

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NEW MEXICO, Southeast</b>				
<b>LEA COUNTY --- 2.0 SW TATUM [33.23, -103.34]</b>				
	06/05/13 19:35 MST		0	Thunderstorm Wind (MG 54 kt)
	06/05/13 19:36 MST		0	Source: Mesonet
A thunderstorm moved over Lea County and produced a 62 mph wind gust two miles southwest of Tatum.				
<b>LEA COUNTY --- 2.0 SW TATUM [33.23, -103.34]</b>				
	06/05/13 19:50 MST		0	Thunderstorm Wind (MG 54 kt)
	06/05/13 19:51 MST		0	Source: Mesonet
A thunderstorm moved over Lea County and produced a 62 mph wind gust two miles southwest of Tatum.				
<b>LEA COUNTY --- HOBBS [32.70, -103.13]</b>				
	06/05/13 20:12 MST		40K	Thunderstorm Wind (EG 56 kt)
	06/05/13 20:15 MST		0	Source: Trained Spotter
A thunderstorm moved over Lea County and resulted in brown-out conditions, snapped power poles, and downed trees in Hobbs. Wind gusts were estimated to be around 65 mph. The cost of damage is a rough estimate.				
<b>LEA COUNTY --- 5.0 NW HOBBS [32.75, -103.19]</b>				
	06/05/13 20:17 MST		0	Thunderstorm Wind (MG 51 kt)
	06/05/13 20:18 MST		0	Source: Mesonet
A thunderstorm moved over Lea County and produced a 59 mph wind gust five miles northwest of Hobbs.				
<p><b>A surface trough was in place across West Texas and Southeast New Mexico which created instability. An outflow boundary was across the northern Permian Basin in advance of a cold front that was moving southward across West Texas as an upper level disturbance moved over the area. These features helped to create good lift over the area. A dryline was across the Permian Basin and Lower Trans Pecos with good moisture present. Thunderstorms developed along the dryline, outflow boundary, and cold front and produced severe wind gusts and large hail.</b></p>				
<b>LEA COUNTY --- 22.0 W JAL [32.12, -103.56]</b>				
	06/16/13 16:21 MST		0	Hail (1.00 in)
	06/16/13 16:26 MST		0	Source: Trained Spotter
A thunderstorm moved over Lea County and produced quarter sized hail 22 miles west of Jal along State Highway 128.				
<p><b>A surface trough was in place across eastern New Mexico and West Texas, and an upper level disturbance moved near the area which provided lift. Good moisture and instability aided in generating thunderstorms across Southeast New Mexico and the Upper Trans Pecos.</b></p>				
<b>EDDY COUNTY --- QUEEN [32.20, -104.73]</b>				
	06/17/13 13:14 MST		0	Hail (1.25 in)
	06/17/13 13:19 MST		0	Source: Fire Department/Rescue
<b>EDDY COUNTY --- QUEEN [32.20, -104.73]</b>				
	06/17/13 13:20 MST		0	Hail (1.50 in)
	06/17/13 13:25 MST		0	Source: Park/Forest Service
<b>EDDY COUNTY --- QUEEN [32.20, -104.73], 0.3 ENE QUEEN [32.20, -104.73], 0.4 E QUEEN [32.20, -104.72], 0.2 ESE QUEEN [32.20, -104.73]</b>				
	06/17/13 14:30 MST		8K	Flash Flood (due to Heavy Rain)
	06/17/13 15:00 MST		0	Source: Park/Forest Service
Heavy rain moved across Eddy County and produced flash flooding on the south side of Queen. Debris was reported flowing across Highway 137 just south of Queen and down into Last Chance Canyon with a couple feet of water associated with it. The cost of damage is a very rough estimate. There were no reports of crop damage.				
<b>LEA COUNTY --- 1.0 W LOVINGTON [32.93, -103.37]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/13 16:18 MST		0	Hail (1.00 in)
	06/17/13 16:23 MST		0	Source: Public
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<b>LEA COUNTY --- LOVINGTON [32.93, -103.35]</b>	06/17/13 16:28 MST		0	Hail (0.88 in)
	06/17/13 16:33 MST		0	Source: Trained Spotter
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<b>LEA COUNTY --- 2.0 N HOBBS [32.73, -103.13]</b>	06/17/13 17:10 MST		0	Hail (0.88 in)
	06/17/13 17:15 MST		0	Source: Public
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<b>LEA COUNTY --- 17.0 N HOBBS [32.95, -103.13]</b>	06/17/13 17:12 MST		0	Thunderstorm Wind (EG 54 kt)
	06/17/13 17:13 MST		0	Source: Storm Chaser
<p>A thunderstorm moved across Lea County and produced estimated 60 to 62 mph wind gusts 17 miles north of Hobbs.</p>				
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<b>LEA COUNTY --- 1.0 N HOBBS [32.71, -103.13]</b>	06/17/13 17:15 MST		0	Heavy Rain
	06/17/13 17:45 MST		0	Source: Public
<p>Heavy rain moved across Lea County. Four to five inches of water was reported across Highway 132 north of Hobbs.</p>				
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<b>LEA COUNTY --- 3.1 N HOBBS [32.74, -103.14], 2.3 N HOBBS [32.73, -103.14], 2.5 NNE HOBBS [32.73, -103.11], 3.2 NNE HOBBS [32.74, -103.11]</b>	06/17/13 17:15 MST		1K	Flash Flood (due to Heavy Rain)
	06/17/13 17:45 MST		2K	Source: Public
<p>Heavy rain moved across Lea County and produced flash flooding two miles north of Hobbs. Fields and roads were flooded at this location. No details about the damage from this flooding were reported. The cost of damage is a very rough estimate.</p>				
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<b>LEA COUNTY --- 1.0 S HOBBS [32.69, -103.13]</b>	06/17/13 17:30 MST		0	Hail (0.88 in)
	06/17/13 17:35 MST		0	Source: Public
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<b>LEA COUNTY --- 1.0 W HOBBS [32.70, -103.15], 0.8 W HOBBS [32.70, -103.14], 0.8 W HOBBS [32.70, -103.14], 1.0 W HOBBS [32.70, -103.15]</b>	06/17/13 17:30 MST		2K	Flash Flood (due to Heavy Rain)
	06/17/13 18:00 MST		0	Source: Public
<p>Heavy rain moved across Lea County and produced flash flooding in Hobbs. Eight inches of water was reported on Grimes Road in Hobbs. The cost of damage is a rough estimate.</p>				
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<b>LEA COUNTY --- 5.0 S HOBBS [32.63, -103.13]</b>	06/17/13 17:30 MST		3K	Thunderstorm Wind (EG 43 kt)
	06/17/13 17:32 MST		0	Source: Public
<p>A thunderstorm moved across Lea County and produced a 40 to 50 mph wind gust five miles south of Hobbs. Trees were reported to be down over the road between Hobbs and Nadine from this wind gust. The cost of damage is a rough estimate.</p>				
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<b>LEA COUNTY --- HOBBS [32.70, -103.13], 0.6 W HOBBS [32.70, -103.14], 1.0 SW HOBBS [32.69, -103.14], 0.8 S HOBBS [32.69, -103.13]</b>	06/17/13 17:34 MST		5K	Flash Flood (due to Heavy Rain)
	06/17/13 18:04 MST		0	Source: Public
<p>Heavy rain moved across Lea County and produced flash flooding in Hobbs. There were high water rescues as a result of the flooding. The cost of damage is a rough estimate.</p>				
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<b>LEA COUNTY --- 2.9 SW SOUTH LEA CO ARPT [32.77, -103.54], 0.5 SE BUCKEYE [32.78, -103.47], 1.9 NE SOUTH LEA CO ARPT [32.82, -103.47], 2.5 NW SOUTH LEA CO ARPT [32.82, -103.54]</b>	06/17/13 17:42 MST		0	Flash Flood (due to Heavy Rain)
	06/17/13 18:12 MST		0	Source: Public
<p>Heavy rain moved across Lea County and produced flash flooding near Hobbs. Eight inches of water was reported on the roads 25 miles west of Hobbs. There was no damage reported so the cost of damage is assumed to be zero.</p>				

