

Weekly Situation Awareness Briefing

Office of Student Affairs | Midwestern State University

August 3 – August 9, 2020

Prepared by: Eric Queller

Weather For The Week

In collaboration with the Norman OK
National Weather Service Forecast Office.



Summary of the Week

August 3, 2020 - August 9, 2020

Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night
								
Mostly Clear	Sunny	Mostly Clear then Slight Chance T-storms	Mostly Sunny	Partly Cloudy	Hot	Partly Cloudy	Hot	Mostly Clear
Low: 68 °F	High: 93 °F	Low: 70 °F	High: 96 °F	Low: 75 °F	High: 99 °F	Low: 77 °F	High: 99 °F	Low: 76 °F

Hazardous Weather Outlook

Tonight: Mostly clear, with a low around 68. East wind around 8 mph.

Tuesday: Sunny, with a high near 93. East southeast wind 7 to 13 mph.

Tuesday Night: A 20 percent chance of showers and thunderstorms after 1am. Partly cloudy, with a low around 70. East southeast wind 9 to 11 mph.

Wednesday: Mostly sunny, with a high near 96. Heat index values as high as 100. Southeast wind around 10 mph.

Wednesday Night: Partly cloudy, with a low around 75. Southeast wind 8 to 13 mph.

Thursday: Mostly sunny and hot, with a high near 99.

Thursday Night: Partly cloudy, with a low around 77.

Friday: Mostly sunny and hot, with a high near 99.

Friday Night: Mostly clear, with a low around 76.

Saturday: Sunny and hot, with a high near 99.

Saturday Night: Mostly clear, with a low around 76.

Sunday: Sunny and hot, with a high near 98.

Sunday Night: Mostly clear, with a low around 76.

Monday: Sunny and hot, with a high near 99.

- Nothing of concern.

Hazard Planer



August 3, 2020 - August 9, 2020

Day / Threat	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Severe Storms							
Heavy Rain / Flash Flooding							
Fire Weather							
Wind							
Heat							

	Very Rare- Once Every 5-10 years
	Rare – Once Every 1-5 years
	Uncommon- A Few Times a Year
	Common – Happened Frequently
	Very Common- Happened Often
	No Weather Threats

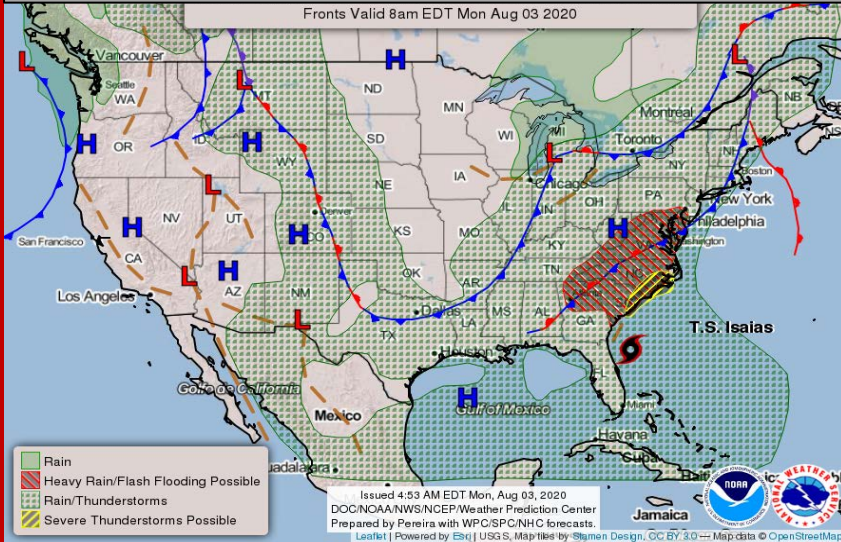
*Threat levels are based on the NWS Severe Thunderstorm Risk Categories
 For more details on the colors in the treat matrix refer to slide 11 in the briefing (last weather slide).

