

Storm Data and Unusual Weather Phenomena - March 2008

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

(NM-Z028) EDDY COUNTY PLAINS

	03/14/08 12:00 MST	0	0	High Wind (MAX 53 kt)
	03/14/08 17:00 MST	0	0	

The combination of a strong upper level jet moving across the region and a deepening surface low pressure system over Oklahoma resulted in high winds across the plains of southeastern New Mexico.

TEXAS, West

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	03/02/08 05:00 MST	0	0	High Wind (MAX 55 kt)
	03/02/08 15:00 MST	0	0	

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	03/03/08 00:00 CST	0	0	High Wind (MAX 55 kt)
	03/03/08 01:00 CST	0	0	

A strong upper level trough approaching the region and a tightening surface pressure gradient resulted in high winds across the Guadalupe and Davis Mountains.

MITCHELL COUNTY --- 3.5 W COLORADO CITY [32.40, -100.91]

	03/09/08 17:13 CST	0	0	Hail (0.88 in)
	03/09/08 17:20 CST	0	0	Source: Law Enforcement

Mitchell County Sheriff's Office reported nickel sized hail along I-20 near exit 210.

MITCHELL COUNTY --- 1.8 SE LORAIN [32.40, -100.70]

	03/09/08 17:35 CST	0	0	Hail (0.88 in)
	03/09/08 17:45 CST	0	0	Source: Trained Spotter

Pea to nickel sized hail fell southeast of Loraine.

A thunderstorm developed in Mitchell County along a stationary front. The storm moved ENE along I-20 producing hail up to three inches deep along I-20.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	03/13/08 19:00 MST	0	0	High Wind (MAX 71 kt)
	03/14/08 18:00 MST	0	0	

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	03/14/08 06:40 CST	0	0	High Wind (MAX 71 kt)
	03/14/08 19:25 CST	0	0	

The combination of a strong upper level jet moving across the region and a deepening surface low pressure system over Oklahoma resulted in high winds through the Guadalupe and Davis Mountains.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	03/16/08 11:00 CST	0	0	High Wind (MAX 58 kt)
	03/17/08 00:00 CST	0	0	

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	03/16/08 13:00 MST	0	0	High Wind (MAX 58 kt)
	03/16/08 19:00 MST	0	0	

Winds in the upper portions of the atmosphere began increasing over the area ahead of an upper level system located near the California/Arizona state line. As this storm system neared the region, increasing mid level winds worked their way down to the surface

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to produce high winds across the Davis and Guadalupe Mountains.

REAGAN COUNTY --- 0.9 SE BIG LAKE [31.19, -101.46]

03/17/08 19:52 CST	0	Hail (1.00 in)
03/17/08 20:00 CST	0	Source: Trained Spotter

A dryline located just east of the Permian Basin and lower Trans Pecos began retreating westward after sunset. Thunderstorms began to develop and strengthen along this boundary.

HOWARD COUNTY --- 1.5 NW BIG SPRING [32.26, -101.49]

03/22/08 17:39 CST	0	Hail (0.88 in)
03/22/08 17:45 CST	0	Source: Trained Spotter

Nickel hail was reported at the intersection of I-20 and U.S. Highway 87.

GLASSCOCK COUNTY --- 2.8 S LEES [32.04, -101.48]

03/22/08 18:21 CST	0	Hail (1.00 in)
03/22/08 18:31 CST	0	Source: Law Enforcement

Quarter sized hail was reported along Farm to Market Road 33.

ANDREWS COUNTY --- 6.3 ESE ANDREWS CO ARPT [32.28, -102.44]

03/23/08 00:25 CST	0	Hail (0.88 in)
03/23/08 00:35 CST	0	Source: Public

MIDLAND COUNTY --- 4.3 WNW MIDLAND [32.03, -102.14]

03/23/08 01:23 CST	0	Hail (1.00 in)
03/23/08 01:30 CST	0	Source: Law Enforcement

Midland Police reported nickel to quarter sized hail along Midland Drive near Loop 250.

Thunderstorms began developing along and behind a cold front as it pushed southward across west Texas. Abundant moisture and marginal instability enhanced this activity and resulted in a few severe thunderstorms that persisted into the early morning hours.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

03/23/08 01:00 MST	0	High Wind (MAX 52 kt)
03/23/08 03:00 MST	0	

As a strong cold front pushed through the area, strong northeast winds channelled through Guadalupe Pass.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

03/31/08 11:00 MST	0	High Wind (MAX 62 kt)
03/31/08 18:00 MST	0	

Strong winds associated with a fast moving upper level system over the Rocky Mountains brought very windy conditions to the Guadalupe Mountains.