

Storm Data and Unusual Weather Phenomena - April 2015

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

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

	04/08/15 11:00 MST	0		High Wind (MAX 54 kt)
	04/08/15 15:06 MST	0		

Strong southwesterly winds aloft ahead of an approaching shortwave trough resulted in high winds in the Guadalupe Mountains.

LEA COUNTY --- NADINE [32.60, -103.12]

	04/12/15 17:32 MST	0		Hail (0.75 in)
	04/12/15 17:37 MST	0		Source: NWS Employee

Upper level low pressure area centered near Baja moved toward West Texas and then slowly across the Permian Basin and the Texas Panhandle, which provided enough lift over the area to produce showers and thunderstorms.

TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	04/02/15 10:51 MST	0		High Wind (MAX 50 kt)
	04/02/15 16:26 MST	0		

Increasing westerly flow aloft ahead of an approaching upper trough resulted in strong winds in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	04/04/15 03:51 MST	0		High Wind (MAX 41 kt)
	04/04/15 09:51 MST	0		

A strong cold front resulted in northeast gap winds over 40 mph sustained through Guadalupe Pass.

(TX-Z045) GAINES, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	04/08/15 11:51 MST	0		High Wind (MAX 52 kt)
	04/08/15 13:51 MST	0		

(TX-Z045) GAINES, (TX-Z074) DAVIS / APACHE MOUNTAINS AREA, (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

	04/08/15 17:15 CST	0		High Wind (MAX 52 kt)
	04/08/15 18:45 CST	0		

Strong southwesterly winds aloft ahead of an approaching shortwave trough resulted in high winds in the Guadalupe Mountains.

GAINES COUNTY --- 2.0 NNE SEMINOLE [32.75, -102.64]

	04/08/15 17:40 CST	0		Thunderstorm Wind (MG 52 kt)
	04/08/15 17:41 CST	0		Source: Mesonet

A thunderstorm moved across Gaines County and produced a 60 mph wind gust near Seminole.

ECTOR COUNTY --- ODESSA [31.85, -102.37]

	04/08/15 18:21 CST	0		Hail (0.75 in)
	04/08/15 18:26 CST	0		Source: NWS Employee

An upper level trough progressed to the north of the region with a dryline across southeast New Mexico, the Permian Basin, and the Lower Trans Pecos. Moisture and instability were present along and to the east of the dryline. The instability was hindered somewhat by the cloud cover. An upper level disturbance moved over the region which increased lift over the area. These conditions created an environment favorable for thunderstorms. There was a dry sub-cloud layer over the higher terrain allowing for strong winds from thunderstorms that developed across the area.

BREWSTER COUNTY --- 26.0 E CASTOLON [29.13, -103.09]

