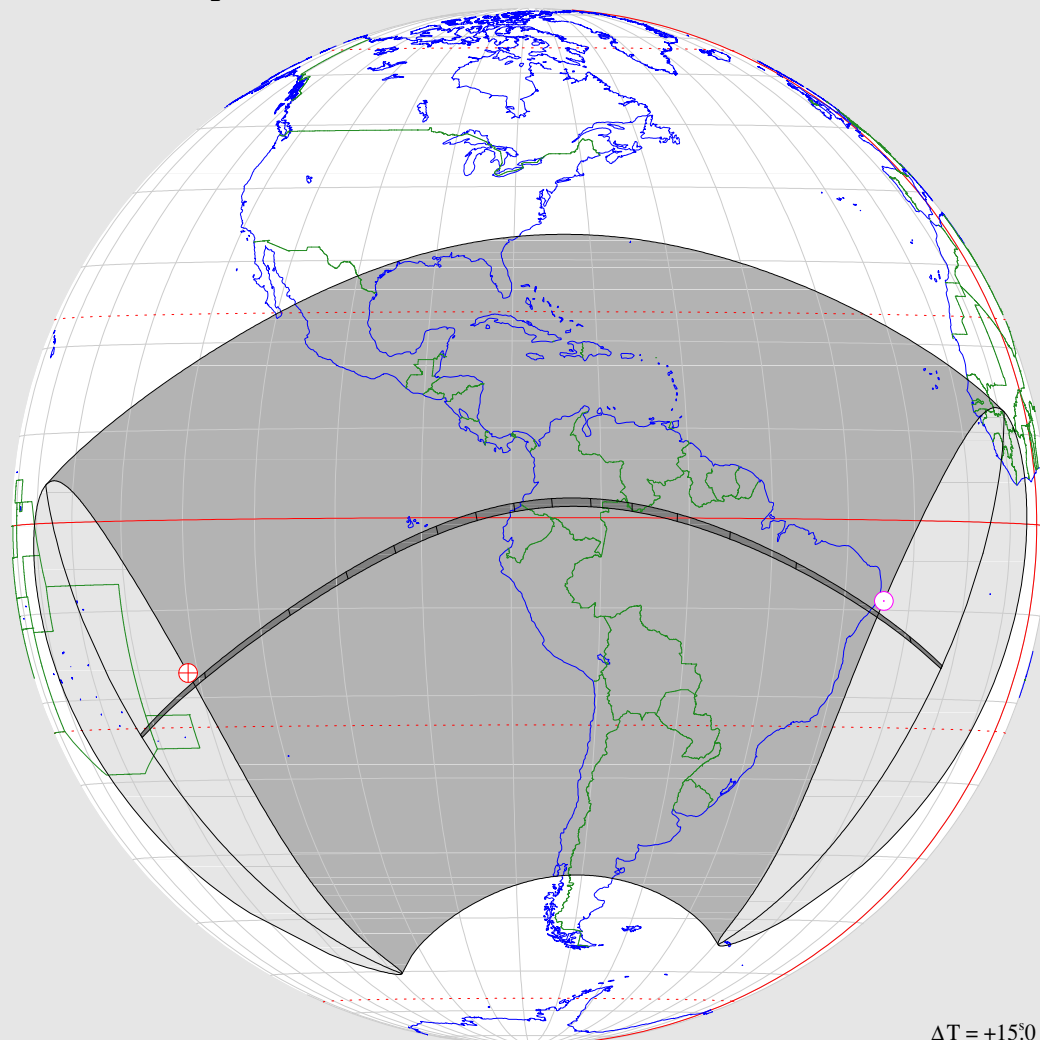


## II. - Total Eclipse of the Sun

1759 June 24



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$\Delta T = +15^s$   
Globe centred on W 77°9' and S 1°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	14	38.7	W121	32.9	S 17	07.7
Beginning of northern limit of umbra	15	40.4	W133	24.4	S 24	11.8
Beginning of centre line; central eclipse begins	15	40.5	W133	19.4	S 24	23.4
Beginning of southern limit of umbra	15	40.5	W133	14.5	S 24	35.0
Beginning of northern limit of penumbra	15	44.1	W147	25.3	N 4	14.3
Beginning of southern limit of penumbra	16	33.1	W107	55.9	S 60	27.0
Central eclipse at local apparent noon	17	17.5	W 78	56.0	N 1	14.5
End of southern limit of penumbra	18	08.4	W 39	09.4	S 54	32.5
End of northern limit of penumbra	18	57.3	W 8	23.0	N12	26.6
End of southern limit of umbra	19	00.9	W 22	09.1	S 16	28.7
End of northern limit of umbra	19	01.1	W 22	01.4	S 16	07.8
End of centre line; central eclipse ends	19	01.0	W 22	05.2	S 16	18.3
⊙ Eclipse ends; last contact with Earth	20	02.8	W 34	10.6	S 8	58.1