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LEA COUNTY --- 0.6 S HOBBS [32.69, -103.13], 0.7 SSE HOBBS [32.69, -103.13], 0.3 SE HOBBS [32.70, -103.13], 0.2 SSE HOBBS [32.70, -103.13]</b>				
	06/17/13 17:54 MST		0.50K	Flash Flood (due to Heavy Rain)
	06/17/13 18:24 MST		0	Source: Public
<p>Heavy rain moved across Lea County and produced flash flooding in Hobbs. Ten inches of water was reported over Del Paso, Marland, and Main Streets in Hobbs. The cost of damage is a very rough estimate since no damage was reported.</p> <p><b>An upper ridge was over northern Mexico, and abundant moisture was over the area from southeast low level winds. A surface boundary was present across the Permian Basin with upper level disturbances passing nearby which provided lift. This lift and moisture combined with good instability to produce hail, strong winds, and flash flooding across New Mexico and West Texas.</b></p>				
<b>EDDY COUNTY --- 10.0 NW LOVING [32.38, -104.22]</b>				
	06/19/13 13:39 MST		0	Hail (0.88 in)
	06/19/13 13:44 MST		0	Source: Public
<b>EDDY COUNTY --- 19.0 NE MALAGA [32.41, -103.84]</b>				
	06/19/13 16:05 MST		0	Hail (0.88 in)
	06/19/13 16:30 MST		0	Source: Public
<p><b>An upper ridge was over the region with good low level moisture in place. An outflow boundary was present across the Permian Basin and Southeast New Mexico. This boundary became a focus for thunderstorm development during the afternoon and evening hours.</b></p>				
<b>EDDY COUNTY --- 4.0 NW CARLSBAD [32.46, -104.28]</b>				
	06/20/13 14:05 MST		0	Hail (1.75 in)
	06/20/13 14:10 MST		0	Source: Public
<b>EDDY COUNTY --- CARLSBAD [32.42, -104.23]</b>				
	06/20/13 14:30 MST		0	Hail (0.75 in)
	06/20/13 14:35 MST		0	Source: Fire Department/Rescue
<b>EDDY COUNTY --- CARLSBAD [32.42, -104.23]</b>				
	06/20/13 14:30 MST		0	Hail (1.75 in)
	06/20/13 14:35 MST		0	Source: Law Enforcement
<b>EDDY COUNTY --- CARLSBAD [32.42, -104.23]</b>				
	06/20/13 14:35 MST		0	Hail (1.50 in)
	06/20/13 14:40 MST		0	Source: Trained Spotter
<b>EDDY COUNTY --- CARLSBAD [32.42, -104.23]</b>				
	06/20/13 15:13 MST		0	Hail (1.50 in)
	06/20/13 15:18 MST		0	Source: Public
<b>EDDY COUNTY --- 1.5 N HAPPY VLY [32.44, -104.27], 0.8 NNE HAPPY VLY [32.43, -104.27], 1.3 ENE HAPPY VLY [32.43, -104.25], 1.8 NE HAPPY VLY [32.44, -104.25]</b>				
	06/20/13 15:45 MST		0	Flash Flood (due to Heavy Rain)
	06/20/13 16:15 MST		0	Source: Trained Spotter
<p>Heavy rain moved across Eddy County and produced flash flooding in Carlsbad. There was curb to curb flooding across northwest sections of Carlsbad. There was no damage reported with this event so the cost of damage is assumed to be zero.</p>				
<b>EDDY COUNTY --- 1.5 NNE HAPPY VLY [32.44, -104.26], 1.0 NE HAPPY VLY [32.43, -104.26], 1.1 NW CARLSBAD [32.43, -104.24], 1.5 NW CARLSBAD [32.44, -104.25]</b>				
	06/20/13 15:50 MST		0	Flash Flood (due to Heavy Rain)
	06/20/13 16:20 MST		0	Source: Public
<p>Heavy rain moved over Eddy County and produced flash flooding in Carlsbad. Some of the streets were flooded to the top of the curbs. There was no damage reported with the flooding, so the cost of damage is assumed to be zero.</p>				
<b>EDDY COUNTY --- 5.0 E CARLSBAD [32.42, -104.14]</b>				