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	04/12/15 14:00 CST		0	Thunderstorm Wind (MG 50 kt)
	04/12/15 14:00 CST		0	Source: AWOS
A thunderstorm moved across Brewster County and produced a 58 mph wind gust at the Big Bend Portable RAWS station.				
BREWSTER COUNTY --- PANTHER JUNCTION [29.30, -103.30]				
	04/12/15 14:00 CST		0	Thunderstorm Wind (MG 51 kt)
	04/12/15 14:00 CST		0	Source: AWOS
A thunderstorm moved across Brewster County and produced a 59 mph wind gust at the Panther Junction RAWS station.				
LOVING COUNTY --- 2.0 W MENTONE [31.70, -103.63]				
	04/12/15 14:35 CST		0	Hail (1.75 in)
	04/12/15 14:40 CST		0	Source: Public
BREWSTER COUNTY --- 17.9 SE PANTHER JUNCTION [29.10, -103.11]				
	04/12/15 14:50 CST		0	Thunderstorm Wind (MG 56 kt)
	04/12/15 14:50 CST		0	Source: AWOS
TERRELL COUNTY --- DRYDEN [30.05, -102.12]				
	04/12/15 15:25 CST		0	Thunderstorm Wind (MG 59 kt)
	04/12/15 15:25 CST		0	Source: ASOS
A thunderstorm moved across Terrell County and produced a 68 mph wind gust at the Dryden ASOS site.				
TERRELL COUNTY --- DRYDEN [30.05, -102.12]				
	04/12/15 15:31 CST		0	Thunderstorm Wind (MG 59 kt)
	04/12/15 15:31 CST		0	Source: ASOS
A thunderstorm moved across Terrell County and produced a 68 mph wind gust at the Dryden ASOS site.				
BREWSTER COUNTY --- PANTHER JUNCTION [29.30, -103.30]				
	04/12/15 15:38 CST		0	Thunderstorm Wind (MG 51 kt)
	04/12/15 15:38 CST		0	Source: AWOS
ECTOR COUNTY --- 8.0 W ODESSA [31.85, -102.51]				
	04/12/15 16:05 CST		0	Hail (1.25 in)
	04/12/15 16:10 CST		0	Source: Public
TERRELL COUNTY --- DRYDEN [30.05, -102.12]				
	04/12/15 16:25 CST		0	Thunderstorm Wind (MG 59 kt)
	04/12/15 16:25 CST		0	Source: ASOS
ECTOR COUNTY --- ODESSA [31.85, -102.37]				
	04/12/15 16:37 CST		0	Hail (1.00 in)
	04/12/15 16:42 CST		0	Source: Law Enforcement
MIDLAND COUNTY --- MIDLAND [32.00, -102.08]				
	04/12/15 18:00 CST		0	Thunderstorm Wind (EG 76 kt)
	04/12/15 18:00 CST		0	Source: Social Media
Large tree uprooted in south Midland.				
MIDLAND COUNTY --- 3.6 WSW MIDLAND [31.97, -102.13], 3.3 SW MIDLAND [31.97, -102.13], 3.4 SW MIDLAND [31.97, -102.12], 3.7 SW MIDLAND [31.97, -102.13]				
	04/12/15 18:09 CST		0	Flash Flood (due to Heavy Rain)
	04/12/15 18:09 CST		0	Source: NWS Employee
ECTOR COUNTY --- 0.3 WSW ODESSA [31.85, -102.37], 0.5 S ODESSA [31.84, -102.37], 0.7 ESE ODESSA [31.84, -102.36], 0.3 ENE ODESSA [31.85, -102.37]				

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	04/12/15 18:30 CST		0	Flash Flood (due to Heavy Rain)
	04/12/15 19:30 CST		0	Source: Social Media

At West County Road and University, running water approximately 10 inches deep and over sidewalks. Video via Social Media.

GLASSCOCK COUNTY --- 2.0 W GARDEN CITY [31.87, -101.53]

04/12/15 19:00 CST	0.10M	Lightning
04/12/15 19:00 CST	0	Source: Broadcast Media

A thunderstorm moved across Glasscock County and lightning struck and caused a tank battery fire near Garden City . The cost of damage is a very rough estimate. There were no injuries reported.

Upper level low pressure area centered near Baja moved toward West Texas and then slowly across the Permian Basin and the Texas Panhandle, which provided enough lift over the area to produce showers and thunderstorms.

GAINES COUNTY --- 8.0 SW SEAGRAVES [32.86, -102.66], 5.0 SSW LOOP [32.85, -102.44], 7.2 N LOOP [33.02, -102.44], 11.6 NW SEAGRAVES ARPT [33.05, -102.69]

04/13/15 11:53 CST	0	Flash Flood (due to Heavy Rain)
04/13/15 17:53 CST	0	Source: Law Enforcement

Road closure due to flash flooding at Highway 385 and State Highway 83.

DAWSON COUNTY --- 2.8 S EVELENA [32.58, -102.07], 4.0 E MIDWAY [32.69, -101.71], 2.1 ESE HINDMAN [32.87, -101.84], 2.5 SSW PUNKIN CENTER [32.82, -102.07]

04/13/15 13:08 CST	1.50K	Flash Flood (due to Heavy Rain)
04/13/15 19:08 CST	0	Source: Law Enforcement

Police Department reported cars flooded on Highway 349 south of Lamesa. Estimated 1 foot of water flowing across the road.

HOWARD COUNTY --- 7.1 NNW COAHOMA [32.40, -101.33], 6.7 NNW COAHOMA [32.39, -101.34], 7.1 ESE LUTHER [32.41, -101.36], 7.7 SW VINCENT [32.42, -101.34]

04/13/15 14:15 CST	0	Flash Flood (due to Heavy Rain)
04/13/15 16:15 CST	0	Source: Law Enforcement

Vehicle stalled in high water at the intersection of State Highway 350 and Farm to Market Road 820.

MITCHELL COUNTY --- COLORADO CITY [32.40, -100.85], 1.6 W COLORADO CITY [32.40, -100.88], 2.4 WNW COLORADO CITY [32.42, -100.88], 1.5 N COLORADO CITY [32.42, -100.85]

04/13/15 15:15 CST	0	Flash Flood (due to Heavy Rain)
04/13/15 18:00 CST	0	Source: Public

Six inches to one foot of wather running over roads in northern Colorado City.

