

## Storm Data and Unusual Weather Phenomena - September 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS, South Panhandle</b>				
<b>COCHRAN COUNTY --- 14.5 S WHITEFACE [33.39, -102.61]</b>				
	09/16/17 16:05 CST		0	Thunderstorm Wind (MG 52 kt)
	09/16/17 16:05 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
<b>MOTLEY COUNTY --- 0.7 S NORTHFIELD [34.27, -100.60]</b>				
	09/16/17 17:45 CST		0	Thunderstorm Wind (MG 63 kt)
	09/16/17 17:45 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet.				
<b>High-based thunderstorms developed early this afternoon across the South Plains and moved northeast through the far southeast Texas Panhandle. A few of these storms produced measured wind gusts of 60 to 73 mph.</b>				
<b>BAILEY COUNTY --- 4.3 NNE ENOCHS [33.92, -102.73], 2.0 E BULA [33.92, -102.62]</b>				
	09/17/17 15:25 CST		0.30M	Hail (2.75 in)
	09/17/17 15:35 CST		1M	Source: Broadcast Media
Broadcast media relayed damage photos of a significant hailstorm that struck the community of Bula. Wind-driven hail as large as baseballs pummeled crops and caused extensive damage to siding, windows and roofs to dozens of buildings in the area.				
<b>HOCKLEY COUNTY --- 0.9 NE SMYER [33.59, -102.16]</b>				
	09/17/17 16:16 CST		0	Hail (0.88 in)
	09/17/17 16:16 CST		0	Source: Public
<b>LUBBOCK COUNTY --- 2.4 ENE SHALLOWATER [33.69, -101.94]</b>				
	09/17/17 16:40 CST		40K	Thunderstorm Wind (EG 65 kt)
	09/17/17 16:45 CST		0	Source: Broadcast Media
Downburst winds around 75 mph downed several power lines along Farm-to-Market Road 2528 east of Shallowater. Some roof damage was also reported to a single family residence in the area.				
<b>HALE COUNTY --- PETERSBURG [33.87, -101.60]</b>				
	09/17/17 17:30 CST		0.10M	Thunderstorm Wind (EG 70 kt)
	09/17/17 17:30 CST		0	Source: NWS Storm Survey
Downburst winds around 80 mph lofted the roof from the Allsup's convenience store in Petersburg. The roof landed on an adjacent mobile home, causing moderate damage to the residence. Much of the store suffered water damage from the ensuing heavy rainfall.				
<b>CROSBY COUNTY --- 3.1 NW ESTACADO [33.82, -101.55], 1.2 SE WAKE [33.77, -101.09]</b>				
	09/17/17 17:35 CST		1.50M	Thunderstorm Wind (EG 87 kt)
	09/17/17 17:55 CST		0.50M	Source: NWS Storm Survey
A large and particularly destructive macroburst (downburst winds more than 2.5 miles in width) tracked east across most of northern Crosby County this evening, accompanied by winds ranging from 80 to 100 mph at times. Data from radar and damage patterns during a NWS storm survey indicated these intense winds were about five miles in width, and traveled for a distance of almost 30 miles. The community of Cone was struck especially hard by these winds. An older, single family home had a west-facing wall partially collapse, and the roof to a grain store was blown off and deposited on US Highway 62 forcing a temporary closure of the road. Additional damage in Cone consisted of several downed power lines, about ten snapped utility poles, a few downed trees, light to moderate building damage, and one metal shed that was destroyed and had its contents of antique tractors and vehicles damaged. The NWS damage survey also noted several dozen more damaged power lines throughout northern Crosby County, along with multiple center pivot irrigation systems overturned. Cotton, corn, and sorghum crops sustained light to moderate damage, however some crops used as silage were completely flattened by the intense winds. Combined losses in Crosby County alone are estimated to be nearly \$2 million USD.				
<b>CROSBY COUNTY --- RALLS [33.68, -101.38]</b>				
	09/17/17 17:55 CST		0	Thunderstorm Wind (MG 64 kt)
	09/17/17 17:55 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet southeast of Ralls.				

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<b>DICKENS COUNTY --- 1.7 W MC ADOO [33.73, -101.01]</b>				
	09/17/17 18:21 CST		5K	Thunderstorm Wind (EG 70 kt)
	09/17/17 18:21 CST		0	Source: Emergency Manager

The Floyd County Emergency Manager relayed a report from a fire department member in McAdoo who lost a corner of their home's roof during intense straight line winds.

<b>FLOYD COUNTY --- 1.4 N FLOYDADA [34.00, -101.33]</b>				
	09/17/17 20:20 CST		0	Thunderstorm Wind (MG 56 kt)
	09/17/17 20:20 CST		0	Source: Mesonet

Measured by a Texas Tech University West Texas mesonet.

Scattered severe thunderstorms erupted this afternoon and tracked eastward across the South Plains and into the Rolling Plains. A few of these storms acquired deep rotation as they interacted with a stationary front draped west-to-east over the region, and resulted in swaths of destructive hail and significant straight line winds at times. One particularly intense supercell storm produced a large swath of downburst winds of 70 to 100 mph over portions of Lubbock, Hale, Crosby, and Dickens Counties.



*A large shed lost its roof during intense straight line winds of 80 to 100 mph that struck the community of Cone, TX on 9/17/2017. Photo from NWS Lubbock Storm Survey.*

<b>COTTLE COUNTY --- 0.7 S PADUCAH [34.01, -100.30]</b>				
	09/18/17 21:15 CST		0	Hail (1.75 in)
	09/18/17 21:20 CST		0	Source: Social Media

Hail up to golf ball size fell in Paducah for about five minutes. Damage information was not available.

Isolated thunderstorms tracked northeast across the Rolling Plains late this evening. One storm intensified to severe levels in Cottle

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County where it produced hail up to golf ball size in Paducah.				

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*Golf ball size hail in Paducah, TX during the night of 9/19/2017. Photo by Robyn Truelock.*

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**PARMER COUNTY --- 6.0 WNW BOVINA [34.55, -103.00], 5.0 NW BLACK [34.73, -102.68]**

09/22/17 16:50 CST

0

Hail (1.75 in)

09/22/17 18:10 CST

2M

Source: Broadcast Media

More than a dozen farmers in Parmer County suffered varying degrees of damage to corn and cotton crops following a slow -moving hailstorm. About 20,000 acres were damaged in total, with about 3,500 acres reported as a complete loss. The hail was estimated to be as large as golf ball size.

**A thunderstorm late this afternoon intensified west of Bovina (Parmer County) and produced large hail along a swath roughly 20 miles in length. The slow movement of this storm and frequent backbuilding of its hail core inflicted heavy tolls on otherwise promising corn and cotton crops.**