



Student Affairs

Inspiring Mustangs to Live, Lead & Learn

Weekly Situation Awareness Briefing

Office of Student Affairs | Midwestern State University

August 24 – August 30, 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 24, 2020 - August 30, 2020

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
								
Sunny	Clear	Sunny	Mostly Clear	Mostly Sunny	Partly Cloudy	Mostly Sunny	Partly Cloudy	Hot
High: 95 °F Low: 68 °F	High: 96 °F Low: 71 °F	High: 94 °F Low: 72 °F	High: 96 °F Low: 74 °F	High: 102 °F				

Today: Sunny, with a high near 95. Southeast wind 3 to 8 mph.

Tonight: Clear, with a low around 68. East southeast wind 5 to 10 mph.

Tuesday: Sunny, with a high near 96. East southeast wind 5 to 9 mph.

Tuesday Night: Mostly clear, with a low around 71. East wind 5 to 10 mph.

Wednesday: Mostly sunny, with a high near 94. East wind 6 to 9 mph.

Wednesday Night: Partly cloudy, with a low around 72.

Thursday: Mostly sunny, with a high near 96.

Thursday Night: Partly cloudy, with a low around 74.

Friday: Mostly sunny and hot, with a high near 102.

Friday Night: Partly cloudy, with a low around 76.

Saturday: A 20 percent chance of showers and thunderstorms. Mostly sunny and hot, with a high near 101.

Saturday Night: A 20 percent chance of showers and thunderstorms. Partly cloudy, with a low around 77.

Sunday: A 20 percent chance of showers and thunderstorms. Mostly sunny and hot, with a high near 99.

- Tropical Storm Marco is expected to remain a tropical storm as it approaches the LA Coast. It is likely to bring tropical storm force winds, heavy rain, and dangerous storm surge to SE LA today.
- Tropical Storm Laura is expected to move towards the Gulf Coast on Wednesday, possibly bringing impacts to LA, possibly E TX and AR into Thursday.

Hazard Planer



August 24, 2020 - August 30, 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

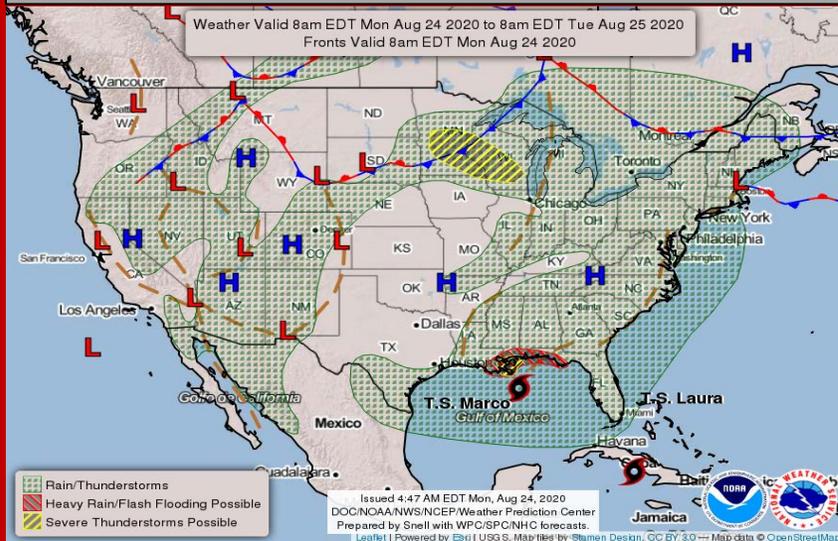
*Threat levels are based on the NWS Severe Thunderstorm Risk Categories
 For more details on the colors in the treat matrix refer to slide 11 in the briefing (last weather slide).

Short Term Forecast (Monday AM/PM)

