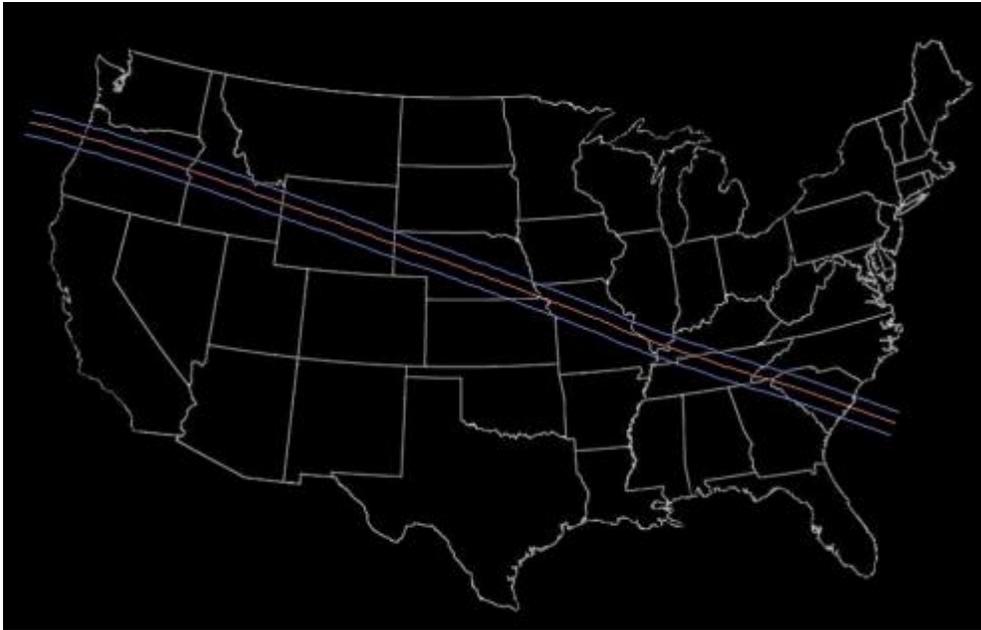


TOTAL SOLAR ECLIPSE AUGUST 21,



General Eclipse Information



The eclipse path really shines in this great midwestern state, cutting across endless miles of prairie, lots of good-sized cities, and one more state capital! Take a long lunch hour, and see an

eclipse! [Alliance](#) (2m30s at 11:49am) and [Scottsbluff](#) (1m43s at 11:48am) are the first larger cities to see the shadow, and [North Platte](#) (1m40s at 12:54pm CDT) hugs the southern edge. Folks there should hop up US83 to [Stapleton](#), to get more than two and a half minutes!

Moving east, the shadow engulfs [Hastings](#) at 12:58pm (for 2m13s of totality), but [Grand Island](#) (22 more seconds!) is an even better place to be!

Omaha is not in the path! Get down to [Lincoln](#), or better yet, farther south toward [Beatrice](#) (2m35s at 1:02pm), for a better show! THAT'S RIGHT - IN OMAHA, the eclipse will never be total for you! You will need to use your [eclipse glasses](#) for the entire *partial* eclipse!

And speaking of Lincoln, this second capital city in the path lies near its northern edge, so totality is shorter there - only 1m 25.5s (at 1:02pm) on the grounds of the beautiful State Capitol. The 50-yard-line at Husker stadium gets five seconds less time in the shadow, so you can see how important it is to get as far south as you can!

To give you an even better idea of how important your location is when you're this near the edge, you need look no further than the airport at Lincoln: Planes waiting to take off on the departure end of runway 17 (at the north end of the runway) will get only 1m7s of totality, while those at the south end of the runway (if traffic is departing on 35 that day) will get 18s more!!! Don't laugh - when you see the beauty of the eclipse, you will wish like anything that you had eighteen more seconds to see this most glorious sight!

The shadow leaves the capital, and the centerline then passes over [Falls City](#) at 1:04pm. The path's great trek through the Cornhusker State, after having travelled its entire length in only nineteen minutes(!), will be over at 1:07:50pm.

<http://www.eclipse2017.org/>

Local Solar Eclipse Activities

- North Platte, Nebraska Visitor Bureau's website:
<http://visitnorthplatte.com/events/2017-total-solar-eclipse/>
- Tryon Nebraska Activities
<https://www.eventbrite.com/e/eclipse-in-the-sandhills-tryon-nebraska-tickets-31454550407?ref=ecount>
- Stapleton Nebraska Activities
<https://www.eventbrite.com/e/stapleton-nebraska-eclipse-2017-tickets-31454502263?ref=ecount>

Eye Safety During Solar Eclipses

It is extremely important to take appropriate precautions while viewing the eclipse! Permanent eye damage can result by not following safety guidance. View the links below to get the best eye safety information.

Be aware of “fake” (uncertified) eclipse glasses

https://eclipse2017.nasa.gov/sites/default/files/publications/Safety_508.pdf

<https://eclipse.gsfc.nasa.gov/SEhelp/safety2.html>

<https://www.nasa.gov/content/eye-safety-during-a-total-solar-eclipse>

Extreme Heat Safety

<https://www.cdc.gov/extremeheat/>

Mosquitoes & Ticks

August is a very active time for mosquitoes in the area, with the presence of West Nile virus (WNV) in mosquitoes not uncommon in late summer. Mosquitoes in southern Nebraska do not carry Zika virus, however. Individuals outside at dusk or dawn are more likely to be bitten by mosquitoes that can carry WNV. Event participants can reduce the risk of mosquito bites by wearing long sleeves and pants, and using an EPA-registered repellent.

Several tick species exist in Nebraska. These ticks can carry a number of diseases, including Rocky Mountain spotted fever, anaplasmosis, ehrlichiosis, and others. Eclipse event planners can take steps prior to the event to reduce tick populations, and post a tick awareness poster. Event participants can avoid wooded or grassy areas, use repellents containing at least 20% DEET, treat clothing with permethrin, and shower after being outdoors to reduce the risk of tick bites.

Smoking

West Central District Health Department enforces the Nebraska Clean Indoor Air Act. Smoking is prohibited inside public places and buildings, including restaurants and bars. Lodging facilities must designate at least 80% of their rooms as non-smoking. Complaints can be [submitted online](#).