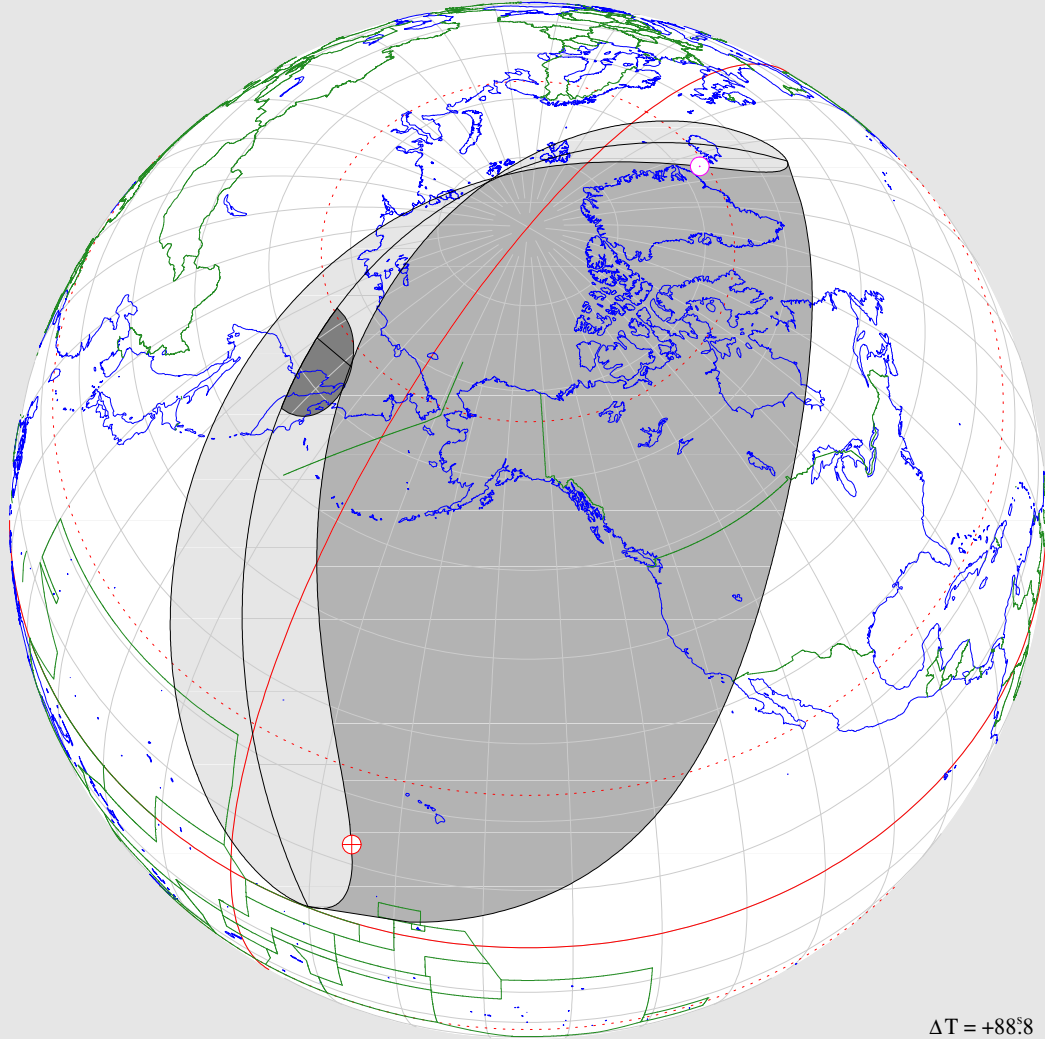


II. - Total Eclipse of the Sun

2043 April 09



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$\Delta T = +88^s.8$
Globe centred on W 145°0 and N 55°5

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	16	56.1	W165	25.2	N13	01.7
Beginning of southern limit of penumbra	17	21.9	W170	06.7	N 0	12.5
Beginning of southern limit of umbra	18	45.4	E 157	34.6	N55	36.4
End of southern limit of umbra	19	06.7	E 145	03.7	N66	55.9
End of southern limit of penumbra	20	30.4	W 25	56.4	N55	06.5
○ Eclipse ends; last contact with Earth	20	56.2	W 24	31.3	N67	23.4