

## Storm Data and Unusual Weather Phenomena - August 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### TEXAS, West

#### HOWARD COUNTY --- 2.4 ENE COAHOMA [32.31, -101.26]

	08/01/20 17:10 CST	0	Thunderstorm Wind (EG 52 kt)
	08/01/20 17:10 CST	0	Source: NWS Employee

A thunderstorm moved across Howard County and produced an estimated 60 mph wind gust two miles east northeast of Coahoma.

**An upper ridge was centered to the west of the region with West Texas on the eastern periphery of the ridge. Upper disturbances associated with the ridge moved across the area and provided lift. These disturbances along with intense surface heating allowed for a thunderstorm to develop that produced a severe wind gust in Howard County.**

#### SCURRY COUNTY --- 0.3 ENE SNYDER WINSTON ARPT [32.70, -100.94]

	08/02/20 19:15 CST	0	Thunderstorm Wind (MG 52 kt)
	08/02/20 19:15 CST	0	Source: ASOS

A thunderstorm moved across Scurry County and produced a 60 mph wind gust at the ASOS site near Snyder.

**An upper ridge was centered over the Arizona and Mexico border. Hot temperatures were across West Texas aiding in instability. An upper disturbance that moved along the right periphery of the upper ridge produced a storm that resulted in a severe wind gust in Scurry County.**

#### GLASSCOCK COUNTY --- 16.0 SW GARDEN CITY [31.71, -101.69]

	08/03/20 01:50 CST	0	Thunderstorm Wind (MG 53 kt)
	08/03/20 01:50 CST	0	Source: Mesonet

A thunderstorm moved across Glasscock County and produced a 61 mph wind gust as measured by the mesonet.

**An upper level ridge was centered over Arizona. A thunderstorm complex developed to the northwest of the area aided by an upper level disturbance. Some of the remains of this storm complex moved into Glasscock County and produced a severe wind gust.**

#### CULBERSON COUNTY --- 1.9 SSW VAN HORN [31.02, -104.83]

	08/17/20 17:26 CST	20K	Thunderstorm Wind (EG 87 kt)
	08/17/20 17:27 CST	0	Source: Emergency Manager

A thunderstorm that moved across Van Horn produced a localized area of damaging straight-line winds as the core of this storm collapsed just south of the town. Culberson County Office of Emergency Management reported ten snapped powerline poles one to two miles south of Van Horn along Highway 90 that resulted in a town-wide power outage. It was determined by the National Weather Service that the damage was caused by a microburst after re-evaluating radar data and assessing the damage remotely using photos sent in by the Culberson County emergency management. Winds were estimated to be near 100 mph. The cost of damage is a very rough estimate.

**An upper ridge was over the western part of the country. An upper disturbance along the edge of this ridge moved over the area. A weak cold front had also moved into the area. These features, along with surface heating and low-level moisture leading to increased instability, allowed for thunderstorms to develop across West Texas and southeast New Mexico. One of these storms produced a microburst in Culberson County which resulted in wind damage.**

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*A thunderstorm produced a microburst near Van Horn. The winds which were estimated to be near 100 mph, resulted in ten powerline poles being snapped at the midpoint along Highway 90. Photo is courtesy of Cody Davis.*

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**SCURRY COUNTY --- 2.0 W SNYDER [32.72, -100.93]**

08/31/20 15:55 CST		0.80K	Thunderstorm Wind (EG 52 kt)
08/31/20 15:56 CST		0	Source: Social Media

A thunderstorm moved across Scurry County and produced wind damage near Snyder. A barn door was blown in and the wind speed was estimated to be around 60 mph. The cost of damage is a very rough estimate.

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**SCURRY COUNTY --- IRA [32.58, -101.00]**

08/31/20 16:20 CST		15K	Thunderstorm Wind (EG 56 kt)
08/31/20 16:21 CST		0	Source: Public

A thunderstorm moved across Scurry County and produced wind damage in IRA. Two panels of metal roof were peeled off and water damage was inside the structure. The cost of damage is a very rough estimate.

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**MITCHELL COUNTY --- 5.0 NW COLORADO CITY [32.45, -100.91]**

08/31/20 16:31 CST		0	Thunderstorm Wind (MG 59 kt)
08/31/20 16:31 CST		0	Source: Mesonet

A thunderstorm moved across Mitchell County and produced a 68 mph wind gust at the mesonet site near Colorado City.

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**MITCHELL COUNTY --- 5.0 SSE COLORADO CITY [32.33, -100.82]**

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	08/31/20 16:37 CST		0	Thunderstorm Wind (MG 56 kt)
	08/31/20 16:37 CST		0	Source: Social Media

A thunderstorm moved across Mitchell County and produced a 64 mph wind gust five miles south southeast of Colorado City.

**An upper level trough was over the northern Rocky Mountains with upper level lift extending into West Texas. A weak cold front had moved into West Texas that day. There was high low-level moisture across the area as well as some instability and wind shear. These conditions resulted in thunderstorms with strong, damaging winds developing across the Western Low Rolling Plains.**