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/20/13 16:10 MST		0	Hail (1.75 in)
	06/20/13 16:15 MST		0	Source: Trained Spotter

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### EDDY COUNTY --- 5.0 SSW CARLSBAD [32.35, -104.26]

	06/20/13 16:27 MST		0	Thunderstorm Wind (MG 58 kt)
	06/20/13 16:28 MST		0	Source: ASOS

A thunderstorm moved over Eddy County and produced a 67 mph wind gust five miles south southwest of Carlsbad.

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### EDDY COUNTY --- 4.0 SSW CARLSBAD [32.37, -104.26]

	06/20/13 16:28 MST		10K	Thunderstorm Wind (EG 52 kt)
	06/20/13 16:30 MST		0	Source: Trained Spotter

A thunderstorm moved across Eddy County and produced wind damage four miles south southwest of Carlsbad. Five power poles snapped near the ground at Highway 62/180 and West Derrick Road just east of the airport. The cost of damage is a rough estimate.

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### EDDY COUNTY --- 1.8 NW CARLSBAD [32.44, -104.25], 1.6 NW CARLSBAD [32.44, -104.25], 1.5 NW CARLSBAD [32.44, -104.24], 1.6 WSW LA HUERTA [32.44, -104.25]

	06/20/13 17:00 MST		0.16M	Flash Flood (due to Dam / Levee Break)
	06/20/13 17:30 MST		0	Source: Emergency Manager

Heavy rain moved across Eddy County and produced flash flooding in Carlsbad. Water breached a canal and flooded sixteen homes with one foot of water. The cost of damage is a rough estimate.

**An upper ridge was over the region with upper level disturbances that moved over the area providing lift. There were weak winds aloft and good low-level moisture and instability. These conditions resulted in hail, strong winds, and flash flooding across Southeast New Mexico.**

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### LEA COUNTY --- EUNICE [32.43, -103.15]

	06/21/13 17:01 MST		0	Hail (1.00 in)
	06/21/13 17:06 MST		0	Source: Public

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### LEA COUNTY --- GLADIOLA [33.25, -103.17]

	06/21/13 17:25 MST		0	Thunderstorm Wind (EG 52 kt)
	06/21/13 17:26 MST		0	Source: Public

A thunderstorm moved across Lea County and produced a 60 mph wind gust at the Western Bar and Grill in Gladiola.

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### LEA COUNTY --- GLADIOLA [33.25, -103.17]

	06/21/13 18:02 MST		0	Hail (1.00 in)
	06/21/13 18:07 MST		0	Source: Public

**An upper level ridge had become flattened over the region as a result of an upper level disturbance that was over the Texas panhandle. A surface trough, which provided lift, was across Southeast New Mexico and far West Texas. There was plentiful low-level moisture and instability across the area. These ingredients allowed severe thunderstorms to develop across the Davis Mountains, Big Bend area, Upper Trans Pecos, and Southeast New Mexico.**

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## TEXAS, West

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### CULBERSON COUNTY --- 5.0 S PINE SPGS [31.81, -104.80]

	06/02/13 19:59 CST		0	Thunderstorm Wind (MG 63 kt)
	06/02/13 20:00 CST		0	Source: ASOS

A thunderstorm moved over Culberson County and produced a 73 mph wind gust five miles south of Pine Springs. The wind was sustained at 61 mph.

