

## Storm Data and Unusual Weather Phenomena - June 2009

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

**LEA COUNTY --- 12.0 WNW EUNICE [32.50, -103.34]**

	06/01/09 22:41 MST	0	Hail (0.75 in)
	06/01/09 22:43 MST	0	Source: Trained Spotter

Although the deep layer shear this day was relatively weak compared to the previous days, there was plenty of boundary layer moisture/instability to work with. Steep mid-level lapse rates and low wet bulb zero heights also resulted in increased hail threats from any storms that developed within a theta-e ridge axis positioned over the east central CWA.

**LEA COUNTY --- 3.0 NE LOVINGTON ARPT [32.98, -103.36]**

	06/03/09 21:50 MST	4K	Thunderstorm Wind (EG 56 kt)
	06/03/09 21:51 MST	0	Source: Public

Two distribution power poles were blown down due to damaging winds. A 60 mph wind gust was also measured at the Lea County Coop Plant.

An upper level storm system and associated cold front resulted in isolated convection across southeast New Mexico. One severe thunderstorm with small hail and damaging winds dove south across Lea County New Mexico.

**EDDY COUNTY --- 9.0 WSW WHITES CITY [32.12, -104.51]**

	06/04/09 15:17 MST	0	Hail (0.75 in)
	06/04/09 15:19 MST	0	Source: Trained Spotter

**LEA COUNTY --- TATUM [33.25, -103.32]**

	06/04/09 18:45 MST	0	Thunderstorm Wind (MG 51 kt)
	06/04/09 18:50 MST	0	Source: COOP Observer

On this day, a surface trough located near southeast New Mexico was the focus for some thunderstorm development. The deep layer shear and surface based instability resulted in a couple of severe thunderstorms.

**LEA COUNTY --- LOVINGTON [32.93, -103.35]**

	06/10/09 07:00 MST	0	Hail (0.88 in)
	06/10/09 07:03 MST	0	Source: Law Enforcement

An active severe weather pattern set up over portions of southeast New Mexico on this day, with an upper level trough crossing the Rocky Mountains. The large scale lift associated with this trough combined with the moisture available resulted in thunderstorm development across portions of Lea County New Mexico.

**LEA COUNTY --- 0.9 SW JAL [32.11, -103.19]**

	06/14/09 15:26 MST	0	Hail (1.75 in)
	06/14/09 15:29 MST	0	Source: Law Enforcement

**LEA COUNTY --- 0.9 SW JAL [32.11, -103.19]**

	06/14/09 15:29 MST	0	Hail (4.25 in)
	06/14/09 15:32 MST	0	Source: Fire Department/Rescue

**LEA COUNTY --- JAL [32.12, -103.18]**

	06/14/09 16:29 MST	20K	Thunderstorm Wind (EG 56 kt)
	06/14/09 16:34 MST	0	Source: Law Enforcement

The wind gusts associated with the thunderstorm knocked down fences and multiple power poles in Jal, NM.

**EDDY COUNTY --- 1.5 NNE ATOKA [32.79, -104.39], 3.9 SW DAYTON [32.71, -104.40]**

	06/14/09 19:45 MST	16K	Thunderstorm Wind (EG 61 kt)
	06/14/09 20:00 MST	0	Source: Trained Spotter

There were numerous damage reports associated with this severe thunderstorm. The damage path has been estimated according to these reports. At 1945 MST, a trained spotter reported that a small camper was blown over onto a pickup truck near the intersection of Kincaid Rd and Highway 385. Significant damage was done to the camper. About five minutes later, 30' long by 20' wide metal sheds were destroyed about 5 miles south of Artesia and an Atoka, NM resident had his porch awning blown off his house. Around 1955 MST, thunderstorm wind gusts snapped a power pole in half near the junction of 4 Dinkus Rd and Highway 285.

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**EDDY COUNTY --- 1.9 WSW ARTESIA [32.82, -104.43]**

	06/14/09 19:52 MST		0	Hail (0.75 in)
	06/14/09 19:57 MST		0	Source: Storm Chaser

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**EDDY COUNTY --- 4.0 S ARTESIA [32.77, -104.40], 1.1 NNE ATOKA [32.78, -104.39]**

	06/14/09 19:58 MST		40K	Hail (1.00 in)
	06/14/09 20:03 MST		0	Source: Trained Spotter

Cotton and alfalfa crops were damaged near Atoka, NM. The Quentin Rogers cotton fields were stripped down to bare ground, while a 3 foot tall hay field near East Blevins Road and Highway 385 was stripped down to 10 inches tall.

