



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, North

TXZ091>095-100>107-115>123-129>135-141>142-142>148-157>162-174>175 **Montague - Cooke - Grayson - Fannin - Lamar - Young - Jack - Wise - Denton - Collin - Hunt - Delta - Hopkins - Stephens - Palo Pinto - Parker - Tarrant - Dallas - Rockwall - Kaufman - Van Zandt - Rains - Eastland - Erath - Hood - Somervell - Johnson - Ellis - Henderson - Comanche - Mills - Hamilton - Bosque - Hill - Navarro - Freestone - Anderson - Coryell - Bell - McLennan - Falls - Limestone - Leon - Milam - Robertson**

01 0000CST 0 0 100M Drought
31 2359CST

Significant, widespread drought conditions persisted across North Texas throughout the month. This drought now ranks as the worst in North Texas since the severe multi-year drought of the 1950s. The U.S. Drought Monitor continued to place the region in the exceptional drought category, D4, which is the worst possible category and is reserved for particularly damaging events. Disaster declarations remained in place for Collin, Comanche, Hood, and Parker Counties in North Texas. Federal law dictates that these as well as all bordering counties are eligible for federal disaster assistance.

This August marked the greatest number of 100-degree-days ever for the month at Waco, with a total of 27 days that reached or exceeded 100 degrees. The previous record of 26 days was set in 1951. Dallas/Fort Worth set a streak of 19 consecutive 100-degree-days, which ranked 6th on the list of longest 100-degree-day streaks. In fact, Dallas County even considered declaring a heat emergency due to the very hot days and hot nights

Already low water resources dropped even further due to higher summertime water usage and evaporation rates. Most lakes remained well below conservation pool, and several were over 10 feet below normal. Water restrictions remained in effect for most towns and communities. Although these restrictions have helped conserve the water that is available, water usage still measured close to 2 billion gallons per day across North Texas this month. With this high demand combined with exceptionally low water resources, above normal precipitation over the next several months will likely be insufficient to return North Texas lakes to normal levels. The Tarrant Regional Water District continued to employ water conservation methods. The amount of water usually released from Lake Bridgeport into Eagle Mountain Lake was reduced in an effort to conserve water for customers in Parker, Wise, and Jack Counties. This decrease in water sharing will affect recreational users and marina operations at Eagle Mountain Lake

Agricultural losses due to the drought continued to increase as the summer wore on. Ranchers, facing a lack of grass to feed their cattle, had to use hay to supplement feedings. As a result, hay prices increased dramatically, which forced producers to sell off cattle underweight rather than pay the high hay prices. This in turn cost farmers even more money. This will also impact the 2007 cow production numbers due to the fact that there will be fewer calves born because their will be fewer potential mothers. Some ranchers had begun feeding their remaining herds corn husks because hay was so hard to come by. In addition, crop production was poor for the year, with corn, sorghum, and sweet potatoes in particular taking a big hit. The USDA Farm Service Agency representative for Van Zandt and Henderson Counties reported an 80% loss of produce this season. This includes all crops grown in these counties, including sweet potatoes, tomatoes, blueberries, and peaches. This poor crop yield was repeated in numerous other counties across north Texas. Scientists at Texas A&M reported this month that an estimated \$4.1 billion was lost in livestock and crop production this year statewide.

Hunt County

16 SW Greenville 06 1426CST 0 0 Thunderstorm Wind (ES52)
 60 MPH wind gust estimated near Union Valley.

McLennan County

Mart 06 1625CST 0 0 5K Thunderstorm Wind (ES52)
 Trees down and small buildings damaged.



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TEXAS, North

Denton County

Bolivar to 4 SE Sanger	06	1627CST 1645CST			0	0	30K		Thunderstorm Wind (ES52)
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Trees, power lines, and large limbs were blown down, and a trampoline was blown onto the top of a tree in the Bolivar area. Near Sanger, a boat storage building on FM 455 east had its roof peeled back, while power lines were blown down throughout the city. An estimated 60 MPH wind gust was reported about a half-mile west of Lake Ray Roberts Dam.