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### CULBERSON COUNTY --- PINE SPGS [31.88, -104.80]

	06/02/13 20:02 CST		0	Thunderstorm Wind (MG 51 kt)
	06/02/13 20:03 CST		0	Source: Mesonet

A thunderstorm moved over Culberson County and produced a 59 mph wind gust at Pine Springs in the Guadalupe Mountains.

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>GAINES COUNTY --- 1.0 SW SEAGRAVES [32.92, -102.56]</b>				
	06/03/13 01:15 CST		0	Thunderstorm Wind (MG 52 kt)
	06/03/13 01:16 CST		0	Source: Mesonet
A thunderstorm moved over Gaines County and produced a 60 mph wind gust one mile southwest of Seagraves.				
<b>An upper level disturbance moved over the area and provided atmospheric lift. This lift combined with good low level moisture to produce thunderstorms across the Guadalupe Mountains and the northwest Permian Basin.</b>				
<b>REAGAN COUNTY --- 16.0 N STILES [31.63, -101.58]</b>				
	06/05/13 17:00 CST		0	Thunderstorm Wind (MG 59 kt)
	06/05/13 17:01 CST		0	Source: Mesonet
A thunderstorm moved over Reagan County and produced a 68 mph wind gust five miles southwest of St. Lawrence.				
<b>REAGAN COUNTY --- 26.0 NNE BIG LAKE [31.55, -101.30]</b>				
	06/05/13 17:30 CST		0	Thunderstorm Wind (EG 52 kt)
	06/05/13 17:31 CST		0	Source: COOP Observer
A thunderstorm moved over Reagan County and produced a 60 mph wind gust 26 miles north northeast of Big Lake.				
<b>MARTIN COUNTY --- TARZAN [32.30, -101.97]</b>				
	06/05/13 19:01 CST		0	Hail (1.75 in)
	06/05/13 19:06 CST		0	Source: Fire Department/Rescue
<b>HOWARD COUNTY --- 5.0 NE BIG SPRING [32.30, -101.41]</b>				
	06/05/13 19:05 CST		0	Hail (1.00 in)
	06/05/13 19:20 CST		0	Source: COOP Observer
<b>HOWARD COUNTY --- 7.0 E LOMAX [32.12, -101.51]</b>				
	06/05/13 19:25 CST		0	Hail (1.00 in)
	06/05/13 19:30 CST		0	Source: Public
<b>GLASSCOCK COUNTY --- LEES [32.08, -101.48]</b>				
	06/05/13 19:27 CST		0	Hail (1.00 in)
	06/05/13 19:32 CST		0	Source: Trained Spotter
<b>MARTIN COUNTY --- TARZAN [32.30, -101.97]</b>				
	06/05/13 19:30 CST		0	Hail (1.00 in)
	06/05/13 19:35 CST		0	Source: Post Office
<b>MITCHELL COUNTY --- WESTBROOK [32.35, -101.02]</b>				
	06/05/13 19:45 CST		0	Thunderstorm Wind (EG 61 kt)
	06/05/13 19:46 CST		0	Source: Public
A thunderstorm moved over Mitchell County and produced a 70 mph wind gust in Westbrook.				
<b>MITCHELL COUNTY --- WESTBROOK [32.35, -101.02]</b>				
	06/05/13 19:45 CST		0	Hail (2.00 in)
	06/05/13 19:50 CST		0	Source: Public
<b>MITCHELL COUNTY --- COLORADO CITY [32.40, -100.85]</b>				
	06/05/13 20:20 CST		0	Hail (1.00 in)
	06/05/13 20:25 CST		0	Source: Public
<b>SCURRY COUNTY --- HERMLEIGH [32.63, -100.75]</b>				
	06/05/13 20:27 CST		0	Hail (2.75 in)
	06/05/13 20:32 CST		0	Source: Social Media

