

## Storm Data and Unusual Weather Phenomena - February 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS, North</b>				
(TX-Z091) MONTAGUE, (TX-Z092) COOKE, (TX-Z093) GRAYSON, (TX-Z094) FANNIN, (TX-Z095) LAMAR, (TX-Z100) YOUNG, (TX-Z101) JACK, (TX-Z102) WISE, (TX-Z103) DENTON, (TX-Z104) COLLIN, (TX-Z105) HUNT, (TX-Z106) DELTA, (TX-Z107) HOPKINS, (TX-Z115) STEPHENS, (TX-Z116) PALO PINTO, (TX-Z117) PARKER, (TX-Z118) TARRANT, (TX-Z120) ROCKWALL, (TX-Z123) RAINS, (TX-Z129) EASTLAND, (TX-Z130) ERATH, (TX-Z131) HOOD, (TX-Z132) SOMERVELL, (TX-Z133) JOHNSON, (TX-Z134) ELLIS, (TX-Z141) COMANCHE, (TX-Z142) MILLS, (TX-Z143) HAMILTON, (TX-Z144) BOSQUE, (TX-Z145) HILL, (TX-Z146) NAVARRO, (TX-Z156) LAMPASAS, (TX-Z157) CORYELL, (TX-Z158) BELL, (TX-Z159) MCLENNAN, (TX-Z160) FALLS, (TX-Z161) LIMESTONE, (TX-Z174) MILAM				
	02/01/13 00:00 CST		0	Drought
	02/28/13 23:59 CST		75K	
Drought conditions prevailed across north Texas during the month of February, with most locations experiencing one to two inch below normal rainfall deficits for the month. The hardest hit areas continued to be over the west and southwest counties, while the least impacted areas remained over the east.				
<b>EASTLAND COUNTY --- CARBON [32.27, -98.83]</b>				
	02/10/13 00:42 CST		5K	Hail (1.75 in)
	02/10/13 00:42 CST		0	Source: Trained Spotter
Golfball sized hail was reported in Carbon.				
<b>EASTLAND COUNTY --- RISING STAR [32.10, -98.97]</b>				
	02/10/13 01:08 CST		0	Hail (1.00 in)
	02/10/13 01:08 CST		0	Source: Trained Spotter
Quarter sized hail was reported in Rising Star.				
<b>PALO PINTO COUNTY --- MINERAL WELLS [32.80, -98.10]</b>				
	02/10/13 01:30 CST		0	Hail (0.88 in)
	02/10/13 01:30 CST		0	Source: Social Media
Pea to nickel sized hail was reported in Mineral Wells.				
<b>PARKER COUNTY --- WEATHERFORD [32.77, -97.80]</b>				
	02/10/13 01:48 CST		3K	Thunderstorm Wind (EG 52 kt)
	02/10/13 01:48 CST		0	Source: Amateur Radio
Sixty MPH winds were estimated in Weatherford.				
<b>TARRANT COUNTY --- 0.2 WSW EAGLE MTN LAKE [32.90, -97.48]</b>				
	02/10/13 02:15 CST		20K	Thunderstorm Wind (EG 52 kt)
	02/10/13 02:15 CST		0	Source: Newspaper
A bait shop and the roof of a restaurant at Eagle Mountain Lake were damaged by high thunderstorm winds.				
<b>TARRANT COUNTY --- 1.6 SSE SAGINAW [32.85, -97.36]</b>				
	02/10/13 02:24 CST		5K	Thunderstorm Wind (EG 52 kt)
	02/10/13 02:24 CST		0	Source: Trained Spotter
Sixty MPH winds were estimated at Longhorn Rd and North Main Street in Saginaw. A basketball goal was knocked over in town.				
<b>TARRANT COUNTY --- (FWH)CARSWELL AFB FT [32.77, -97.45]</b>				
	02/10/13 02:25 CST		1K	Thunderstorm Wind (EG 39 kt)
	02/10/13 02:25 CST		0	Source: Public
Two business signs and two port-o-johns were knocked over in White Settlement. The nearby automated weather station at Carswell AFB (KNFW) reported a peak wind of 43 mph around the same time.				
<b>TARRANT COUNTY --- 2.3 N LAKE WORTH [32.83, -97.41]</b>				
	02/10/13 02:25 CST		8K	Thunderstorm Wind (MG 56 kt)
	02/10/13 02:25 CST		0	Source: Trained Spotter

