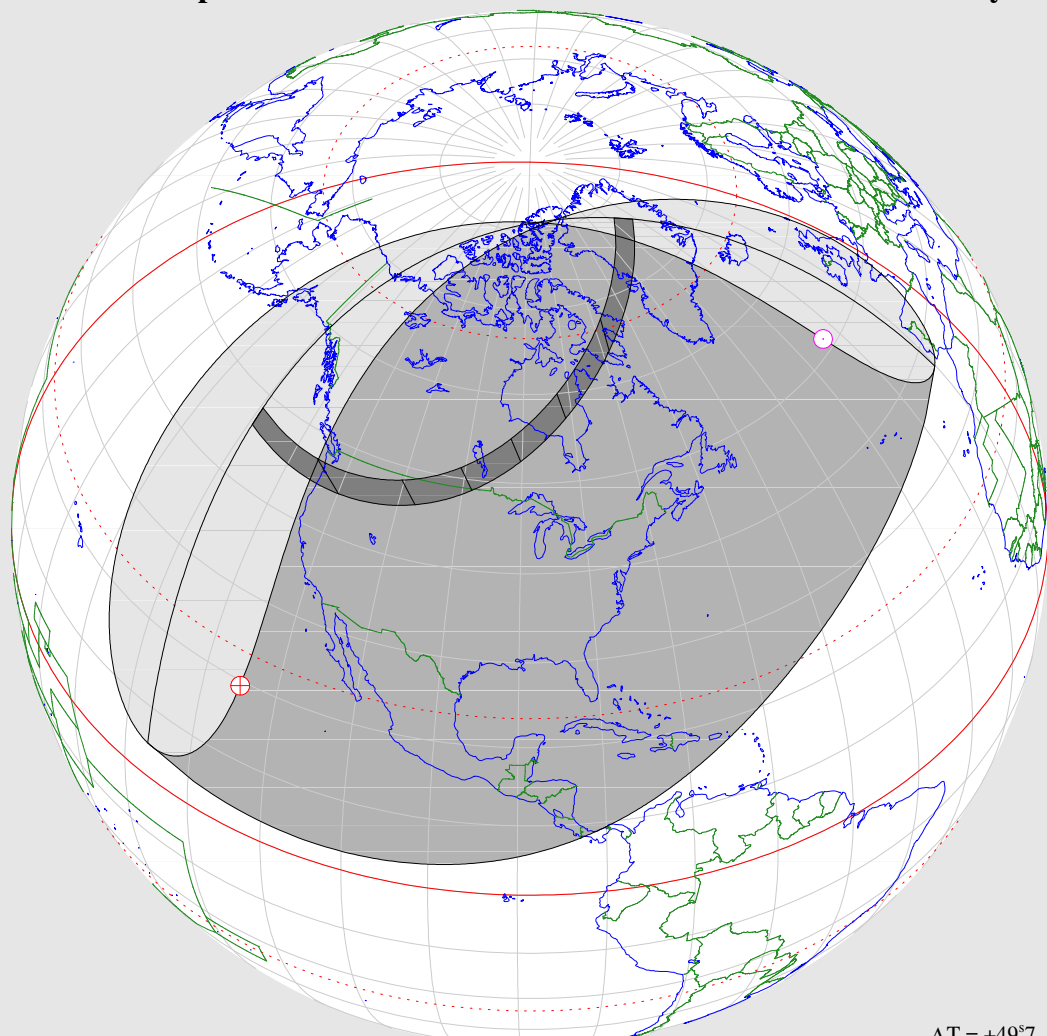


# I. - Total Eclipse of the Sun

1979 February 26



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$\Delta T = +49^m 7^s$   
Globe centred on W 88°6' and N 45°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	14	45.2	W124	56.1	N19	21.5
Beginning of southern limit of penumbra	15	21.4	W136	20.1	N 4	53.6
Beginning of southern limit of umbra	16	07.4	W139	20.6	N46	13.6
Beginning of centre line; central eclipse begins	16	09.2	W139	25.5	N47	17.9
Beginning of northern limit of umbra	16	11.0	W139	29.9	N48	24.9
Central eclipse at local apparent noon	17	21.3	W 77	05.4	N61	06.8
End of northern limit of umbra	17	37.2	W 37	22.5	N77	59.5
End of centre line; central eclipse ends	17	39.0	W 34	05.5	N77	11.5
End of southern limit of umbra	17	40.7	W 31	21.1	N76	22.7
End of southern limit of penumbra	18	27.0	W 10	11.4	N37	08.3
⊙ Eclipse ends; last contact with Earth	19	03.1	W 23	36.8	N51	23.0