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ANDREWS COUNTY --- FRANKEL CITY [32.38, -102.78]</b>				
	06/05/13 21:20 CST		0	Hail (1.50 in)
	06/05/13 21:25 CST		0	Source: Public
<b>GAINES COUNTY --- SEMINOLE [32.72, -102.65]</b>				
	06/05/13 21:35 CST		13K	Thunderstorm Wind (EG 56 kt)
	06/05/13 21:37 CST		0	Source: Fire Department/Rescue
A thunderstorm moved over Gaines County and produced wind damage in Seminole. A radio tower was blown down and bent over a fire department building. The tower landed on electrical wires as well as on a personal vehicle of one of the firefighters. It made a three inch hole in the cab of the truck and fried some of the electronics. Based on the damage, the wind gusts were estimated to be around 65 mph. The cost of damage is a rough estimate.				
<b>GAINES COUNTY --- SEMINOLE [32.72, -102.65]</b>				
	06/05/13 21:35 CST		48K	Thunderstorm Wind (EG 70 kt)
	06/05/13 21:38 CST		0	Source: Fire Department/Rescue
A thunderstorm moved over Gaines County and produced damage in Seminole. A trailer house was blown onto a car on the road. Winds from this damage are estimated to be near 80 mph. The cost of damage is a rough estimate.				
<b>GAINES COUNTY --- 1.0 SW SEAGRAVES [32.92, -102.56]</b>				
	06/05/13 21:38 CST		0	Thunderstorm Wind (MG 50 kt)
	06/05/13 21:39 CST		0	Source: Mesonet
A thunderstorm moved over Gaines County and produced a 58 mph wind gust one mile southwest of Seagraves.				
<b>GAINES COUNTY --- 2.0 NNE SEMINOLE [32.75, -102.64]</b>				
	06/05/13 21:45 CST		0	Thunderstorm Wind (MG 54 kt)
	06/05/13 21:45 CST		0	Source: Mesonet
A thunderstorm moved over Gaines County and produced a 62 mph wind gust two miles north northeast of Seminole.				
<b>HOWARD COUNTY --- 5.0 NE BIG SPRING [32.30, -101.41]</b>				
	06/05/13 22:00 CST		8K	Thunderstorm Wind (EG 61 kt)
	06/05/13 22:10 CST		0	Source: COOP Observer
A thunderstorm moved over Howard County and produced wind damage five miles northeast of Big Spring. The north side of a barn was destroyed. Based on the damage, the wind gusts were estimated to be around 70 mph. The cost of damage is a rough estimate.				
<b>ANDREWS COUNTY --- 2.0 E ANDREWS [32.32, -102.52]</b>				
	06/05/13 22:05 CST		0	Thunderstorm Wind (MG 53 kt)
	06/05/13 22:06 CST		0	Source: Mesonet
A thunderstorm moved over Andrews County and produced a 61 mph wind gust two miles east of Andrews.				
<b>ECTOR COUNTY --- GARDENDALE [32.00, -102.42]</b>				
	06/05/13 22:30 CST		1.50K	Thunderstorm Wind (EG 52 kt)
	06/05/13 22:45 CST		0	Source: Public
A thunderstorm moved over Ector County and produced wind damage in Gardendale. A storage shed was destroyed by the winds. The cost of damage is a rough estimate.				
<b>BORDEN COUNTY --- 17.0 NE GAIL [32.94, -101.22]</b>				
	06/05/13 22:40 CST		0	Thunderstorm Wind (MG 61 kt)
	06/05/13 22:41 CST		0	Source: Mesonet
A thunderstorm moved over Borden County and produced a 70 mph wind gust three miles west northwest of Fluvanna.				
<b>MIDLAND COUNTY --- (MAF) MIDLAND INTL [31.93, -102.20]</b>				
	06/05/13 22:40 CST		0	Thunderstorm Wind (EG 50 kt)
	06/05/13 22:41 CST		0	Source: Unknown
A thunderstorm moved over Midland County and produced a 58 mph gust at Midland International Airport.				

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<b>MIDLAND COUNTY --- (MAF) MIDLAND INTL [31.93, -102.20]</b>				
	06/05/13 22:43 CST		0	Thunderstorm Wind (MG 54 kt)
	06/05/13 22:44 CST		0	Source: ASOS
A thunderstorm moved over Midland County and produced a 62 mph wind gust at the Midland International Airport.				
<b>MIDLAND COUNTY --- (MAF) MIDLAND INTL [31.93, -102.20]</b>				
	06/05/13 22:43 CST		1.50M	Thunderstorm Wind (EG 54 kt)
	06/05/13 22:46 CST		0	Source: Other Federal Agency
A thunderstorm moved over Midland County and produced wind damage at Midland International Airport. The winds damaged three new airport hangars by blowing off metal roof panels and unhinging hangar doors. The cost of damage is a very rough estimate.				
<b>SCURRY COUNTY --- 5.0 NW SNYDER [32.77, -100.96]</b>				
	06/05/13 23:00 CST		0	Thunderstorm Wind (EG 52 kt)
	06/05/13 23:01 CST		0	Source: Emergency Manager
A thunderstorm moved over Scurry County and produced a 60 mph wind gust five miles northwest of Snyder.				
<b>SCURRY COUNTY --- 3.0 E SNYDER [32.72, -100.85]</b>				
	06/05/13 23:05 CST		0	Thunderstorm Wind (MG 50 kt)
	06/05/13 23:06 CST		0	Source: Mesonet
A thunderstorm moved over Scurry County and produced a 58 mph wind gust three miles east of Snyder.				
<b>SCURRY COUNTY --- 3.0 E SNYDER [32.72, -100.85]</b>				
	06/05/13 23:10 CST		0	Thunderstorm Wind (MG 63 kt)
	06/05/13 23:11 CST		0	Source: Mesonet
A thunderstorm moved over Scurry County and produced a 72 mph wind gust three miles east of Snyder.				
<p><b>A surface trough was in place across West Texas and Southeast New Mexico which created instability. An outflow boundary was across the northern Permian Basin in advance of a cold front that was moving southward across West Texas as an upper level disturbance moved over the area. These features helped to create good lift over the area. A dryline was across the Permian Basin and Lower Trans Pecos with good moisture present. Thunderstorms developed along the dryline, outflow boundary, and cold front and produced severe wind gusts and large hail.</b></p>				
<b>PRESIDIO COUNTY --- 7.0 WSW MARFA [30.28, -104.13]</b>				
	06/07/13 17:15 CST		0	Hail (1.75 in)
	06/07/13 17:20 CST		0	Source: Amateur Radio
A thunderstorm moved over Presidio County and produced nickel to golfball sized hail on FM 2810 seven miles west southwest of Marfa.				
<b>PRESIDIO COUNTY --- 8.0 WSW MARFA [30.28, -104.14]</b>				
	06/07/13 17:15 CST		0	Hail (1.50 in)
	06/07/13 17:20 CST		0	Source: Trained Spotter
A thunderstorm moved over Presidio County and produced pingpong ball sized hail on Pinto Canyon Road eight miles west southwest of Marfa.				
<p><b>An upper level disturbance moved over the area with good moisture present. Heating of the higher terrain helped to create instability. This combination of lift, moisture, and instability allowed thunderstorms to develop across the Davis Mountains.</b></p>				
<b>BREWSTER COUNTY --- 7.6 SE ALPINE [30.28, -103.59], 8.0 SE ALPINE [30.28, -103.59], 8.1 SE ALPINE [30.28, -103.58], 7.8 SE ALPINE [30.28, -103.59]</b>				
	06/13/13 16:00 CST		0	Flash Flood (due to Heavy Rain)
	06/13/13 16:30 CST		0	Source: Trained Spotter
Heavy rain moved across Brewster County and produced flash flooding about eight miles southeast of Alpine. Low water crossings were reported to be flooded. The cost of damage is assumed to be zero since no damage was reported.				
<b>BREWSTER COUNTY --- 8.0 SE ALPINE [30.29, -103.58]</b>				
	06/13/13 16:00 CST		0	Heavy Rain
	06/13/13 18:00 CST		0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Heavy rain moved across Brewster County. Almost two inches of rain was reported to have fallen within two hours about eight miles southeast of Alpine.

