

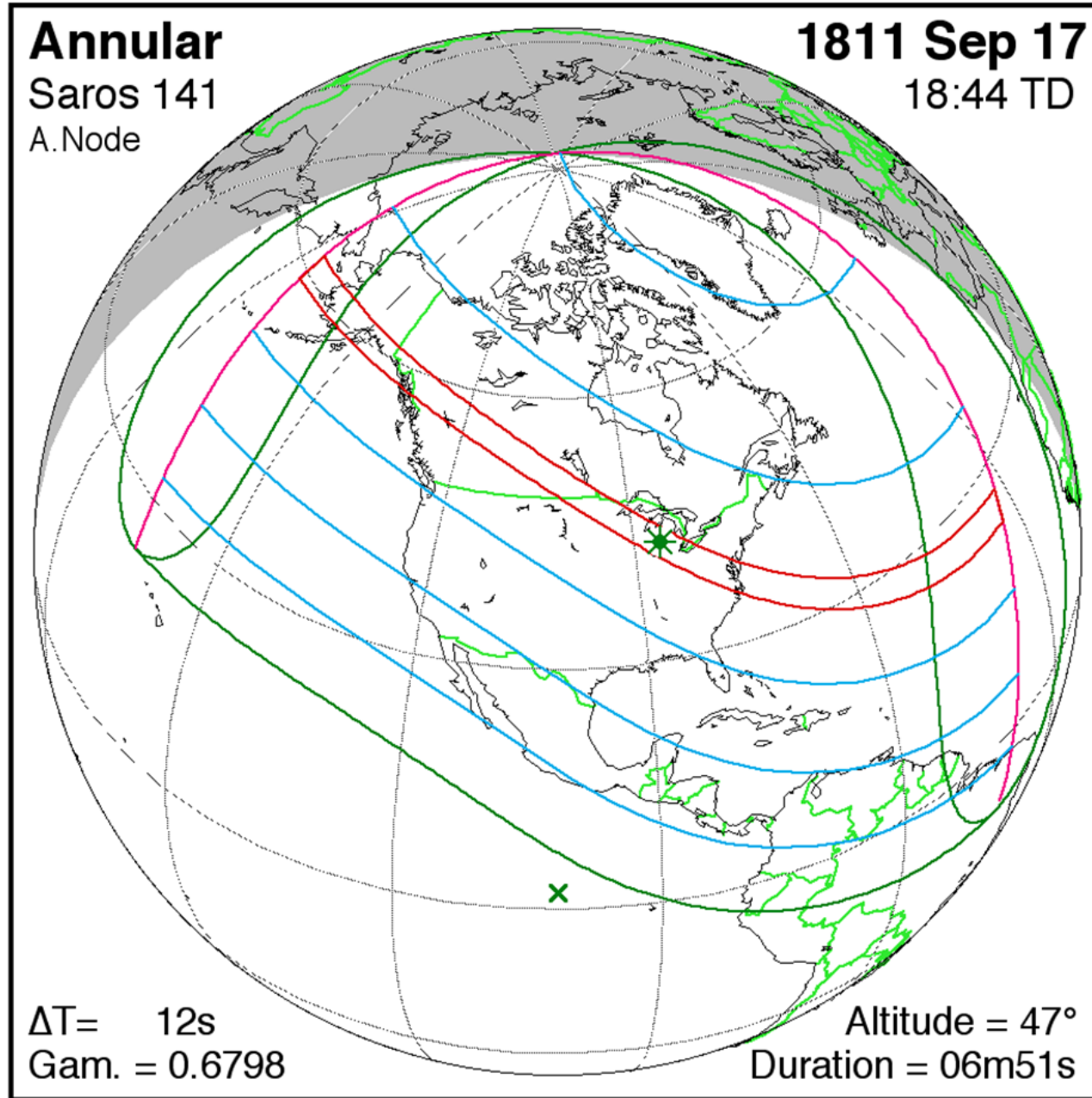
TOTAL
SOLAR
ECLIPSES
2017 & 2024

AUGUST 21
2017

APRIL 8
2024

Annular
Saros 141
A.Node

1811 Sep 17
18:44 TD



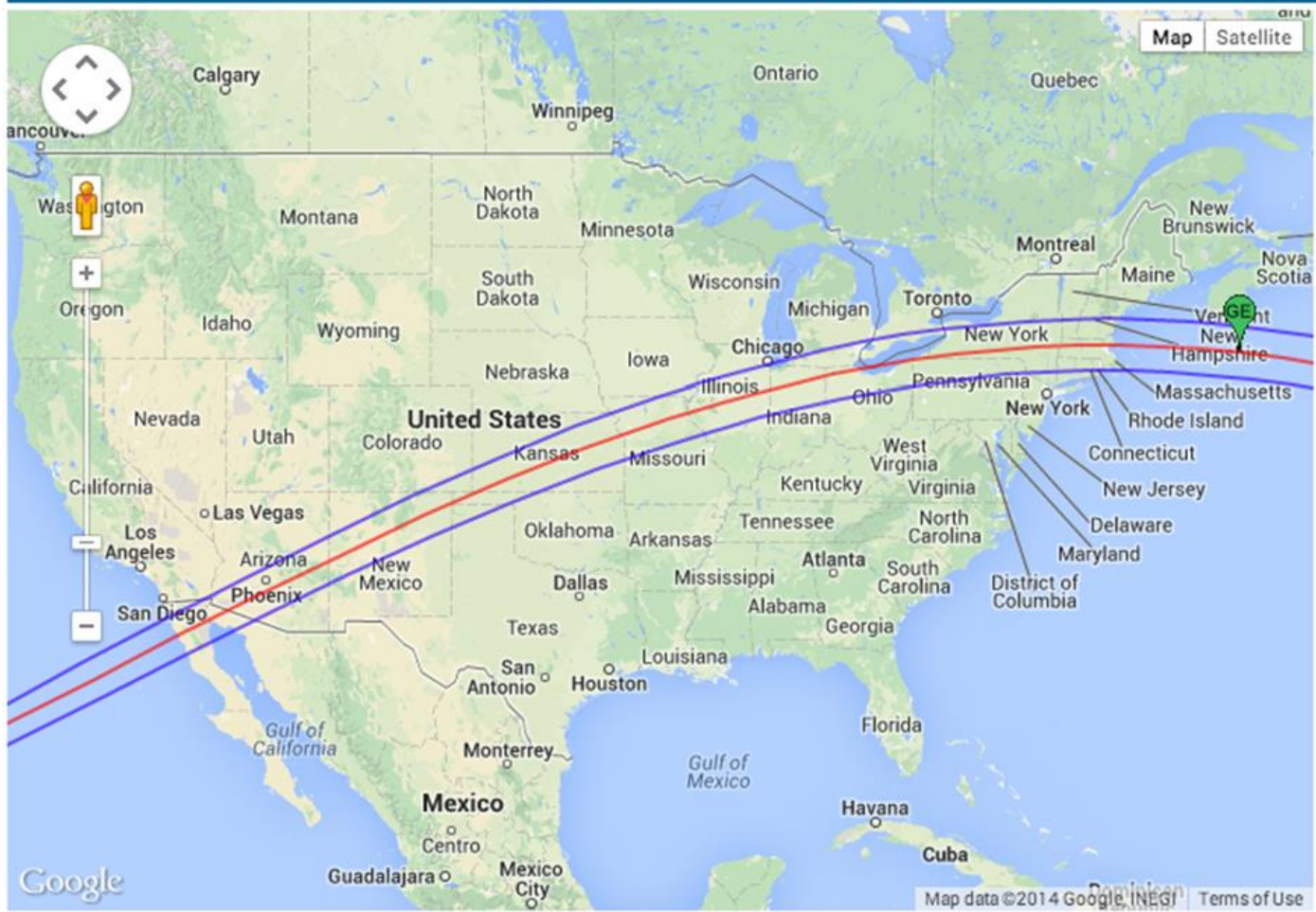
