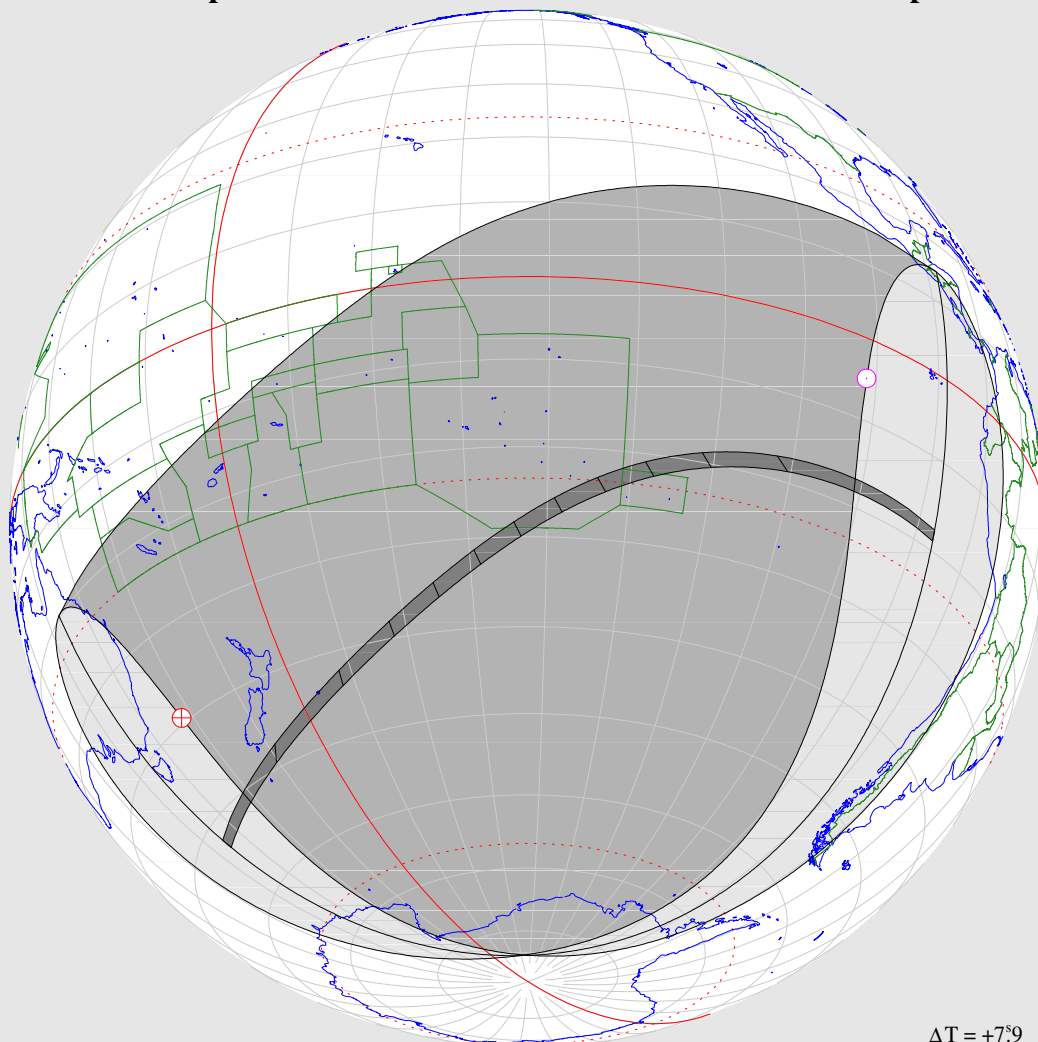


II. - Total Eclipse of the Sun

1829 April 03-04



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$\Delta T = +7^s.9$
Globe centred on W 142°4 and S 29°1

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	19	50.1	E 157	46.9	S 39	22.1
Beginning of northern limit of penumbra	20	36.6	E 143	37.7	S 19	42.7
Beginning of northern limit of umbra	20	53.2	E 144	33.5	S 51	58.6
Beginning of centre line; central eclipse begins	20	53.8	E 144	33.7	S 52	35.8
Beginning of southern limit of umbra	20	54.4	E 144	33.9	S 53	13.2
Central eclipse at local apparent noon	21	59.7	W 149	07.0	S 32	08.4
End of southern limit of umbra	23	42.7	W 86	46.3	S 18	56.1
End of centre line; central eclipse ends	23	43.3	W 86	51.7	S 18	19.1
End of northern limit of umbra	23	44.0	W 86	56.9	S 17	42.4
End of northern limit of penumbra	0	00.3	W 87	48.9	N 14	44.6
⊙ Eclipse ends; last contact with Earth	0	47.0	W 101	25.7	S 4	59.4