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**MIDLAND COUNTY --- 2.4 W MIDLAND [32.00, -102.12], 2.4 W MIDLAND [32.00, -102.12], 2.3 W MIDLAND [32.00, -102.12], 2.3 W MIDLAND [32.00, -102.12]**

	06/13/13 20:14 CST		0	Flash Flood (due to Heavy Rain)
	06/13/13 20:44 CST		0	Source: Trained Spotter

Heavy rain moved across Midland County and produced flash flooding in Midland. Flash flooding was reported at Austin and Bedford Streets in Midland. The cost of damage is assumed to be zero since no damage was reported.

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**MIDLAND COUNTY --- 3.7 WNW MIDLAND [32.02, -102.14], 3.7 WNW MIDLAND [32.02, -102.14], 3.0 WNW MIDLAND [32.02, -102.13], 3.0 WNW MIDLAND [32.02, -102.13]**

	06/13/13 20:24 CST		5K	Flash Flood (due to Heavy Rain)
	06/13/13 20:54 CST		0	Source: Trained Spotter

Heavy rain moved across Midland County and produced flash flooding in Midland. Vehicles were reported to be stranded along Wadley Avenue between Midland Drive and Midkiff. The cost of damage is a rough estimate.

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**MIDLAND COUNTY --- 3.0 WNW MIDLAND [32.02, -102.12], 2.9 WNW MIDLAND [32.02, -102.12], 2.6 WNW MIDLAND [32.02, -102.12], 2.7 NW MIDLAND [32.02, -102.12]**

	06/13/13 20:25 CST		0	Flash Flood (due to Heavy Rain)
	06/13/13 20:55 CST		0	Source: Trained Spotter

Heavy rain moved across Midland County and produced flash flooding in Midland. Twelve inches of water was reported on Wadley Avenue between Ward and North Midkiff. The cost of damage is assumed to be zero since there was no damage reported.

**An upper level low was over the Big Bend area. Abundant moisture was present across West Texas. These factors, along with weak upper level flow, contributed to flash flooding across parts of the Permian Basin and the Davis Mountains.**

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**PECOS COUNTY --- 29.0 S FT STOCKTON [30.46, -102.87]**

	06/17/13 12:35 CST		0	Thunderstorm Wind (EG 61 kt)
	06/17/13 12:36 CST		0	Source: Law Enforcement

A thunderstorm moved across Pecos County and produced a 70 mph wind gust 29 miles south of Fort Stockton.

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**BREWSTER COUNTY --- 7.0 SW PANTHER JUNCTION [29.23, -103.38]**

	06/17/13 15:52 CST		0	Hail (0.88 in)
	06/17/13 15:57 CST		0	Source: Park/Forest Service

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**LOVING COUNTY --- 7.0 N MENTONE [31.80, -103.60]**

	06/17/13 17:25 CST		0	Hail (1.75 in)
	06/17/13 17:30 CST		0	Source: Public

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**REEVES COUNTY --- 5.0 S PECOS [31.35, -103.48]**

	06/17/13 18:00 CST		0	Thunderstorm Wind (EG 70 kt)
	06/17/13 18:01 CST		0	Source: Trained Spotter

A thunderstorm moved across Reeves County and produced an estimated 80 mph wind gust five miles south of Pecos. No damage was reported.

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**REEVES COUNTY --- 5.0 S PECOS [31.35, -103.48]**

	06/17/13 18:00 CST		0	Heavy Rain
	06/17/13 19:00 CST		0	Source: Trained Spotter

Heavy rain moved across Reeves County and produced one inch to one and a quarter inch of rain in one hour.