**An upper level trough across the Great Basin resulted in southwest flow aloft across West Texas and Southeast New Mexico. The combination of disturbances moving northeast across the area, strong daytime heating and good low level moisture ahead of the dryline resulted in severe weather across the area. The main threat during this episode was large hail and strong damaging winds.**

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**LEA COUNTY --- LOVINGTON [32.93, -103.35]**

	06/18/09 14:45 MST		4K	Thunderstorm Wind (EG 56 kt)
	06/18/09 14:47 MST		0	Source: Trained Spotter

A carport and small outbuilding were destroyed by thunderstorm wind gusts.

**A mid-level shortwave trough passed over the region on this day, resulting in scattered thunderstorm development along a surface trough/dryline.**

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**EDDY COUNTY --- 0.2 NE MALAGA [32.22, -104.07], 0.4 NNE MALAGA [32.23, -104.07], 0.6 NW MALAGA [32.23, -104.08], 0.5 WNW MALAGA [32.22, -104.08]**

	06/20/09 00:24 MST		0	Flash Flood (due to Heavy Rain)
	06/20/09 04:15 MST		0	Source: Law Enforcement

Law enforcement reported multiple county roads were barricaded near Malaga, NM due to high water. Sandbags were also used to prevent flooding near homes.

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**EDDY COUNTY --- 0.5 WNW OTIS [32.35, -104.18], 0.6 N OTIS [32.36, -104.17], 0.5 E OTIS [32.35, -104.16], 0.3 SSW OTIS [32.35, -104.17]**

	06/20/09 00:24 MST		0	Flash Flood (due to Heavy Rain)
	06/20/09 04:15 MST		0	Source: Law Enforcement

The sheriff's office reported that they were barricading low water crossing near Otis due to 1 to 2 feet of flowing water through some intersections. Sandbags were also used to prevent flooding near homes. No damage was reported, however.

**Unseasonably high moisture content through the atmospheric column, an upper level jet max and a weak mid-level shortwave trough combined resulting in heavy rainfall across much of the area.**

### TEXAS, West

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**TERRELL COUNTY --- 9.7 N (P07)SANDERSON [30.29, -102.40]**

	06/02/09 15:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/02/09 15:16 CST		0	Source: Law Enforcement

The wind gusts were estimated to be near 50 to 60 mph by law enforcement. No damage was reported.

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**HOWARD COUNTY --- 7.0 NE (BGS)BIG SPRING ARPT [32.37, -101.35]**

	06/02/09 17:57 CST		0	Hail (0.75 in)
	06/02/09 17:59 CST		0	Source: Trained Spotter

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**ECTOR COUNTY --- 3.4 E GARDENDALE [32.01, -102.36]**

	06/02/09 18:34 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/02/09 18:36 CST		0	Source: Public

The roof of a slightly modified mobile home was blown off by outflow winds well ahead of any significant convection. Rain was observed 25 minutes after the winds. The debris associated with the roof also caused some minor damage to adjacent homes.

## Storm Data and Unusual Weather Phenomena - June 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A dryline moved across West Texas on this day, resulting in thunderstorm development across the region. In addition to the dryline, a cold front also approached the area from the north providing an additional focus for thunderstorms.

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**ECTOR COUNTY --- 2.4 W NOTREES [31.92, -102.79]**

	06/05/09 16:09 CST	0	0	Hail (1.00 in)
	06/05/09 16:11 CST	0	0	Source: Trained Spotter

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**MIDLAND COUNTY --- 0.3 SE MIDLAND [32.00, -102.08]**

	06/05/09 23:18 CST	0	0.45M	Thunderstorm Wind (EG 65 kt)
	06/05/09 23:23 CST	0	0	Source: Public

Damage was done to a 24 story building near downtown Midland, TX. Large wood panels, each weighing between 200 to 300 pounds 4'x4'x1', were torn off the outside of the structure near the 6th and 7th floors. This has required the building to be re-engineered, with the removal of an additional 150 panels from the structure. The time of this report was estimated.

**Intense heating along a dryline and upper level support from a speed max resulted in severe thunderstorms across portions of the Lower Trans Pecos of southwest Texas.**

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**PECOS COUNTY --- IMPERIAL [31.27, -102.68]**

	06/06/09 16:30 CST	0	3K	Thunderstorm Wind (EG 61 kt)
	06/06/09 16:35 CST	0	0	Source: Public

The damaging winds associated with this storm blew over a carport and broke large tree limbs up to 8 to 10 inches in diameter.

