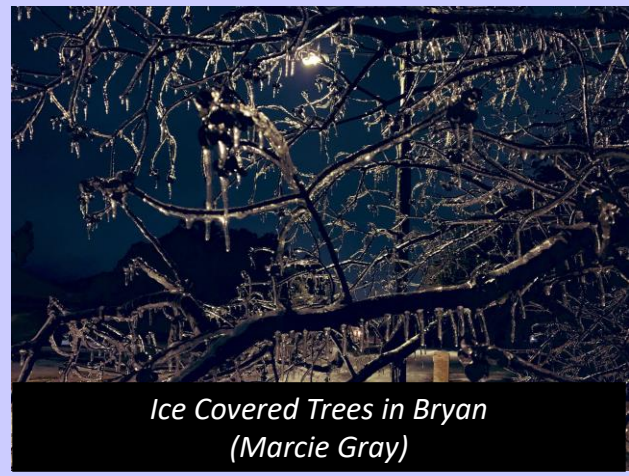
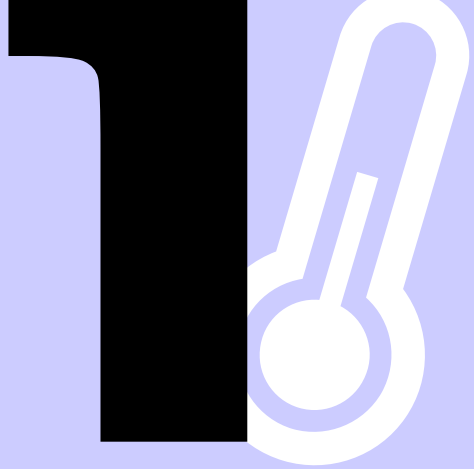
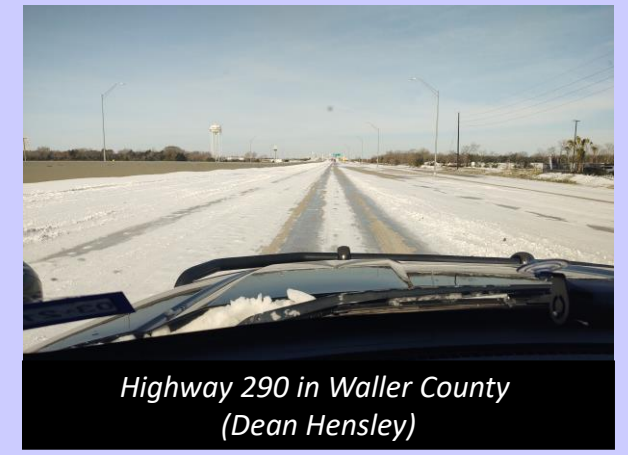
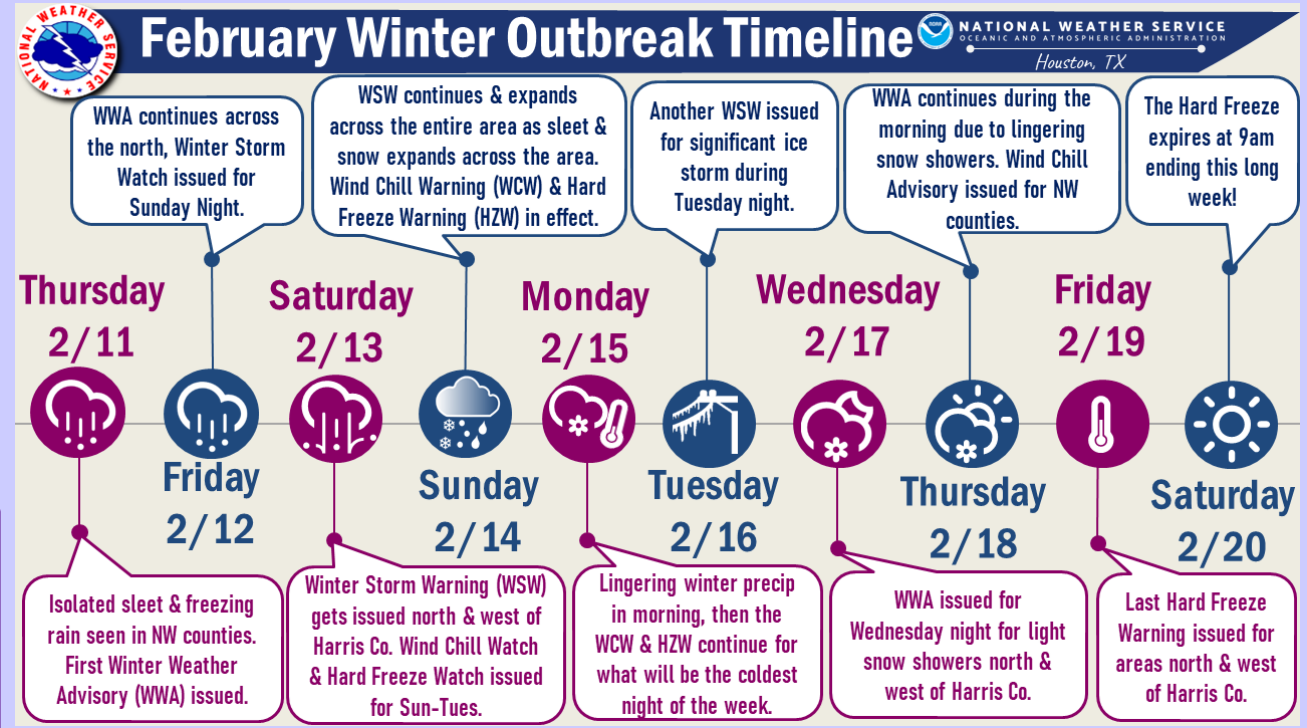


