

Storm Data and Unusual Weather Phenomena - October 2010

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

TEXAS, West

PECOS COUNTY --- 9.6 SE COYANOSA [31.07, -102.89], 9.2 W BALDRIDGE [31.01, -102.78]				
	10/21/10 14:08 CST		0	Hail (1.75 in)
	10/21/10 14:25 CST		0	Source: Trained Spotter

PECOS COUNTY --- 7.8 NW GIRVIN [31.17, -102.46]				
	10/21/10 15:40 CST		0	Hail (1.00 in)
	10/21/10 15:45 CST		0	Source: Trained Spotter

A severe storm produced quarter hail 5-10 miles north of Girvin on FM11. The hail covered the road 1 inch deep.

WARD COUNTY --- 0.8 ESE ROYALTY [31.37, -102.87]				
	10/21/10 15:43 CST		0	Hail (1.75 in)
	10/21/10 15:50 CST		0	Source: Trained Spotter

GAINES COUNTY --- 5.9 S SEAGRAVES [32.84, -102.57]				
	10/21/10 16:45 CST		0	Hail (1.00 in)
	10/21/10 16:50 CST		0	Source: Trained Spotter

UPTON COUNTY --- 2.0 W RANKIN ARPT [31.23, -101.98]				
	10/21/10 16:45 CST		0	Hail (1.00 in)
	10/21/10 16:50 CST		0	Source: Broadcast Media

UPTON COUNTY --- 2.0 SSW RANKIN ARPT [31.21, -101.97], 1.6 S RANKIN ARPT [31.21, -101.95]				
	10/21/10 16:48 CST		0	Tornado (EF0, L: 0.78 mi , W: 75 yd)
	10/21/10 16:50 CST		0	Source: Trained Spotter

Several brief "touchdowns" were reported near Rankin, TX along US Highway 67. The tornado only lasted about two minutes and did not produce any damage along its short path. The path length and width of this tornado were estimated according to spotter reports.

ANDREWS COUNTY --- 5.7 ESE FRANKEL CITY [32.34, -102.69]				
	10/21/10 17:45 CST		0	Hail (1.00 in)
	10/21/10 18:00 CST		0	Source: Trained Spotter

Quarter sized hail occurred just west of the intersection of FM 3901 and SH 176. Cotton crop damage was reported, but the acreage was unknown.

Upper level lift was present over the area due to an approaching low. The upper level support combined with lift and instability at the surface along a dryline across the western Permian Basin. Sufficient heating and moisture ahead of this dryline allowed thunderstorms to develop. These storms produced severe hail and a tornado across the Trans Pecos region and Permian Basin of west Texas.