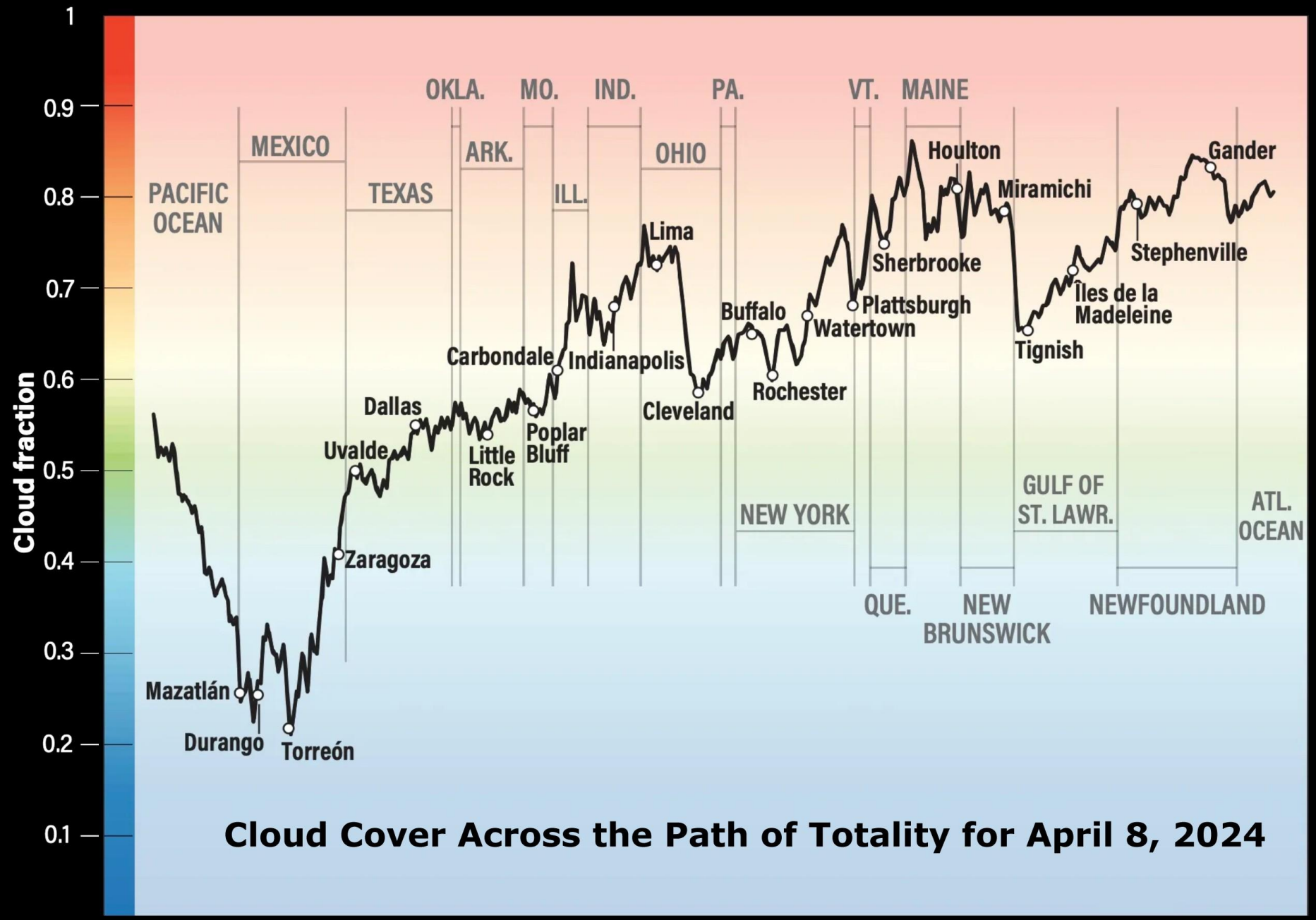
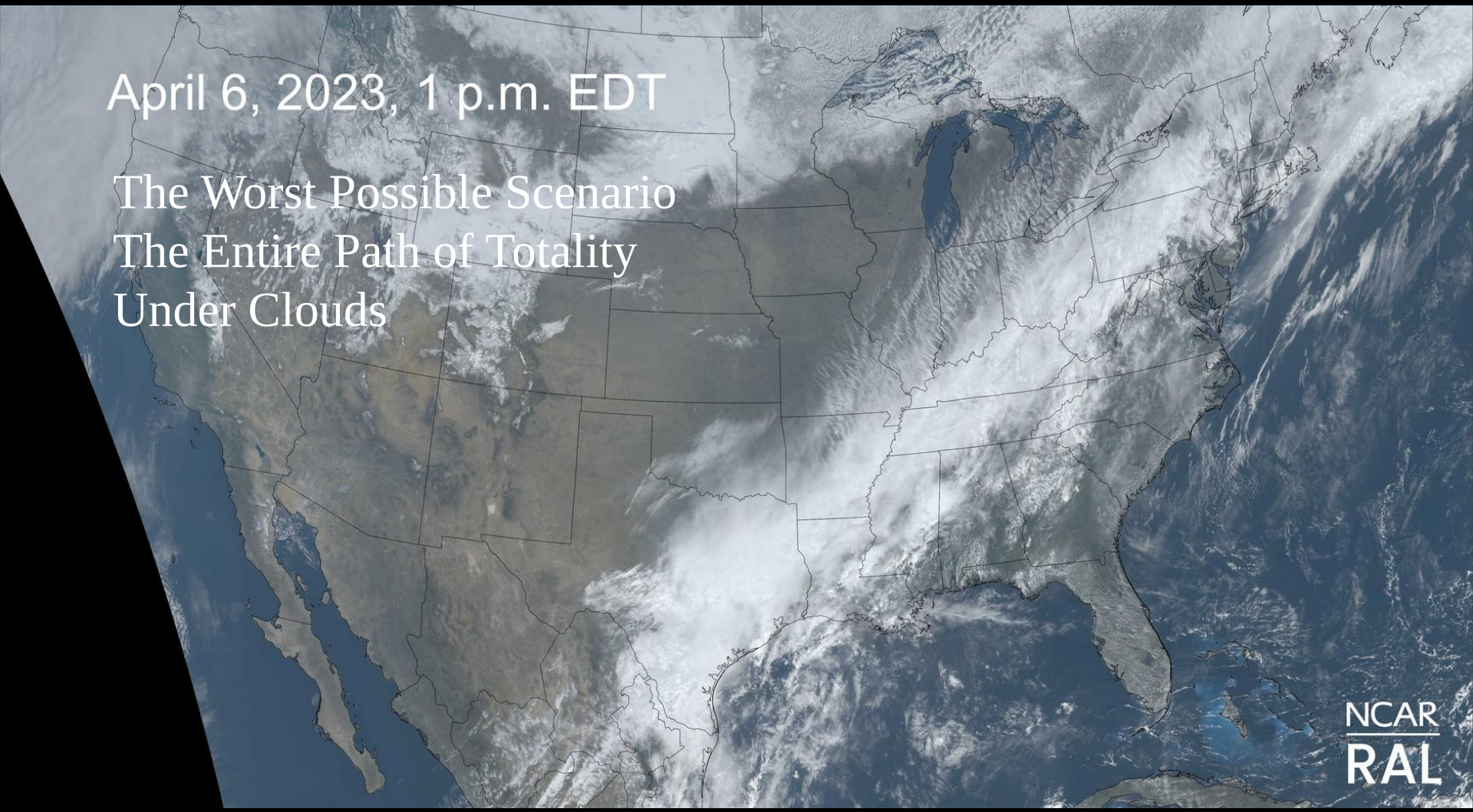
Playing in the Shadows