Short Term Forecast (Monday AM/PM)

August 3, 2020 - August 9, 2020

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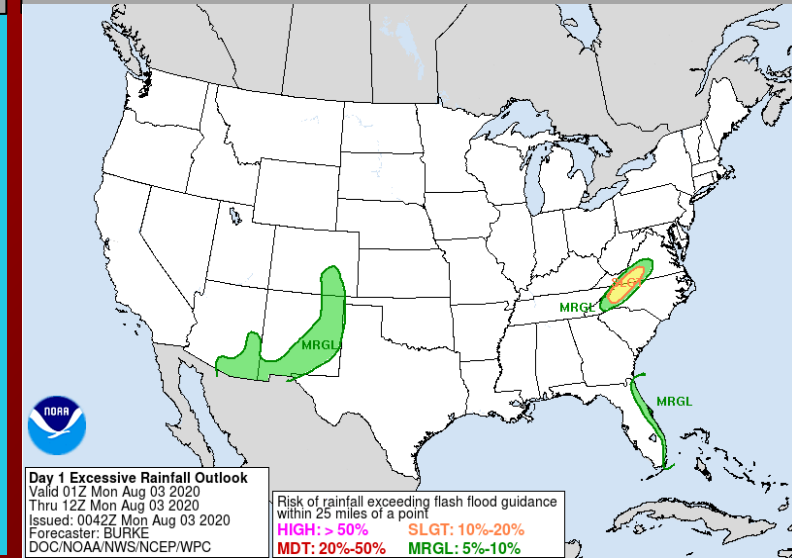
Forecast Chart



Hazardous Weather Outlook

No Severe Weather Outlook

Excessive Rainfall Outlook



.SHORT TERM...

(This evening through Tuesday)

Issued at 314 PM CDT Mon Aug 3 2020 An MCV is present near Durham this afternoon, and is moving SSE. Visible imagery suggests minimal cu is trying to develop ahead of it under cirrus shield so have only kept SChcs in for this afternoon. Precip coverage should remain limited at best for the rest of the day if any manages to develop. Late tonight into early tomorrow morning, theae ridge axis will continue to shift eastward and decent WAA will develop from 09-15Z near I-35. This should result in at least showers developing through the morning hours, and at least low coverage could extend as far south as the Red River just before lunchtime. The highest PoPs are still expected late Tue into early Wed morning as a mid level shortwave trough moves off the high plains and into northern and central OK. One or two complexes of storms will be possible. Temps will remain seasonably cool tomorrow, with a surface high lingering to our NE.

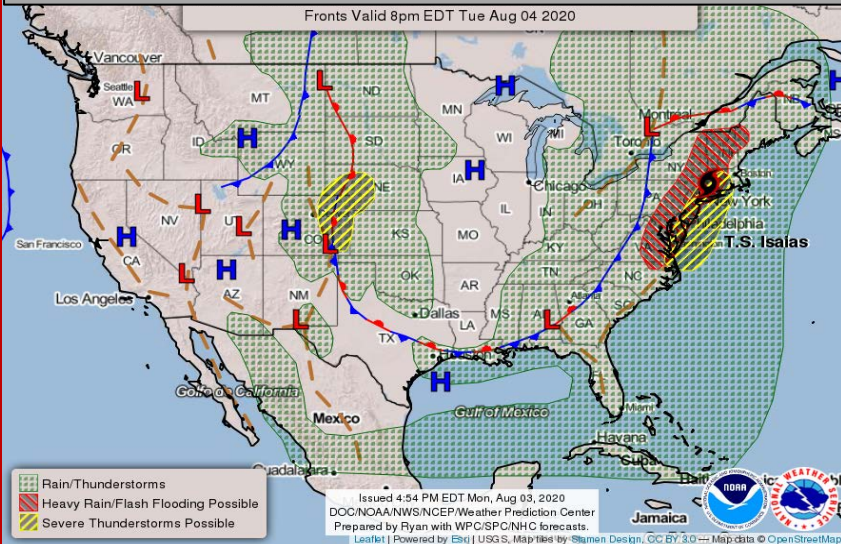
[Link to Forecast Discussion](#)

Tuesday Forecast (Tuesday AM/PM)

