

Storm Data and Unusual Weather Phenomena - August 2008

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

LEA COUNTY --- 14.0 E CROSSROADS [33.52, -103.09]

	08/11/08 19:12 MST		0	Hail (0.88 in)
	08/11/08 19:27 MST		0	Source: Public

Penny to nickel size hail occurred for a 15 minute duration.

An isolated severe thunderstorm developed over extreme northern portions of Lea County ahead of a southward moving upper level disturbance.

TEXAS, West

UPTON COUNTY --- 0.7 E RANKIN ARPT [31.23, -101.94]

	08/01/08 15:17 CST		0	Thunderstorm Wind (EG 52 kt)
	08/01/08 15:19 CST		0	Source: Trained Spotter

Severe winds broke one and a half inch diameter branches off of several trees and downed a thirty foot pine tree.

The westward moving remnants of Tropical Storm Dolly coming out of central Texas and the presence of a surface low pressure trough located from central Texas into the Texas Permian Basin, resulted in the development of thunderstorms primarily along and south of Interstate 20. With abundant amounts of moisture in the mid levels of the atmosphere and drier conditions at the surface, developing thunderstorms had the potential to produce strong to severe outflow winds.

GAINES COUNTY --- 4.2 NW SEAGRAVES [32.97, -102.60], 2.2 W SEAGRAVES [32.93, -102.59], 1.8 SE LOOP [32.90, -102.40], 2.0 NNE LOOP [32.95, -102.41]

	08/10/08 19:00 CST		0	Flash Flood (due to Heavy Rain)
	08/11/08 00:00 CST		0	Source: Law Enforcement

Texas State Highway 83 and U.S. Highway 385 in Seagraves were closed due to two feet of flowing water. Farm to Market Road 303 south of Loop was also closed due to high water flowing across the road.

The combination of abundant moisture and a surface frontal boundary draped across the northern portions of the Permian Basin, set the stage for scattered thunderstorm development. With weaker mid level wind flow, heavy rain and flash flooding were reported across portions of Gaines County.

PRESIDIO COUNTY --- 0.6 W (MRF)MARFA MUNI ARPT [30.37, -104.03]

	08/11/08 13:55 CST		0	Thunderstorm Wind (MG 54 kt)
	08/11/08 13:57 CST		0	Source: ASOS

Marfa Automated Surface Observing System measured a thunderstorm wind gust of 62 mph. No damage was reported.

ECTOR COUNTY --- 1.2 W ODESSA ECTOR CO ARPT [31.92, -102.40]

	08/11/08 16:30 CST		0	Thunderstorm Wind (MG 60 kt)
	08/11/08 16:33 CST		0	Source: ASOS

Odessa Automated Surface Observing System measured a wind gust of 69 mph. No damage was reported.

Scattered thunderstorms developed during the afternoon and evening along a weak frontal boundary located over the Permian Basin. Additional thunderstorm development occurred in southwest Texas in areas of favorable upslope low level flow and abundant low level moisture. A couple of these storms were able to reach severe thresholds.

SCURRY COUNTY --- 3.0 E SNYDER [32.72, -100.85]

	08/14/08 22:30 CST		0	Thunderstorm Wind (MG 51 kt)
	08/14/08 22:33 CST		0	Source: Mesonet

Scattered thunderstorms developed and moved into portions of the Rolling Plains during the late evening hours. An isolated severe wind gust was reported at the Texas Tech mesonet observation station just east of Snyder.

REEVES COUNTY --- 20.0 N TOYAH [31.61, -103.78]

Storm Data and Unusual Weather Phenomena - August 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/08 00:57 CST		0	Hail (0.75 in)
	08/19/08 01:03 CST		0	Source: Public
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BREWSTER COUNTY --- 9.0 NW ALPINE [30.46, -103.78], 8.0 SW ALPINE [30.29, -103.76], 2.0 SE ALPINE [30.35, -103.65], 8.0 N ALPINE [30.49, -103.67]				
	08/19/08 01:30 CST		0	Flash Flood (due to Heavy Rain)
	08/19/08 03:30 CST		0	Source: Public

Creeks were reported to be out of their banks, with flooding in the city of Alpine.

Scattered thunderstorms developed across portions of southwest Texas in areas of favorable upslope surface wind flow. Some of these storms were able to approach severe thresholds during the late evening hours on Tuesday, August 19, and continued into the early morning hours on Wednesday.

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CULBERSON COUNTY --- 7.1 NNE PINE SPGS [31.98, -104.77], 11.3 NW PINE SPGS [31.99, -104.95], 8.7 W PINE SPGS [31.88, -104.95], 1.5 NW PINE SPGS [31.90, -104.82], 3.7 N PINE SPGS [31.93, -104.79]				
	08/30/08 16:00 CST		0	Flash Flood (due to Heavy Rain)
	08/30/08 17:00 CST		0	Source: Park/Forest Service

Over a foot of water was reported flowing across Route 54 in Guadalupe National Park.

A strong upper level disturbance, moving northwestward across the area, aided in the development of scattered showers and thunderstorms across the Permian Basin and southwest Texas.

Due to saturated grounds from previous rainfall, additional rainfall over the Guadalupe Mountains of Texas resulted in flash flooding.