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**WINKLER COUNTY --- (INK)WINKLER CO ARPT [31.78, -103.20]**

	06/17/13 19:12 CST		0	Thunderstorm Wind (MG 54 kt)
	06/17/13 19:13 CST		0	Source: ASOS

A cluster of thunderstorms moved across Winkler County and produced a 54 knot gust at the Wink Airport. No damage was reported.

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**ANDREWS COUNTY --- ANDREWS [32.32, -102.55]**



## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/17/13 19:35 CST		10K	Thunderstorm Wind (EG 39 kt)
	06/17/13 19:37 CST		0	Source: Public

A thunderstorm moved across Andrews County and produced an estimated 45 mph wind gust. This wind had blown off the roof of a structure. The cost of damage is a rough estimate.

### HOWARD COUNTY --- BIG SPRING [32.25, -101.47]

	06/17/13 21:00 CST		0	Thunderstorm Wind (EG 56 kt)
	06/17/13 21:01 CST		0	Source: Public

A cluster of thunderstorms moved across Howard County and produced an estimated 65 mph wind gust in Big Spring. There was no damage reported with this wind.

### BORDEN COUNTY --- 10.0 S GAIL [32.63, -101.43], 5.2 SSW GAIL [32.70, -101.45], 6.3 SSW GAIL [32.69, -101.48], 10.0 SSW GAIL [32.63, -101.47]

	06/17/13 21:20 CST		0	Flash Flood (due to Heavy Rain)
	06/17/13 21:50 CST		0	Source: Law Enforcement

Heavy rain moved across Borden County and produced flash flooding around ten miles south of Gail. There was no damage reported so the cost of damage is assumed to be zero.

**An upper ridge was over northern Mexico, and abundant moisture was over the area from southeast low level winds. A surface boundary was present across the Permian Basin with upper level disturbances passing nearby which provided lift. This lift and moisture combined with good instability to produce hail, strong winds, and flash flooding across New Mexico and West Texas.**

### REEVES COUNTY --- PECOS [31.42, -103.48]

	06/19/13 18:45 CST		10K	Thunderstorm Wind (EG 70 kt)
	06/19/13 18:46 CST		0	Source: Public

A thunderstorm moved over Reeves County and produced strong winds in Pecos. A roof was blown off of an appliance store, and the gusts were estimated to be near 80 mph. The cost of damage is a rough estimate.

### DAWSON COUNTY --- 5.0 W LAMESA [32.73, -102.04]

	06/19/13 18:49 CST		0	Hail (1.00 in)
	06/19/13 18:54 CST		0	Source: Public

### DAWSON COUNTY --- 9.0 N LAMESA [32.86, -101.95]

	06/19/13 18:49 CST		0	Hail (1.75 in)
	06/19/13 18:54 CST		0	Source: Public

**An upper ridge was over the region with good low level moisture in place. An outflow boundary was present across the Permian Basin and Southeast New Mexico. This boundary became a focus for thunderstorm development during the afternoon and evening hours.**

### CULBERSON COUNTY --- 5.0 S PINE SPGS [31.81, -104.80]

	06/20/13 18:13 CST		0	Thunderstorm Wind (MG 54 kt)
	06/20/13 18:14 CST		0	Source: ASOS

A thunderstorm moved across Culberson County and produced a 62 mph wind gust eleven miles south southwest of McKittrick Canyon.

**An upper ridge was over the region with upper level disturbances that moved over the area providing lift. There was good low-level moisture and instability. These conditions resulted in strong winds across West Texas.**

### BREWSTER COUNTY --- 0.3 WNW ALPINE [30.37, -103.67], 0.4 SSW ALPINE [30.36, -103.67], 0.5 ESE ALPINE [30.37, -103.66], 0.5 NE ALPINE [30.38, -103.66]

	06/21/13 17:30 CST		0	Flash Flood (due to Heavy Rain)
	06/21/13 17:45 CST		0	Source: Public

Heavy rain moved across Brewster County and produced flash flooding in Alpine. Six to ten inches of water was running over the streets in downtown Alpine. Since there was no damage reported, the cost of damage is assumed to be zero.

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

	06/21/13 17:35 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/21/13 17:40 CST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A thunderstorm moved across Brewster County and produced an estimated 65 mph wind gust in Alpine. A tree fell on a vehicle. The size of the tree and damage to the vehicle are unknown. The cost of damage is a rough estimate.

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

	06/21/13 17:35 CST		0.20K	Hail (1.50 in)
	06/21/13 17:45 CST		0	Source: Public

A thunderstorm moved across Brewster County and produced pingpong ball sized hail in Alpine. Trees were stripped of leaves, and flower gardens were destroyed. The cost of damage is a rough estimate.