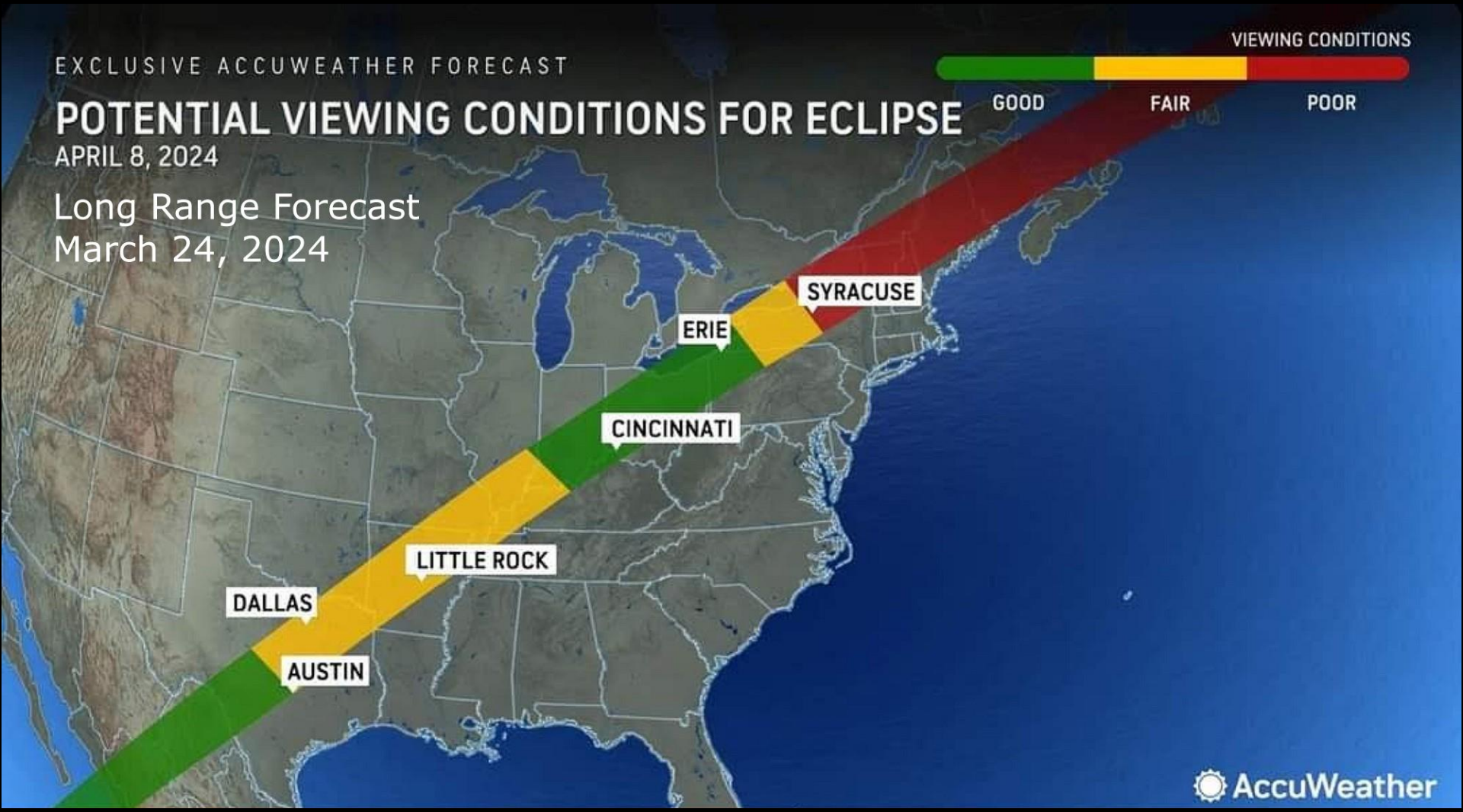
Gary A. Becker image

The WEATHER

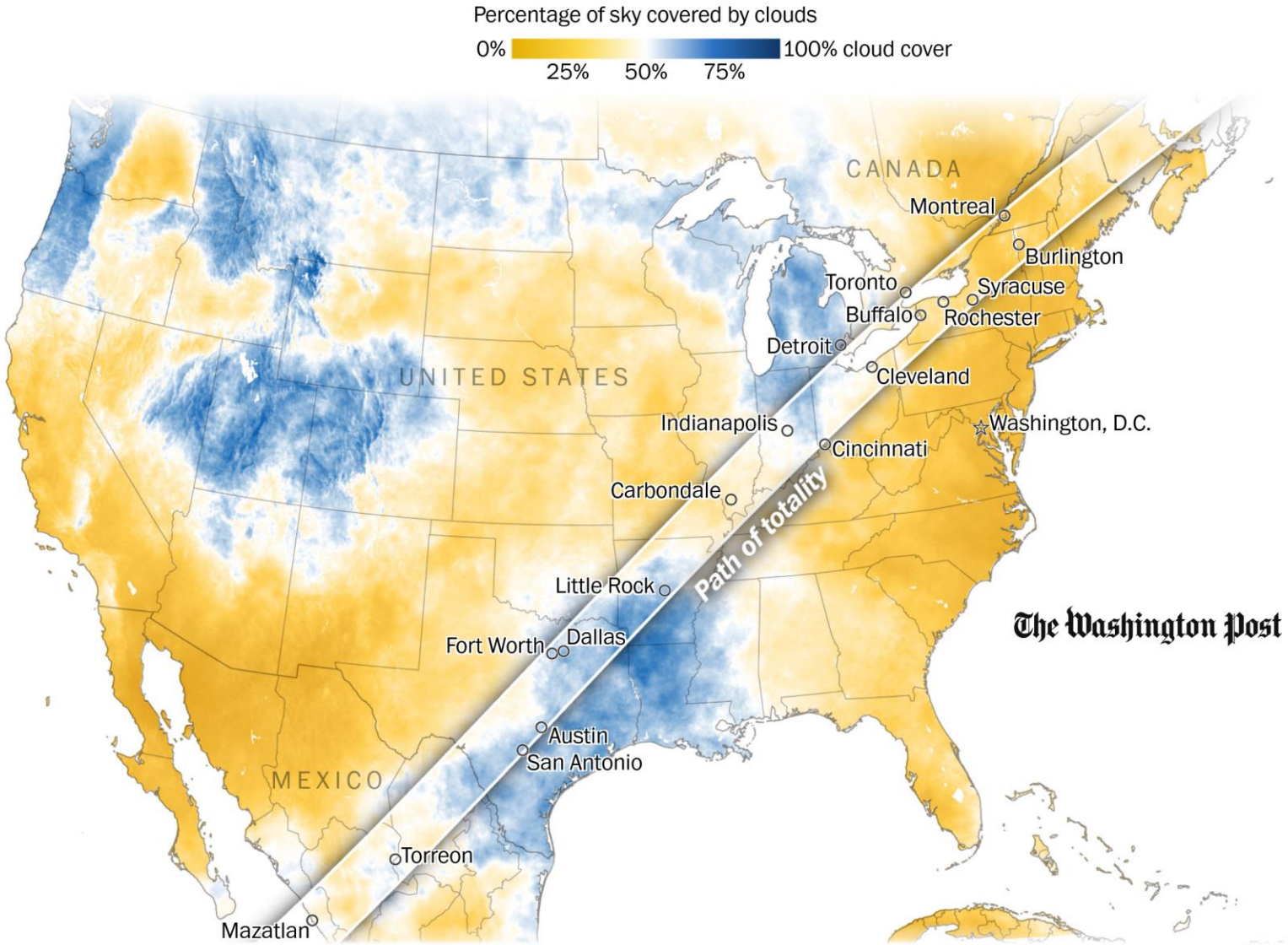


Cloud Cover Across the Path of Totality for April 8, 2024

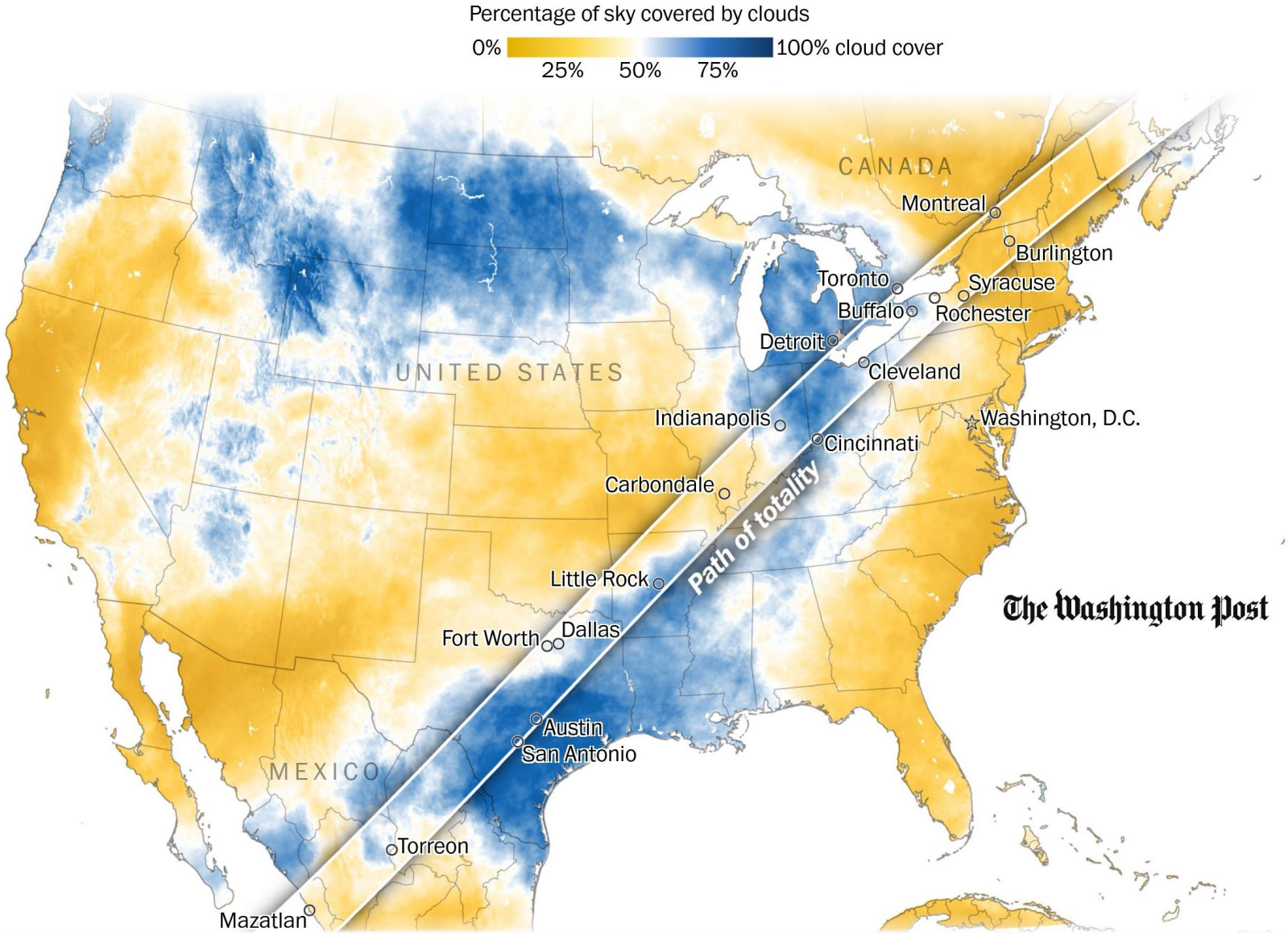

April 6, 2023, 1 p.m. EDT
The Worst Possible Scenario
The Entire Path of Totality
Under Clouds
NCAR
RAL


EXCLUSIVE ACCUWEATHER FORECAST
POTENTIAL VIEWING CONDITIONS FOR ECLIPSE
APRIL 8, 2024
Long Range Forecast
March 24, 2024
VIEWING CONDITIONS
GOOD
FAIR
POOR
SYRACUSE
ERIE
CINCINNATI
LITTLE ROCK
DALLAS
AUSTIN
AccuWeather