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A 64 MPH wind gust was reported at Huffines Blvd and 10 Mile Bridge Road near Marine Creek Lake in northwest Fort Worth.				
<b>MCLENNAN COUNTY --- (ACT)MADISON-COOPER [31.62, -97.23]</b>				
	02/10/13 02:44 CST		5K	Thunderstorm Wind (MG 55 kt)
	02/10/13 02:44 CST		0	Source: ASOS
The automated weather station at Waco's Madison Cooper Airport (KACT) measured a 63 MPH wind gust. This wind gust occurred from nearby light rain helping to drag strong winds aloft to the ground.				
<b>TARRANT COUNTY --- 1.1 NE POLTECHNIC [32.76, -97.26]</b>				
	02/10/13 02:49 CST		8K	Thunderstorm Wind (EG 57 kt)
	02/10/13 02:49 CST		0	Source: Social Media
A 66 MPH wind gust was reported at Nolan Catholic High School in Fort Worth.				
<b>MCLENNAN COUNTY --- 1.8 SSW LEROY [31.71, -97.03]</b>				
	02/10/13 02:55 CST		8K	Thunderstorm Wind (EG 56 kt)
	02/10/13 02:55 CST		0	Source: Public
High winds tore most of the metal roof off a metal shop building on Gerald Lane in Elm Mott. Some items inside the shop were damaged. These strong winds occurred from nearby light rain helping to drag strong winds aloft to the ground.				
<b>GRAYSON COUNTY --- 2.1 N HOWE [33.53, -96.62]</b>				
	02/10/13 03:00 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	02/10/13 03:00 CST		0	Source: Social Media
Strong thunderstorm winds moved a hay ring on property that was located between south Sherman and north Howe. In addition, trees were knocked down onto fences.				
<b>GRAYSON COUNTY --- 3.1 SE HILTON [33.54, -96.59], 1.3 WNW IDA [33.58, -96.52]</b>				
	02/10/13 03:00 CST		0.15M	Thunderstorm Wind (EG 83 kt)
	02/10/13 03:10 CST		0	Source: Emergency Manager
Straight line winds estimated at 85-95 mph damaged several homes and uprooted several trees in the Luella area. The damage stretched for approximately 6 miles and occurred in conjunction with a bookend vortex on the north side of a bow echo. A home on Tribble and another home on Bois D'Arc suffered major damage. Most of the roof of the home on Bois D'Arc was torn off and much of the second story of the home on Tribble was destroyed. Another 3 homes suffered roof damage.				
<b>COLLIN COUNTY --- 2.4 WNW SHEPTON [33.04, -96.84]</b>				
	02/10/13 03:05 CST		1K	Thunderstorm Wind (EG 50 kt)
	02/10/13 03:05 CST		0	Source: Public
Sixty MPH winds were estimated in west Plano. Power poles were also knocked down on Midway Road north of Plano Parkway.				
<b>BELL COUNTY --- 1.9 SSE TENNESSEE VLY [31.10, -97.49]</b>				
	02/10/13 03:10 CST		5K	Thunderstorm Wind (EG 48 kt)
	02/10/13 03:10 CST		0	Source: Broadcast Media
A few boat docks were damaged at Frank's Marina on Lake Belton. Shore moorings were uprooted and underwater anchorages were sheared off.				
<b>BELL COUNTY --- 2.4 WNW TEMPLE [31.11, -97.39], 1.1 WNW TEMPLE [31.10, -97.37]</b>				
	02/10/13 03:15 CST		50K	Thunderstorm Wind (EG 65 kt)
	02/10/13 03:22 CST		0	Source: Broadcast Media
Strong thunderstorm winds impacted the Western Hills area of Temple where several large trees were uprooted, fences were knocked over, and at least one street sign was bent over. Much of the tree damage was reported along West Adams Ave, Apache Dr, and Blackfoot Drive. One tree fell on a home in the Whispering Oaks subdivision. The awning and part of the roof of 4 units at the Brentwood Apartments on West Adams Avenue was peeled off. A few large satellite dishes were knocked over on Moody Lane. Business signs at the Quick Shop & Go on Olaf and the New Hope Community Church on Apache Drive were damaged.				
<b>BELL COUNTY --- 2.1 N SMITH [31.08, -97.38]</b>				

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	02/10/13 03:17 CST		0	Hail (0.88 in)
	02/10/13 03:17 CST		0	Source: Social Media

Nickel sized hail was reported on the southwest side of Temple near Loop 363 and 57th Street.

### BELL COUNTY --- 2.1 N SMITH [31.08, -97.38]

02/10/13 03:17 CST	3K	Thunderstorm Wind (EG 56 kt)
02/10/13 03:17 CST	0	Source: Trained Spotter

A telephone pole was snapped in half on the southwest side of Temple. Sixty-five MPH winds were also estimated in the same area near Loop 363 and 57th Street.

### DALLAS COUNTY --- 2.2 NE ALPHA [32.95, -96.77]

02/10/13 03:18 CST	3K	Thunderstorm Wind (EG 56 kt)
02/10/13 03:18 CST	0	Source: Trained Spotter

Sixty-five MPH winds were estimated between Richardson and Addison.