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

	06/21/13 17:37 CST		0	Hail (1.00 in)
	06/21/13 17:42 CST		0	Source: Trained Spotter

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

	06/21/13 17:45 CST		0	Hail (1.50 in)
	06/21/13 17:50 CST		0	Source: Trained Spotter

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**WINKLER COUNTY --- WINK [31.75, -103.15]**

	06/21/13 18:00 CST		0	Hail (1.00 in)
	06/21/13 18:05 CST		0	Source: Trained Spotter

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

	06/21/13 18:05 CST		0	Hail (1.00 in)
	06/21/13 18:10 CST		0	Source: Trained Spotter

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**WINKLER COUNTY --- WINK [31.75, -103.15]**

	06/21/13 18:06 CST		0	Hail (1.75 in)
	06/21/13 18:11 CST		0	Source: Law Enforcement

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**PRESIDIO COUNTY --- MARFA [30.32, -104.02]**

	06/21/13 18:35 CST		0.30K	Thunderstorm Wind (EG 52 kt)
	06/21/13 18:37 CST		0	Source: Public

A thunderstorm moved across Presidio County and produced 50 to 60 mph wind gusts in Marfa. Four inch diameter tree limbs were knocked down as a result of these winds. The cost of damage is a rough estimate.

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**PRESIDIO COUNTY --- 9.2 WNW PRESIDIO BIG BEND AR [29.40, -103.96]**

	06/21/13 21:05 CST		0	Hail (0.88 in)
	06/21/13 21:10 CST		0	Source: Public

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**PRESIDIO COUNTY --- 9.5 NW PRESIDIO BIG BEND AR [29.41, -103.96]**

	06/21/13 21:20 CST		5K	Hail (2.75 in)
	06/21/13 21:30 CST		0	Source: Public

A thunderstorm moved across Presidio County and produced tennis ball to baseball sized hail at Big Bend Ranch State Park. The hail broke a sideview mirror on a vehicle and broke a skylight on a camper. The cost of damage is a very rough estimate.

**An upper level ridge had become flattened over the region as a result of an upper level disturbance that was over the Texas panhandle. A surface trough, which provided lift, was across Southeast New Mexico and far West Texas. There was plentiful low-level moisture and instability across the area. These ingredients allowed severe thunderstorms to develop across the Davis Mountains, Big Bend area, Upper Trans Pecos, and Southeast New Mexico.**

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**PRESIDIO COUNTY --- MARFA [30.32, -104.02]**

	06/22/13 17:10 CST		0	Hail (0.75 in)
	06/22/13 17:15 CST		0	Source: Public

An elongated upper level ridge was over the area with plentiful moisture present. A lee trough along with upslope winds provided lift needed for thunderstorms to develop across the Davis Mountains.

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**ECTOR COUNTY --- 7.0 SW ODESSA [31.78, -102.45]**

## Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/25/13 18:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/25/13 18:16 CST		0	Source: Public

A thunderstorm moved over Ector County and produced a 60 mph wind gust seven miles southwest of Odessa.

### MIDLAND COUNTY --- 2.0 WSW WARFIELD [31.91, -102.26]

06/25/13 18:47 CST	0	Hail (1.00 in)
06/25/13 18:52 CST	0	Source: NWS Employee

### MARTIN COUNTY --- LENORAH [32.30, -101.87]

06/25/13 19:30 CST	5K	Thunderstorm Wind (EG 61 kt)
06/25/13 19:33 CST	0	Source: Public

A thunderstorm moved over Martin County and produced wind damage in Lenorah. Part of a roof was blown off of a house. The cost of damage is a rough estimate.

### MARTIN COUNTY --- 10.0 NE TARZAN [32.40, -101.85]

06/25/13 19:52 CST	0	Hail (1.00 in)
06/25/13 19:57 CST	0	Source: Public

### MARTIN COUNTY --- 10.0 NE TARZAN [32.40, -101.85]

06/25/13 20:00 CST	45K	Thunderstorm Wind (EG 56 kt)
06/25/13 20:05 CST	0	Source: Public

A thunderstorm moved over Martin County and produced strong winds ten miles northeast of Tarzan on a farm. Two old wooden barns were destroyed, and a 20 by 20 foot portable metal building was overturned. There was an estimate of about ten power poles down, and large tree limbs were broke. The cost of damage is a rough estimate.

### MARTIN COUNTY --- 8.0 NE TARZAN [32.38, -101.87], 5.6 NNW LENORAH [32.38, -101.90], 4.0 NNW LENORAH [32.35, -101.89], 4.3 N LENORAH [32.36, -101.87]

06/25/13 20:00 CST	0	Flash Flood (due to Heavy Rain)
06/25/13 20:30 CST	0	Source: Public

Heavy rain moved over Martin County and produced flash flooding eight miles northeast of Tarzan. Two feet of water was reported over a low water crossing. The cost of damage is assumed to be zero since no damage was reported.

**An upper ridge was over the area with moist and unstable conditions present. This contributed to strong winds, large hail, and heavy rain over parts of the Permian Basin.**

### GAINES COUNTY --- SEMINOLE [32.72, -102.65]

06/29/13 19:55 CST	0	Thunderstorm Wind (MG 55 kt)
06/29/13 19:56 CST	0	Source: Mesonet

A thunderstorm moved over Gaines County and produced a 63 mph wind gust at Seminole.

### MIDLAND COUNTY --- 2.4 W MIDLAND [32.01, -102.12]

06/29/13 21:30 CST	0	Hail (1.00 in)
06/29/13 21:35 CST	0	Source: Public

**An upper level ridge was over the region. An outflow boundary was present across the Permian Basin. This boundary helped to create lift which resulted in thunderstorms that produced hail across the Permian Basin.**