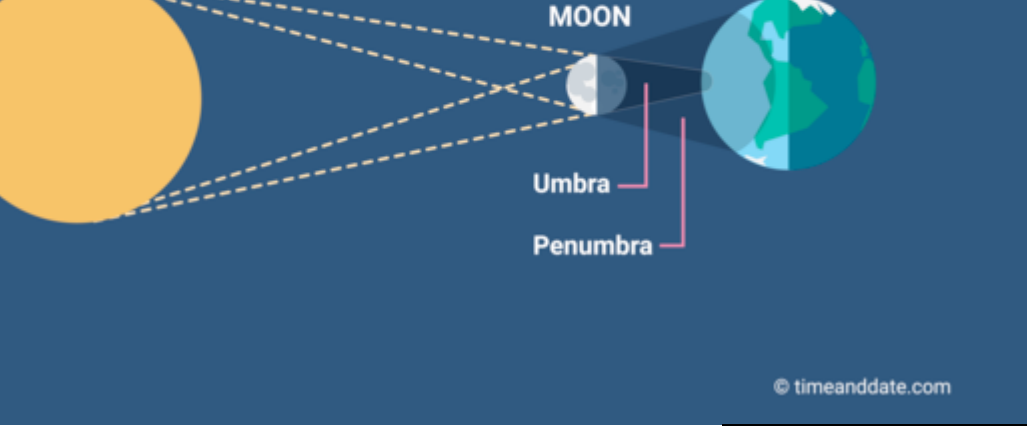




new moon

lunar node: where orbital planes meet

sun, Earth, and moon line up

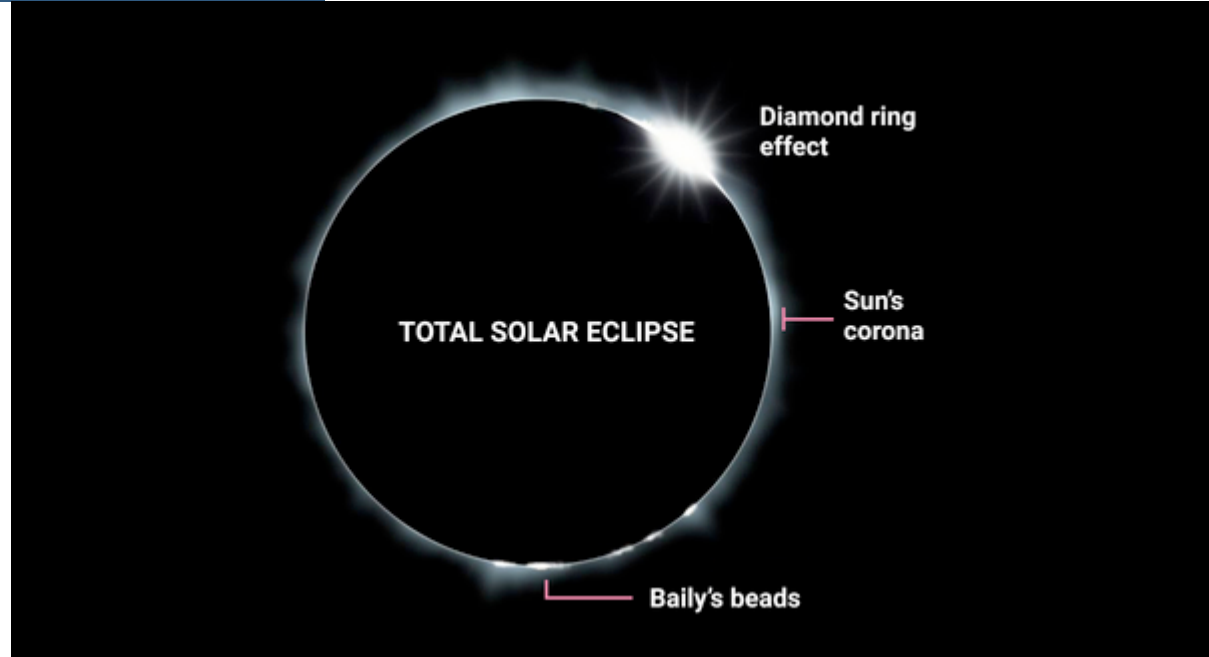
moon is near perigee (close)