Lamar County

Roxton	06	1630CST			0	0	3K		Thunderstorm Wind (ES50)
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Several trees were blown down and one fell on a metal shed

Falls County

Marlin	06	1706CST			0	0			Thunderstorm Wind (ES50)
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Several tree branches were broken off.

Grayson County

Collinsville	06	1800CST			0	0	130K		Lightning
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Lightning struck a house and followed the electrical system inside. The house was a total loss, but firefighters were able to save some of the owners' possessions.

Van Zandt County

4 NW Canton	06	1935CST			0	0	10K		Thunderstorm Wind (ES61)
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A porch was blown off of a mobile home in Myrtle Springs.

TXZ118>119

Tarrant - Dallas									
	10	1200CST			0	0			Excessive Heat
	20	1800CST							

Broad upper level high pressure dominated the weather pattern over north Texas...allowing temperatures to soar into the lower 100s. The combination of high afternoon temperatures, high overnight low temperatures, and high humidities prompted the issuance of a heat advisory during this time.

Grayson County

Sherman	11	1520CST			0	0	35K		Thunderstorm Wind (ES56)
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A partially constructed hangar located at the Sherman Airport was collapsed by thunderstorm winds. A section of roofing was also damaged at the nearby Hazco Fire Academy, and two trees were blown down

Fannin County

Bonham	11	1545CST			0	0			Thunderstorm Wind (ES50)
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Trees down.

Wise County

Boyd	11	1545CST			0	0	15K		Thunderstorm Wind (ES50)
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A tree fell on a house.

Collin County

3 W Mc Kinney	12	1610CST			0	0			Thunderstorm Wind (ES50)
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Trees blown down.

Denton County

5 S Aubrey	12	1643CST			0	0			Hail(0.75)
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Spotter reported dime size-hail near the intersection of Highway 360 and Field Road.

Denton County

5 S Aubrey	12	1643CST			0	0			Thunderstorm Wind (MS54)
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Spotter measured a 62 MPH wind gust near the intersection of Highway 360 and Field Road

Grayson County

Tioga	12	1715CST			0	0			Hail(1.00)
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TEXAS, North

Grayson County

Tioga	12	1715CST			0	0	40K		Thunderstorm Wind (ES50)
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Power lines and branches were blown down. Carports were damaged and a roof was partially torn off of an apartment building.

Tarrant County

South Lake	12	1715CST			0	0			Thunderstorm Wind (ES50)
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Several large branches downed near the intersection of Southlake Boulevard and Highway 114

Tarrant County

North Richland Hills	12	1745CST			0	0	10K		Thunderstorm Wind (ES50)
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Power lines down around the city.

Parker County

Aledo	12	1750CST			0	0			Thunderstorm Wind (MS61)
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Spotter measured a 70 MPH wind gust in town near Interstate 20.

Palo Pinto County

Graford	12	1805CST			0	0			Thunderstorm Wind (ES50)
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Tree limbs down.

Wise County

5 NW Chico to 4 N Chico	14	1616CST 1620CST			0	0	30K		Thunderstorm Wind (ES50)
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A trailer was pushed over and large limbs were broken off trees. A home was also damaged

Rains County

Emory	22	1345CST 1350CST			0	0	50K		Thunderstorm Wind (ES50)
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Roof damage occurred at several buildings including an apartment complex and a restaurant. Damage to trees was also reported

Kaufman County

Terrell	22	1522CST			0	0			Thunderstorm Wind (MS50)
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58 MPH wind gust measured by Terrell ASOS.

Hopkins County

Sulphur Spgs to Martin Spgs	22	1530CST 1550CST			0	0	40K		Thunderstorm Wind (ES56)
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A barn was blown down about 1 mile southwest of Sulphur Springs. In downtown Sulphur Springs, winds blew down several power lines on North Locust Street, Gilmer Street, and College Street. At least three trees blew onto three different main power lines in Sulphur Springs and Martin Springs, leaving about 3,000 customers without power. Lightning strikes caught two trees on fire and also struck the radio tower used by the sheriff's office, knocking out the primary communication channel for the city. A survey the next morning revealed that parts of the repeater were badly damaged and would need to be replaced.

