

Storm Data and Unusual Weather Phenomena - July 2014

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

(TX-Z091) MONTAGUE, (TX-Z092) COOKE, (TX-Z093) GRAYSON, (TX-Z094) FANNIN, (TX-Z100) YOUNG, (TX-Z101) JACK, (TX-Z102) WISE, (TX-Z103) DENTON, (TX-Z104) COLLIN, (TX-Z105) HUNT, (TX-Z115) STEPHENS, (TX-Z116) PALO PINTO, (TX-Z117) PARKER, (TX-Z118) TARRANT, (TX-Z119) DALLAS, (TX-Z120) ROCKWALL, (TX-Z129) EASTLAND, (TX-Z130) ERATH, (TX-Z131) HOOD, (TX-Z132) SOMERVELL, (TX-Z133) JOHNSON, (TX-Z141) COMANCHE, (TX-Z142) MILLS, (TX-Z156) LAMPASAS

07/01/14 00:00 CST	0	Drought
07/31/14 23:59 CST	96K	

Significant drought conditions persisted in the northwestern quadrant of the CWA where rainfall totals averaged less than 2-3 inches. Heavy rains fell across areas mainly north to east of the DFW Metroplex where an average of 5-10" of rain was recorded. Some lakes in this area saw significant rises on the lake levels. Drought conditions saw some improvement in these areas but not in all counties. Elsewhere, rainfall totals were minimal, averaging less than 2-3 inches, and the drought conditions did not change much.

COLLIN COUNTY --- 0.8 NE FOREST GROVE [33.13, -96.61]

07/14/14 14:00 CST	0	Thunderstorm Wind (EG 50 kt)
07/14/14 14:00 CST	0	Source: Amateur Radio

Wind damage was reported near Country Club Road and Stacy Road in Fairview. An 8" diameter tree was also blown over.

DENTON COUNTY --- 3.0 W LEBANON [33.12, -96.87]

07/14/14 14:10 CST	20K	Thunderstorm Wind (EG 48 kt)
07/14/14 14:10 CST	0	Source: Broadcast Media

Thunderstorm winds destroyed a house that was under construction in Frisco. Only the frame of the house was built at the time.

DALLAS COUNTY --- 1.8 ENE (RBD)REDBIRD ARPT DA [32.69, -96.84], 2.5 S OAK CLIFF [32.68, -96.83]

07/14/14 15:49 CST	40K	Thunderstorm Wind (EG 52 kt)
07/14/14 15:49 CST	0	Source: Broadcast Media

Trees were knocked down onto cars and roofs in an area of Dallas bound by Oak Park Drive, South Polk Street, and Town Creek Dr. Damage occurred to several cars, and a hole was punctured in the roof of at least one home.

DALLAS COUNTY --- SEAGOVILLE [32.63, -96.53]

07/14/14 17:32 CST	5K	Thunderstorm Wind (MG 56 kt)
07/14/14 17:32 CST	0	Source: Amateur Radio

A 65 mph wind gust was measured in Seagoville. Large tree limbs were damaged.

Thunderstorms developed along a weak front as it moved south through the region. Some of the storms produced damaging winds in and around the Dallas Metroplex.

COOKE COUNTY --- 5.1 N VALLEY VIEW [33.55, -97.15], 2.7 NW HOOD [33.55, -97.39], 1.6 SE LEO [33.43, -97.38], 7.2 SE MOUNTAIN SPGS [33.42, -96.95], 5.1 ENE BURNS CITY [33.55, -96.95]

07/17/14 02:30 CST	1M	Flash Flood (due to Heavy Rain)
07/17/14 11:04 CST	0	Source: Law Enforcement

Very heavy rainfall resulted in significant flash flooding across the southern portions of Cooke County. Up to 10 inches of rain fell in the area. The town of Valley View was significantly affected by the flooding. Interstate 35 was shut down from the Denton County line north to mile marker 491. The water was 5-6 feet deep on the frontage road in some locations. One gas station along I-35 in Valley View had standing water in the convenience store. The interstate reopened between 8-9 am CDT. Numerous cars, trucks, and semis were stranded in the area; including along Interstate 35. The emergency manager estimated 20-30 vehicles were pulled from high water. Numerous high water rescues were conducted.

WISE COUNTY --- 4.9 NW DECATUR [33.28, -97.66], 3.4 NNW DECATUR MUNI ARPT [33.29, -97.61], 3.1 SE ALVORD [33.34, -97.64], 3.5 S ALVORD [33.32, -97.69]

07/17/14 03:16 CST	0	Flash Flood (due to Heavy Rain)
07/17/14 11:04 CST	0	Source: Law Enforcement

Eight inches of water was reported over Highway 287 about halfway between Decatur and Alvord.