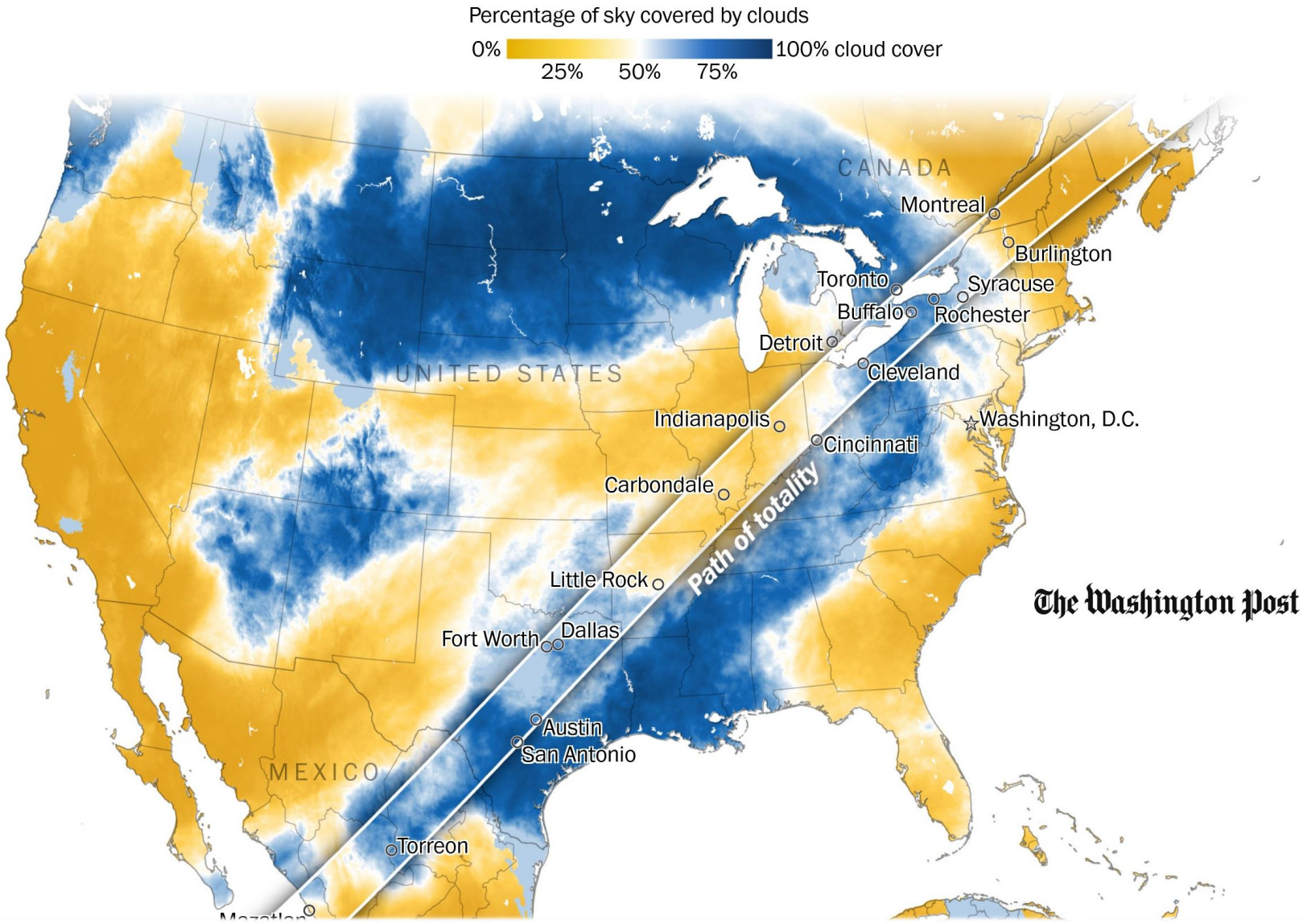
Saturday Afternoon, March 30, 2024

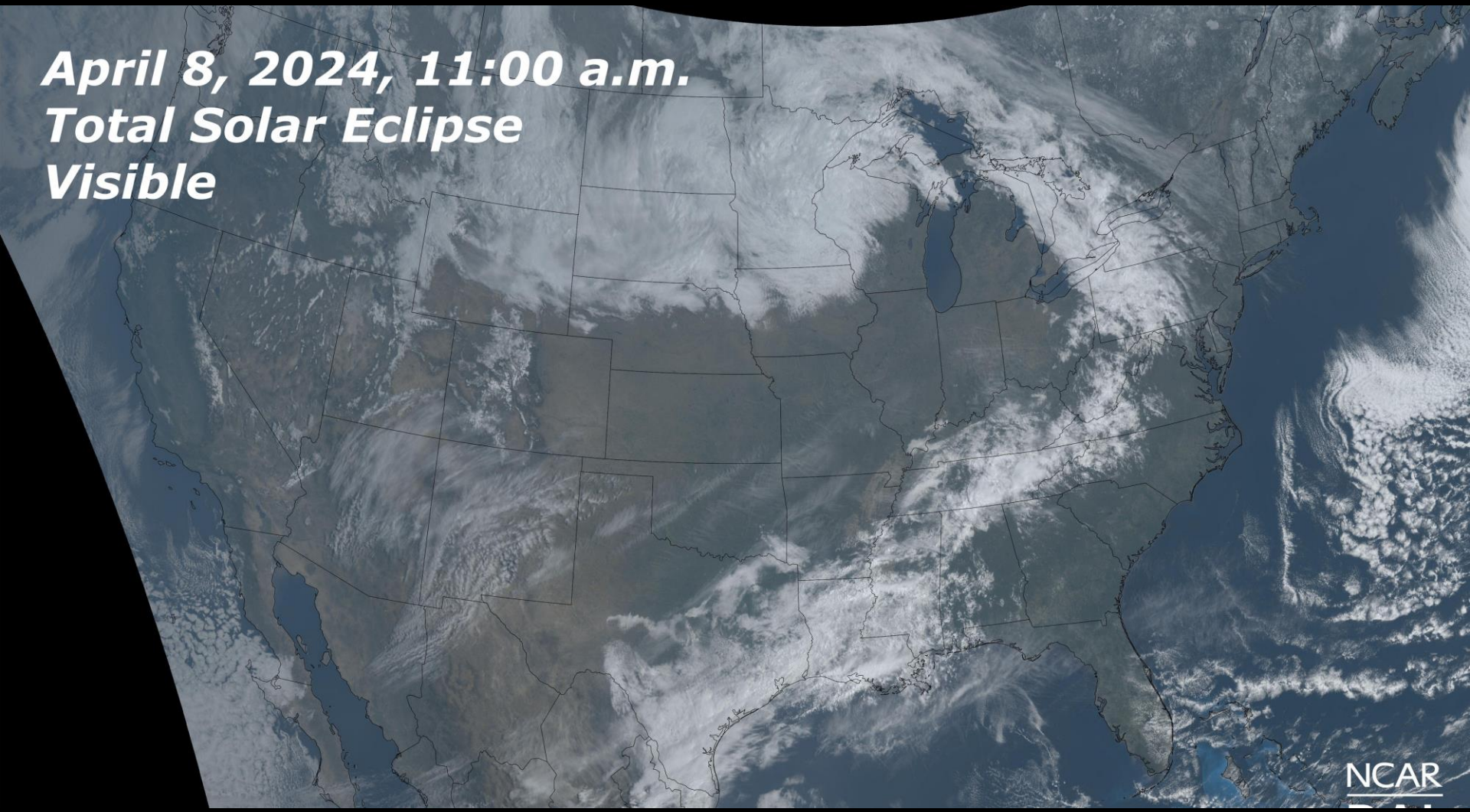


Forecast for April 8, Monday Morning, April 1, 2024

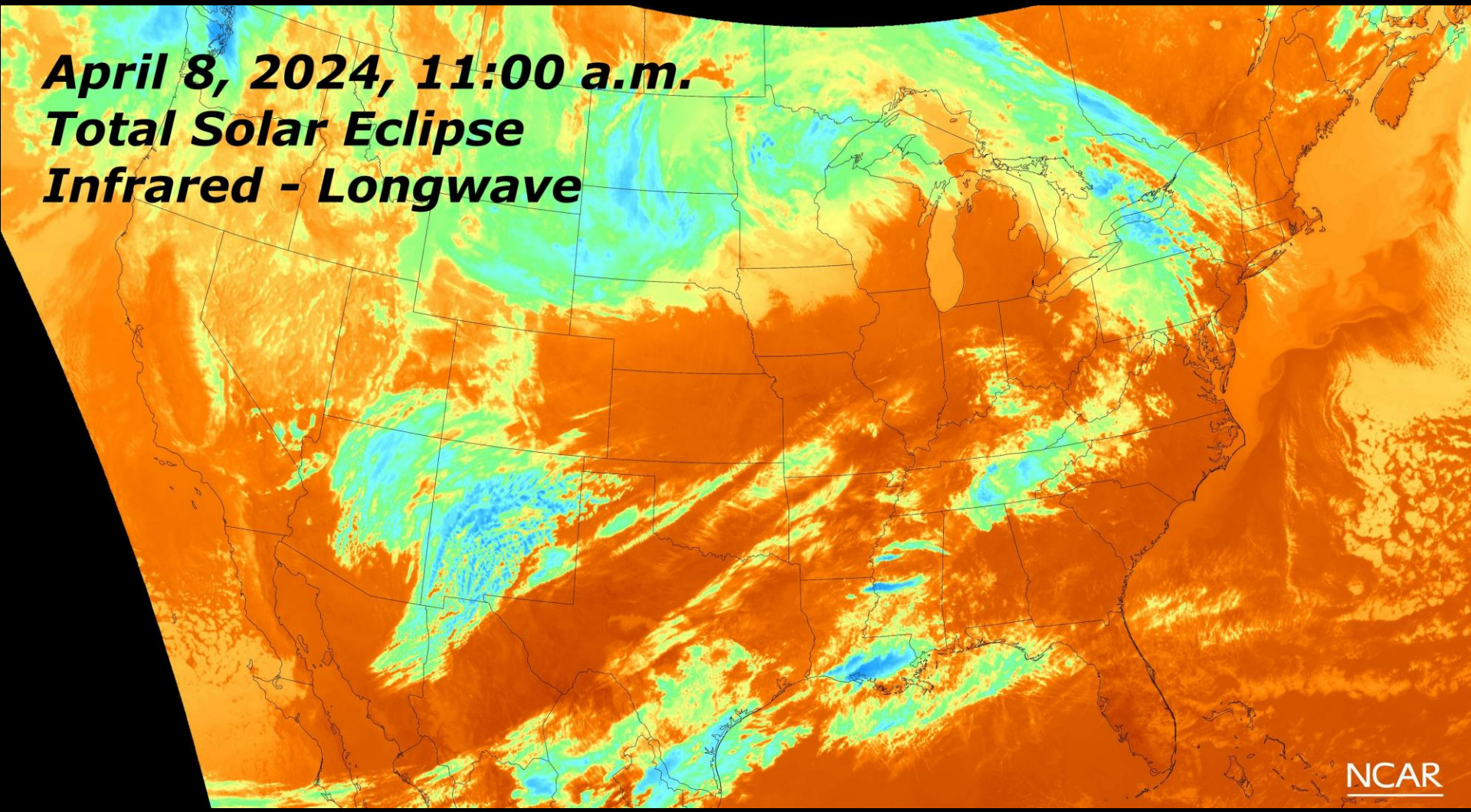


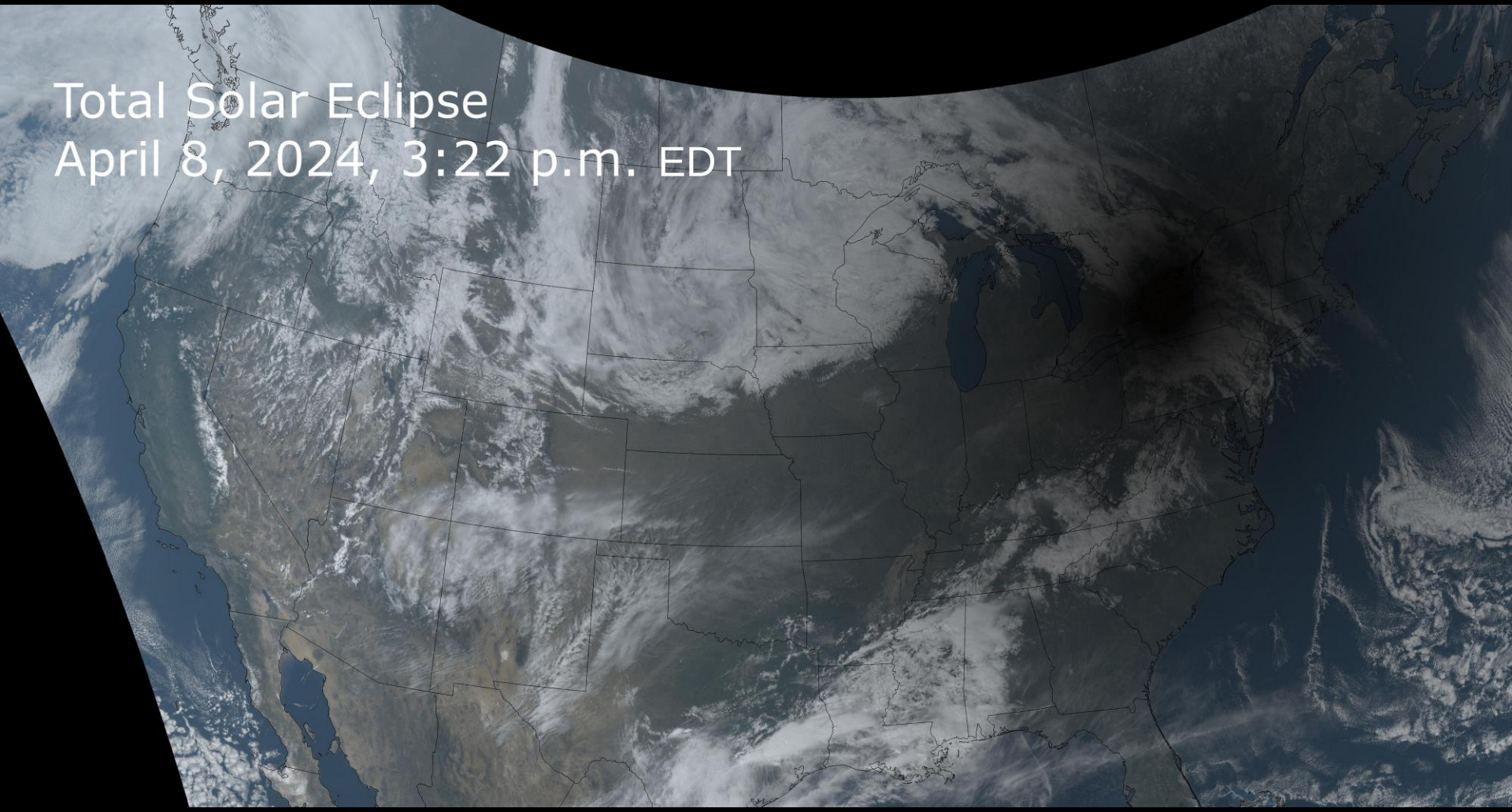
Forecast for April 8, Saturday Morning, April 6, 2024