August 3, 2020 - August 9, 2020

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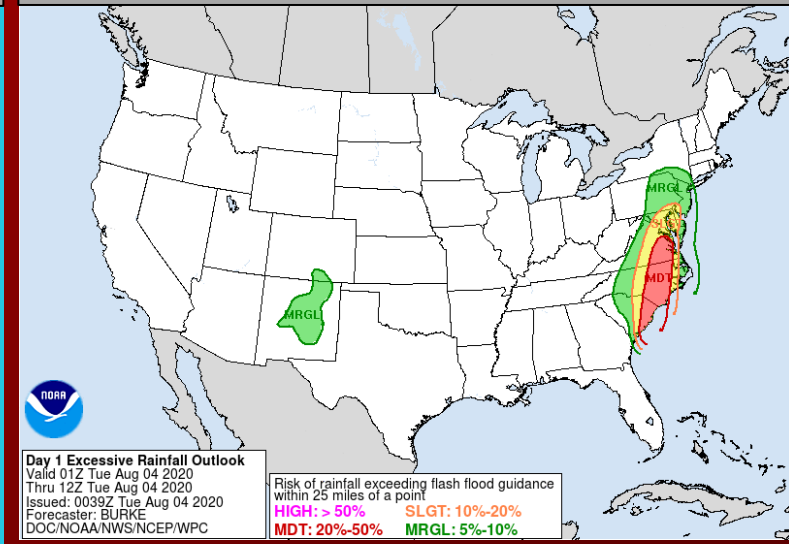
Forecast Chart



Hazard Weather Outlook

No Severe Weather Outlook

Excessive Rainfall Outlook



.SHORT TERM...

(This evening through Tuesday)

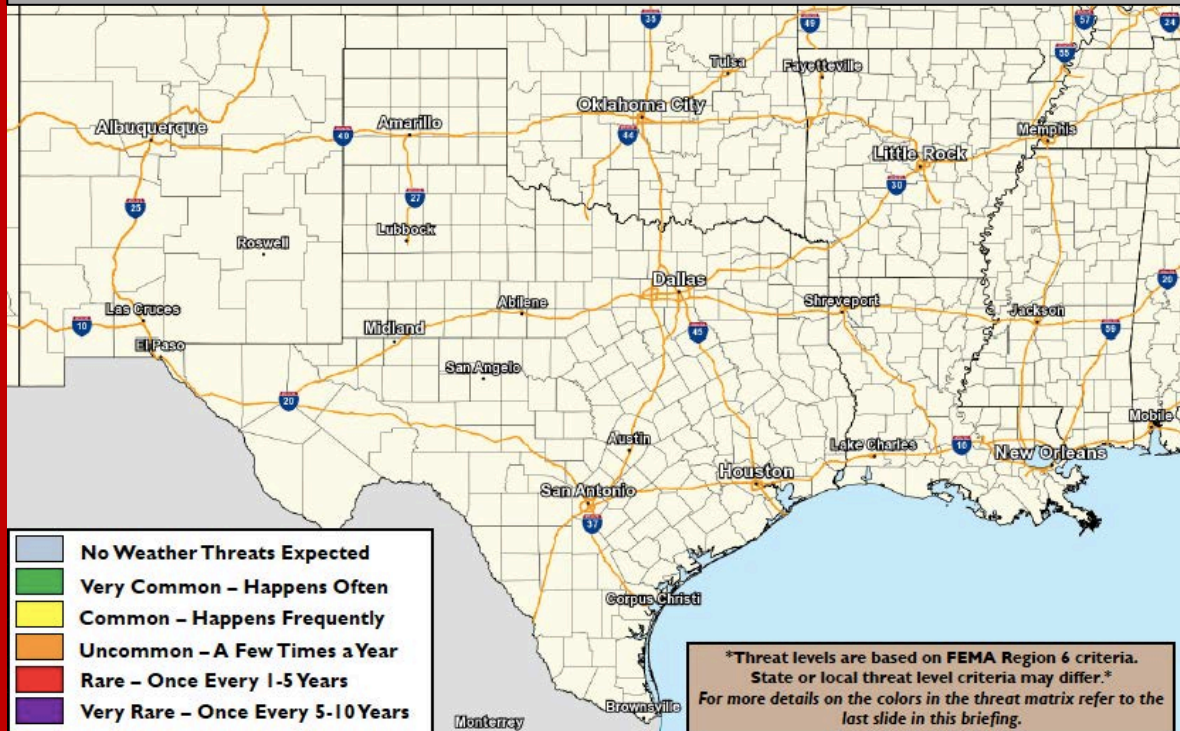
Issued at 3:14 PM CDT Mon Aug 3 2020 An MCV is present near Durham this afternoon, and is moving SSE. Visible imagery suggests minimal cu is trying to develop ahead of it under cirrus shield so have only kept SChcs in for this afternoon. Precip coverage should remain limited at best for the rest of the day if any manages to develop. Late tonight into early tomorrow morning, theta ridge axis will continue to shift eastward and decent WAA will develop from 09-15Z near I-35. This should result in at least showers developing through the morning hours, and at least low coverage could extend as far south as the Red River just before lunchtime. The highest PoPs are still expected late Tue into early Wed morning as a mid level shortwave trough moves off the high plains and into northern and central OK. One or two complexes of storms will be possible. Temps will remain seasonably cool tomorrow, with a surface high lingering to our NE.

