

Storm Data and Unusual Weather Phenomena - April 2010

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

NEW MEXICO, Southeast

(NM-Z028) EDDY COUNTY PLAINS

	04/06/10 08:00 MST	0	0	High Wind (MAX 55 kt)
	04/06/10 11:00 MST	0	0	

Strong mid level winds ahead of an approaching upper trough resulted in high winds in the Guadalupe Mountains.

(NM-Z028) EDDY COUNTY PLAINS

	04/23/10 13:53 MST	0	0	High Wind (MAX 51 kt)
	04/23/10 14:53 MST	0	0	

Strong mid level winds associated with a potent upper air trough imparted strong surface winds to the Guadalupe Mountains, Davis Mountains and portions of the southeast New Mexico plains.

(NM-Z027) GUADALUPE MOUNTAINS OF EDDY COUNTY, (NM-Z028) EDDY COUNTY PLAINS

	04/29/10 04:00 MST	30K	0	High Wind (MAX 60 kt)
	04/29/10 19:10 MST	0	0	

Strong mid level winds preceding the arrival of an upper air trough resulted in strong winds across southeast New Mexico.

TEXAS, West

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

	04/01/10 11:51 MST	0	0	High Wind (MAX 67 kt)
	04/01/10 18:51 MST	0	0	

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

	04/01/10 14:15 CST	0	0	High Wind (MAX 67 kt)
	04/01/10 14:20 CST	0	0	

A potent mid level shortwave trough approached the region. Strong mid level winds ahead of this system mixed down and affected the Davis and Guadalupe Mountains.

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

	04/05/10 12:00 MST	0	0	High Wind (MAX 63 kt)
	04/06/10 23:00 MST	0	0	

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

	04/06/10 16:35 CST	0	0	High Wind (MAX 63 kt)
	04/06/10 16:40 CST	0	0	

Strong mid level winds ahead of an approaching upper trough resulted in high winds in the Guadalupe Mountains.

BREWSTER COUNTY --- 0.9 NE ALPINE MUNI ARPT [30.39, -103.67]

	04/11/10 15:28 CST	0	0	Hail (1.00 in)
	04/11/10 15:33 CST	0	0	Source: Public

BREWSTER COUNTY --- 0.9 NE MARATHON [30.21, -103.24]

	04/11/10 17:40 CST	0.15M	0	Hail (2.00 in)
	04/11/10 17:51 CST	0	0	Source: Fire Department/Rescue

Several windows, roofs and other structural items were damaged at the Gage Hotel in Marathon, TX.

BREWSTER COUNTY --- 2.0 E MARATHON [30.20, -103.22]