path of totality = moon
100% covers the sun

diamond ring = corona + a
bit of sun

corona = rays

Baily's beads = sun lighting
up moon features





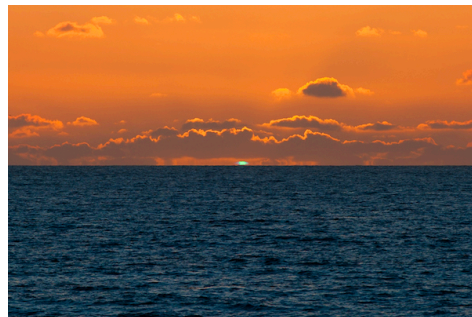
meteor shower



partial eclipse



lunar eclipse



sunrise/sunset



comet

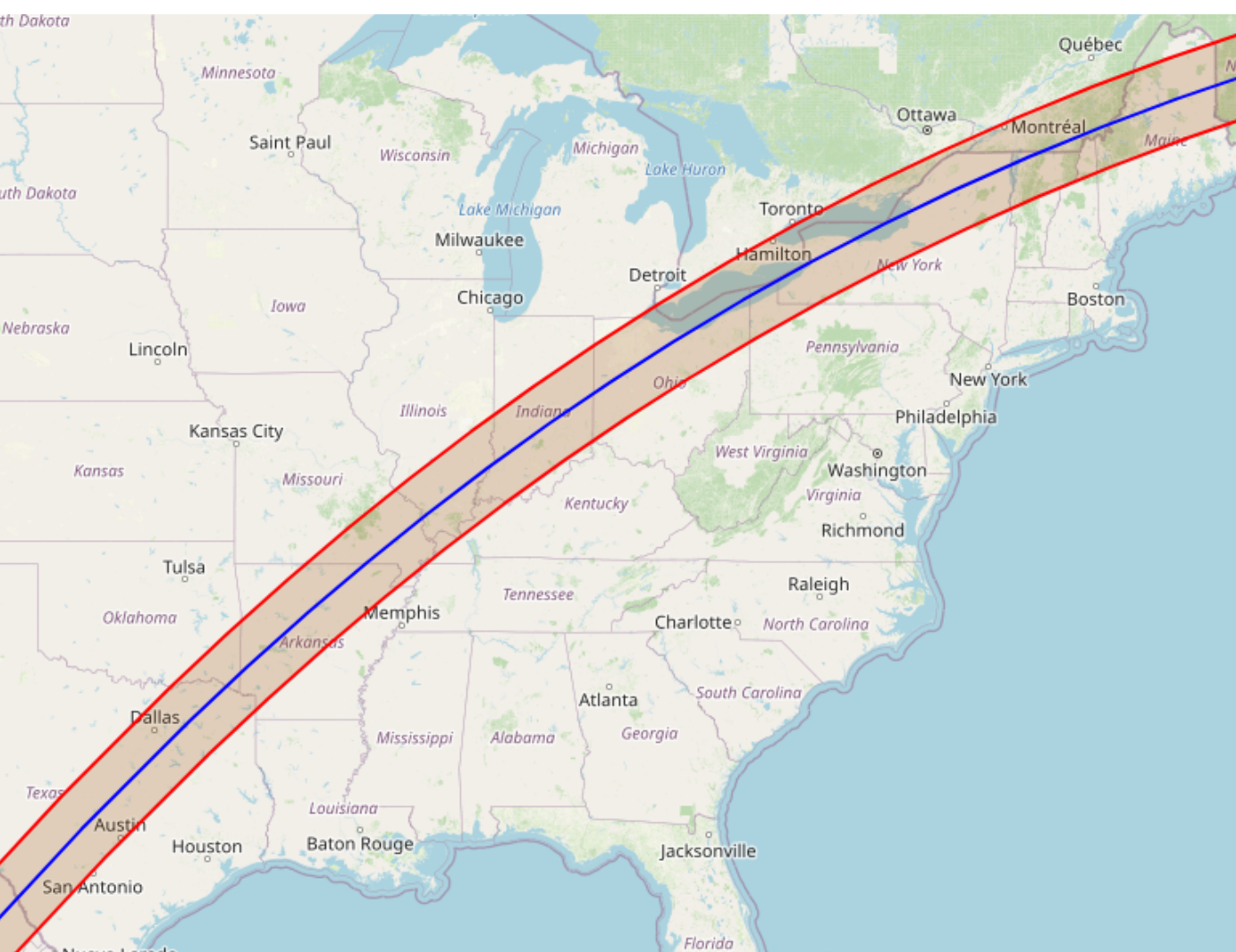


total solar eclipse

Want to see the total eclipse in 2024? Better make your plans now.

Cities with high visibility, such as Dallas, Cleveland and Buffalo, are already vying for visitors





April 8, 2024

1:30pm south TX

3:30pm NY/VT

Must be inside the
path of totality!