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**GLASSCOCK COUNTY --- 12.0 W GARDEN CITY [31.87, -101.70]**

	06/06/09 18:45 CST	0	0	Hail (1.00 in)
	06/06/09 18:47 CST	0	0	Source: Law Enforcement

**Intense heating along a dryline and upper level support from a speed max resulted in a couple of severe thunderstorms across portions of the Trans Pecos and Permian Basin of southwest Texas.**

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**GLASSCOCK COUNTY --- 5.0 W ST LAWRENCE [31.67, -101.58]**

	06/07/09 09:10 CST	0	0	Thunderstorm Wind (MG 52 kt)
	06/07/09 09:12 CST	0	0	Source: Mesonet

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**PECOS COUNTY --- 10.7 W BAKERSFIELD [30.89, -102.46]**

	06/07/09 14:27 CST	0	1.50M	Hail (1.00 in)
	06/07/09 14:37 CST	0	0	Source: Trained Spotter

Mesa Vineyard lost eighty percent of their grapes due to hail damage.

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**PECOS COUNTY --- 1.4 WNW BAKERSFIELD [30.89, -102.30]**

	06/07/09 16:40 CST	0	0	Hail (0.88 in)
	06/07/09 16:42 CST	0	0	Source: Public

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**HOWARD COUNTY --- 2.7 ESE COAHOMA [32.28, -101.26]**

	06/07/09 17:05 CST	0	0	Hail (1.00 in)
	06/07/09 17:07 CST	0	0	Source: Fire Department/Rescue

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**SCURRY COUNTY --- 0.7 N WINSTON [32.71, -100.92]**

	06/07/09 18:00 CST	0	0	Thunderstorm Wind (MG 50 kt)
	06/07/09 18:05 CST	0	0	Source: Mesonet

**Considerable mid level moisture across portions of southwest Texas and lift associated with a shortwave trough resulted in thunderstorm development this day. Although coverage remained isolated to widely scattered, multiple severe reports were received due to the instability across the region.**

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**GLASSCOCK COUNTY --- 1.2 E GARDEN CITY [31.87, -101.48]**

	06/08/09 16:20 CST	0	0	Hail (0.88 in)
	06/08/09 16:22 CST	0	0	Source: Law Enforcement

## Storm Data and Unusual Weather Phenomena - June 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<hr/>				
<b>HOWARD COUNTY --- 1.0 NW BIG SPRING [32.26, -101.48]</b>	06/08/09 18:03 CST	0		Hail (1.00 in)
	06/08/09 18:04 CST	0		Source: Law Enforcement
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<b>HOWARD COUNTY --- 1.4 WNW BIG SPRING [32.26, -101.49]</b>	06/08/09 18:03 CST	0		Hail (1.00 in)
	06/08/09 18:05 CST	0		Source: Law Enforcement
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<b>Storms developed in a warm moist environment over portions of the eastern County Warning Area on this day. Strong winds in the mid to upper portion of the atmosphere allowed for some supercells to develop, with severe hail.</b>				
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<b>BREWSTER COUNTY --- 1.4 ESE ALPINE [30.36, -103.65]</b>	06/09/09 14:15 CST	0		Hail (0.88 in)
	06/09/09 14:17 CST	0		Source: Public
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<b>BREWSTER COUNTY --- 8.4 SSE ALPINE [30.26, -103.61]</b>	06/09/09 14:55 CST	0		Hail (0.88 in)
	06/09/09 14:57 CST	0		Source: Trained Spotter
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<b>GLASSCOCK COUNTY --- 3.0 W GARDEN CITY [31.87, -101.55]</b>	06/09/09 18:12 CST	0		Hail (1.25 in)
	06/09/09 18:13 CST	0		Source: Law Enforcement
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<b>GLASSCOCK COUNTY --- 3.0 W GARDEN CITY [31.87, -101.55]</b>	06/09/09 18:12 CST	0		Thunderstorm Wind (EG 52 kt)
	06/09/09 18:13 CST	0		Source: Law Enforcement
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An estimated 60 mph wind gust picked up a camper trailer. No significant damage was reported.				
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<b>BREWSTER COUNTY --- 17.0 ENE ALPINE [30.46, -103.41]</b>	06/09/09 19:12 CST	0		Hail (1.75 in)
	06/09/09 19:15 CST	0		Source: COOP Observer
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<b>A dryline was located across the region on this day and this combined with weak mid to upper level disturbances moving over the area during the peak heating hours of the day, resulted in thunderstorm development.</b>				
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<b>BREWSTER COUNTY --- 0.7 S ALPINE [30.36, -103.67]</b>	06/10/09 03:49 CST	0		Hail (0.75 in)
	06/10/09 03:51 CST	0		Source: Public
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<b>DAWSON COUNTY --- 6.0 WSW LAMESA [32.70, -102.05]</b>	06/10/09 12:08 CST	0		Hail (1.00 in)
	06/10/09 12:10 CST	0		Source: Trained Spotter
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<b>DAWSON COUNTY --- LAMESA [32.73, -101.95]</b>	06/10/09 12:20 CST	0		Hail (1.75 in)
	06/10/09 12:24 CST	0		Source: Law Enforcement
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<b>DAWSON COUNTY --- 1.0 SSE LAMESA [32.72, -101.94]</b>	06/10/09 12:25 CST	0		Hail (1.75 in)
	06/10/09 12:28 CST	0		Source: COOP Observer
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<b>DAWSON COUNTY --- 3.0 ESE LAMESA [32.71, -101.90]</b>	06/10/09 12:25 CST	0		Hail (2.50 in)
	06/10/09 12:28 CST	0		Source: Trained Spotter
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<b>DAWSON COUNTY --- 3.3 ESE LAMESA [32.71, -101.90]</b>				