Dallas County

2 NE Ovilla	22	1610CST			0	0	1K		Thunderstorm Wind (ES50)
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Trees down on Johnson Lane along the Dallas/Ellis County line.

Ellis County

2 NE Ovilla	22	1610CST			0	0	1K		Thunderstorm Wind (ES50)
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Trees down on Johnson Lane along the Dallas/Ellis County line.

Collin County

3 SW Plano to Plano	22	1645CST			0	0	15K		Thunderstorm Wind (MS40)
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A tree was blown down near the intersection of Coit Road and Highway 190, causing traffic delays of more than 2 hours in either direction. Large limbs were blown down at the intersection of Custer Road and Plano Parkway on the west side of Plano. The traffic control box was also knocked down. Power lines were reported down throughout the city, knocking power out to 5,000 people. Spotters reported wind gusts as high as 46 MPH.



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<u>TEXAS, North</u>									
Collin County									
Mc Kinney	22	1710CST			0	0			Thunderstorm Wind (ES50)
			Trees and large limbs blown down in town.						
Tarrant County									
Haslet	22	1715CST			0	0	10K		Thunderstorm Wind (ES65)
			A chimney was damaged by thunderstorm winds; report relayed by the media						
Dallas County									
Grand Prairie	22	1733CST			0	0			Thunderstorm Wind (MS53)
			61 MPH wind gust reported at the Lockheed Martin building located in the west part of town.						
Fannin County									
2 W Honey Grove	23	1436CST			0	0			Hail(1.00)
Hunt County									
Quinlan	23	1445CST			0	0			Thunderstorm Wind (MS52)
			Winds in excess of 60 mph were reported.						
Hopkins County									
6 E Cumby	23	1504CST			0	0			Thunderstorm Wind (ES52)
			Trees uprooted in the community of Brashear.						
Collin County									
Mc Kinney	23	1700CST			0	0			Thunderstorm Wind (ES50)
			Large tree limbs blown down.						
Ellis County									
Red Oak	23	1800CST			0	0			Thunderstorm Wind (ES50)
			Large tree limbs blown down.						
Tarrant County									
North Richland Hills	23	1809CST			0	0			Thunderstorm Wind (ES50)
			Ten-inch diameter tree limbs broken.						
Dallas County									
Lancaster to Hutchins	23	1824CST 1829CST			0	0	15K		Thunderstorm Wind (MS52)
			A 60 MPH wind gust was measured on the northern side of Lancaster. A hotel awning was torn off and trees and power lines were blown down in Hutchins.						
Lamar County									
Paris	27	1500CST			0	0	15K		Thunderstorm Wind (ES50)
			Several trees and power lines were blown down.						
Tarrant County									
Central Portion	27	1500CST			0	0	5K		Thunderstorm Wind (ES50)
			A few power lines were knocked down.						
Tarrant County									
Ft Worth	27	1513CST			0	0			Thunderstorm Wind (MS54)
			Peak wind of 62 MPH reported on ASOS.						
Collin County									
Plano	27	1530CST			0	0	5K		Thunderstorm Wind (ES50)
			Power lines down in the west part of town.						
Dallas County									
Dallas	27	1530CST			0	0	3K		Thunderstorm Wind (ES50)
			At least one power line was blown down. The former Dallas City Manager was electrocuted and killed while investigating the downed power line.						
Dallas County									
3 N Dallas	27	1538CST			0	0	5K		Lightning
			Lightning struck a home causing a fire to erupt at the residence. The extent of the damage was not known. There were no injuries.						



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TEXAS, North

Fannin County

Leonard

27

1600CST
1700CST

0

0

Flood

Water was covering city streets.

Tarrant County

Ft Worth

27

1830CST

0

0

3K

Lightning

Lightning struck a transformer, knocking out power to Eastern Hills High School in Fort Worth.