$\Delta T = 12s$
Gam. = 0.6798

Altitude = 47°
Duration = 06m51s



TOTAL SOLAR ECLIPSE OF 1806 JUNE 16

Interactive Eclipse Path Using Google Maps

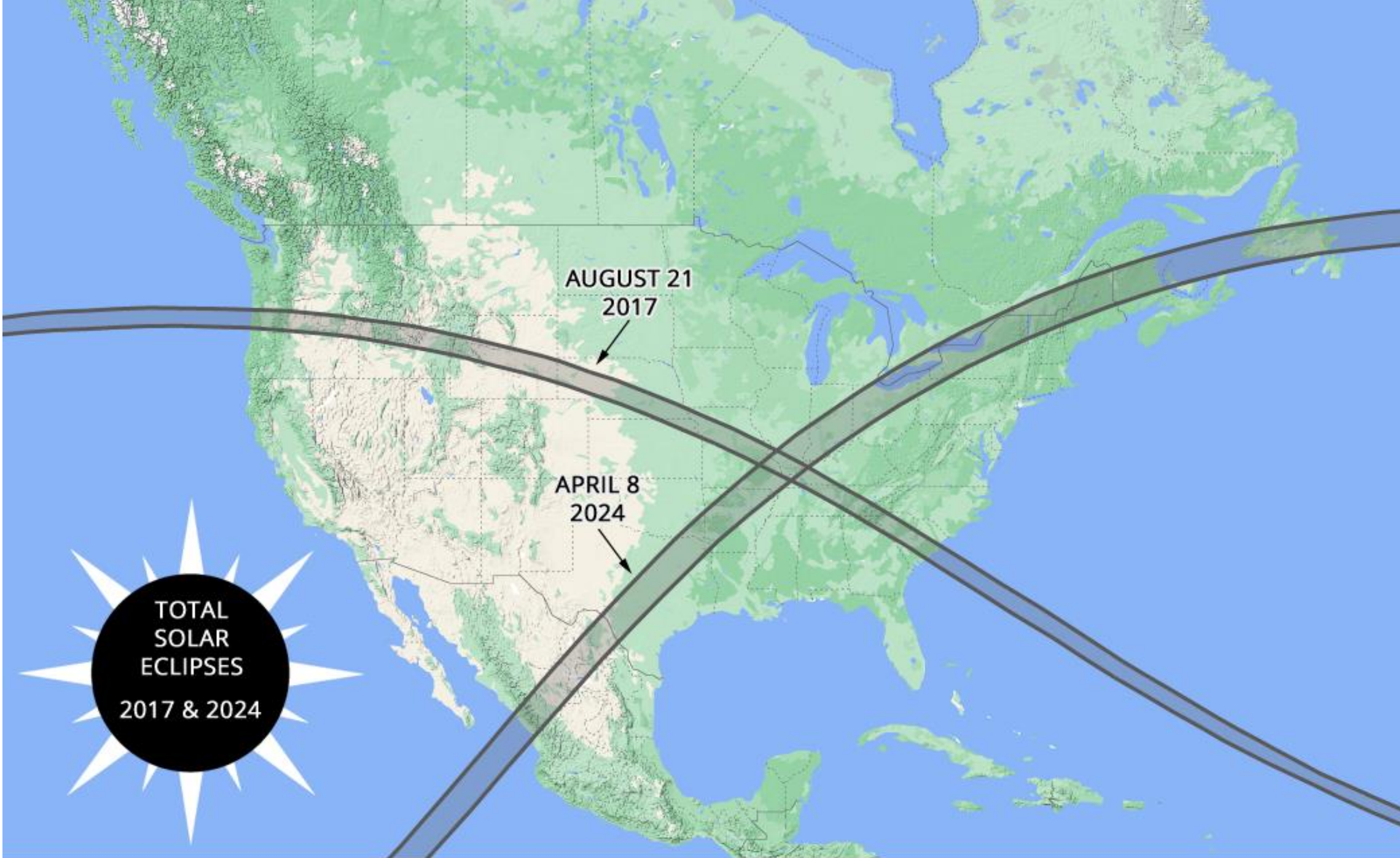


The annular solar eclipse of February 12, 1831



Just three years later, the total solar eclipse of November 30, 1834





TOTAL
SOLAR
ECLIPSES
2017 & 2024

AUGUST 21
2017

APRIL 8
2024