[Link to Forecast Discussion](#)

Long Term Forecast (Rest of Week)

August 3, 2020 - August 9, 2020

Weather Hazards



.LONG TERM...

(Tuesday night through next Sunday)

Issued at 3:14 PM CDT Mon Aug 3 2020

Shower and thunderstorm activity may linger a bit across eastern zones Wednesday morning as the shortwave passes by to our east but should diminish by the afternoon. Models show another round of showers and storms possible Wednesday night into Thursday associated with another round of warm air advection as a weak shortwave moves southward out of Kansas. This round will likely be a bit further east, with highest chances of rain focused over our eastern zones. Later Thursday into the weekend, the upper ridge expands eastward over the southern plains. This will increase our temperatures to near or slightly above average. Rain chances will decrease during this period for most of the area, with the exception of far northern Oklahoma where slight chances of showers and thunderstorms remain during the evening each day.

Tropical Weather Outlooks – Atlantic/Gulf

August 3, 2020 - August 9, 2020

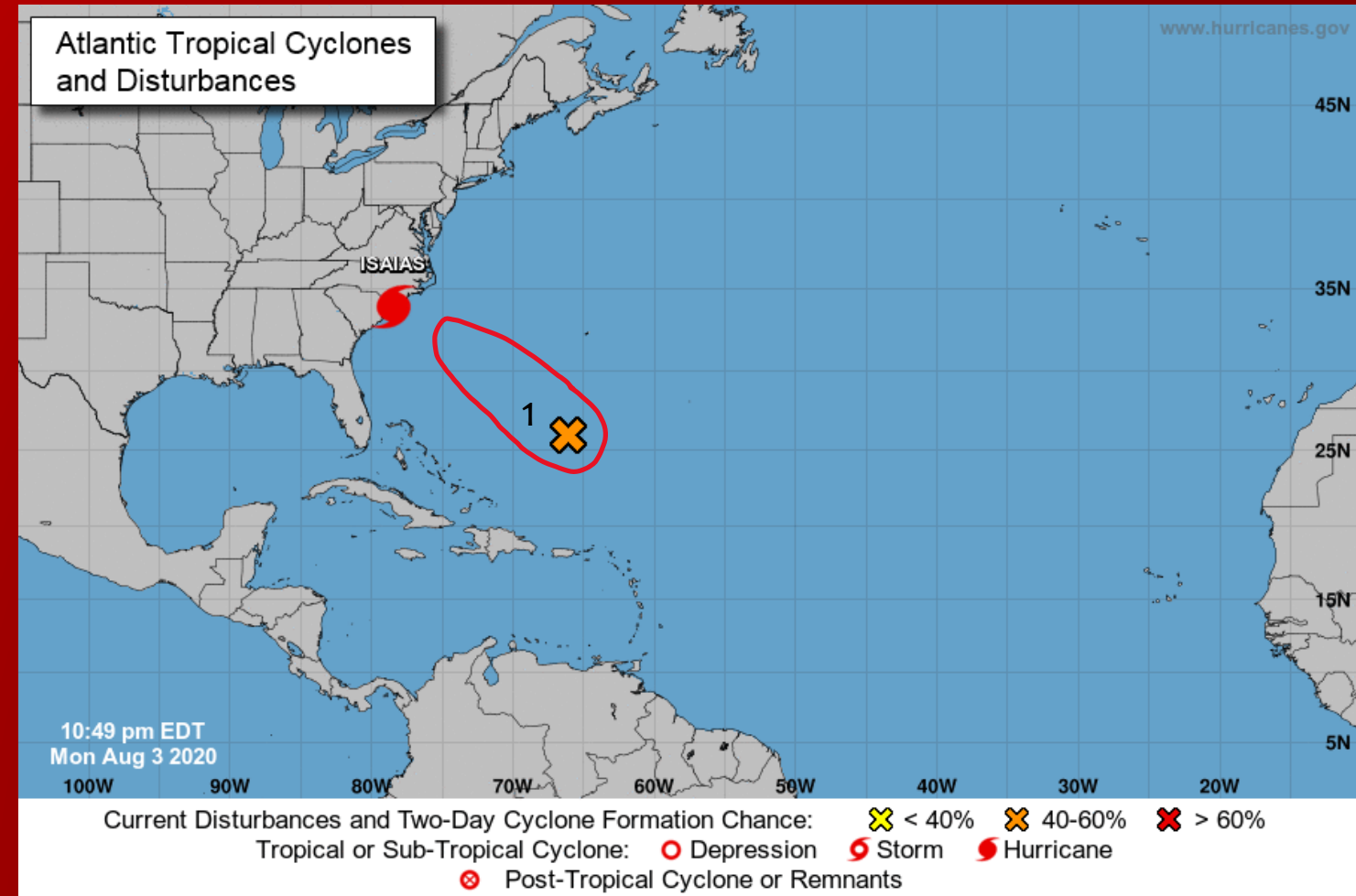
Areas of Possible Development

Area	Chance of Development	Potential Impact to Texas Cost
1	Medium	None.

Active Tropical Cyclones

Storm	Potential Impact to Texas
Isaias	None.

See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



Weather “Threat Matrix

Color	Definition	Criteria	Example(s)
Green	<p>Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typical Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC Flooding: Minor Flooding expected over localized areas. Fire Weather: No/Watches/Warnings, fuel moisture above 10% or green up active.</p>	<ul style="list-style-type: none"> Thunderstorms expected over MSU Texas; a few may produce winds to knock down a few trees
Yellow	<p>Somewhat Common – Happens Frequently</p> <p>Safety: Rarely a Direct Threat to Life and Property. Impact Potential: Typical Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC Flooding: Nuisance Flooded expected for a widespread area, or Minor flooding expected isolated areas. Fire Weather: Red Flag Watch/Warning and/or SPC outlines enhanced or critical fire outlook.</p>	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central North Texas towns today; some minor street flooding. Scattered severe storms possible, one or two tornadoes expected, along with strong winds and large hail.