## Storm Data and Unusual Weather Phenomena - June 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/10/09 12:25 CST		0	Hail (2.50 in)
	06/10/09 12:27 CST		0	Source: Trained Spotter
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<b>SCURRY COUNTY --- 4.0 NNW SNYDER [32.77, -100.93]</b>				
	06/10/09 13:21 CST		0	Hail (0.75 in)
	06/10/09 13:25 CST		0	Source: Trained Spotter
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<b>PECOS COUNTY --- 25.0 E FT STOCKTON [30.88, -102.45]</b>				
	06/10/09 13:40 CST		0	Hail (0.88 in)
	06/10/09 13:43 CST		0	Source: Trained Spotter
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<b>SCURRY COUNTY --- 4.5 NE IRA [32.63, -100.95]</b>				
	06/10/09 13:45 CST		0	Hail (1.00 in)
	06/10/09 13:48 CST		0	Source: Trained Spotter
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<b>PECOS COUNTY --- 3.0 W BAKERSFIELD [30.88, -102.33]</b>				
	06/10/09 13:53 CST		0	Hail (1.00 in)
	06/10/09 13:55 CST		0	Source: Trained Spotter
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<b>SCURRY COUNTY --- IRA [32.58, -101.00]</b>				
	06/10/09 14:01 CST		0	Hail (0.88 in)
	06/10/09 14:05 CST		0	Source: Trained Spotter
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<b>PECOS COUNTY --- 15.0 E BAKERSFIELD [30.88, -102.03]</b>				
	06/10/09 14:10 CST		0	Hail (1.00 in)
	06/10/09 14:12 CST		0	Source: Public
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<p><b>An active severe weather pattern set up over southwest Texas on this day, with an upper level trough crossing the Rocky Mountains. The large scale lift associated with this trough combined with the low level moisture available resulted in numerous severe thunderstorms developing.</b></p>				
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<b>(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY</b>				
	06/10/09 13:51 MST		0	High Wind (MAX 35 kt)
	06/10/09 16:51 MST		0	
<p><b>Strong mid to upper level winds, associated with an approaching trough moving across the Rocky Mountains, mixed down to the higher terrain of the Guadalupe Mountains during the late afternoon hours.</b></p>				
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<b>ECTOR COUNTY --- 1.1 NNE WEST ODESSA [31.84, -102.49]</b>				
	06/13/09 15:45 CST		0	Hail (1.25 in)
	06/13/09 15:46 CST		0	Source: Trained Spotter
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<b>ECTOR COUNTY --- ODESSA [31.85, -102.37]</b>				
	06/13/09 15:46 CST		0	Hail (1.75 in)
	06/13/09 15:47 CST		0	Source: Public
<hr/>				
<b>ECTOR COUNTY --- ODESSA [31.85, -102.37]</b>				
	06/13/09 15:46 CST		0	Hail (1.75 in)
	06/13/09 15:49 CST		0	Source: Public
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<b>DAWSON COUNTY --- 5.0 N LAMESA [32.80, -101.95]</b>				
	06/13/09 17:17 CST		0	Thunderstorm Wind (EG 52 kt)
	06/13/09 17:18 CST		0	Source: Trained Spotter
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<p>There were no damage reports with this gust.</p>				
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<b>PECOS COUNTY --- 6.0 SW GIRVIN [31.02, -102.45]</b>				
	06/13/09 17:35 CST		0	Hail (0.75 in)
	06/13/09 17:37 CST		0	Source: Storm Chaser

