2:14 PM
FIRST CONTACT

Partial eclipse begins.
Edge of Moon starts to
overlap the Sun.

2:50 PM

The Moon partially
covers the Sun.

3:26 PM
SECOND CONTACT

Total eclipse begins.
The Moon covers the entire
disk of the Sun.

3:27 PM
TOTALITY

The Sun is completely covered.
The Sun's corona (outermost
atmosphere) is visible.

3:29 PM
THIRD CONTACT

Full eclipse ends.
The Moon continues its
path past the Sun.

4:03 PM

A greater portion
of the Sun
becomes visible.

4:37 PM
FOURTH CONTACT

Partial eclipse ends.
The full Sun is visible.

WATCH

Planets and bright stars appearing

Plant buds opening or closing

A 360º sunset

Note: *Wear eclipse glasses when looking directly at the Sun.*

HEAR

Daytime birds singing an evening song, quieting, then calling to the dawn

Nocturnal animals waking: crickets chirping, owls hooting, frogs croaking

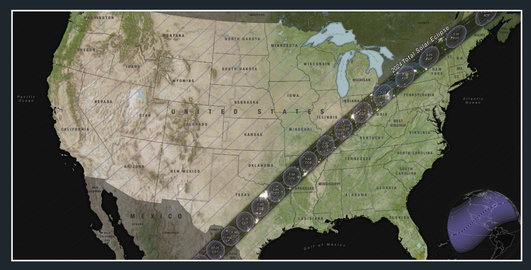
FEEL

The air cooling

Wind direction changing

Wind speed decreasing

A sudden stillness



NASA's Scientific Visualization Studio.

The path of the
Total Solar Eclipse
on April 8, 2024.

TOTAL SOLAR ECLIPSE

APRIL 8, 2024

Timing shown for Burlington, Vermont.

ECHO LEAHY CENTER FOR LAKE CHAMPLAIN

SIMONS FOUNDATION | IN THE PATH OF TOTALITY