Orange	<p>Uncommon – A Few Times a Year</p> <p>Safety: Often Threatening to Life and Property, some Damage Unavoidable. Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC Flooding: Minor Flooding expected over a widespread area (including urban locations), or. Moderate flooding expected over isolated areas. Flooding: Fire Weather: Critical fire outlook for more than 2 consecutive days, Warnings for or more consecutive days, D3-D4 drought conditions.</p>	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near Wichita Falls area tomorrow morning; travel impacts likely. Numerous severe storms possible with few tornados possible along with severe winds and large damaging winds.
Red	<p>Rare – Once every 1-5 Years</p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed. Impact Potential: Will likely result in Large Disruption of Daily Life</p>	<p>Severe: Moderate Risk from SPC. Flooding: Moderate flooding expected over widespread area (including urban locations). Fire: Fire Weather: Large area of critical conditions for 2 or more days, Warning for 3 or more days, severe to extreme drought.</p>	<ul style="list-style-type: none"> Widespread severe storms likely, strong tornadoes, widespread wind damages, and destructive hail. Large fires ongoing throughout the area with critical fire weather conditions expected to continue.
Pink	<p>Very Rare- Once Every 5-10 Years</p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed. Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life.</p>	<p>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area Fire: Large are of critical conditions for 2 or more days, Warnings for 3 for more days, Long Term (Months) of severe to extreme drought.</p>	<ul style="list-style-type: none"> Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms .



Student Affairs

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Incidents, Events & Important Information

In collaboration with MSU Texas Police
Department, Student Leadership & Development,
WFPD, WFEM, WFFD, NWS, & TDEM

