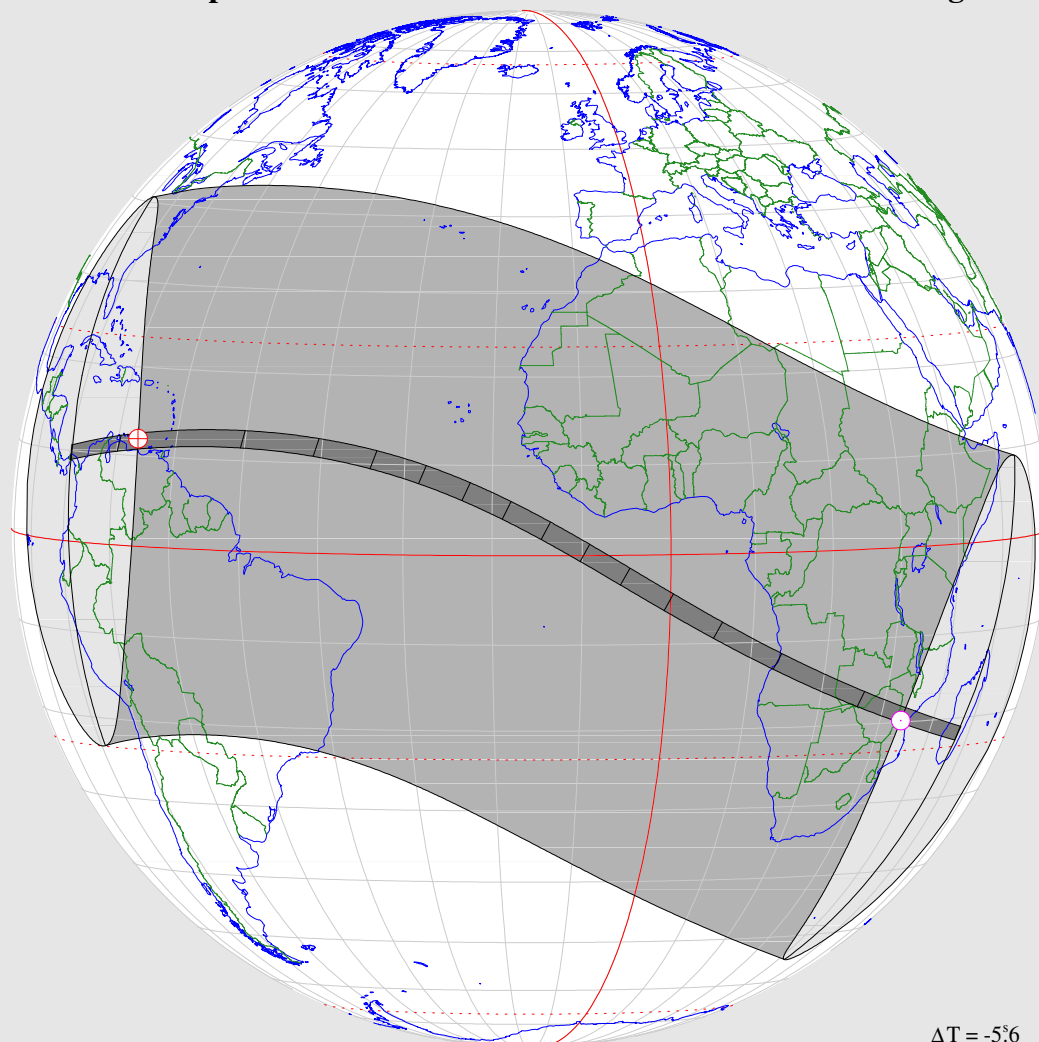


V. - Total Eclipse of the Sun

1886 August 29



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$\Delta T = -5^s.6$
Globe centred on W 15°8' and N 3°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	10	18.4	W 66	23.3	N 11	54.4
Beginning of northern limit of umbra	11	13.3	W 79	52.7	N 10	38.0
Beginning of centre line; central eclipse begins	11	13.3	W 79	44.9	N 9	48.8
Beginning of southern limit of umbra	11	13.4	W 79	37.5	N 8	59.4
Beginning of northern limit of penumbra	11	26.0	W 89	24.2	N 40	40.5
Beginning of southern limit of penumbra	11	33.0	W 78	58.7	S 23	25.6
Central eclipse at local apparent noon	12	58.6	W 14	27.1	N 2	59.0
End of southern limit of penumbra	14	17.6	E 42	25.9	S 54	44.4
End of northern limit of penumbra	14	25.1	E 55	24.6	N 9	06.6
End of southern limit of umbra	14	37.5	E 46	53.3	S 22	42.6
End of centre line; central eclipse ends	14	37.6	E 47	01.7	S 21	53.5
End of northern limit of umbra	14	37.6	E 47	10.3	S 21	04.6
⊙ Eclipse ends; last contact with Earth	15	32.5	E 33	42.0	S 19	48.1