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<b>PECOS COUNTY --- 5.0 SW GIRVIN [31.03, -102.44]</b>				
	06/13/09 17:37 CST		0	Hail (1.00 in)
	06/13/09 17:38 CST		0	Source: Storm Chaser
<b>GLASSCOCK COUNTY --- 14.1 WNW GARDEN CITY [31.93, -101.73]</b>				
	06/13/09 18:05 CST		0	Thunderstorm Wind (EG 52 kt)
	06/13/09 18:06 CST		0	Source: Storm Chaser
Although damage was not reported with this wind gust, blowing dust resulted in reduced visibilities.				
<b>Severe weather developed on this day across portions of southwest Texas as abundant moisture resided over the region and a mid-level shortwave trough moved overhead. This feature arrived during the peak heating hours of the day resulting in numerous storms developing.</b>				
<b>GAINES COUNTY --- SEMINOLE [32.72, -102.65]</b>				
	06/14/09 17:40 CST		0	Thunderstorm Wind (MG 56 kt)
	06/14/09 17:45 CST		0	Source: Mesonet
<b>PECOS COUNTY --- 10.0 W FT STOCKTON [30.88, -103.04]</b>				
	06/14/09 17:48 CST		0	Thunderstorm Wind (EG 61 kt)
	06/14/09 17:53 CST		0	Source: Public
Sixty to seventy mph wind gusts reduced the visibility to 15 feet in blowing dust.				
<b>GAINES COUNTY --- 1.4 WNW SEAGRAVES [32.94, -102.57]</b>				
	06/14/09 17:57 CST		0	Hail (0.88 in)
	06/14/09 18:00 CST		0	Source: Trained Spotter
<b>WARD COUNTY --- 1.4 ENE GRANDFALLS [31.34, -102.85]</b>				
	06/14/09 18:13 CST		0	Hail (0.75 in)
	06/14/09 18:18 CST		0	Source: Public
<b>PECOS COUNTY --- 7.4 WSW FT STOCKTON ARPT FST [30.89, -103.04]</b>				
	06/14/09 19:07 CST		0	Hail (0.88 in)
	06/14/09 19:10 CST		0	Source: Trained Spotter
<b>PECOS COUNTY --- 4.2 E FT STOCKTON [30.89, -102.80]</b>				
	06/14/09 20:03 CST		30K	Hail (1.25 in)
	06/14/09 20:10 CST		0	Source: Trained Spotter
Damage was reported at the KOA campground, including damage to several motor homes. The hail was 2 to 3 inches deep.				
<b>BREWSTER COUNTY --- 8.0 S ALPINE [30.25, -103.67]</b>				
	06/14/09 21:45 CST		0	Hail (0.88 in)
	06/14/09 21:55 CST		0	Source: Public
<b>BREWSTER COUNTY --- 8.3 S ALPINE [30.25, -103.67]</b>				
	06/14/09 21:54 CST		0	Hail (0.88 in)
	06/14/09 21:57 CST		0	Source: Trained Spotter
<b>An upper level trough across the Great Basin resulted in southwest flow aloft across West Texas and Southeast New Mexico. The combination of disturbances moving northeast across the area, strong daytime heating and good low level moisture ahead of the dryline resulted in severe weather across the area. The main threat during this episode was large hail and damaging winds.</b>				
<b>(TX-Z075) PECOS</b>				
	06/14/09 19:45 CST		0	High Wind (MAX 57 kt)
	06/14/09 19:50 CST		0	

An upper level trough located across the Great Basin resulted in strong mid to upper southwest flow over West Texas. These winds mixed down to the surface during the peak heating hours of the day.