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/11/10 17:51 CST		0	Hail (2.00 in)
	04/11/10 18:00 CST		0	Source: Public
<hr/>				
BREWSTER COUNTY --- 40.0 SSE MARATHON [29.67, -102.99]				
	04/11/10 17:58 CST		0	Hail (1.25 in)
	04/11/10 18:05 CST		0	Source: COOP Observer
<hr/>				
CULBERSON COUNTY --- 7.4 N PINE SPGS [31.99, -104.82]				
	04/12/10 16:32 CST		0	Hail (1.00 in)
	04/12/10 16:45 CST		0	Source: Park/Forest Service
<hr/>				
CULBERSON COUNTY --- 4.0 NW PINE SPGS [31.92, -104.85], PINE SPGS [31.88, -104.80], 2.9 NNE PINE SPGS [31.92, -104.79], 4.5 NNW PINE SPGS [31.94, -104.82]				
	04/12/10 20:24 CST		0	Flash Flood (due to Heavy Rain)
	04/12/10 21:24 CST		0	Source: Park/Forest Service
<hr/>				
A park ranger reported a 3 foot boulder was blocking SH 54 due to high flowing water. Low water crossings were also impassable.				
An upper level shortwave trough along with adequate moisture and daytime heating lead to widely scattered to scattered thunderstorms across southwest and west Texas.				
<hr/>				
CULBERSON COUNTY --- KENT [31.07, -104.22]				
	04/14/10 15:42 CST		0	Hail (1.00 in)
	04/14/10 15:50 CST		0	Source: Public
<hr/>				
BREWSTER COUNTY --- CASTOLON [29.13, -103.52], 6.0 WNW CASTOLON [29.16, -103.61], 6.3 WNW CASTOLON [29.18, -103.61], 3.8 NW CASTOLON [29.17, -103.56], 1.2 NNW CASTOLON [29.15, -103.53]				
	04/14/10 16:25 CST		0	Flash Flood (due to Heavy Rain)
	04/14/10 17:25 CST		0	Source: Park/Forest Service
<hr/>				
More than 6 inches of flowing water was present across several low water crossings along Route 16 from Castolon to Santa Elena Canyon. There was no significant damage reported.				
<hr/>				
MIDLAND COUNTY --- 4.8 ENE MIDLAND [32.02, -102.00], 4.8 WNW GREENWOOD [32.02, -102.00], 4.7 WNW GREENWOOD [32.02, -102.00], 4.8 WNW GREENWOOD [32.02, -102.00]				
	04/15/10 09:15 CST		0	Flash Flood (due to Heavy Rain)
	04/15/10 10:00 CST		0	Source: Public
<hr/>				
Six to eight inches of flowing water covered the intersection of Interstate 20 and County Road 1140. There were no reports of damage.				
An abundantly high amount of moisture combined with an upper level disturbance, slow storm motions and a surface dryline to produce heavy rainfall across southwest Texas. In addition, one severe storm was also observed during the afternoon hours.				
<hr/>				
BORDEN COUNTY --- 1.2 W GAIL [32.77, -101.45]				
	04/22/10 17:46 CST		0	Hail (1.00 in)
	04/22/10 17:51 CST		0	Source: COOP Observer
<hr/>				
SCURRY COUNTY --- 2.0 SSW KNAPP [32.62, -101.13]				
	04/22/10 18:48 CST		0	Hail (1.00 in)
	04/22/10 18:50 CST		0	Source: COOP Observer
<hr/>				
DAWSON COUNTY --- 1.9 WNW WELCH [32.93, -102.16]				
	04/22/10 19:07 CST		0	Hail (1.75 in)
	04/22/10 19:12 CST		0	Source: Public
<hr/>				
SCURRY COUNTY --- 5.0 NE KNAPP [32.70, -101.06]				
	04/22/10 19:10 CST		0	Thunderstorm Wind (EG 52 kt)
	04/22/10 19:12 CST		0	Source: Trained Spotter

A metal roof was blown off a structure due to a strong wind gust, estimated to be near 60 mph.

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANDREWS COUNTY --- ANDREWS [32.32, -102.55]				
	04/22/10 20:20 CST	0		Hail (0.88 in)
	04/22/10 20:23 CST	0		Source: Trained Spotter
ANDREWS COUNTY --- 2.0 E ANDREWS CO ARPT [32.33, -102.50]				
	04/22/10 20:24 CST	0		Hail (1.75 in)
	04/22/10 20:27 CST	0		Source: Trained Spotter
ANDREWS COUNTY --- 8.1 SSE ANDREWS [32.21, -102.50]				
	04/22/10 20:33 CST	0		Hail (1.00 in)
	04/22/10 20:37 CST	0		Source: Trained Spotter
UPTON COUNTY --- 0.6 E MC CAMEY [31.13, -102.22]				
	04/22/10 21:54 CST	0		Hail (1.00 in)
	04/22/10 21:58 CST	0		Source: Law Enforcement
UPTON COUNTY --- 0.6 E RANKIN ARPT [31.23, -101.94]				
	04/22/10 22:22 CST	0		Hail (1.00 in)
	04/22/10 22:26 CST	0		Source: Law Enforcement

Surface convergence along a dryline and the approach of an upper level shortwave trough across far west Texas resulted in scattered severe convection during the evening hours.

(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	04/22/10 18:51 MST	0		High Wind (MAX 60 kt)
	04/24/10 05:00 MST	0		
(TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	04/23/10 18:35 CST	0		High Wind (MAX 60 kt)
	04/24/10 07:50 CST	0		

Strong mid level winds associated with a potent upper air trough imparted strong surface winds to the Guadalupe Mountains, Davis Mountains and portions of the southeast New Mexico plains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	04/28/10 11:00 MST	0		High Wind (MAX 72 kt)
	04/30/10 04:51 MST	0		

Strong mid level winds preceding an upper level trough resulted in strong winds across the Guadalupe Mountains.