

Storm Data and Unusual Weather Phenomena - April 2013

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

TEXAS, West

BREWSTER COUNTY --- MARATHON [30.20, -103.25]

04/01/13 19:06 CST		0		Hail (1.00 in)
04/01/13 19:11 CST		0		Source: Law Enforcement

A severe thunderstorm developed in Brewster County and produced quarter sized hail in Marathon.

BREWSTER COUNTY --- 7.0 S MARATHON [30.10, -103.25]

04/01/13 19:45 CST		0		Hail (0.88 in)
04/01/13 19:50 CST		0		Source: Storm Chaser

A severe thunderstorm developed over Brewster County and moved south of Marathon producing nickel size hail. Hail was located over highway 385 and covered the ground.

A strong cold front was located across the Texas panhandle with a dryline across the central Permian Basin. Good low level moisture was across the area and strong upper level winds were present. This contributed to thunderstorms forming across the Trans Pecos and Davis Mountains.

BREWSTER COUNTY --- 22.0 SSE ALPINE [30.08, -103.53]

04/02/13 14:30 CST		0		Hail (1.75 in)
04/02/13 14:35 CST		0		Source: COOP Observer

A thunderstorm moved over Brewster County and produced golfball sized hail 22 miles south southeast of Alpine. The hail covered the road.

TERRELL COUNTY --- 22.0 NNE SANDERSON [30.44, -102.26]

04/02/13 14:30 CST		0		Hail (1.25 in)
04/02/13 15:00 CST		0		Source: Public

A thunderstorm moved over Terrell County and produced half dollar sized hail 22 miles north northeast of Sanderson.

BREWSTER COUNTY --- 29.0 E MARATHON [30.20, -102.76]

04/02/13 15:15 CST		0		Hail (1.00 in)
04/02/13 15:20 CST		0		Source: Public

A severe thunderstorm developed 29 miles east of Marathon and produced quarter sized hail.

BREWSTER COUNTY --- 16.0 NE TERLINGUA [29.49, -103.41]

04/02/13 15:30 CST		0		Hail (1.00 in)
04/02/13 15:45 CST		0		Source: COOP Observer

A thunderstorm moved over Brewster County and produced quarter sized hail at Terlingua Ranch Lodge. The hail lasted fifteen minutes.

TERRELL COUNTY --- 10.0 SE DRYDEN [29.95, -102.00]

04/02/13 16:42 CST		0		Hail (0.88 in)
04/02/13 16:47 CST		0		Source: Public

A thunderstorm moved over Terrell County and produced nickel sized hail ten miles southeast of Dryden.

TERRELL COUNTY --- 10.0 SE DRYDEN [29.95, -102.00]

04/02/13 16:50 CST		0		Thunderstorm Wind (EG 52 kt)
04/02/13 16:51 CST		0		Source: Public

A thunderstorm moved over Terrell County and produced a 60 mph wind gust ten miles southeast of Dryden.

A strong upper level trough moved over the four corners region of the United States which provided strong lift across portions of west Texas. A cold front moved into the Pecos River valley early that morning. Ahead of the approaching cold front a dryline was able to set up over central Texas. Unstable conditions developed across the Davis Mountains and the Stockton Plateau as strong daytime heating was present. Thunderstorms developed early in the afternoon and moved east and became severe.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/02/13 19:51 MST		0	High Wind (MAX 52 kt)
	04/02/13 23:18 MST		0	

High winds occurred in Guadalupe Pass behind a strong cold front.

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

04/08/13 10:51 MST	0	High Wind (MAX 58 kt)
04/09/13 17:52 MST	0	

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

04/09/13 14:05 CST	0	High Wind (MAX 58 kt)
04/09/13 14:50 CST	0	

An upper low moving into the Great Basin region resulted in strong winds in the Guadalupe Mountains.

BREWSTER COUNTY --- ALPINE [30.37, -103.67]

04/13/13 14:00 CST	0	Hail (1.00 in)
04/13/13 14:05 CST	0	Source: NWS Employee

A thunderstorm developed over Brewster County and produced quarter sized hail in Alpine.

BREWSTER COUNTY --- 7.9 SW ALPINE MUNI ARPT [30.30, -103.78], 9.6 SW ALPINE [30.26, -103.77]

04/13/13 14:30 CST	0	Tornado (EF0, L: 2.61 mi , W: 300 yd)
04/13/13 14:34 CST	0	Source: NWS Employee

A thunderstorm developed over the Davis Mountains in Brewster County during the afternoon. At 3:21 pm CDT, a trained spotter positioned along Highway 90 between Marfa and Alpine witnessed the development of a funnel cloud. At 3:24 pm CDT, the funnel appeared to develop a wall cloud. At 3:30 pm CDT, debris was clearly indicated extending east of Paisano Pass. From another spotter looking at the storm, the tornado appeared to move southwest during its life cycle. The tornado did not seem to last more than four minutes before dissipating at approximately 3:34 pm CDT. The tornado was rated as an EF-0.

An upper low was present west of Texas over Mexico with a surface low across far West Texas. Low level moisture was abundant across the area with southeast winds. Good instability along with upslope flow across the Davis Mountains was also present during the day. Thunderstorms began to develop in and around the Davis Mountains during the afternoon and produced some large hail as well as a tornado.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

04/14/13 01:00 MST	0	High Wind (MAX 66 kt)
04/14/13 15:51 MST	0	

Strong southwest flow aloft resulted in high winds in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

04/15/13 02:26 MST	0	High Wind (MAX 70 kt)
04/15/13 16:51 MST	0	

Strong southwest winds aloft continued to result in high winds in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

04/17/13 22:46 MST	0	High Wind (MAX 56 kt)
04/18/13 02:09 MST	0	

A shortwave trough moving over the southern Rocky Mountains resulted in high winds in the Guadalupe Mountains.

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

04/23/13 22:51 MST	0	High Wind (MAX 41 kt)
04/24/13 03:51 MST	0	

Gusty northeast winds behind a strong cold front resulted in high winds in the Guadalupe Mountains.

CULBERSON COUNTY --- VAN HORN [31.05, -104.82]

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/25/13 19:23 CST		0	Hail (0.75 in)
	04/25/13 19:28 CST		0	Source: Law Enforcement

A thunderstorm developed over Culberson County and produced penny sized hail in Van Horn.

An upper level low was centered over Arizona, and low level moisture had increased with southeasterly winds. Good instability was present across the area. Thunderstorms developed from the Upper Trans Pecos towards Van Horn and produced some hail.

TERRELL COUNTY --- 1.0 SE SANDERSON [30.14, -102.39]

04/28/13 18:30 CST	0	Hail (1.50 in)
04/28/13 18:35 CST	0	Source: NWS Employee

A thunderstorm developed over Terrell County and produced pingpong ball sized hail one mile southeast of Sanderson.

TERRELL COUNTY --- 3.0 SE SANDERSON [30.12, -102.36]

04/28/13 18:30 CST	0	Hail (1.25 in)
04/28/13 18:35 CST	0	Source: Trained Spotter

A thunderstorm developed over Terrell County and produced half dollar sized hail three miles southeast of Sanderson.

A weak mid-level trough was over Texas, and plentiful moisture was in place across the area. Also, there was good instability present. This contributed to thunderstorms developing across the Lower Trans Pecos.