August 24, 2020 - August 30, 2020

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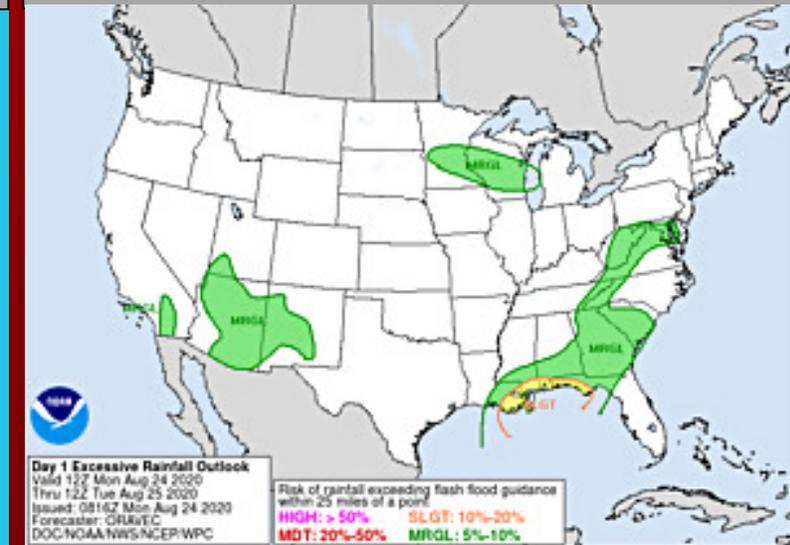
Forecast Chart



Hazardous Weather Outlook

No Severe Weather Outlook

Excessive Rainfall Outlook



.SHORT TERM...

(Today and tonight) Issued at 306 AM CDT Mon Aug 24 2020

Plenty of sunshine and relatively light winds expected to continue today with persistence for tonight. Temperatures creeping up to near average, with a few locations across western Oklahoma and possibly western north Texas exceeding average by a few degrees again today (upper 90s). Overnight lows will continue to be below average most locations until dewpoints rise later in the week.

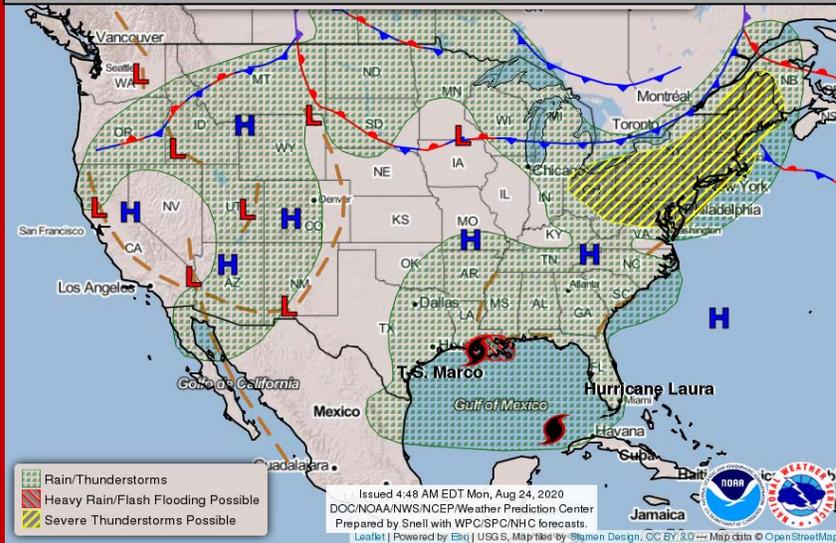
[Link to Forecast Discussion](#)

Tuesday Forecast (Tuesday AM/PM)

August 24, 2020 - August 30, 2020

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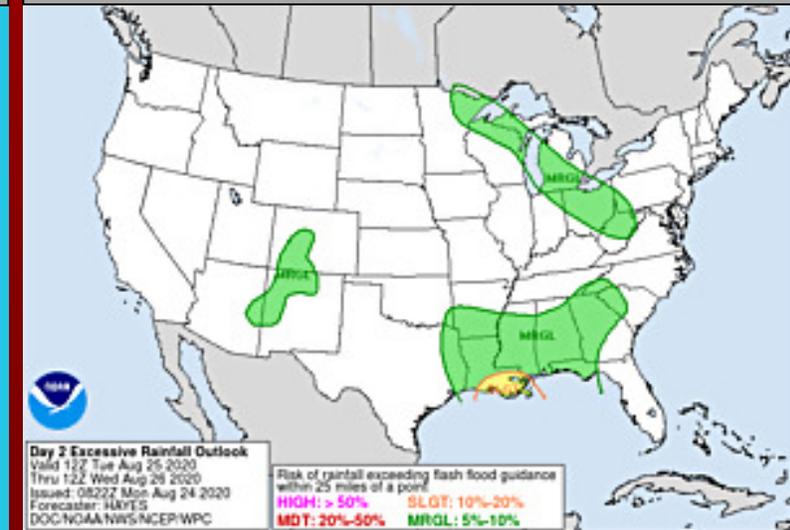
Forecast Chart



Hazard Weather Outlook

No Severe Weather Outlook

Excessive Rainfall Outlook



.SHORT TERM...

