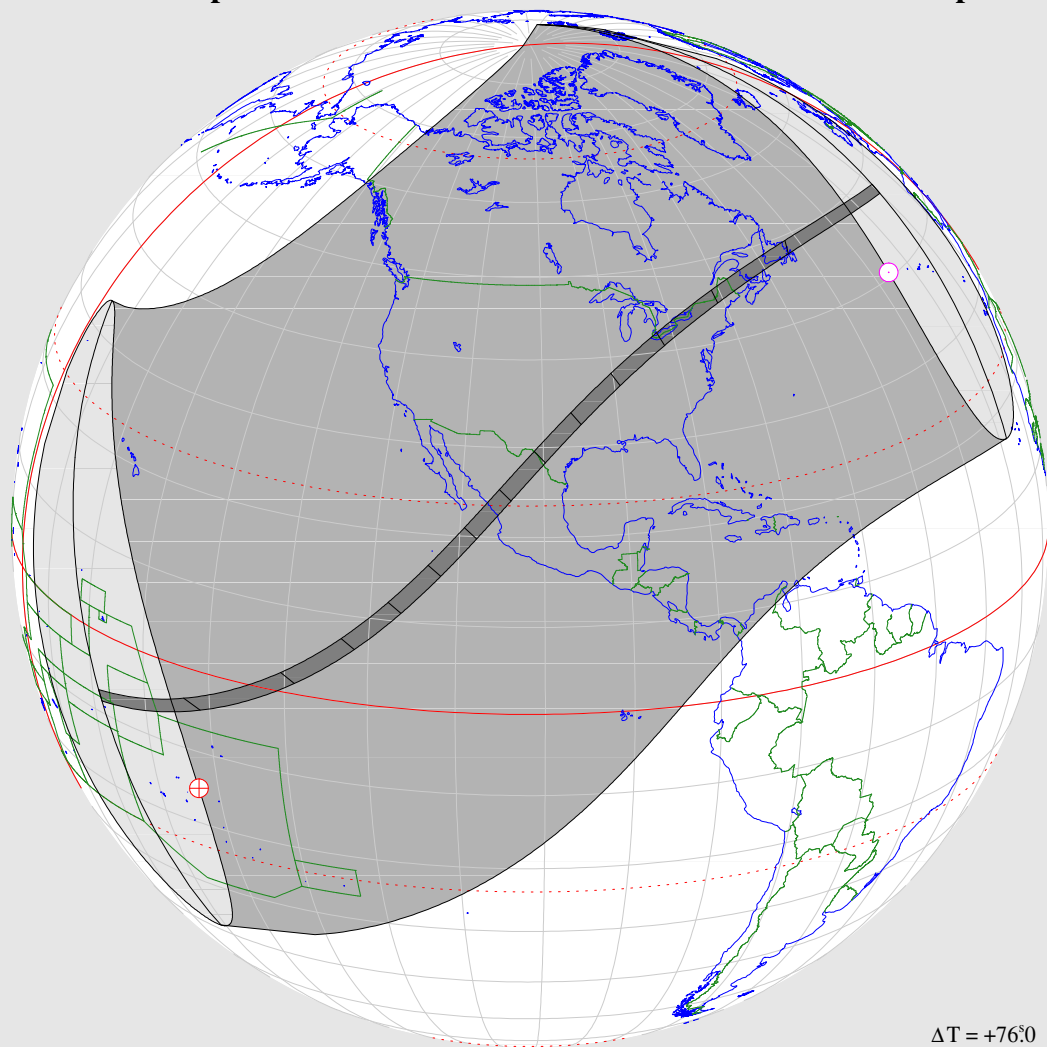


II. - Total Eclipse of the Sun

2024 April 08



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ΔT = +76:00
Globe centred on W 101°7' and N 21°0'

Circumstances	Time (UT)	Longitude	Latitude
	h m	o /	o /
⊕ Eclipse begins; first contact with Earth	15 42.1	W143 04.6	S 14 57.9
Beginning of southern limit of penumbra	16 32.3	W151 32.0	S 38 45.3
Beginning of southern limit of umbra	16 39.4	W158 18.4	S 8 28.1
Beginning of centre line; central eclipse begins	16 39.9	W158 30.4	S 7 49.6
Beginning of northern limit of umbra	16 40.3	W158 42.7	S 7 10.9
Beginning of northern limit of penumbra	17 29.4	W176 59.4	N33 31.7
Central eclipse at local apparent noon	18 36.0	W 98 36.0	N30 37.5
End of northern limit of penumbra	19 04.5	E 72 18.2	N82 23.6
End of northern limit of umbra	19 53.9	W 19 27.6	N48 14.4
End of centre line; central eclipse ends	19 54.4	W 19 45.8	N47 36.9
End of southern limit of umbra	19 54.8	W 20 03.6	N46 59.5
End of southern limit of penumbra	20 02.3	W 27 52.1	N16 46.5
⊙ Eclipse ends; last contact with Earth	20 52.2	W 36 04.8	N40 32.8