DENTON COUNTY --- 1.7 NE PILOT PT [33.41, -96.95], 7.7 WNW BOLIVAR [33.43, -97.38], 1.6 NW STONY [33.25, -97.39], 2.6 NW NAVO [33.25, -96.96]

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	07/17/14 04:34 CST		0.75M	Flash Flood (due to Heavy Rain)
	07/17/14 11:04 CST		0	Source: Law Enforcement

Very heavy rainfall resulted in significant flash flooding across the northern half of Denton County . Up to 11 inches of rain fell in the area. A rain gage near the Denton/Cooke County line reported 10.78" of total rain. The town of Sanger was significantly affected by the flooding . Interstate 35 was shut down from Sanger north to the Cooke County line. Several other roads around Sanger were closed due to high water. Numerous cars, trucks, and semis were stranded in the area; including along Interstate 35. Numerous high water rescues were conducted.

WISE COUNTY --- 2.7 NNE PARK SPGS [33.43, -97.80], 2.4 NNE PARK SPGS [33.43, -97.80], 2.3 NNW PARK SPGS [33.43, -97.83], 2.7 NNW PARK SPGS [33.44, -97.83]

07/17/14 08:35 CST	0	Flash Flood (due to Heavy Rain)
07/17/14 11:04 CST	0	Source: Trained Spotter

High water was reported on FM 3264 along the Wise/Montague county line.

DENTON COUNTY --- 2.9 ENE KRUM [33.29, -97.20], 1.0 NNW KRUM [33.28, -97.26], 1.4 SSW KRUM [33.25, -97.26], 3.1 ESE KRUM [33.25, -97.20]

07/17/14 09:18 CST	0.25M	Flash Flood (due to Heavy Rain)
07/17/14 11:04 CST	0	Source: Newspaper

In Krum, 5 people had to be rescued from their homes as high water prevented them from leaving.

An approaching upper level system and front, combined with seasonably high moisture content, set up the ingredients for a heavy rain event in the North Texas area. Very heavy rainfall early on the morning of July 17th lead to significant flash flooding along Interstate 35 in the Sanger to Valley View areas. Up to 11 inches of rain fell along this corridor. Interstate 35 was closed along this section, numerous cars were stranded, several high water rescues were conducted, and water entered at least one business in the Valley View area. Water also reached or entered homes in the Krum area in Denton County. Heavy rainfall also lead to flash flooding along Highway 287 in Wise County.

LAMAR COUNTY --- FAULKNER [33.85, -95.33], HARMON [33.52, -95.82]

07/23/14 17:00 CST	0	Thunderstorm Wind (EG 52 kt)
07/23/14 17:55 CST	0	Source: Amateur Radio

Trees were blown down in several locations across Lamar County.

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

07/23/14 19:55 CST	1K	Thunderstorm Wind (EG 48 kt)
07/23/14 19:55 CST	0	Source: Emergency Manager

Ten large trees and four utility poles were knocked down in Palestine.

An MCS moved south across the eastern portions of the CWA, weakening as it moved through the region. Some wind damage occurred with the system.

COOKE COUNTY --- 2.1 S MYRA [33.60, -97.32]

07/30/14 21:50 CST	20K	Thunderstorm Wind (EG 50 kt)
07/30/14 21:50 CST	0	Source: Emergency Manager

Several tin roof structures and outbuildings were damaged by thunderstorms winds between Myra and Hood. Several trees were also damaged in the same area.

COOKE COUNTY --- 1.7 NE GAINESVILLE MUNI ARP [33.67, -97.18], 3.3 SW GAINESVILLE [33.60, -97.19], 1.4 S HOPE [33.60, -97.08], 2.9 E WINDSOR [33.68, -97.10]

07/30/14 22:10 CST	5K	Flood (due to Heavy Rain)
07/31/14 02:30 CST	0	Source: Emergency Manager

Some intersections in Gainesville have 2+ feet of water over them and are being closed. An estimated 2-3 inches of rain fell in just a few hours in the area.