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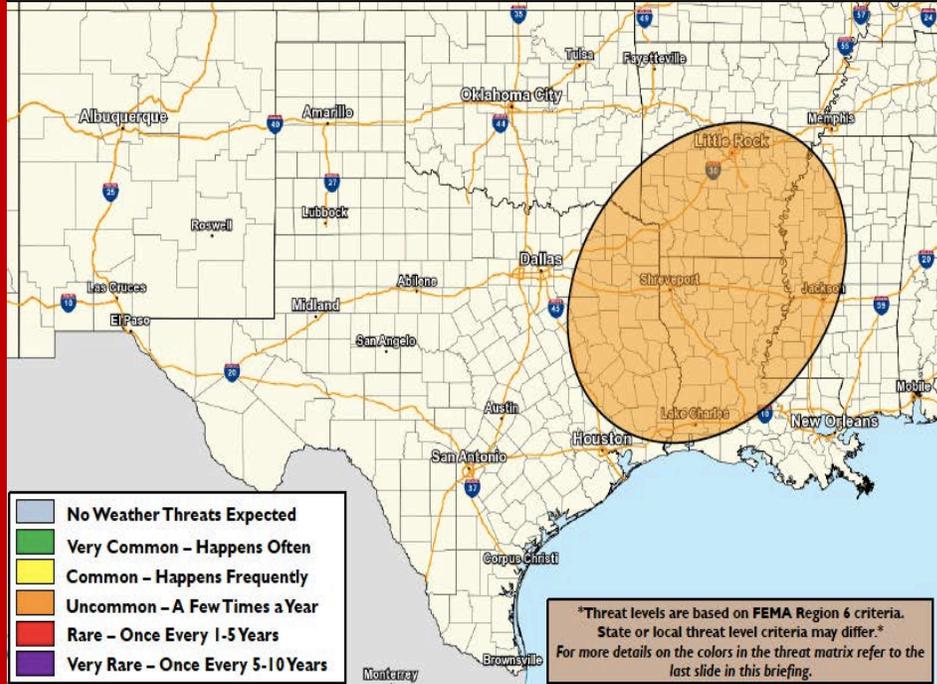
Plenty of sunshine and relatively light winds expected to continue today with persistence for tonight. Temperatures creeping up to near average, with a few locations across western Oklahoma and possibly western north Texas exceeding average by a few degrees again today (upper 90s). Overnight lows will continue to be below average most locations until dewpoints rise later in the week.

[Link to Forecast Discussion](#)

Long Term Forecast (Rest of Week)

August 24, 2020 - August 30, 2020

Weather Hazards



Isolated heavy rain possible in SETX and LA from Laura.

Tropical Storm to Hurricane force winds from Laura are expected Wednesday. Additional storm-related hazards from Laura include heavy rain, storm surge.

.LONG TERM... (Tuesday through Sunday)
Issued at 306 AM CDT Mon Aug 24 2020

Impacts from remnants of Laura will be main forecast challenge this week. Synoptic deterministic solutions yield higher potential for impacts across the southeast half of Oklahoma late Tuesday night (far southeast Oklahoma rainfall with prog'd deep positive moisture advection well ahead of system) through Thursday, when Laura picks up the pace and gets kicked northeast. Official NHC forecast keeps system farther east, by about half the state of Arkansas. New NBM initializations are similar to the past couple of forecasts and closer to possibilities with a farther east track. Fly in the ointment is the broad inverted mid-level trough across the region. Very low chance for any rain west of the trough axis, which lines up well with current western edge of PoPs (roughly from Wichita Falls up through central Oklahoma). Therefore, will not make much in the way of PoP changes with this package although later forecast will likely have higher PoPs as confidence grows. We will increase the winds over initializations late Wednesday and Thursday across southeast Oklahoma due to proximity to Laura's remnants, but still relatively light compared to what will occur to our south and east. High amplitude troughs still prog'd to suppress western ridge and allow multiple fronts to surge southward into Southern Plains next weekend and the following week. Little change to forecast for next weekend, with chances for showers and storms near the front. Stronger surges of cooler air and higher rain chances beyond this forecast package.