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<b>PECOS COUNTY --- 7.8 NNW BELDING [30.89, -103.05]</b>				
	06/15/09 15:13 CST		0	Hail (1.75 in)
	06/15/09 15:16 CST		0	Source: Public
<b>PECOS COUNTY --- 1.4 WNW FT STOCKTON [30.89, -102.89]</b>				
	06/15/09 15:41 CST		0	Hail (1.00 in)
	06/15/09 15:41 CST		0	Source: Storm Chaser
<b>PECOS COUNTY --- 1.4 WNW FT STOCKTON [30.89, -102.89]</b>				
	06/15/09 15:45 CST		0	Hail (1.75 in)
	06/15/09 15:48 CST		0	Source: Public
<b>PECOS COUNTY --- 2.1 S FT STOCKTON ARPT FST [30.89, -102.92]</b>				
	06/15/09 15:50 CST		0	Hail (1.00 in)
	06/15/09 15:53 CST		0	Source: Public
<b>PECOS COUNTY --- 3.0 E FT STOCKTON [30.88, -102.82]</b>				
	06/15/09 16:04 CST		0	Hail (2.75 in)
	06/15/09 16:07 CST		0	Source: Public
<p>Isolated severe thunderstorms developed across the Trans Pecos region as an upper level trough remained across the Great Basin area. Modest low level moisture, instability and shear all combined to produce a few severe storms. Several large hail reports occurred during this event.</p>				
<b>BREWSTER COUNTY --- 8.4 SSW PANTHER JUNCTION [29.19, -103.36]</b>				
	06/16/09 17:30 CST		0	Hail (0.88 in)
	06/16/09 17:42 CST		0	Source: Law Enforcement
<b>BREWSTER COUNTY --- 1.8 SSW PANTHER JUNCTION [29.28, -103.31], 4.5 NNE PANTHER JUNCTION [29.36, -103.26], 4.3 NE PANTHER JUNCTION [29.34, -103.24], 2.6 SSE PANTHER JUNCTION [29.27, -103.28]</b>				
	06/16/09 18:02 CST		0	Flash Flood (due to Heavy Rain)
	06/16/09 19:30 CST		0	Source: Law Enforcement
<p>Several large rocks up to the size of basketballs were removed from SH 118 due to the flash flooding across the highway.</p>				
<p>Significant moisture just east of a dryline across the Big Bend region of Texas allowed for isolated convection to develop during the early evening hours.</p>				
<b>PECOS COUNTY --- 19.7 WSW COYANOSA [31.03, -103.29]</b>				
	06/17/09 16:10 CST		0	Hail (1.50 in)
	06/17/09 16:15 CST		0	Source: COOP Observer
<p>A region of surface convergence along the western County Warning Area combined with an upper level disturbance moving into the region from the west resulted in isolated to widely scattered convection across portions of the Davis Mountains and Rio Grande River Valley.</p>				
<b>ECTOR COUNTY --- 1.8 NE GREENFIELD ACRES [31.89, -102.38], 2.0 NE GREENFIELD ACRES [31.89, -102.37], 1.9 ENE GREENFIELD ACRES [31.88, -102.37], 1.8 ENE GREENFIELD ACRES [31.88, -102.37]</b>				
	06/20/09 06:00 CST		0	Flash Flood (due to Heavy Rain)
	06/20/09 06:30 CST		0	Source: Law Enforcement
<p>Law enforcement reported that the roads were impassible at the intersection of 42nd and Dixie due to high water.</p>				
<p>Unseasonably high moisture content through the atmospheric column, an upper level jet max and a weak mid-level shortwave trough combined resulting in heavy rainfall across much of the area.</p>				
<b>BREWSTER COUNTY --- 5.5 NNW ALPINE TERLINGUA ARP [29.53, -103.43]</b>				
	06/21/09 15:25 CST		0	Hail (1.00 in)
	06/21/09 15:30 CST		0	Source: COOP Observer

## Storm Data and Unusual Weather Phenomena - June 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Upslope flow, daytime heating and abundant moisture in place allowed for storms to develop over the higher terrain of West Texas.

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### (TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY

06/22/09 15:58 MST	0	High Wind (MAX 51 kt)
06/22/09 16:03 MST	0	

Strong mid-level winds in the base of a trough mixed down to the higher terrain of the Guadalupe Mountains of Texas during the late afternoon peak heating hours of the day.

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### CULBERSON COUNTY --- (GDP)GUADALUPE PASS [31.80, -104.80]

06/23/09 11:38 CST	0	Thunderstorm Wind (MG 51 kt)
06/23/09 11:46 CST	0	Source: ASOS

Isolated storms developed over the mountainous terrain of West Texas during the afternoon hours where a plume of moisture was present.