

Storm Data and Unusual Weather Phenomena - October 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South Panhandle				
PARMER COUNTY --- 4.0 N BOVINA [34.58, -102.90]				
	10/07/15 17:17 CST		0	Hail (0.88 in)
	10/07/15 17:17 CST		0	Source: COOP Observer
A COOP Observer observed nickel size hail.				
PARMER COUNTY --- 2.0 NE FRIONA [34.65, -102.71]				
	10/07/15 19:10 CST		0	Thunderstorm Wind (MG 50 kt)
	10/07/15 19:10 CST		0	Source: Mesonet
A Texas Tech University West Texas Mesonet station near Friona measured a 58 mph wind gust.				
PARMER COUNTY --- 1.1 NW FRIONA [34.64, -102.74], 6.8 NW PARMERTON [34.64, -102.90], 3.9 N BOVINA [34.58, -102.90], 3.1 N HUB [34.58, -102.75]				
	10/07/15 23:58 CST		0	Flood (due to Heavy Rain)
	10/08/15 02:00 CST		0	Source: Law Enforcement
Local law enforcement observed flooding in Western Parmer County along Farm to Market Road 1731 north of Bovina and Farm to Market Road 2013 west of Friona.				
An upper level low pressure system approached the South Plains region the evening of October 7, producing a band of thunderstorms, including one supercell, across the far southwest Texas Panhandle into eastern New Mexico. A larger complex of storms subsequently developed into the evening, producing sub-severe hail and high wind gusts across portions of Parmer County. Training showers and storms also caused flooding after midnight.				
BAILEY COUNTY --- 12.0 W PROGRESS [34.29, -103.03]				
	10/20/15 19:40 CST		0	Hail (2.50 in)
	10/20/15 19:40 CST		0	Source: Public
Broadcast media relayed a report from the public of tennis ball size hail six miles south of Farwell, or about two miles west of West Camp in Bailey County. No damage was reported.				
A severe thunderstorm developed early this evening in east-central New Mexico along the eastern fringes of deep Pacific moisture. Shortly after entering far northwest Bailey County, this storm intensified and produced hail as large as tennis balls northwest of West Camp.				
CHILDRESS COUNTY --- 5.1 ESE ARLIE [34.68, -100.00], 4.5 SE ARLIE [34.68, -100.02]				
	10/21/15 19:15 CST		50K	Thunderstorm Wind (EG 61 kt)
	10/21/15 19:20 CST		0	Source: Law Enforcement
A small severe storm damaged 13 utility poles along a stretch of US Highway 62 in extreme northeast Childress County. One of these poles fell and damaged a truck that had stopped off the road to let the storm pass. The driver was not injured. The highway was closed for just over one hour until crews could clear live wires and poles from the road.				
SWISHER COUNTY --- 0.7 N TULIA [34.54, -101.77], 1.8 ENE TULIA [34.54, -101.74]				
	10/21/15 23:58 CST		1K	Thunderstorm Wind (MG 54 kt)
	10/22/15 00:00 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet station. These wind gusts also blew over a few trees in town.				
GARZA COUNTY --- 5.6 SSW GRAHAM CHAPEL [33.08, -101.52]				
	10/22/15 01:45 CST		0	Thunderstorm Wind (MG 52 kt)
	10/22/15 01:45 CST		0	Source: Mesonet
Measured by a Texas Tech University West Texas mesonet station.				
LUBBOCK COUNTY --- 3.0 E BURRIS [33.53, -101.73], 3.0 E BURRIS [33.53, -101.73], 3.0 E BURRIS [33.53, -101.73], 3.0 E BURRIS [33.53, -101.73]				
	10/22/15 03:00 CST		0	Flood (due to Heavy Rain)
	10/22/15 11:00 CST		0	Source: Department of Highways
A portion of Farm-to-Market Road 835 at Buffalo Springs Lake was closed for several hours due to high water.				

Storm Data and Unusual Weather Phenomena - October 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

A slow-moving upper low in Arizona helped spread unseasonably rich moisture and strong upper diffluence over all of eastern New Mexico and West Texas from the 21st through the 22nd. Multiple rounds of scattered showers and storms spread north during the day on the 21st before strong lift arrived from New Mexico late in the evening in the form of a squall line. This large complex of storms crawled slowly east over the South Plains and Rolling Plains during the overnight hours accompanied by heavy rainfall rates at times; however, the majority of the heavy rain amounts of 1.5 to three inches and subsequent minor flooding were attributed more to the long duration of the precipitation event which limited the severity of flooding. Only one road closure due to flooding was logged by TXDOT. Isolated severe wind gusts accompanied the squall line over the South Plains, but one severe thunderstorm well ahead of this line of storms impacted far northeast Childress County where several power poles were felled. By far, the greatest impact of this event was dealt to regional cotton farmers who would suffer a moderate financial toll due to deteriorated cotton quality. This rainfall did alleviate short term drought conditions region wide, particularly in the Rolling Plains where D2 (severe) and D3 (extreme) drought levels were abated by two to four inches of rain.