

## Storm Data and Unusual Weather Phenomena - February 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
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### TEXAS, North

COMANCHE (TX-Z141), MILLS (TX-Z142), HAMILTON (TX-Z143), LAMPASAS (TX-Z156), CORYELL (TX-Z157), BELL (TX-Z158)

02/01/07 00:00 CST	0	0	Drought
02/28/07 23:59 CST	0	0.18M	

The long-standing drought persisted in the southwestern corner of North Texas. After above normal precipitation last month, this month was well below normal. Dallas/Fort Worth faired only 18% of normal for the month, ending up with only 0.43 inches. Waco wasn't much better, with a total of 0.55 inches (23% of normal). Lack of ample precipitation caused many area wells to run dry. More importantly, reservoirs continued to be well below normal pool elevation. Lake Bridgeport was over seventeen-feet below normal at the end of the month. Likewise, Hubbard Creek Lake was over fourteen-feet below normal.

Because of the lack of rain, dry conditions returned. These dry conditions, combined with gusty winds, allowed wildfires to become more prevalent. A 300-acre blaze burned near Copperas Cove near the end of the month. County officials stated they are expecting an early beginning to an intense fire season.

MONTAGUE (TX-Z091), YOUNG (TX-Z100), JACK (TX-Z101), WISE (TX-Z102), DENTON (TX-Z103), COLLIN (TX-Z104), PARKER (TX-Z117), TARRANT (TX-Z118), DALLAS (TX-Z119)

02/01/07 01:00 CST	0	25K	Winter Weather
02/02/07 03:00 CST	0	0	

A weak cold front moved through North Texas early Friday morning. Temperatures were just cold enough to support light snow across northern portions of North Texas.

MONTAGUE (TX-Z091), COOKE (TX-Z092), GRAYSON (TX-Z093), FANNIN (TX-Z094), LAMAR (TX-Z095), YOUNG (TX-Z100), WISE (TX-Z102), DENTON (TX-Z103), COLLIN (TX-Z104), HUNT (TX-Z105), PALO PINTO (TX-Z116), TARRANT (TX-Z118), DALLAS (TX-Z119), EASTLAND (TX-Z129), SOMERVELL (TX-Z132), ELLIS (TX-Z134), HENDERSON (TX-Z135), BOSQUE (TX-Z144), LAMPASAS (TX-Z156)

02/24/07 12:00 CST	0	1.70M	High Wind (MAX 50 kt)
02/24/07 16:00 CST	3	0	

BELL (TX-Z158)

02/24/07 12:30 CST	0	0.15M	Wildfire
02/24/07 14:00 CST	5	0	

A strong low pressure system in Kansas caused winds behind a dryline to blow between 20 and 40 MPH sustained, with gusts into the 50 to 60 MPH range, bringing with them a huge cloud of dust. Operations were suspended at area airports due to the strength of the wind. Widespread incidents of wind damage and fires sparked by arcing power lines were reported across much of North Texas. Visibilities dropped as low as one mile at Dallas/Fort Worth International Airport as the cloud of dust overspread the region. The dust cloud was clearly visible by satellite and was estimated to be 400 miles long, 70 miles wide, and about 18,000 feet high.