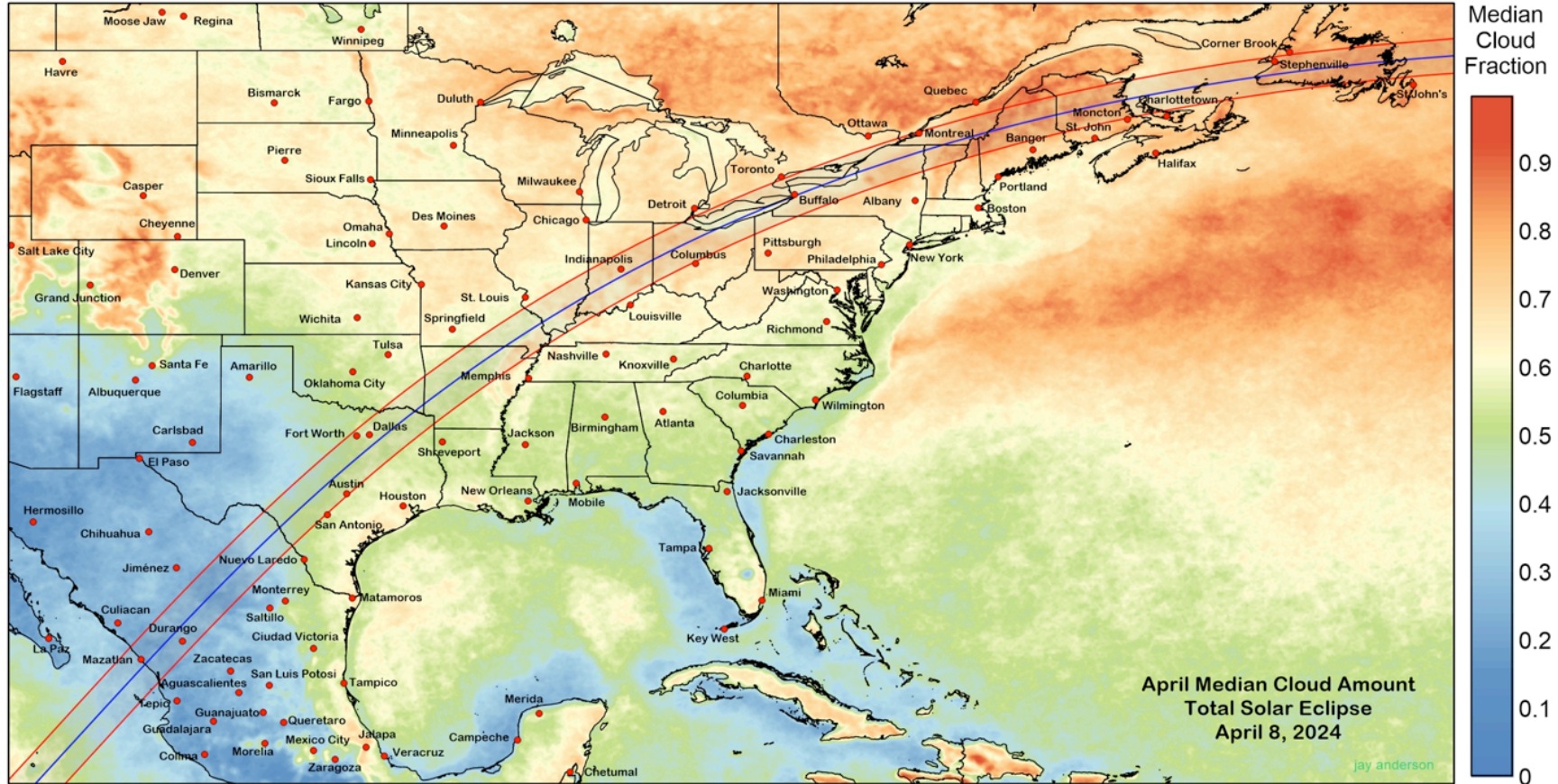
Closer to the center =
longer totality time

