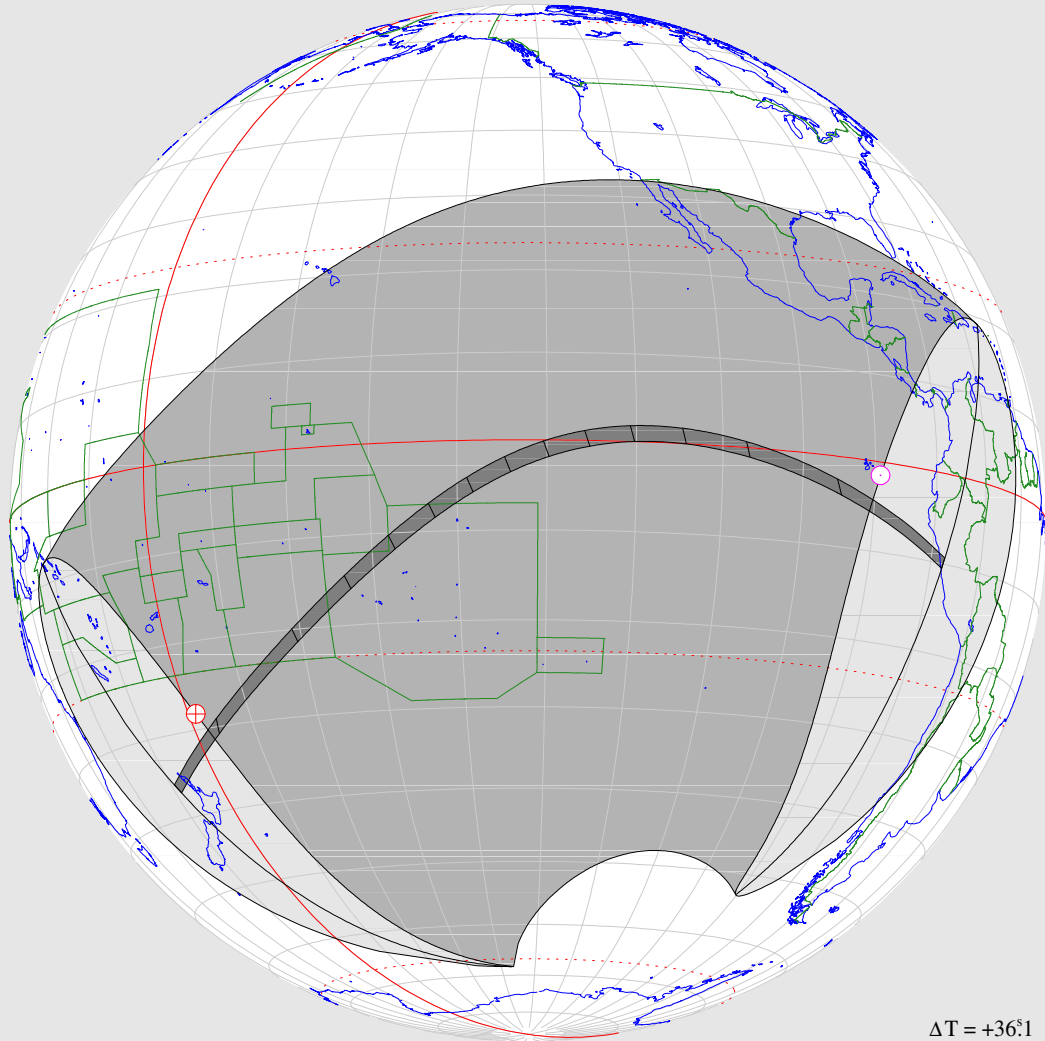


I. - Total Eclipse of the Sun

1965 May 30



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$\Delta T = +36^s 1$
Globe centred on W 132°1 and S 9°2

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	18	41.8	W178	43.5	S 28	09.3
Beginning of northern limit of umbra	19	41.5	E 170	43.4	S 35	43.9
Beginning of northern limit of penumbra	19	41.6	E 157	04.5	S 7	44.7
Beginning of centre line; central eclipse begins	19	41.8	E 171	00.2	S 36	17.3
Beginning of southern limit of umbra	19	42.2	E 171	17.1	S 36	50.8
Beginning of southern limit of penumbra	20	44.7	W136	21.1	S 68	06.1
Central eclipse at local apparent noon	21	05.5	W137	00.8	S 4	03.5
End of southern limit of penumbra	21	49.5	W 90	16.2	S 53	05.0
End of southern limit of umbra	22	51.7	W 77	50.1	S 10	30.6
End of centre line; central eclipse ends	22	52.1	W 77	40.1	S 9	54.5
End of northern limit of penumbra	22	52.1	W 65	42.3	N 19	02.9
End of northern limit of umbra	22	52.4	W 77	30.0	S 9	18.7
⊙ Eclipse ends; last contact with Earth	23	52.0	W 89	13.8	S 1	30.0