.2
Beginning of centre line; central eclipse begins	19	35.2	E 154	14.4	S 26	46.1
Beginning of southern limit of umbra	19	35.3	E 154	06.5	S 27	14.0
Beginning of northern limit of penumbra	19	46.6	E 157	50.6	N 5	10.8
Beginning of southern limit of penumbra	19	55.8	E 136	49.2	S 58	15.9
Central eclipse at local apparent noon	21	18.1	W 136	02.1	S 11	12.5
End of southern limit of penumbra	22	41.6	W 65	44.6	S 6	11.8
End of northern limit of penumbra	22	50.1	W 86	02.0	N 57	18.2
End of southern limit of umbra	23	01.8	W 77	04.2	N 25	28.4
End of centre line; central eclipse ends	23	01.8	W 77	12.1	N 25	56.8
End of northern limit of umbra	23	01.9	W 77	19.8	N 26	25.3
⊙ Eclipse ends; last contact with Earth	23	57.4	W 91	08.0	N 26	06.2