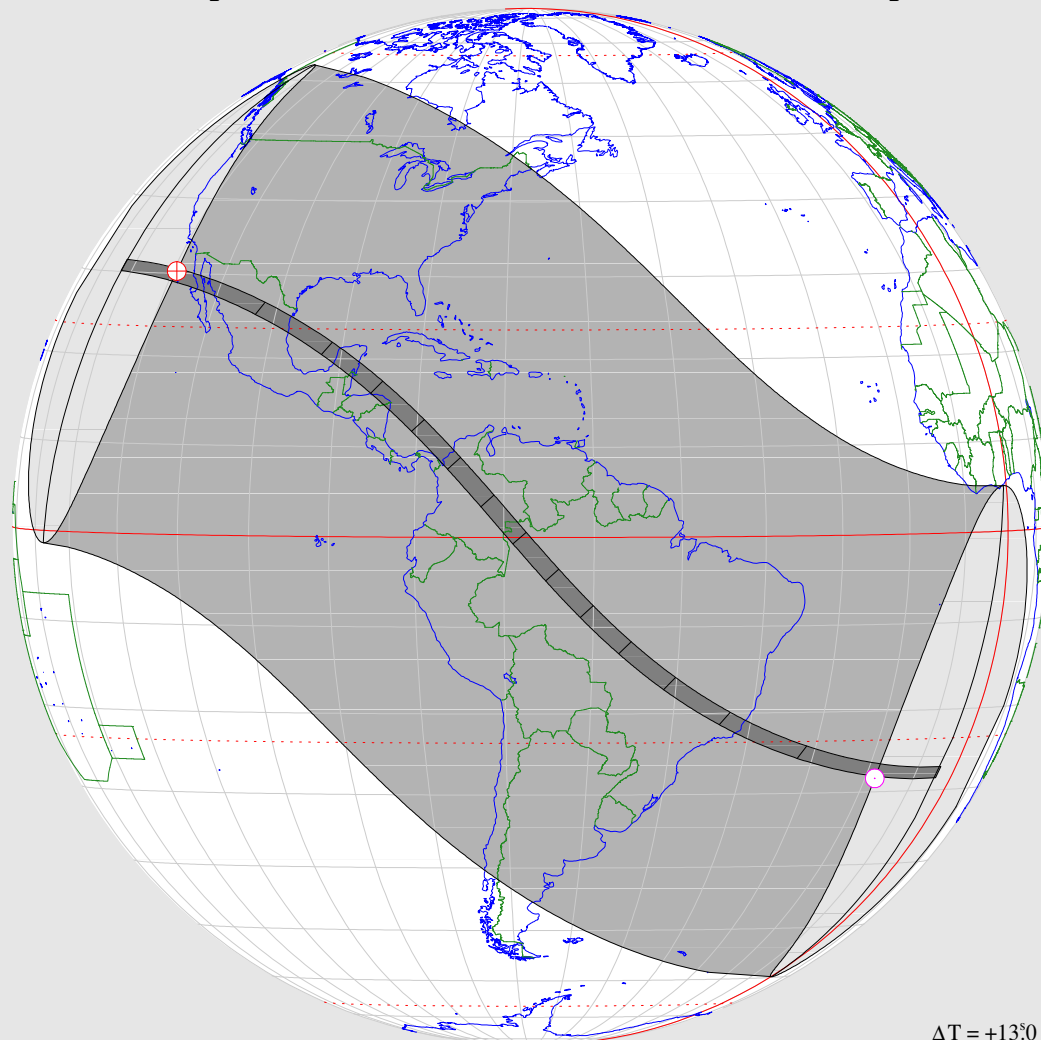


V. - Total Eclipse of the Sun

1745 September 25



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ΔT = +13'0
Globe centred on W 67°0 and N 1°2

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	13	51.1	W119	18.4	N30	16.7
Beginning of southern limit of umbra	14	46.0	W133	01.9	N30	06.0
Beginning of centre line; central eclipse begins	14	46.0	W133	01.1	N30	48.9
Beginning of northern limit of umbra	14	46.0	W133	00.7	N31	31.8
Beginning of southern limit of penumbra	15	00.3	W137	14.5	S 1	22.0
Beginning of northern limit of penumbra	15	03.5	W135	56.4	N63	27.5
Central eclipse at local apparent noon	16	27.1	W 68	55.7	N 0	42.7
End of northern limit of penumbra	17	54.3	W 0	49.3	N 5	01.7
End of southern limit of penumbra	17	56.7	E 0	32.0	S 59	49.2
End of northern limit of umbra	18	11.4	W 4	26.5	S 27	00.9
End of southern limit of umbra	18	11.4	W 4	25.1	S 28	26.4
End of centre line; central eclipse ends	18	11.4	W 4	26.0	S 27	43.7
⊙ Eclipse ends; last contact with Earth	19	06.3	W 18	08.8	S 28	15.9