Incidents Reported In The Last 168 Hours

August 3, 2020 - August 9, 2020

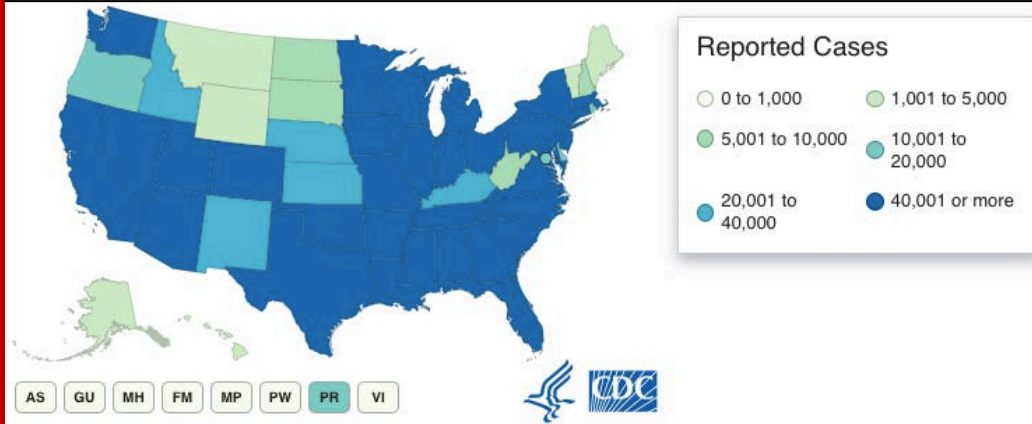
DATE	EVENT / INCIDENT	Location
March 1, 2020	COVID-19	World
March 13, 2020	National Emergency	All 50 state & 5 territories.
March 13, 2020- ongoing	State of Texas disaster declaration.	All counties in Texas.
April 24, 2020 – ongoing	Live Safe - Work Safe Order.	Wichita Falls.
June 1, 2020 – November 30, 2020	Hurricane Season	Atlantic and Gulf of Mexico
July 27, 2020	Special Weather Statement (1)	Main Campus
July 27, 2020	Flood Advisory (1)	Main Campus
July 30, 2020	Severe Thunderstorm Watch (2)	Main Campus/ Wichita County

COVID-19 Incident

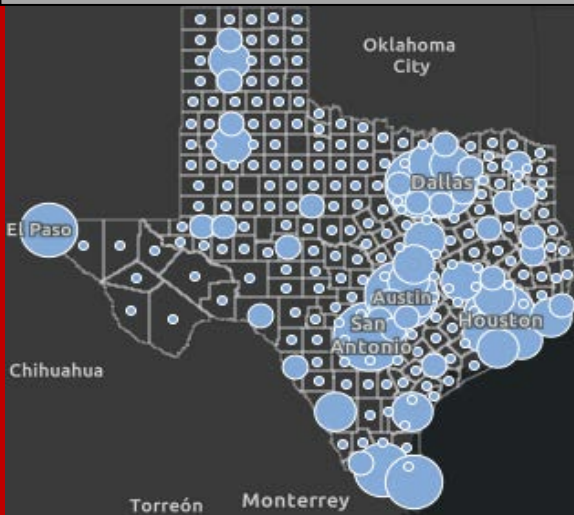
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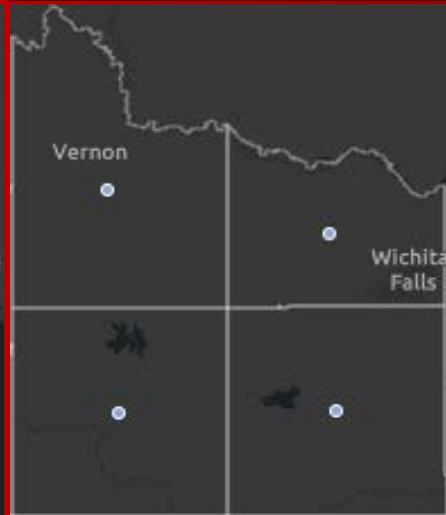
CDC US COVID-19 Map



TXDH COVID-19 Map



NTX COVID-19 Map



COVID-19 Numbers

World	
Confirmed Cases	Total Deaths
17,918,582	686,703
United States	
Confirmed Cases	Total Deaths
4,649,102	154,471
Texas	
Confirmed Cases	Total Deaths
442,014	7,016
Wichita Falls	
Confirmed Cases	Total Deaths
932	10
MSU Texas Campus	
Confirmed Cases	Total Deaths
10	1

Current risk assessment:

- The immediate risk of being exposed to this virus is still low for most Americans, but as the outbreak expands, that risk will increase. Cases of COVID-19 and instances of community spread are being reported in a growing number of states.
- People in places where ongoing community spread of the virus that causes COVID-19 has been reported are at elevated risk of exposure, with the level of risk dependent on the location.
- Healthcare workers caring for patients with COVID-19 are at elevated risk of exposure.
- Close contacts of persons with COVID-19 also are at elevated risk of exposure.
- Travelers returning from affected international locations where community spread is occurring also are at elevated risk of exposure, with level of risk dependent on where they traveled.

Major Campus Events

August 3, 2020 - August 9, 2020

DATE(S)	LOCATION	EVENT
3/25/2020 - Second Summer Semester	Online	MSU Texas will be switching from in person lecture to online lecturing (COVID-19)

- NOTE

For more information, please contact:

August 3, 2020 - August 9, 2020



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