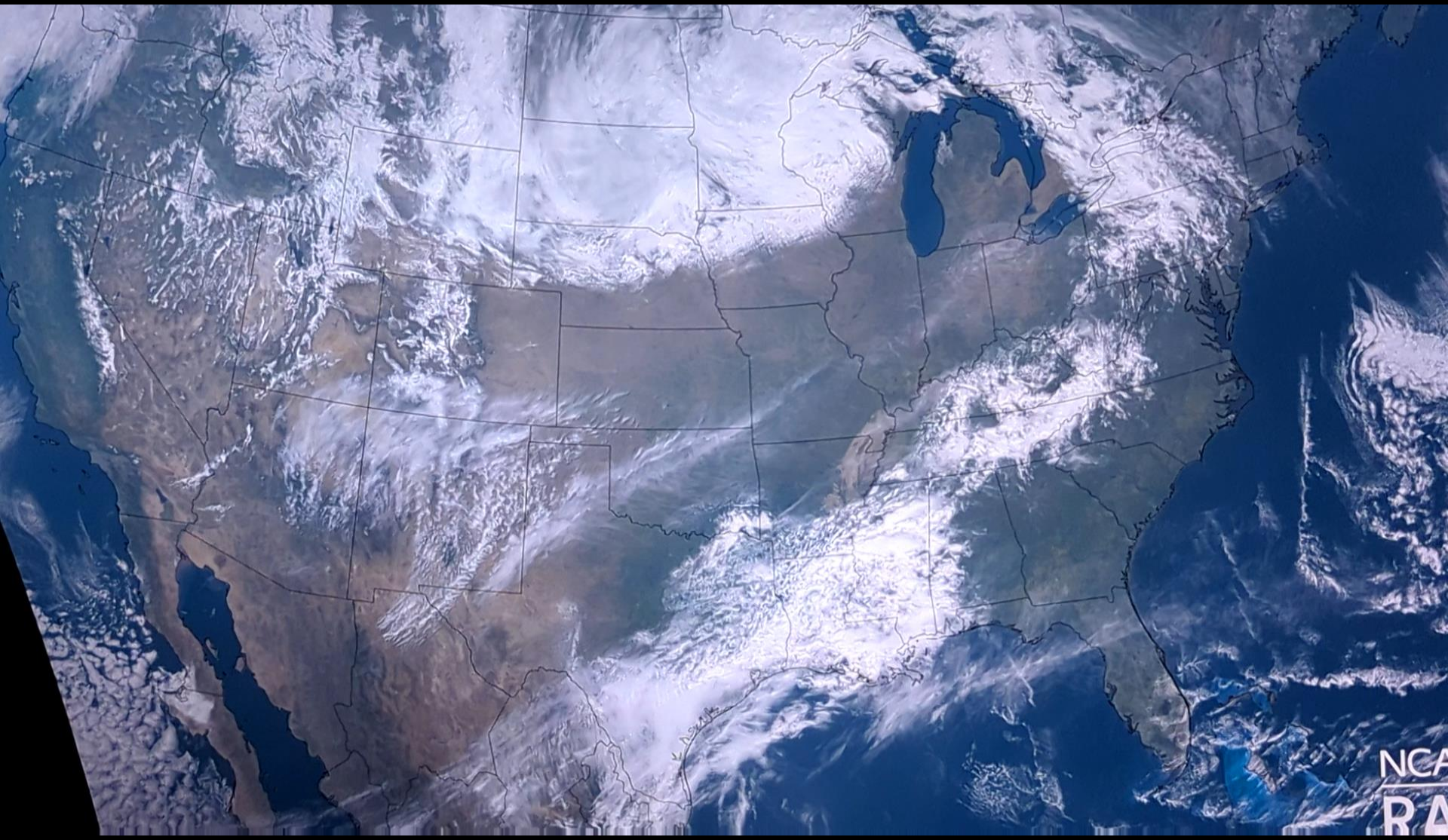
National Center for Atmospheric Research


April 8, 2024, 11:00 a.m.
Total Solar Eclipse
Infrared - Longwave
NCAR



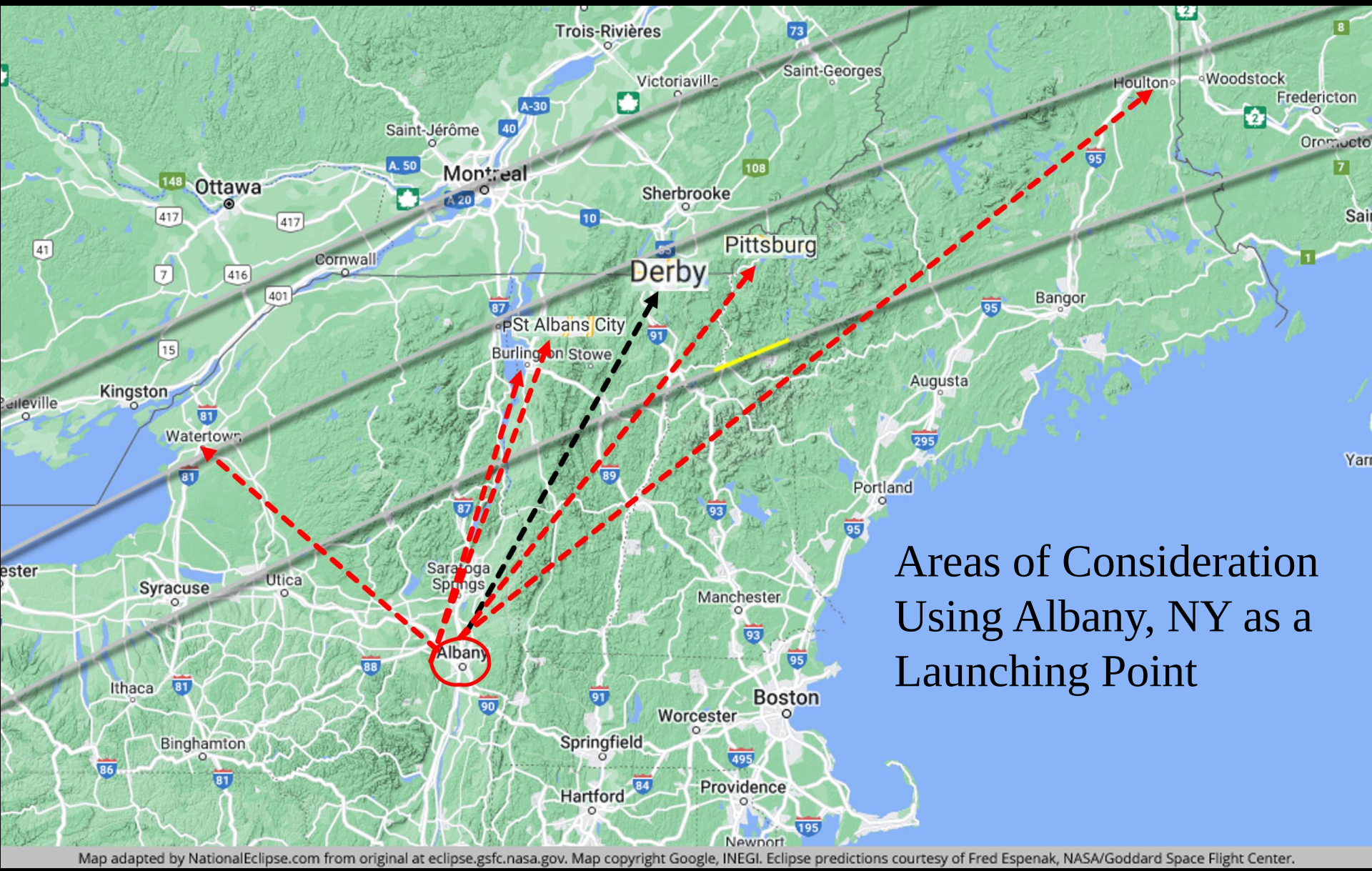
National Center for Atmospheric Research