Tropical Weather Outlooks – Atlantic/Gulf

August 24, 2020 - August 30, 2020

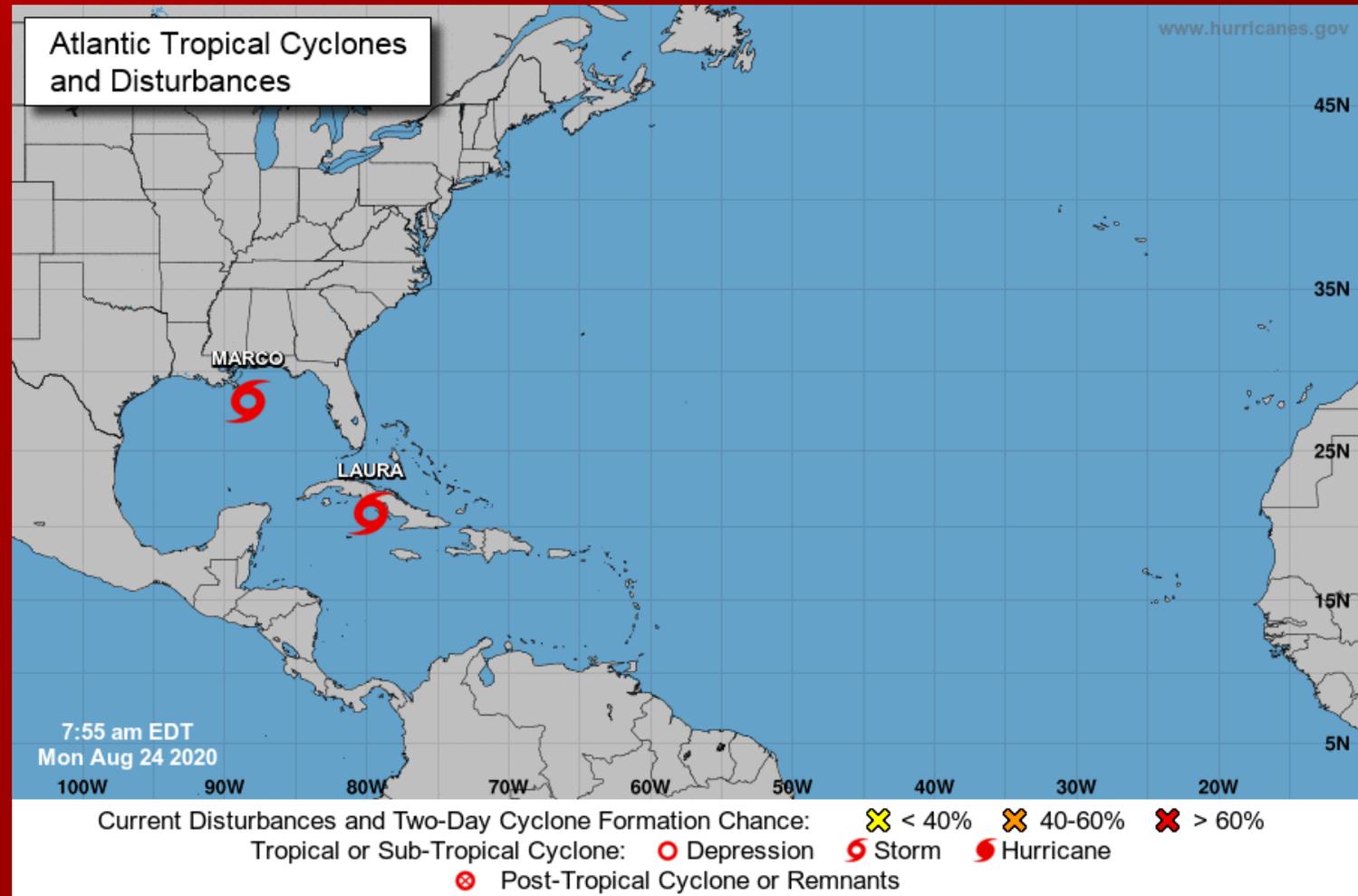
Areas of Possible Development

Area	Chance of Development	Potential Impact to Texas Cost
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Active Tropical Cyclones

Storm	Potential Impact to Texas
Laura	Impacts from Laura possible in LA by Wednesday.
Marco	Impacts from Marco likely in LA on Monday/Tuesday, TX on Wednesday

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 .



