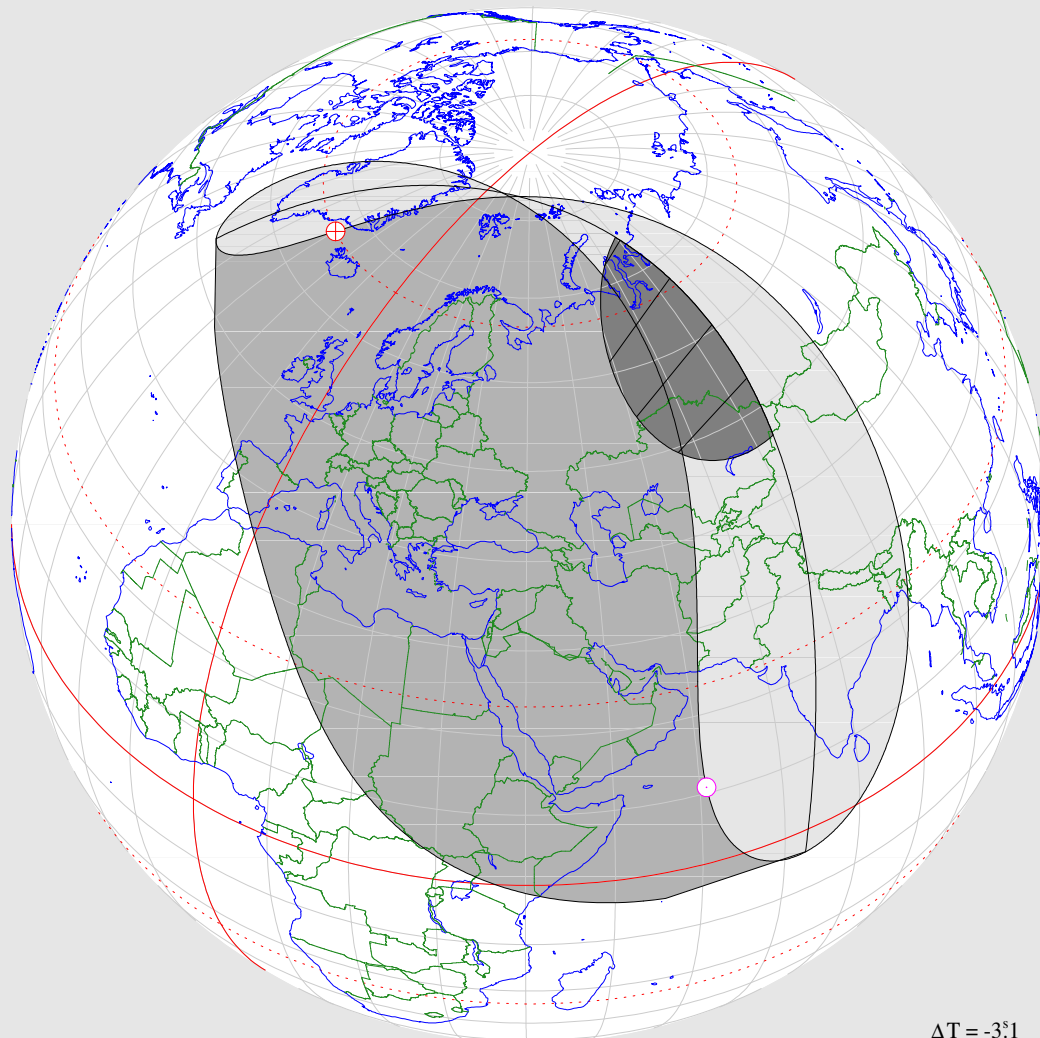


III. - Annular Eclipse of the Sun

1874 October 10



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$\Delta T = -3^s.1$
Globe centred on E 40°5' and N 44°1'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	8	48.9	W 29	53.5	N 66	32.5
Beginning of southern limit of penumbra	9	29.6	W 46	49.4	N 52	42.4
Beginning of southern limit of umbra	10	43.7	E 80	00.3	N 74	58.8
Beginning of centre line; central eclipse begins	10	58.3	E 85	05.0	N 68	17.4
End of centre line; central eclipse ends	11	29.5	E 85	12.2	N 53	43.7
End of southern limit of umbra	11	44.2	E 83	35.8	N 46	36.7
End of southern limit of penumbra	12	57.9	E 72	41.2	S 3	27.5
⊙ Eclipse ends; last contact with Earth	13	38.7	E 60	47.3	N 10	47.5