Composite of Eclipse Across America

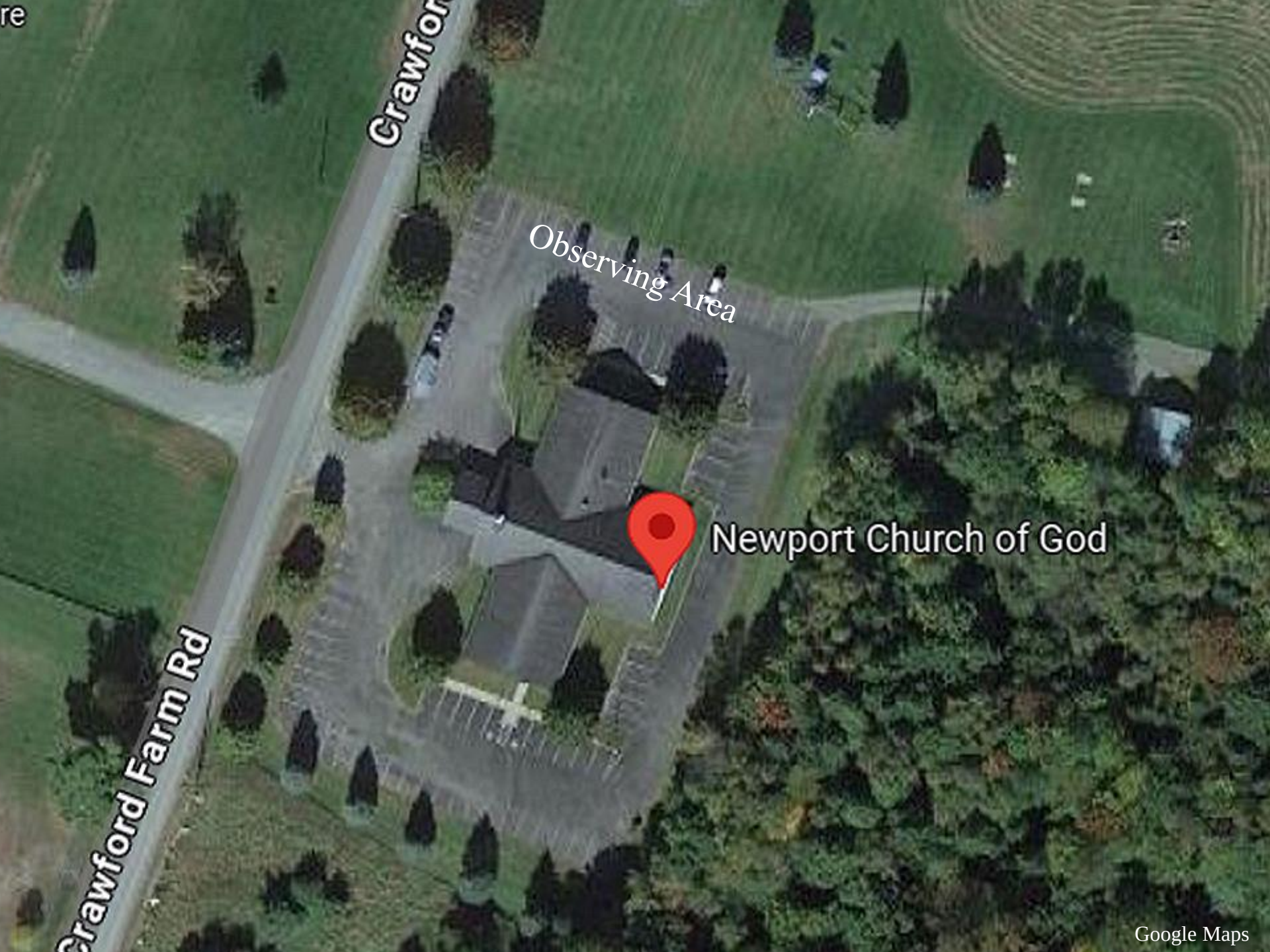


National Center for Atmospheric Research

The PLAN



Fred Espenak, NASA Goddard Space Flight Center

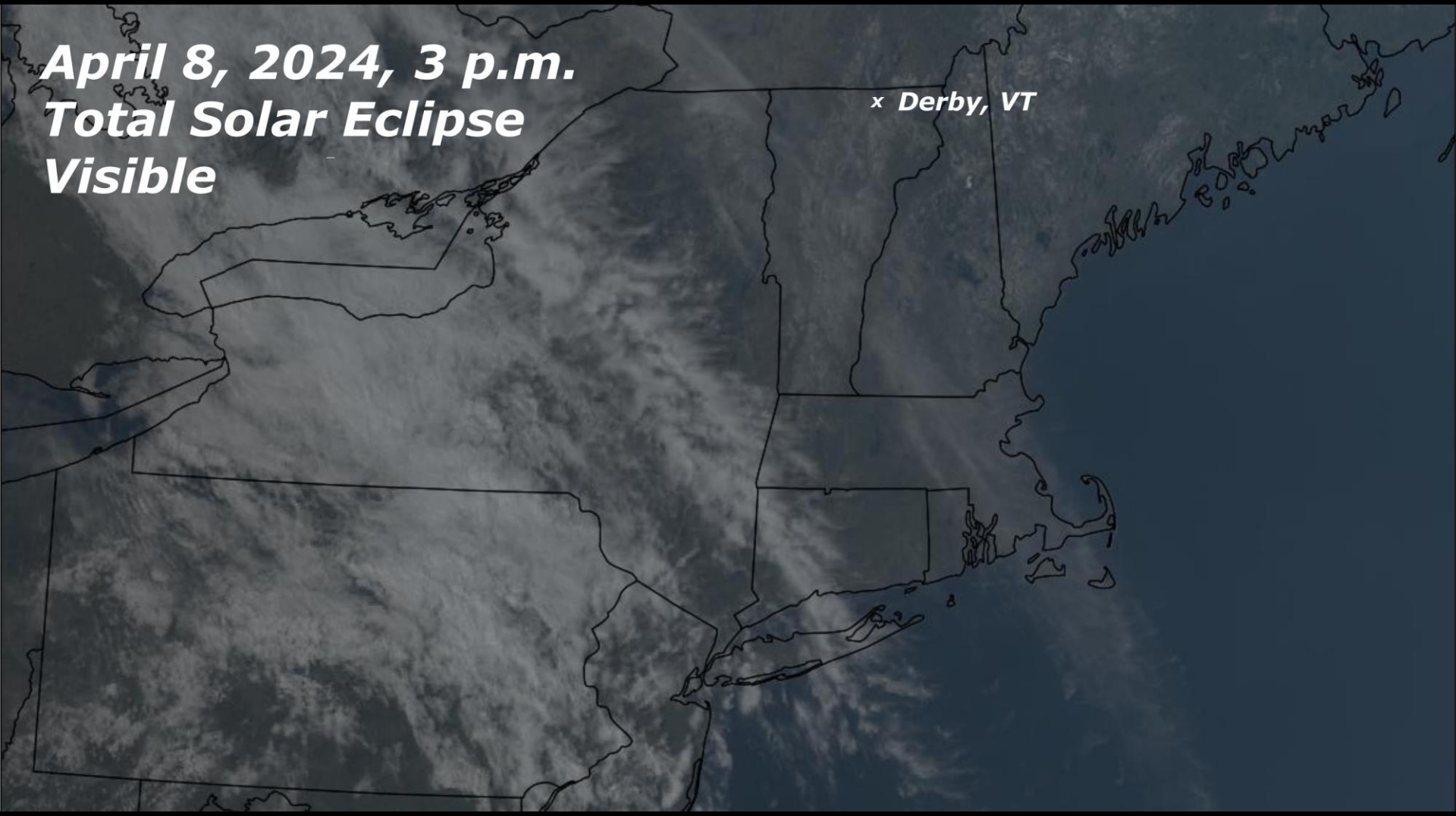

Observing Area
Newport Church of God
Crawford Farm Rd
Google Maps

Newport Church of God

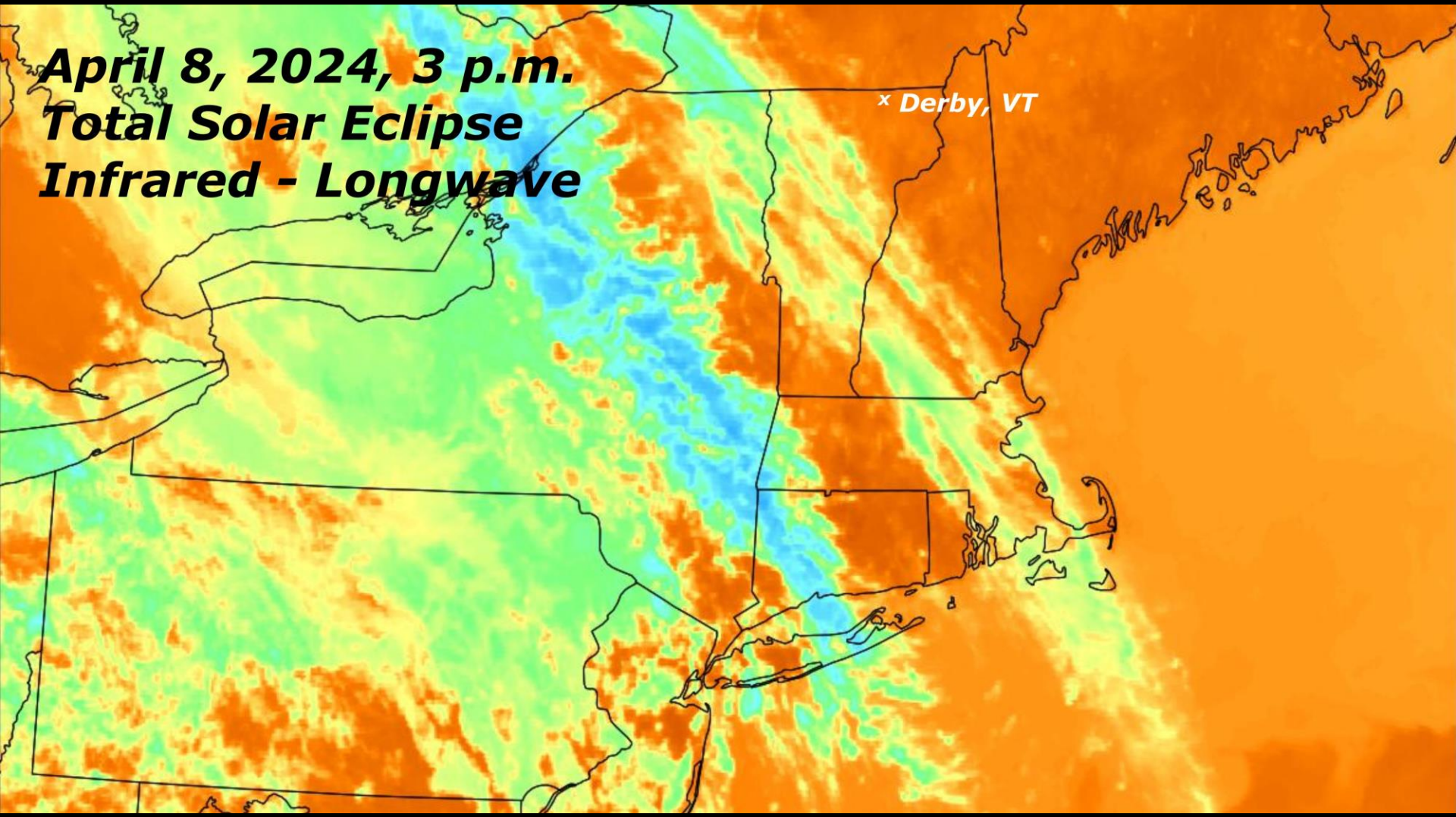
Bishop Laurence H. Wall &
Sally Wall, Lead Pastor

Galaxy S22

Peter K. Detterline image



National Center for Atmospheric Research



The PEOPLE

Internet

Why did they put the sandwiches at the seven-foot level?

Mark Balanda image

Mark Balanda image

Lots to Do Before an Eclipse

Gary A. Becker image


The Detterlines
Peter
Jon
Nancy
Galaxy S22
Alan Gilda image


Ryan Hannahoe, Director
Montana Learning Center
TOTALITY
2024 Total Solar eclipse
THROUGH THE EYES OF NASA
Galaxy S22
Nancy Detterline image

Peter K. Detterline image

Gary A. Becker image

Mark Balanda image

Mark Balanda image

Welder’s Filter Goggles/Number 14 Welder’s Shades

Gary A. Becker image

No. 14 “Gold Coated” Welder’s Shade

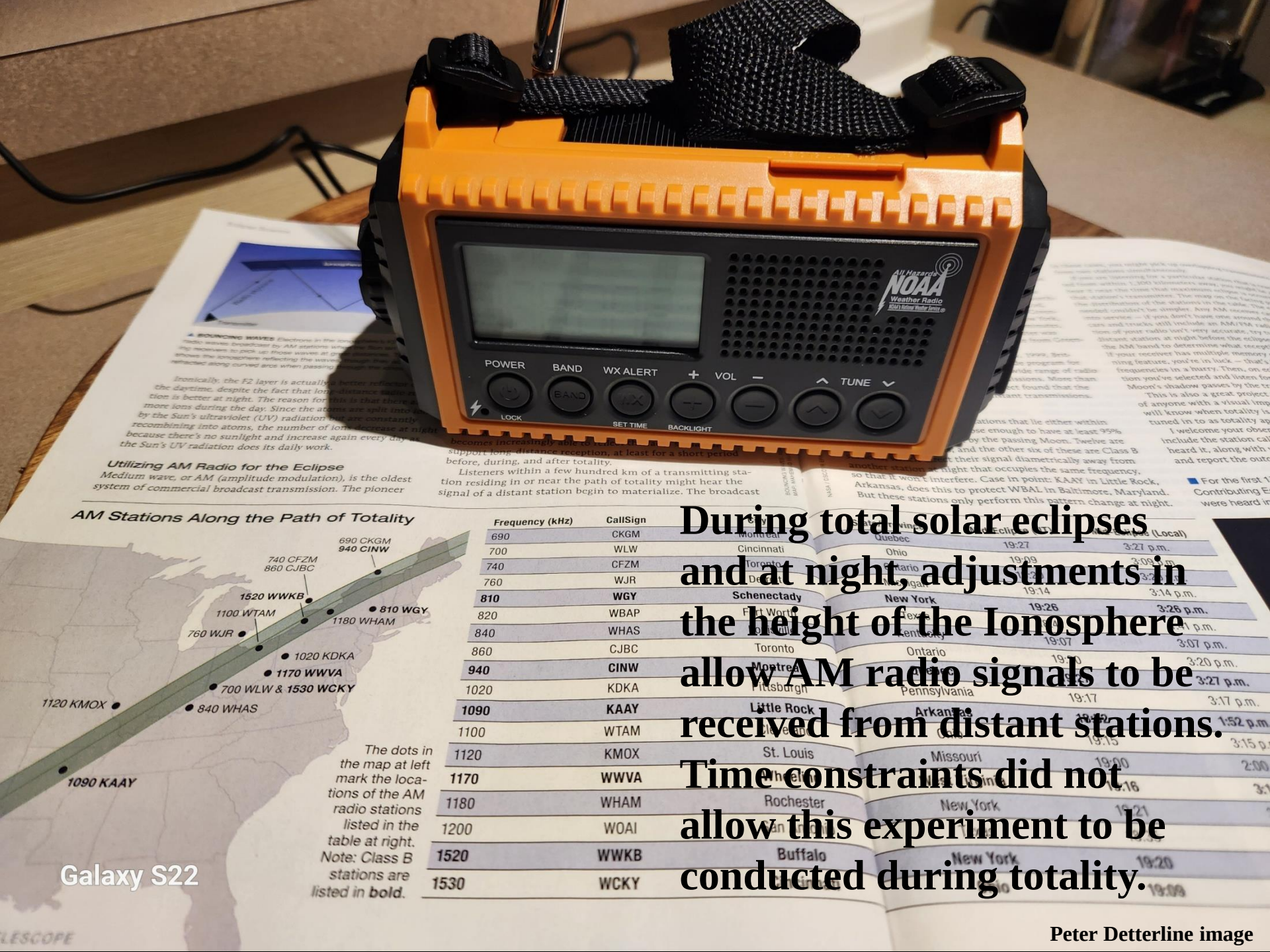
Gary A. Becker image

Gary A. Becker image


Jesse Leayman
A Wildman Video


Baily's Beads
1.43 seconds
between frames
Gary A. Becker image

The ECLIPSE



During total solar eclipses and at night, adjustments in the height of the Ionosphere allow AM radio signals to be received from distant stations. Time constraints did not allow this experiment to be conducted during totality.