DENTON COUNTY --- 7.4 E PILOT PT [33.41, -96.84], 7.8 NE MUSTANG [33.41, -96.83], 3.5 S PARVIN [33.22, -96.84], 2.1 NW DENTON [33.24, -97.18], 7.8 WNW BOLIVAR [33.43, -97.38]

07/31/14 00:00 CST	5K	Flash Flood (due to Heavy Rain)
07/31/14 03:30 CST	0	Source: Newspaper

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Several roads across the northeastern half of Denton County were flooded by high waters due to 3-6" of rain that fell in that area in just a few hours. Denton County Road and Bridge East reported Mustang Trail in Sanger, Coffey Road in Aubrey, Shearer Road in Pilot Point and the county roads of North Legacy, Fairfield, and Mobberly near Celina and Prosper remained closed until crews could check on them later that morning.

DENTON COUNTY --- 1.8 NE DENTON [33.24, -97.13]

07/31/14 00:10 CST	4K	Thunderstorm Wind (EG 50 kt)
07/31/14 00:10 CST	0	Source: Trained Spotter

Thunderstorm winds damaged a building and several trees on the northeast side of Denton.

DENTON COUNTY --- SANGER [33.37, -97.18], 0.7 SSW SANGER [33.36, -97.18], 1.0 SE SANGER [33.36, -97.17], 0.6 ENE SANGER [33.37, -97.17]

07/31/14 00:22 CST	5K	Flash Flood (due to Heavy Rain)
07/31/14 02:30 CST	0	Source: Public

One foot of water was reported over the Interstate 35 access road in Sanger, south of FM 455. Interstate 35 in and just north of Sanger also had to be closed two times due to high water. Up to 4" of rain was reported in Sanger in just a few hours.

DENTON COUNTY --- 3.0 ENE LITTLE ELM [33.17, -96.92], 2.9 ENE LITTLE ELM [33.17, -96.92], 3.8 ENE LITTLE ELM [33.17, -96.91], 3.7 SSE NAVO [33.17, -96.91]

07/31/14 01:02 CST	0	Flash Flood (due to Heavy Rain)
07/31/14 03:30 CST	0	Source: Broadcast Media

East Eldorado Pkwy was closed from Hart Road to Preston of the Lakes Blvd in Little Elm due to flooding. Rainfall reports totaled 3-4" of rain in just a few hours in that area.

HUNT COUNTY --- 1.4 E MEXICO [32.90, -96.05], 1.5 NNE LAKE TAWAKONI [32.90, -96.04], 1.3 NNE LAKE TAWAKONI [32.90, -96.04], 1.3 N LAKE TAWAKONI [32.90, -96.05]

07/31/14 04:20 CST	5K	Flash Flood (due to Heavy Rain)
07/31/14 05:30 CST	0	Source: Law Enforcement

The east side of Quail Run Circle was washed out by heavy rainfall. 2-4 inches of rain fell in the area in just a few hours.

GRAYSON COUNTY --- 0.9 N GUNTER [33.46, -96.75], 2.0 ENE GUNTER [33.46, -96.72], 2.0 SSE GUNTER [33.43, -96.73], 1.4 SW GUNTER [33.43, -96.77]

07/31/14 05:45 CST	10K	Flash Flood (due to Heavy Rain)
07/31/14 07:45 CST	0	Source: Emergency Manager

Significant flooding was reported in Gunter and flood waters reached the edges of a few homes and businesses in the city. Parts of Highway 289 were closed due to high water. Several residents were trapped in their homes until the waters receded. 3-5" of rain fell in the area in just a few hours.

COLLIN COUNTY --- 1.5 NE ANNA [33.37, -96.56], 1.9 NE ANNA [33.37, -96.55], 1.7 ENE ANNA [33.36, -96.54], 1.0 NE ANNA [33.36, -96.56]

07/31/14 07:15 CST	0	Flash Flood (due to Heavy Rain)
07/31/14 08:00 CST	0	Source: Fire Department/Rescue

Flooding along Highway 5 near Rosamond Pkwy in Anna closed the road.

GRAYSON COUNTY --- 3.1 NNW TIOGA [33.51, -96.94], 2.8 SSW TIOGA [33.43, -96.94], 2.2 SE PILOT GROVE [33.41, -96.40], 1.5 NW WHITEWRIGHT [33.49, -96.40]

07/31/14 07:47 CST	0	Flood (due to Heavy Rain)
07/31/14 10:45 CST	0	Source: Emergency Manager

Residual flooding of creeks, streams, and roads continued across the southern portions of Cooke County after 3-5" of rain fell in the area.

An upper level system moving across the region brought a MCS across the northeastern half of the CWA and then another round of heavy rain developed in the wake of the MCS. Heavy rain from both complexes resulted in flash flooding, mainly to the north and northeast of the DFW Metroplex. A few reports of wind damage were also documented.