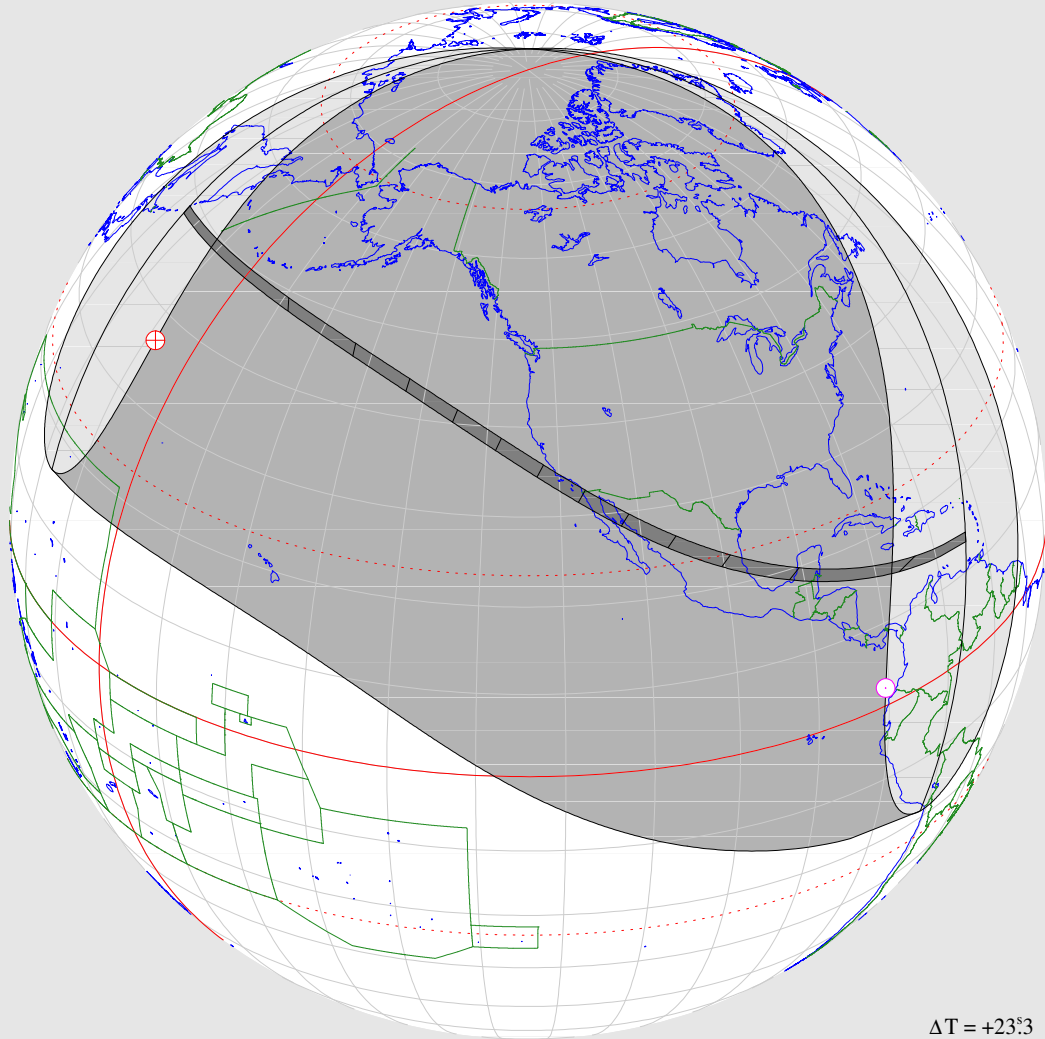


IV. - Total Eclipse of the Sun

1923 September 10



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ΔT = +23:3
Globe centred on W 124°2 and N 29°6

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	18	14.3	E 171	51.3	N 36	51.3
Beginning of southern limit of penumbra	18	59.2	E 163	00.4	N 15	58.3
Beginning of southern limit of umbra	19	16.4	E 154	30.7	N 47	46.9
Beginning of centre line; central eclipse begins	19	16.9	E 154	17.3	N 48	16.4
Beginning of northern limit of umbra	19	17.4	E 154	03.6	N 48	46.0
Central eclipse at local apparent noon	20	30.2	W 128	16.0	N 37	57.8
End of northern limit of umbra	22	16.9	W 63	40.3	N 14	14.1
End of centre line; central eclipse ends	22	17.4	W 63	51.0	N 13	43.1
End of southern limit of umbra	22	18.0	W 64	01.6	N 13	12.2
End of southern limit of penumbra	22	34.9	W 71	10.1	S 18	41.1
⊙ Eclipse ends; last contact with Earth	23	19.9	W 80	31.4	N 2	14.5