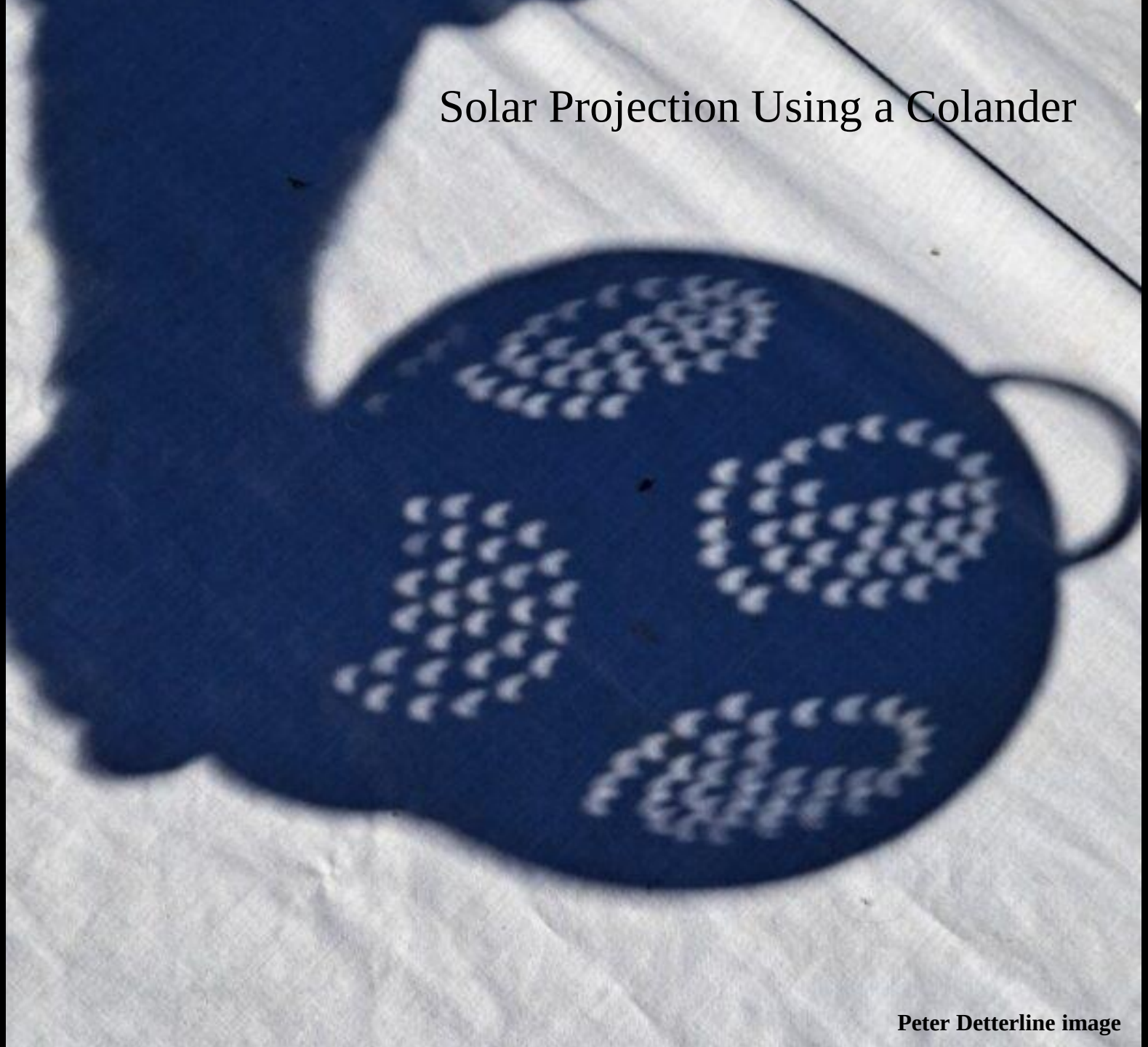
Peter Detterline image


Gary A. Becker Eclipse Photos
THE NORTH FACE
Gary A. Becker image

Gary A. Becker image

Gary A. Becker image

Gary A. Becker image

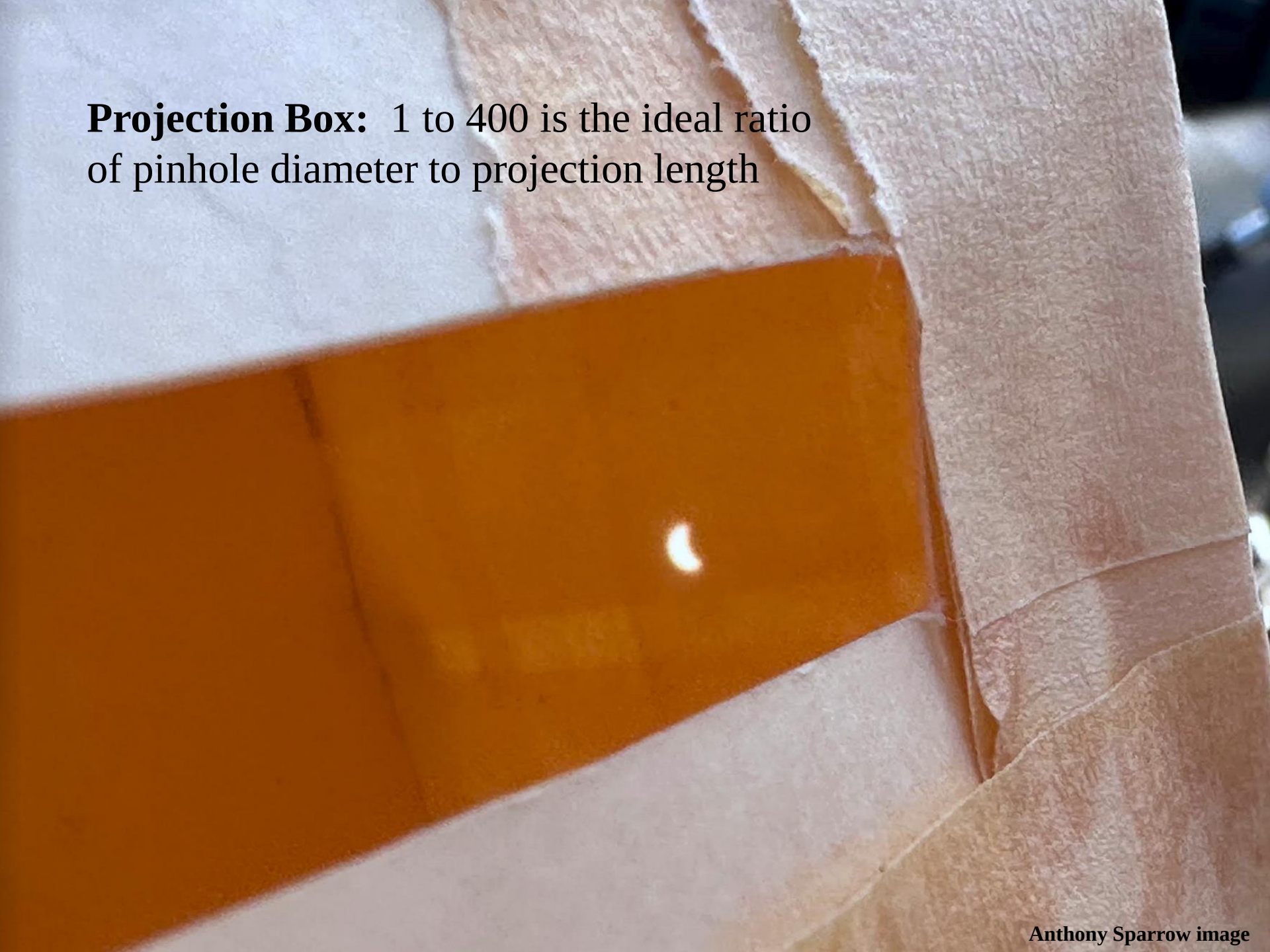

Solar Projection Using a Colander
Peter Detterline image

Nancy Detterline image

Alan Gilda image

Colander Heads

Projection Box: 1 to 400 is the ideal ratio of pinhole diameter to projection length



Anthony Sparrow image

Gary A. Becker image

Jacket Time

as temperatures dropped noticeably

Gary A. Becker image

Gary A. Becker image

Gary A. Becker image

Gary A. Becker image

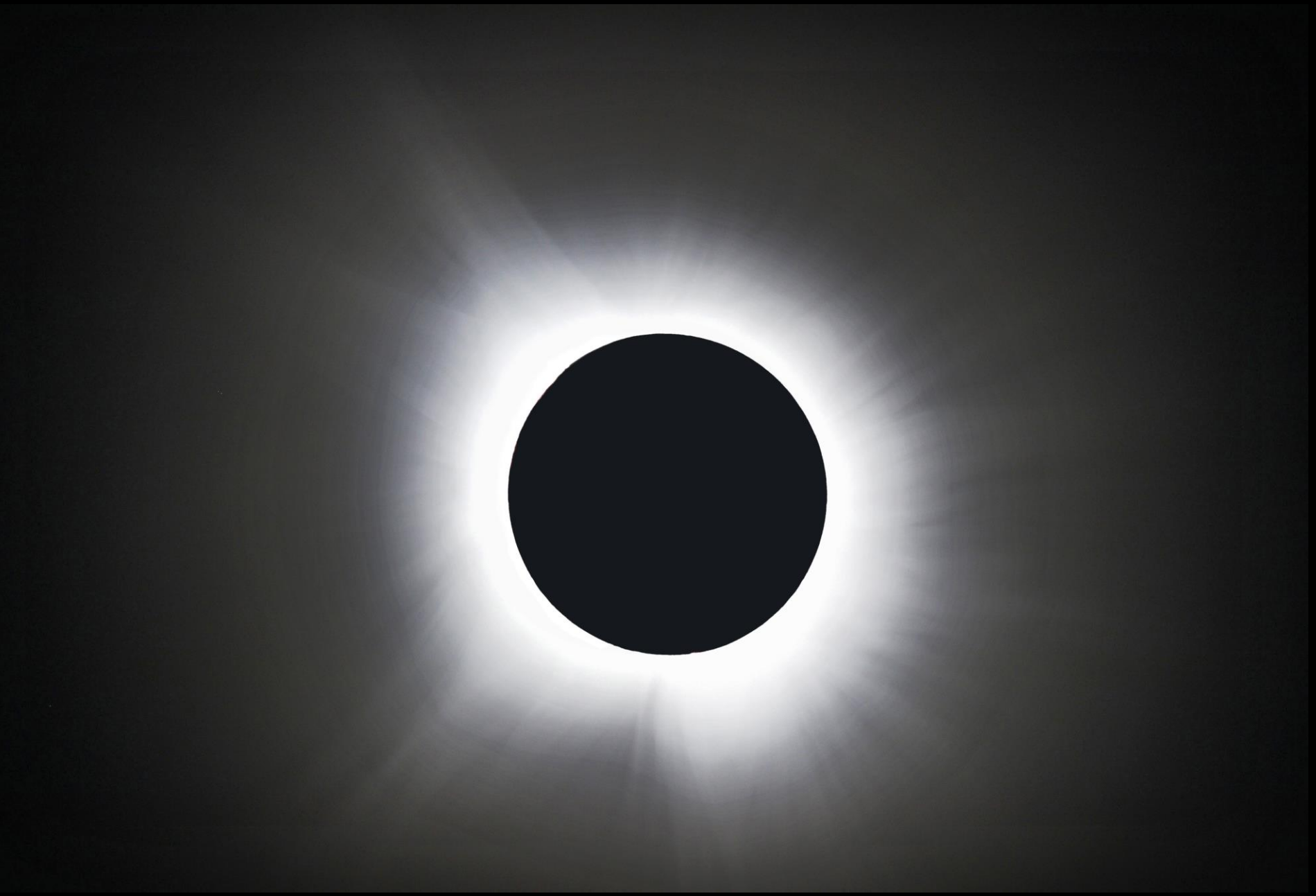
Sixty Seconds Before the Diamond Ring

Anthony Sparrow image

Gary A. Becker image

Gary A. Becker image

Gary A. Becker image



Gary A. Becker image

Gary A. Becker image

Gary A. Becker image

Gary A. Becker image

Gary A. Becker image

Peter K. Detterline Eclipse Photos

Peter Detterline image

Peter Detterline image

Peter K. Detterline image

Peter K. Detterline image

Peter K. Detterline image

Peter K. Detterline composite

Gary A. Becker image

Anthony Sparrow image


Mid-Totality
Anthony Sparrow image

Ryan Hannahoe image

Harley Bender image

Harley Bender image

Peyton Zankel image

Gary A. Becker video

Baily's Beads

Mountains projecting from the sun's limb, obscures sunlight while light still shines from the valleys between those mountains.

Ryan Hannahoe image

Sundog Departure

Sundogs are commonly caused by the refraction and scattering of light from horizontally oriented, plate-shaped hexagonal ice crystals either suspended in high and cold cirrus or cirrostratus clouds, or drifting in freezing moist air at low levels as diamond dust (Wikipedia).