Interactive map

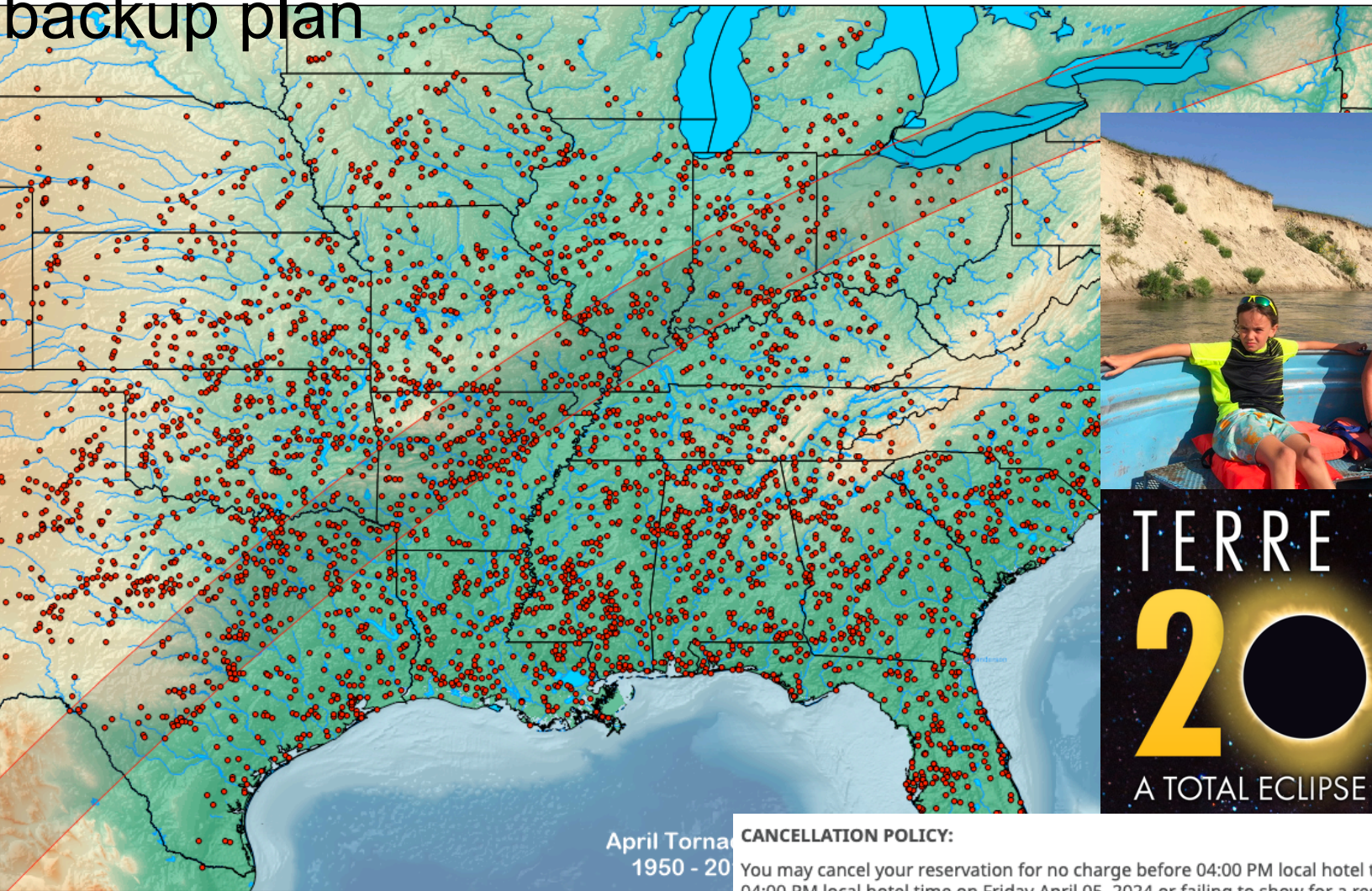
<https://eclipse2024.org>

Average April cloud cover 2000-2020, 1:30pm

<https://eclipsophile.com/2024tse/>



backup plan



TERRE HAUTE 2024

A TOTAL ECLIPSE OF THE HAUTE

April Tornado
1950 - 20

CANCELLATION POLICY:

You may cancel your reservation for no charge before 04:00 PM local hotel time on Friday April 05, 2024. 04:00 PM local hotel time on Friday April 05, 2024 or failing to show for a reservation will result in a charge.

mobility is key

 Hillsboro

 Duck Cove Marina and RV Pa...

☒ 103 mi, 1 hour, 30 minutes

 **Driving**

A Best Western Medical Center...

B Junction

[Add Destination](#)

☒ 163 mi, 2 hours, 36 minutes

 **Driving**

A Best Western Medical Center...

