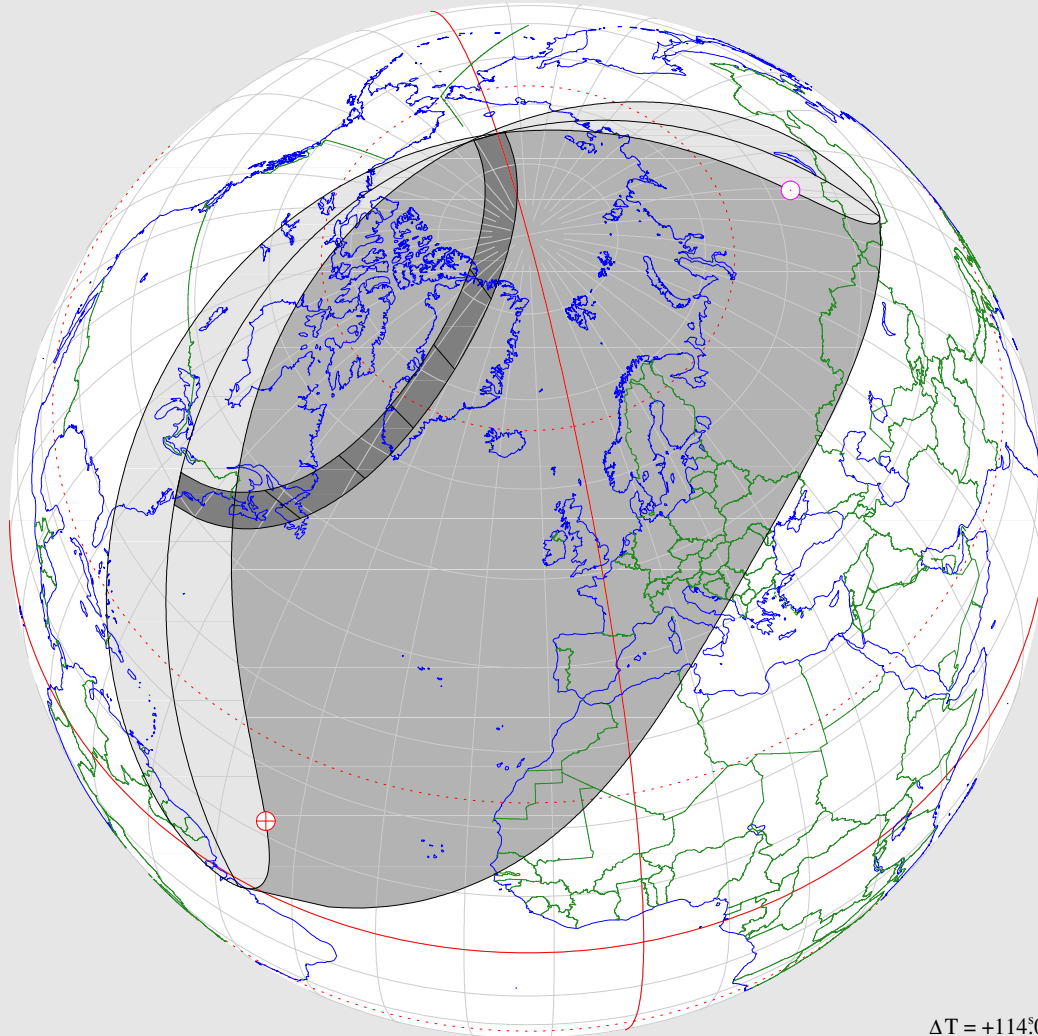


## II. - Total Eclipse of the Sun

2079 May 01



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$\Delta T = +114^{\circ}0$   
Globe centred on W 12°9 and N 56°5

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	8	39.9	W 44	04.5	N 12	17.1
Beginning of southern limit of penumbra	9	06.2	W 46	52.2	S 1	27.8
Beginning of southern limit of umbra	10	02.6	W 73	56.3	N 38	44.6
Beginning of centre line; central eclipse begins	10	05.2	W 75	16.5	N 40	12.6
Beginning of northern limit of umbra	10	08.0	W 76	44.4	N 41	46.0
End of northern limit of umbra	11	28.2	W 169	27.2	N 74	46.1
Central eclipse at local apparent midnight	11	29.4	W 173	03.9	N 81	10.0
End of centre line; central eclipse ends	11	31.0	W 176	30.4	N 74	46.3
End of southern limit of umbra	11	33.6	E 176	55.8	N 74	36.8
End of southern limit of penumbra	12	30.1	E 96	54.2	N 43	51.1
⊙ Eclipse ends; last contact with Earth	12	56.3	E 99	41.8	N 56	43.5