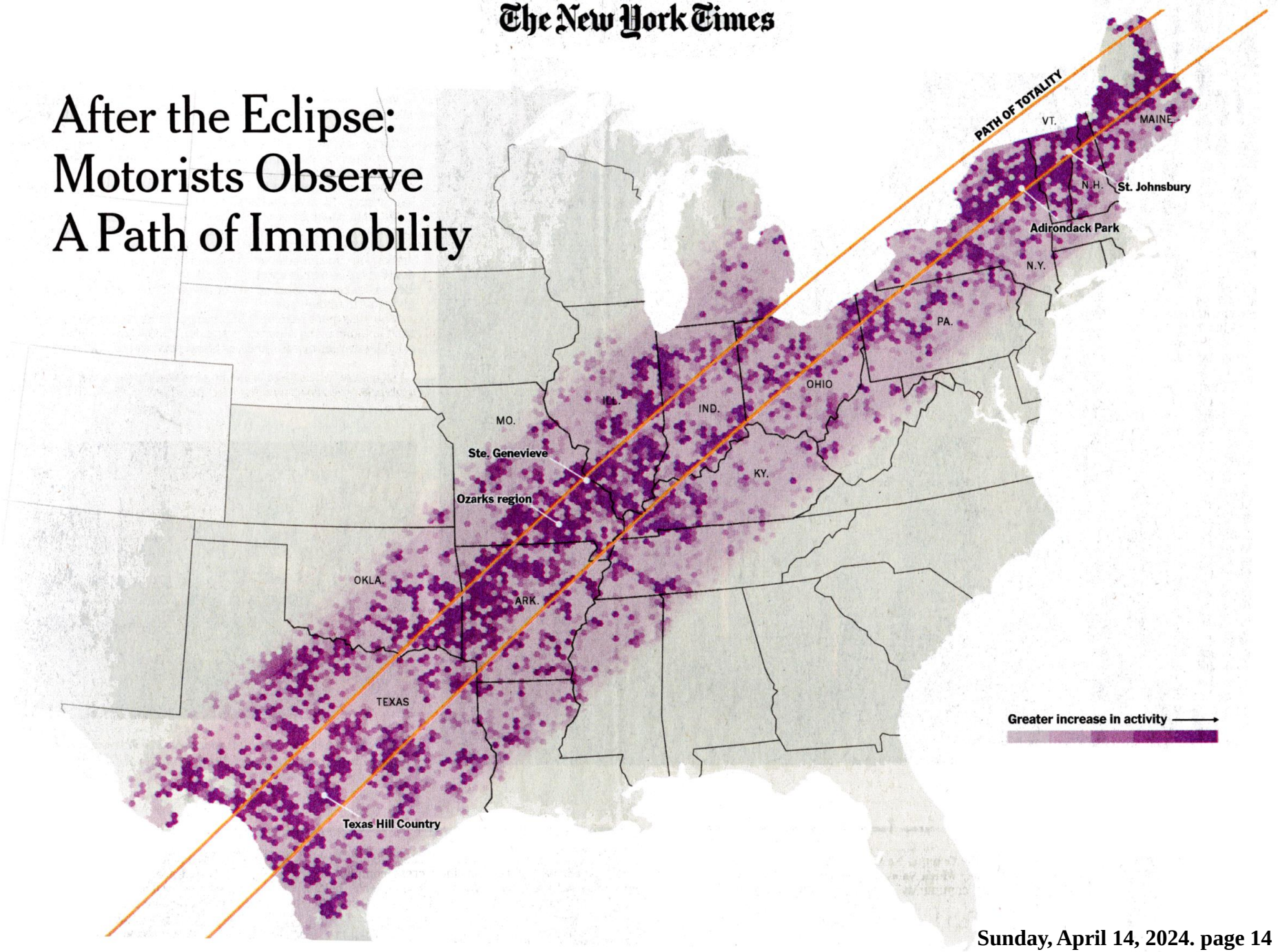
Gary A. Becker image

The TRAFFIC


THE PHOENIX BREWING COMPANY
TOTAL ECLIPSE OF THE TART
BLUEBERRY TART FRUIT ALE ABV: 5 % IBU: 10

The New York Times

After the Eclipse: Motorists Observe A Path of Immobility

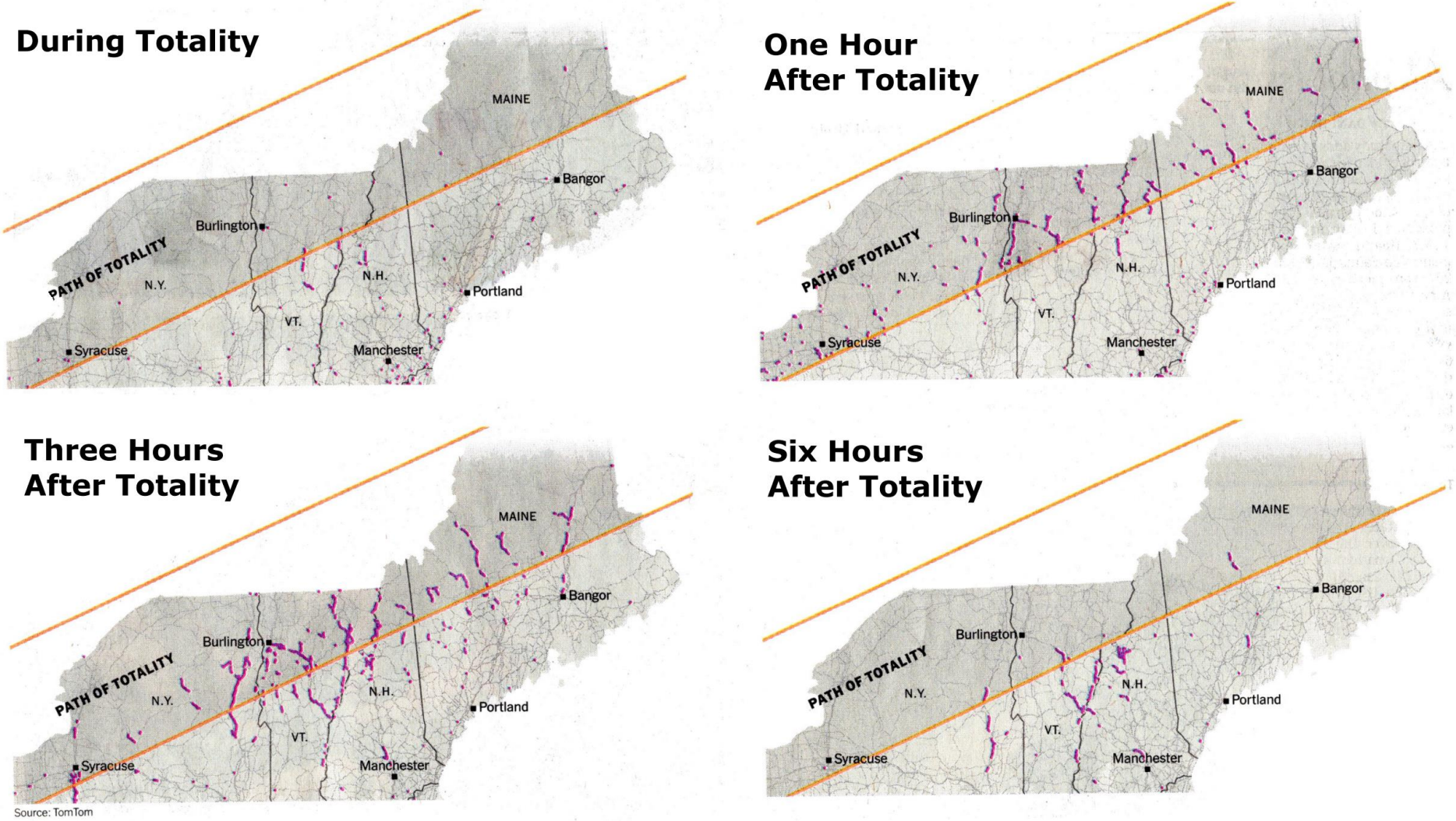


Fifty Miles North of Albany, 11:45 p.m.

Gary A. Becker image

The New York Times

Traffic Delays in the Northeast



Source: TomTom

Miles of Taillights on Interstates Last Hours Longer Than the Celestial Phenomenon in the Sky

Say Goodbye to the Sun

The Eclipse is at Hand!

Prepare Yourselves

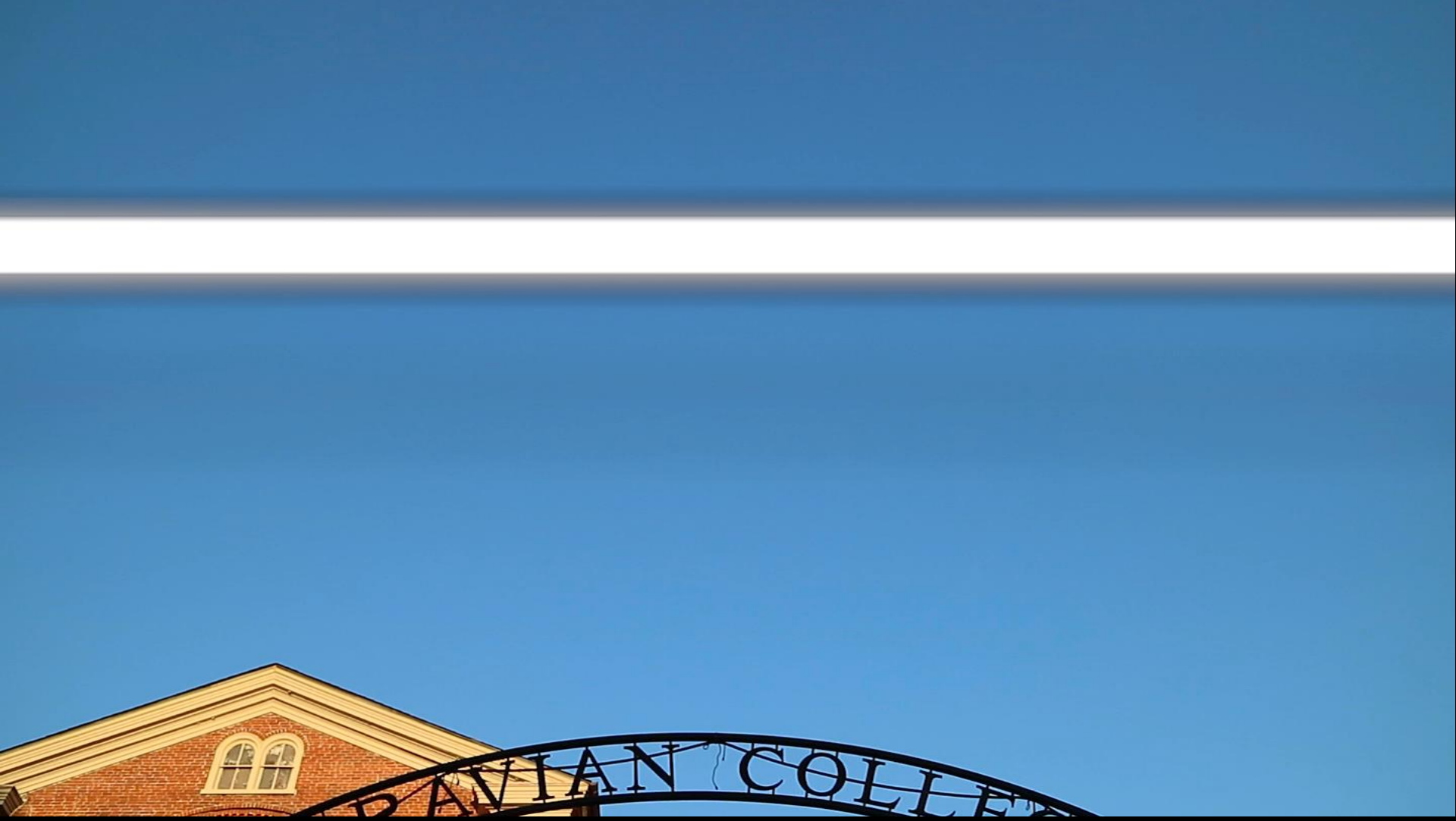
April 8, 2-4:30 p.m.