1 February Historic Winter Outbreak



The Winter Outbreak that occurred on Valentine's Week 2021 brought not only snow, sleet, and freezing rain to Southeast Texas, but also extreme cold temperatures that lasted for several days. This was one of the most impactful winter events in recent history that brought multiday road closures, power outages, loss of heat, broken pipes, and other societal impacts for the region. While the damage is still being assessed, this will likely go down as the first billion dollar disaster of 2021 globally, and potentially the most costly weather disaster for the state of Texas in history, surpassing even Hurricane Harvey from 2017.



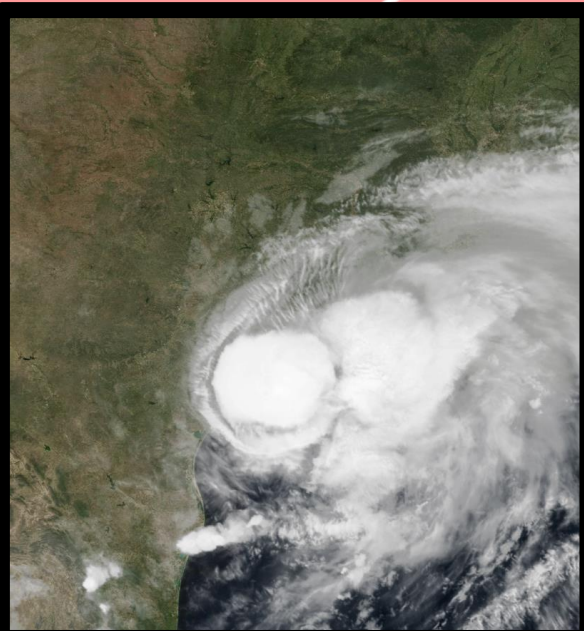
2 Hurricane Nicolas

| Formed | Dissipated | Min Pressure | Max Sustained Wind |
|-----------------------|-----------------------|--------------|--------------------|
| Sept 12 th | Sept 18 th | 988 mb | 75 mph |

On Sunday, September 12, Tropical Storm Nicholas formed in the southwestern Gulf of Mexico, about 130 miles northeast of Veracruz, Mexico. It strengthened gradually as it moved northward along the western edge of the Gulf of Mexico, bringing rains to the Texas Gulf Coast as it slid along its track not far off the coastline through Sunday and Monday.

On Monday night, shortly before it made landfall, Nicholas was upgraded to a hurricane as it produced wind gusts as high as 94 mph at a WeatherFlow sensor on Matagorda Bay. The storm made landfall shortly after midnight on Tuesday about 10 miles west-southwest of Sargent Beach, in rural Matagorda County.

Through Monday night and into Tuesday morning, the storm brought gusty winds to much of coastal Southeast Texas, resulting in power outages to nearly half a million people. It also dumped several inches of rain on the Southeast Texas Gulf Coast and barrier islands, resulting in flash flooding.



Hurricane Nicolas on September 14th, 2021 as it made landfall





April Severe Hail Event

*Large hail in Bryan
(Miriam & Anna Sanders)*



*Pile of hail in College Station
(Ian Gunter)*



In the afternoon of April 8th, 2021, a singular thunderstorm developed in Comanche County, but quickly gained strength and began to produce large hail in northern Comanche County by 5pm. The thunderstorm split over Erath County at around 5:30pm as it progressed eastward. The weaker cell split to the north of the town of Hico and then eventually just south of Dallas before dying. The other cell moved south towards the Town of Waco strengthening into a long-lived Severe Thunderstorm dropping large hail as it went. It continued on this trajectory approaching the Burleson/Brazos County border around 8:30pm. The first Severe Thunderstorm Warning was issued at 8:39pm CDT for portions of Burleson, Brazos, and Grimes counties with the first report of hail falling in Brazos County at 8:50pm. The most significant hail in our area fell in Bryan-College Station area between 9:00 - 9:30pm CST where 1" to 2.75" (the size from a quarter to a baseball) fell. A Tornado Warning was issued as the storm moved over the College Station area due to radar-indicated circulation, though no tornado has been confirmed for this storm at the writing of this summary. The storm continued its southeastward motion into southern Grimes County before eventually dissipating in western Montgomery County at around 10:30pm CDT.