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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 24, 2020 - August 30, 2020

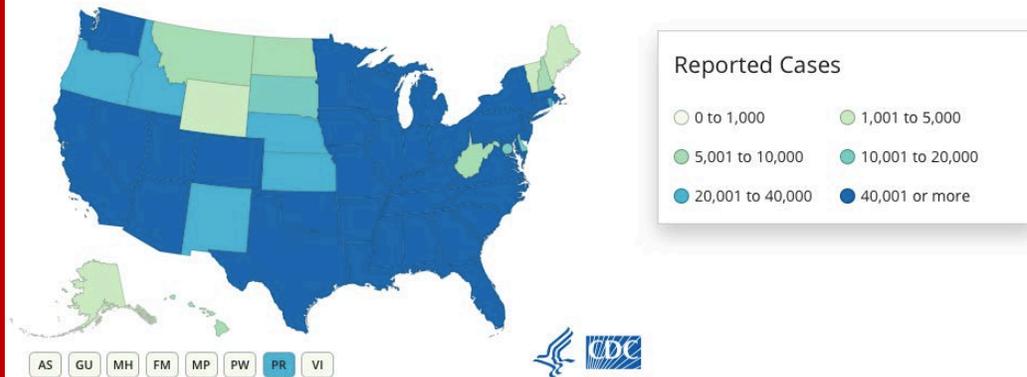
DATE	EVENT / INCIDENT	Location
March 1, 2020	COVID-19	World
March 13, 2020	National Emergency	All 50 state & 5 territories.
March 13, 2020- ongoing	State of Texas disaster declaration.	All counties in Texas.
April 24, 2020 – ongoing	Live Safe - Work Safe Order.	Wichita Falls.
June 1, 2020 – November 30, 2020	Hurricane Season	Atlantic and Gulf of Mexico
August 17, 2020	Special Weather Statement (2)	Main Campus

COVID-19 Incident

August 24, 2020 - August 30, 2020

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CDC US COVID-19 Map



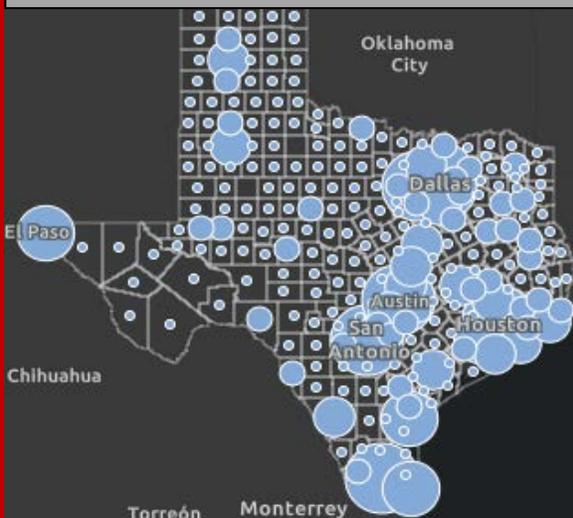
COVID-19 Numbers

World	
Confirmed Cases	Total Deaths
23,279,683	805,902
United States	
Confirmed Cases	Total Deaths
5,643,812	175,651
Texas	
Confirmed Cases	Total Deaths
577,537	11,370
Wichita Falls	
Confirmed Cases	Total Deaths
1,205	12
MSU Texas Campus	
Confirmed Cases	Total Deaths
14	1

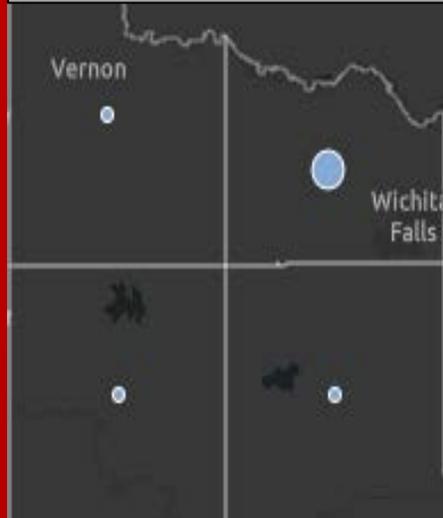
Current risk assessment:

- 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.

TXDH COVID-19 Map



NTX COVID-19 Map



Major Campus Events

August 24, 2020 - August 30, 2020

DATE(S)	LOCATION	EVENT
August 24, 2020	Sunwatcher Plaza	Welcome Tent
August 24,25,27, 2020	Wichita I&II, Clack Student Center	MSU Texas Blood Drive
August 29, 2020	The Quad & Hardin Parking / Council Drive	UPB Drive in Movie: Sky High

August 24, 2020 - August 30, 2020

- COVID-19 is still wide spread across the area. Please continue to use proper safety measures to keep you and your fellow mustangs safe.

For more information, please contact:

August 24, 2020 - August 30, 2020



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