PPHAC Commons/HILL Lawn

(Weather Permitting)

Moravian University Astronomy

Verbiage, Physics 108
Gary A. Becker poster



Music: BerlinAires, New Worlds, Album, Supernova, YouTube.com
https://youtu.be/LaAKRwRSQ_8?si=GTHrgQSV2er_vy8E
Setuniman, Epic Intro OU_32m, Cinematic Intros Pack, freesound.org
https://freesound.org/people/Setuniman/sounds/165765/

Chris Thorn videographer

Moravian University

South Campus Station, HILL Green

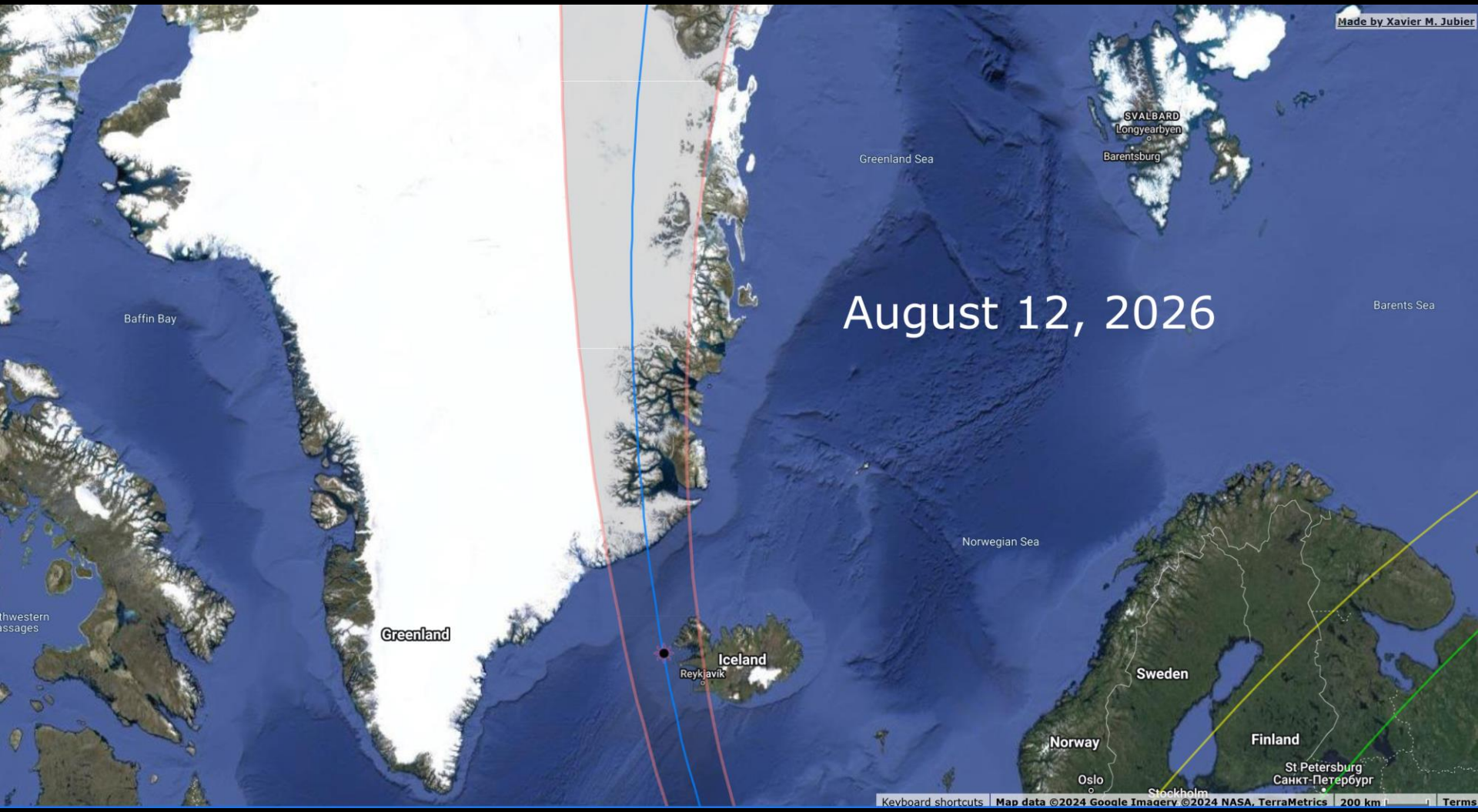
Regan Storm and Abigail Rochlin

Regan Storm, main image and inset below

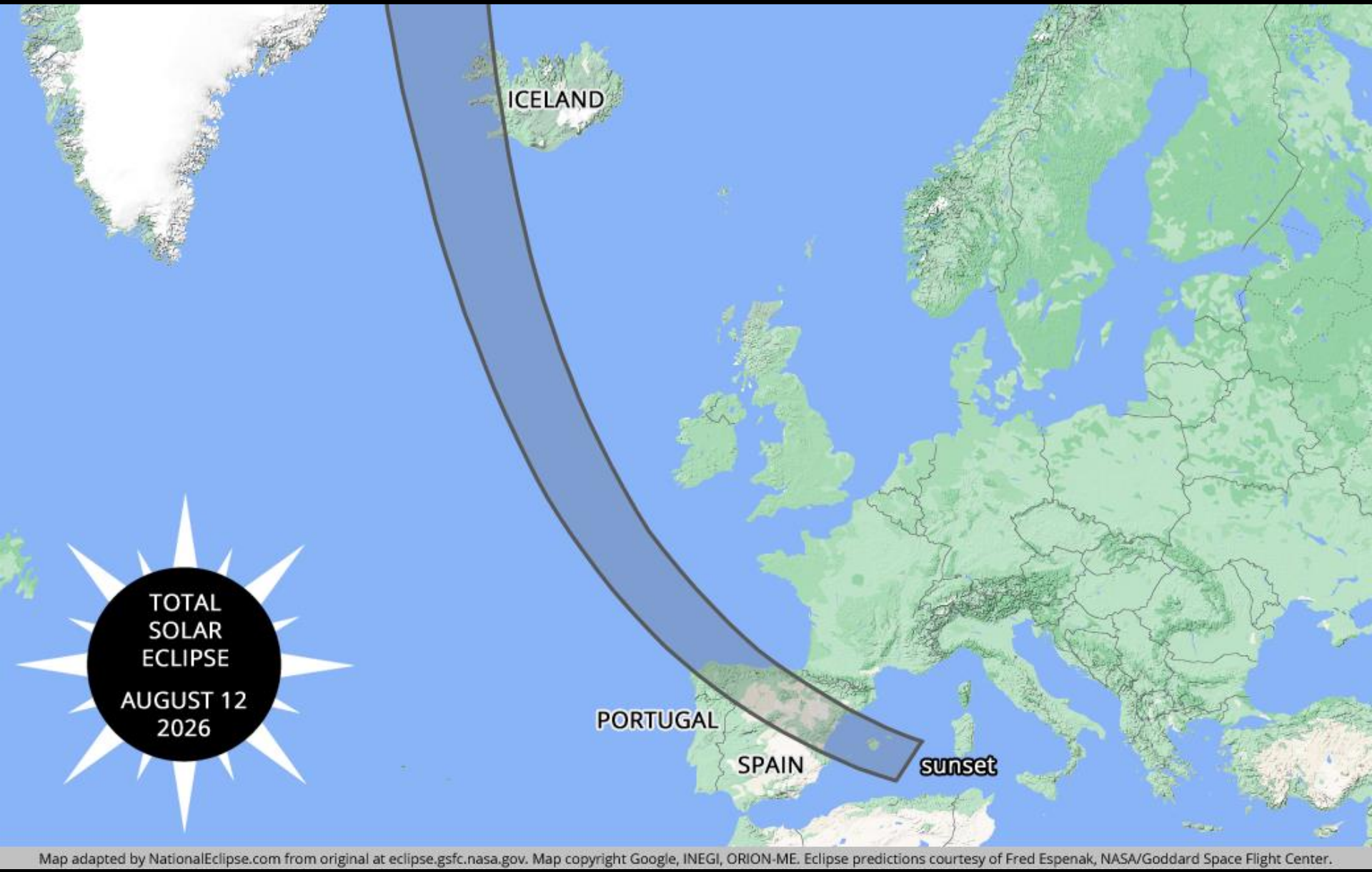
Emily Nyte image

Amanda Nicolosi images

Next Eclipse

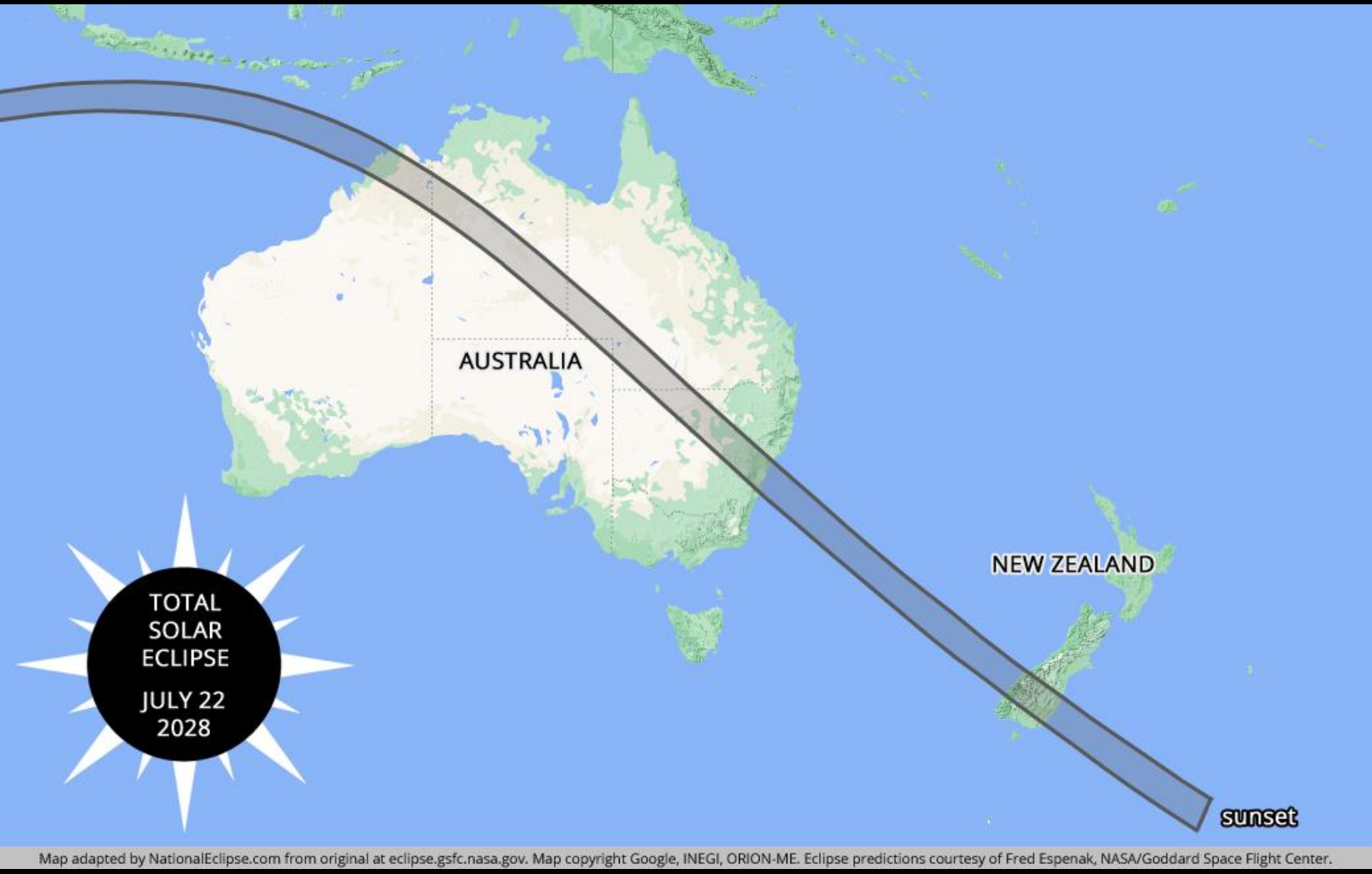


Google Maps/Xavier M. Jubier



Fred Espenak, NASA Goddard Space Flight Center

Fred Espenak, NASA Goddard Space Flight Center



Fred Espenak, NASA Goddard Space Flight Center

Finish