

Nora (2021)

Dates: 25 August - 30 August 2021

Peak Intensity: Category 1

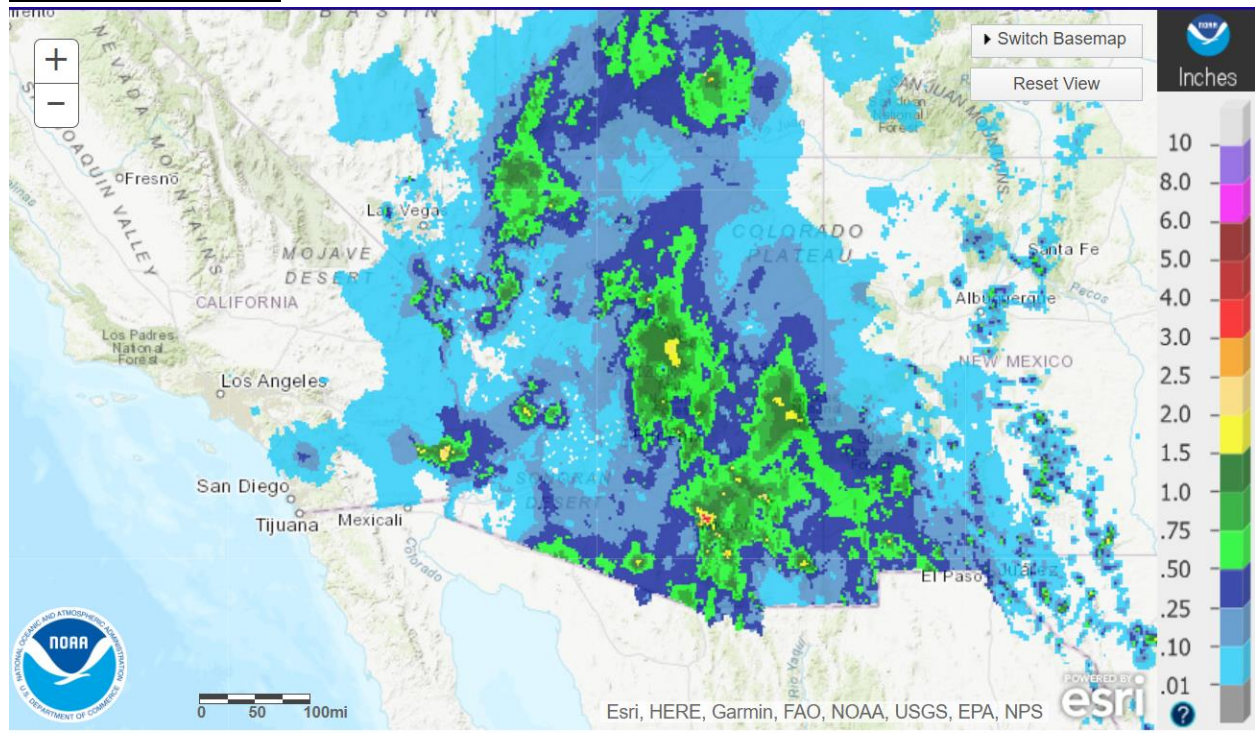
Nora formed off an easterly wave from the coast of West Africa on August 13. By August 22nd, the wave had made it to Central America, and on the 23rd it was interacting with an already existing monsoon trough in the eastern Pacific. On August 25th, Nora became a Tropical Depression about 300 n mi south south-east of Acapulco, Mexico, and intensified to a Tropical Storm about 6 hours later. Nora then turned rightward as it strengthened and approached southwestern Mexico's coastline. It was as it approached Manzanillo, Mexico that Nora gained hurricane status. As she intensified, her eyewall closed and she headed northward towards the Mexican coast. After making landfall in Jalisco, Mexico, Nora began to weaken and continued to weaken due to land interaction. This led to Nora becoming a tropical storm on August 30th.

Remnants of Nora made their way into Arizona and produced heavy rain north of Tucson (near Mt. Lemmon). Near Sells, about 3 in. fell in the mountainous areas on August 31st, 2021. The Artesia Wash flooded after 1.5 in. of rain fell for about 3 hours. In Sonoita, a funnel cloud was observed a day later on September 1st, 2021, though no tornado was produced from it.

Storm Track:



Precipitation Totals



References:

https://www.nhc.noaa.gov/data/tcr/EP142021_Nora.pdf

<https://water.weather.gov/precip/>

<https://www.ncdc.noaa.gov/stormevents/eventdetails.jsp?id=983569>

<https://www.ncdc.noaa.gov/stormevents/eventdetails.jsp?id=984757>

<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=AFDTWC&e=202109010958>