B Heart of Texas Wildlife Trail

[Add Destination](#)

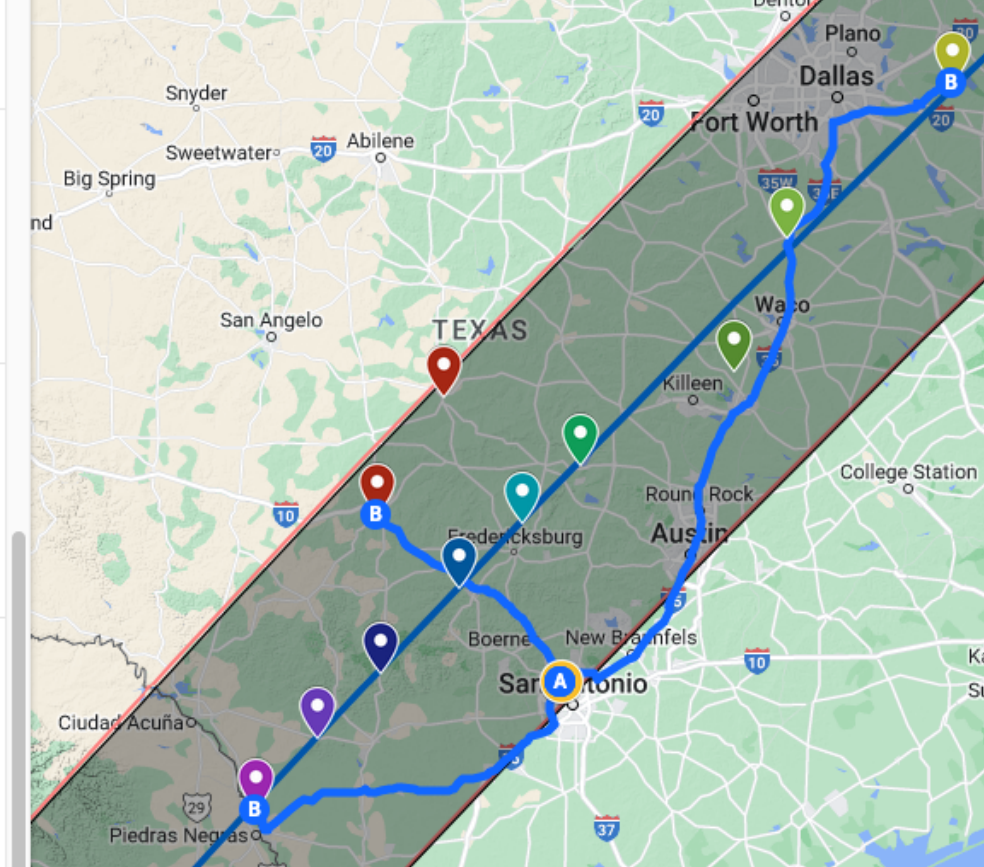
☒ 319 mi, 4 hours, 51 minutes

 **Driving**

A Best Western Medical Center...

B Duck Cove Marina and RV Pa...

[Add Destination](#)



best climatological prospects:

Junction and Brady TX

N side of the track in TX notably sunnier April climate than S

decide start point & max drive

identify multiple options

create list of cities for last-minute weather

Advance prep

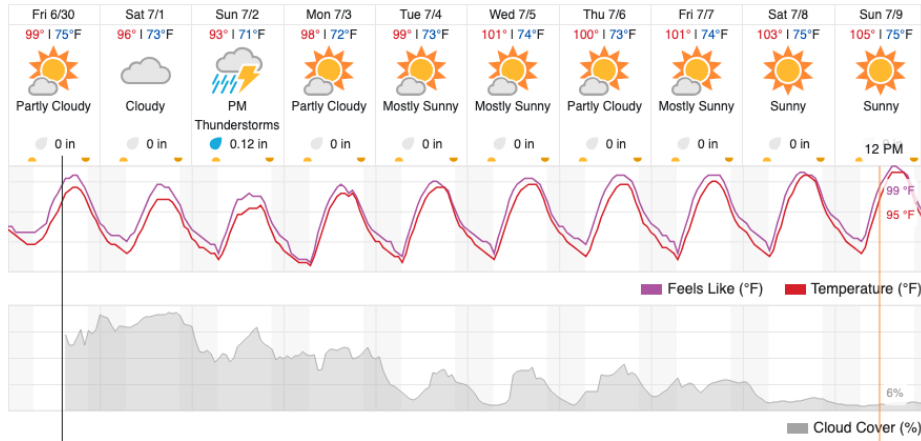
glasses may sell out

hotel reservation

weather with cloud cover ([Weather Underground](#))

offline maps

Sunday in a rural small town



day of

check the weather

picnic prep: blanket, chairs,
water, sunscreen, snacks

allow time for crowds

pick a spot

don't miss it trying to take
pictures