DAWSON COUNTY --- 2.3 WNW LAMESA [32.75, -101.98], 1.5 WSW LAMESA [32.72, -101.97], 1.3 ESE LAMESA [32.73, -101.93], 1.0 SSE LAMESA JOHNSON ARPT [32.76, -101.95]

04/13/15 15:35 CST	0	Flash Flood (due to Heavy Rain)
04/13/15 17:15 CST	0	Source: Law Enforcement

Heavy rain causes high water at the intersection of St Hwy 349 and US Hwy 180, which closed the road.

GAINES COUNTY --- SEAGRAVES [32.93, -102.55], 1.7 W SEAGRAVES [32.93, -102.58], 1.9 NW SEAGRAVES [32.95, -102.58], 1.2 W SEAGRAVES ARPT [32.95, -102.55]

04/13/15 15:38 CST	0	Flash Flood (due to Heavy Rain)
04/13/15 17:15 CST	0	Source: Law Enforcement

Heavy rain cause flash flooding which lead to a road closure at the intersection of State Highway 83 and US Highway 385 in Seagraves.

An upper level storm system across New Mexico combined with a southward slow moving cold front in the Texas Panhandle and abundant moisture resulted in widespread and long duration rainfall across the northern Permian Basin.

PECOS COUNTY --- 14.0 E FT STOCKTON [30.88, -102.63]

04/16/15 16:15 CST	0	Hail (0.88 in)
04/16/15 16:20 CST	0	Source: Public

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PECOS COUNTY --- 7.0 W BAKERSFIELD [30.88, -102.40]				
	04/16/15 16:30 CST		0.57K	Hail (2.50 in)
	04/16/15 16:45 CST		0	Source: Public
Golf ball to tennis ball size hail shattered a skylight on residents home and cracked another. A recreational vehicle was also damaged.				
WARD COUNTY --- MONAHANS [31.58, -102.90]				
	04/16/15 16:41 CST		0	Hail (1.00 in)
	04/16/15 16:46 CST		0	Source: Public
WARD COUNTY --- MONAHANS [31.58, -102.90]				
	04/16/15 16:50 CST		0	Hail (1.75 in)
	04/16/15 16:55 CST		0	Source: Public
PECOS COUNTY --- IMPERIAL [31.27, -102.68]				
	04/16/15 17:55 CST		0	Hail (1.25 in)
	04/16/15 18:00 CST		0	Source: Public
PECOS COUNTY --- IMPERIAL [31.27, -102.68]				
	04/16/15 17:57 CST		0	Hail (1.00 in)
	04/16/15 18:02 CST		0	Source: Public
ANDREWS COUNTY --- ANDREWS [32.32, -102.55]				
	04/16/15 18:00 CST		0	Hail (1.00 in)
	04/16/15 18:05 CST		0	Source: Social Media
DAWSON COUNTY --- 6.0 W LAMESA [32.73, -102.05]				
	04/16/15 18:05 CST		0	Hail (1.00 in)
	04/16/15 18:10 CST		0	Source: Trained Spotter
Time estimated by radar.				
An upper low was located in the four corners region and a sharp dryline was present from a Lamesa to Midland to Fort Stockton line. There was enough upper level support to aid in thunderstorm development. Instability was high with enough moisture in place that allowed for the formation of supercells.				
SCURRY COUNTY --- 0.7 N INADALE [32.54, -100.68]				
	04/22/15 17:18 CST		0	Tornado (EF0, L: 0.01 mi , W: 50 yd)
	04/22/15 17:22 CST		0	Source: Public
A landspout was reported by the public via social media. The landspout lasted a few short minutes in farmland in southeast Scurry County.				
An upper trough located west of the region resulted in southwesterly flow aloft and the development of a lee surface trough which allowed for strong low level southerly flow and Gulf moisture to advance west across the region. With plenty of moisture in place, an embedded disturbance in the mid level flow was enough to initiate thunderstorms along the dryline.				
(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	04/24/15 00:51 MST		0	High Wind (MAX 52 kt)
	04/24/15 18:51 MST		0	
An upper trough passing by just north of the region resulted in high winds in the Guadalupe Mountains.				
(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	04/26/15 12:28 MST		0	High Wind (MAX 54 kt)
	04/26/15 16:51 MST		0	
A passing upper level trough imparted strong westerly winds to the Guadalupe Mountains.				