### DALLAS COUNTY --- 2.2 ESE FLORENCE HILL [32.66, -96.97]

02/10/13 03:20 CST	5K	Thunderstorm Wind (EG 56 kt)
02/10/13 03:20 CST	0	Source: Trained Spotter

Thunderstorm wind gusts up to 65 MPH were estimated in the Duncanville and Mountain Creek Lake area. Large tree branches were knocked down and shingles were torn off roofs.

### DALLAS COUNTY --- 2.3 ESE FLORENCE HILL [32.66, -96.96]

02/10/13 03:20 CST	0	Hail (0.75 in)
02/10/13 03:20 CST	0	Source: Trained Spotter

Hail up to the size of dimes was reported in the Duncanville and Mountain Creek Lake area.

### DALLAS COUNTY --- 0.3 S UNIVERSITY PARK [32.87, -96.77]

02/10/13 03:22 CST	5K	Thunderstorm Wind (EG 56 kt)
02/10/13 03:22 CST	0	Source: Amateur Radio

Sixty-five MPH winds were estimated at North Central Expressway/Highway 75 and Northwest Highway/Loop 12 in University Park.

### DALLAS COUNTY --- 0.2 ESE SACHSE [32.98, -96.57]

02/10/13 04:00 CST	0.25M	Lightning
02/10/13 04:00 CST	0	Source: Broadcast Media

A house was destroyed by lightning in the 6000 block of Lakecrest Drive in Sachse.

### FANNIN COUNTY --- 0.8 ENE HONEY GROVE [33.58, -95.91]

02/10/13 05:00 CST	0.10M	Lightning
02/10/13 05:00 CST	0	Source: Broadcast Media

Lightning struck the Main Street Presbyterian Church in Honey Grove and the church burned to the ground. The church had been built in 1902.

### ANDERSON COUNTY --- PALESTINE [31.75, -95.63]

02/10/13 05:56 CST	0	Hail (0.75 in)
02/10/13 05:56 CST	0	Source: Trained Spotter

Penny sized hail was reported in Palestine.

**A line of thunderstorms developed along an eastward moving Pacific cold front during the very early morning hours. Some of the thunderstorms reached severe limits; generally producing winds up to 65 MPH. The most significant areas of damage that occurred from severe thunderstorms winds was in Luella in Grayson County and in Temple in Bell County. In Luella, 5 homes were damaged from straightline winds that occurred within a bookend vortex on the northern end of the line of thunderstorms. Two homes were nearly destroyed by the winds. In Temple, widespread wind damage was reported in the western portions of the city. In addition, a lightning strike burned a historic church to the ground in Honey Grove in Fannin County.**

### COOKE COUNTY --- 6.0 NW GAINESVILLE [33.69, -97.22]

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	02/12/13 04:35 CST		0	Hail (0.88 in)
	02/12/13 04:35 CST		0	Source: Fire Department/Rescue

Dime to nickel sized hail was reported 6 miles northwest of Gainesville.

### JOHNSON COUNTY --- ALVARADO [32.40, -97.22]

	02/12/13 06:15 CST		0	Hail (0.88 in)
	02/12/13 06:15 CST		0	Source: Broadcast Media

Nickel sized hail was reported in Alvarado.

**Widespread showers and a few thunderstorms developed in a warm air advection and isentropic lift regime ahead of an approaching upper level low. Two of the thunderstorms produced nickel sized hail.**

### LEON COUNTY --- 3.1 NE NEW SALEM [31.35, -96.04]

	02/21/13 10:07 CST		6K	Thunderstorm Wind (EG 43 kt)
	02/21/13 10:07 CST		0	Source: Emergency Manager

Strong thunderstorm winds knocked down a few tree limbs and also destroyed 2 sheds. This damage occurred near FM 1618 and Private Road 3365; just west of Interstate 45.

**A line of thunderstorms moved across the region during the morning hours. These storms were below severe limits, but strong winds in Leon County caused some wind damage.**

### LAMAR COUNTY --- FAUGHT [33.73, -95.42]

	02/25/13 07:20 CST		0	Hail (0.75 in)
	02/25/13 07:20 CST		0	Source: Public

Pea to dime sized hail was reported in Faught.

### (TX-Z118) TARRANT, (TX-Z158) BELL

	02/25/13 10:00 CST		0.11M	Strong Wind (MAX 47 kt)
	02/26/13 01:30 CST		0	

**A small, early morning storm produced hail up to the size of dimes in Faught in Lamar County. During the afternoon hours, strong and gusty winds occurred ahead of an approaching storm system. Wind gusts of 40-50 mph were common across the region, and the strongest wind gusts were measured in Bell County. Some damage occurred due to the strong winds in Bell County. Later than night, a homeless man suffered burns when a campfire he had built spread in the high winds that continued into the overnight hours.**