

Storm Data and Unusual Weather Phenomena - October 2014

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

(TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z044) STONEWALL

10/01/14 00:00 CST	0	Drought
10/31/14 23:59 CST	0	

Drought levels between severe (D2) and exceptional (D4) remained across much of the Rolling Plains. All of the South Plains saw improvement to less than D2 drought conditions. The most extreme areas extended from the southeastern Texas Panhandle through the northern Rolling Plains.

The Rolling Plains and extreme southeastern Texas Panhandle continued to be abnormally warm and dry through October. The average mean temperature at Childress was 4.4 degrees above seasonal average. Furthermore, precipitation received at Childress was only 0.32" which is 1.93" below normal. Keetch-Byram Drought Index values worsened across the Rolling Plains. Observed values ranged from 400-500 over the northern portion of the Rolling Plains worsening to 500-600 by the end of the month. The southern Rolling Plains saw values between 200-300 worsening to 300-400 by the end of October. Fire weather concerns through October remained low but were expected to worsen through the winter.

STONEWALL COUNTY --- 3.0 NE ASPERMONT [33.18, -100.19]

10/12/14 20:00 CST	0	Thunderstorm Wind (MG 53 kt)
10/12/14 20:00 CST	0	Source: Mesonet

A Texas Tech University West Texas mesonet site near Aspermont recorded a wind gust to 61 mph.

(TX-Z036) CROSBY

10/13/14 03:10 CST	0	High Wind (MAX 50 kt)
10/13/14 03:10 CST	0	

A strong upper level low pressure system moving out of the Rockies onto the Southern High Plains brought widespread strong winds to the region late on the 12th into the afternoon of the 13th. Winds briefly reached severe criteria at a Texas Tech University West Texas mesonet site near White River Lake (Crosby County). Winds were measured at 58 mph at this location early in the morning on the 13th. This same system brought thunderstorms on the 12th with one storm briefly becoming severe near Aspermont (Stonewall County).