

## Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### NEW MEXICO, Southeast

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**EDDY COUNTY --- 8.0 W ARTESIA [32.83, -104.54]**

	10/10/07 16:30 MST	0	0	Hail (1.00 in)
	10/10/07 16:35 MST	0	0	Source: Trained Spotter

Quarter sized hail fell eight miles west of Artesia over U.S. Highway 82.

**High instability, moderate shear, and daytime heating contributed to severe thunderstorm development in southeastern New Mexico.**

### TEXAS, West

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**DAWSON COUNTY --- 5.0 N SPARENBURG [32.65, -101.83], 5.0 E SPARENBURG [32.58, -101.74], 5.0 S SPARENBURG [32.51, -101.83], 5.0 W SPARENBURG [32.58, -101.92]**

	10/04/07 17:00 CST	0	0	Flash Flood (due to Heavy Rain)
	10/04/07 19:00 CST	0	0	Source: Public

The public reported wide spread flooding in Sparenburg. Water up to two feet deep flowed over many roads.

**The combination of atmospheric instability, moist southeasterly flow, and an upper level disturbance moving through west Texas lead to heavy rainfall over Dawson County.**

**UPTON COUNTY --- 7.0 NW RANKIN [31.29, -101.98]**

	10/11/07 15:30 CST	0	0	Hail (1.00 in)
	10/11/07 15:30 CST	0	0	Source: Law Enforcement

Law enforcement reported quarter sized hail on Texas State Highway 329.

**ECTOR COUNTY --- ODESSA [31.85, -102.37], 1.0 SE ODESSA [31.84, -102.36]**

	10/11/07 15:52 CST	5K	0	Hail (1.75 in)
	10/11/07 16:00 CST	0	0	Source: Public

Media relayed a report of golfball sized hail at the Ratliff Stadium in Odessa. Several residents of Odessa reported hail up to quarter sized.

**ECTOR COUNTY --- 1.7 ENE GREENFIELD ACRES [31.88, -102.38], 1.9 ENE GREENFIELD ACRES [31.88, -102.37], 2.0 NE GREENFIELD ACRES [31.89, -102.37], 1.8 NE GREENFIELD ACRES [31.89, -102.38]**

	10/11/07 16:24 CST	10K	0	Flash Flood (due to Heavy Rain)
	10/11/07 18:30 CST	0	0	Source: Fire Department/Rescue

The Odessa Fire Department reported a highwater rescue at the intersection of Dixie and 42nd Streets.

**ECTOR COUNTY --- 1.0 NNE ODESSA [31.86, -102.37], 1.1 NNE ODESSA [31.87, -102.36], 1.1 NNE ODESSA [31.87, -102.37], 1.1 NNE ODESSA [31.87, -102.37]**

	10/11/07 17:11 CST	10K	0	Flash Flood (due to Heavy Rain)
	10/11/07 18:30 CST	0	0	Source: Fire Department/Rescue

The Odessa Fire Department reported a highwater rescue at the intersection of Dixie and 17th Streets.

**CRANE COUNTY --- 19.0 WNW CRANE [31.51, -102.65], 18.0 WNW CRANE [31.50, -102.63]**

	10/11/07 17:37 CST	0	0	Hail (0.88 in)
	10/11/07 17:41 CST	0	0	Source: Emergency Manager

Penny to nickel sized hail fell at the Chevron--Warren Petroleum plant and along Texas State Highway 1053.

**Daytime heating and adequate atmospheric instability lead to the development of afternoon showers and thunderstorms. Hail up to golfball size fell throughout portions of the Permian Basin. In addition, weak mid and upper level wind fields resulted in slow storm movements, along with heavy rains and flooding in Ector County.**