

Storm Data and Unusual Weather Phenomena - August 2015

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

LYNN COUNTY --- 3.9 SSW NEW MOORE [32.97, -102.06], 4.7 W O'DONNELL [32.96, -101.91], 5.9 NW O'DONNELL [33.02, -101.91], 1.6 W NEW MOORE [33.02, -102.06]

08/03/15 18:30 CST	0	Flood (due to Heavy Rain)
08/03/15 23:00 CST	0.25M	Source: Public

Multiple rounds of slow-moving thunderstorms with heavy rain affected portions of the southern South Plains late this afternoon and evening. Far southwest Lynn County was affected particularly hard by these storms with rainfall between four and six inches south of the communities of New Home and Wells. A farmer south of Wells reported a rainfall measurement of six inches and noted that many dirt roads were impassable due to standing water.

LAMB COUNTY --- 1.0 NE AMHERST [34.03, -102.41]

08/05/15 15:10 CST	0	Thunderstorm Wind (MG 53 kt)
08/05/15 15:10 CST	0	Source: Mesonet

A Texas Tech University West Texas Mesonet station near Amherst recorded a 61 mph wind gust as a thunderstorm moved overhead.

HALE COUNTY --- 6.0 SSW HALFWAY [34.10, -101.99], 4.0 W HALE CENTER [34.07, -101.90]

08/05/15 16:12 CST	0	Hail (0.88 in)
08/05/15 16:22 CST	0	Source: Public

Citizens reported nickel sized hail underneath a strong thunderstorm moving from southwest of Halfway to west of Hale Center.

Isolated thunderstorms were able to develop along a surface trough across the northern South Plains as temperatures warmed well into the 90s. One of these produced a severe wind gust near Amherst (Lamb County).

PARMER COUNTY --- 0.7 WNW FRIONA BENDER ARPK [34.65, -102.69]

08/08/15 18:30 CST	0	Thunderstorm Wind (MG 53 kt)
08/08/15 18:30 CST	0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station.

Scattered thunderstorms developed in eastern New Mexico and moved across the extreme southwestern Texas Panhandle during the evening of the eighth. One of these thunderstorms produced a microburst northeast of Friona.

CASTRO COUNTY --- SUNNYSIDE [34.35, -102.30]

08/09/15 15:56 CST	0	Thunderstorm Wind (MG 58 kt)
08/09/15 15:56 CST	0	Source: Mesonet

A KVII-TV school net site in Sunnyside measured a wind gust to 67 mph.

CASTRO COUNTY --- SUNNYSIDE [34.35, -102.30]

08/09/15 16:13 CST	0	Hail (1.00 in)
08/09/15 16:13 CST	0	Source: Trained Spotter

A trained storm spotter reported hail to the size of quarters in Sunnyside. No damage was reported.

Scattered thunderstorms developed across the southwestern Texas Panhandle on the afternoon of the ninth. One of these storms produced a microburst as it passed over Lamb and Castro Counties producing winds up to 67 mph and quarter size hail.

STONEWALL COUNTY --- 2.3 ENE ASPERMONT [33.17, -100.20], 1.2 NE ASPERMONT ARPT [33.13, -100.24]

08/14/15 15:50 CST	10K	Thunderstorm Wind (MG 68 kt)
08/14/15 16:05 CST	0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station. A short while later, the Aspermont Sheriff's Office estimated 70 to 80 mph wind gusts and noted that a nearby carport roof was blown off and power lines were down.

Scattered pulse storms developed this afternoon over the southern Rolling Plains in a hot and rather dry environment. High cloud bases around 12,000 feet created sufficient downdraft CAPE for downbursts; one of which was measured to 78 mph northeast of Aspermont. This same downburst traveled southwest and created varying degrees of damage to carports, power lines and trees in Aspermont before dissipating southwest of town.

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SWISHER COUNTY --- 2.0 ENE TULIA [34.54, -101.74]				
	08/19/15 01:35 CST		0	Thunderstorm Wind (MG 53 kt)
	08/19/15 01:35 CST		0	Source: Mesonet

Measured by the Texas Tech University West Texas mesonet station.

A rare late summer cold front impacted the southern Texas Panhandle during the morning hours of the 19th. A complex of thunderstorms tracked eastward across the southern Panhandle generating a severe wind gust near Tulia (Swisher County).

BAILEY COUNTY --- 0.7 N MULESHOE [34.23, -102.73]				
	08/21/15 18:25 CST		20K	Hail (1.75 in)
	08/21/15 18:27 CST		0	Source: Law Enforcement

The Muleshoe Police Department and broadcast media reported hailstones up to golf ball size. Minor damage to some vehicles was noted.

YOAKUM COUNTY --- 1.4 WNW ALLRED [32.99, -102.94]				
	08/21/15 19:40 CST		0	Thunderstorm Wind (MG 52 kt)
	08/21/15 19:40 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet station.

TERRY COUNTY --- 1.8 W TOKIO [33.18, -102.61], 2.7 SW TOKIO [33.15, -102.61]				
	08/21/15 20:09 CST		0.20M	Thunderstorm Wind (EG 65 kt)
	08/21/15 20:12 CST		0	Source: Utility Company

Xcel Energy reported eleven 69 kV transmission poles toppled from the intersection of US Highway 380 and Farm-to-Market Road 1780 south for about two miles. Lyntegar Electric CO-OP reported one distribution pole was down just south of this swath.

Late this evening, scattered thunderstorms rolled southeast from eastern New Mexico and over parts of the western South Plains. One of these storms became a supercell and later split with the left mover persisting across the northern South Plains accompanied by golf ball size hail at times. Farther south, scattered storms merged into a small complex that produced downbursts in Yoakum and Terry Counties. One of these downbursts toppled many medium-size transmission poles near Tokio.

LUBBOCK COUNTY --- 0.8 S CARLISLE [33.57, -101.97]				
	08/23/15 11:40 CST		0.80K	Thunderstorm Wind (EG 56 kt)
	08/23/15 11:40 CST		0	Source: NWS Employee

A large apple tree was toppled which heavily damaged a fence. Dime size hail also occurred in addition to one inch of rain.

In the wake of a strong but shallow cold front this morning, a thunderstorm developed around 1100 CST along the trailing frontal layer aloft. This storm drifted north from southwest Lubbock and proceeded to drop hail up to dime size with severe wind gusts by the time it reached the western edge of the city of Lubbock.