

Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEW MEXICO, Southeast				
(NM-Z028) EDDY COUNTY PLAINS				
	05/01/13 21:00 MST		0	High Wind (MAX 52 kt)
	05/01/13 23:00 MST		0	
Strong northeast winds occurred behind a cold front over portions of the southeast New Mexico Plains.				
EDDY COUNTY --- LAKEWOOD [32.63, -104.37]				
	05/23/13 13:40 MST		0	Hail (1.75 in)
	05/23/13 13:45 MST		0	Source: Trained Spotter
A thunderstorm moved over Eddy County and produced golfball sized hail in Lakewood.				
EDDY COUNTY --- 2.0 N LAKEWOOD [32.66, -104.37]				
	05/23/13 13:43 MST		0	Hail (0.75 in)
	05/23/13 13:48 MST		0	Source: Trained Spotter
A thunderstorm moved over Eddy County and produced penny sized hail two miles north of Lakewood.				
EDDY COUNTY --- CARLSBAD [32.42, -104.23]				
	05/23/13 17:17 MST		6K	Thunderstorm Wind (EG 70 kt)
	05/23/13 17:18 MST		0	Source: Newspaper
A thunderstorm moved over Eddy County and produced an 80 mph wind gust which peeled back the roof of the VFW in Carlsbad. The cost of damage is a rough estimate.				
A dryline was located across the Permian Basin and the Trans Pecos, and a cold front was in the Texas panhandle. Good lower level moisture was present to the east of the dryline, and there was plentiful upper level moisture available. The atmosphere was very unstable. Mid-level lift was present with an upper level disturbance that moved over the area. This combination of moisture, lift, and instability helped to create several severe thunderstorms that produced large hail and damaging winds across Southeast New Mexico.				
EDDY COUNTY --- 5.0 S CARLSBAD [32.35, -104.23]				
	05/25/13 16:11 MST		0	Thunderstorm Wind (EG 52 kt)
	05/25/13 16:12 MST		0	Source: Trained Spotter
A thunderstorm moved over Eddy County and produced a 60 mph wind gust five miles south of Carlsbad on US Highway 285.				
LEA COUNTY --- 1.0 E CAPROCK [33.38, -103.70]				
	05/25/13 16:30 MST		0	Hail (0.75 in)
	05/25/13 16:35 MST		0	Source: Public
LEA COUNTY --- 0.6 SSE LOVINGTON [32.92, -103.35], 1.9 NW HOBBS [32.72, -103.15]				
	05/25/13 17:45 MST		0.50M	Thunderstorm Wind (EG 52 kt)
	05/25/13 18:15 MST		0	Source: Public
A thunderstorm moved over Lea County and power lines were knocked down from Lovington to Hobbs along State Highway 18. Wind gusts were estimated to be 60 mph. The cost of damage is a very rough estimate.				
LEA COUNTY --- HOBBS [32.70, -103.13]				
	05/25/13 17:45 MST		2K	Lightning
	05/25/13 17:46 MST		0	Source: Public
A thunderstorm moved over Lea County and lightning struck a tank battery causing fires west and southwest of Hobbs. The cost of damage is a very rough estimate.				
LEA COUNTY --- LOVINGTON [32.93, -103.35]				
	05/25/13 18:05 MST		0	Thunderstorm Wind (EG 52 kt)
	05/25/13 18:06 MST		0	Source: Public
A thunderstorm moved over Lea County and produced a 60 mph wind gust in Lovington.				

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LEA COUNTY --- 4.0 SW HOBBS [32.66, -103.18]				
	05/25/13 18:15 MST		0	Thunderstorm Wind (MG 50 kt)
	05/25/13 18:16 MST		0	Source: ASOS

A thunderstorm moved over Lea County and produced a 58 mph wind gust four miles southwest of Hobbs.

LEA COUNTY --- HOBBS [32.70, -103.13]				
	05/25/13 18:15 MST		0.30M	Thunderstorm Wind (EG 52 kt)
	05/25/13 18:45 MST		0	Source: Public

A thunderstorm moved over Lea County and knocked down power lines west and south of Hobbs as well as in Hobbs. Fires started due to the downed power lines. A transformer exploded and others burned on power poles in Hobbs. The cost of damage is a very rough estimate.

An upper level disturbance had moved over the area, and moisture was present. This led to the development of thunderstorms across Southeast New Mexico which resulted in severe wind gusts.

TEXAS, West

(TX-Z258) GUADALUPE MOUNTAINS OF CULBERSON COUNTY				
	05/01/13 23:51 MST		0	High Wind (MAX 54 kt)
	05/02/13 12:51 MST		0	

Strong northeast winds occurred in the Guadalupe Mountains behind a cold front.

BORDEN COUNTY --- GAIL [32.77, -101.43]				
	05/07/13 19:00 CST		0	Hail (1.00 in)
	05/07/13 19:05 CST		0	Source: Law Enforcement

A thunderstorm moved over Borden County and produced quarter sized hail in Gail.

SCURRY COUNTY --- UNION [32.73, -101.00]				
	05/07/13 20:30 CST		0	Hail (1.00 in)
	05/07/13 20:35 CST		0	Source: Fire Department/Rescue

A thunderstorm moved over Scurry County and produced quarter sized hail in Union. The hail was covering the roadway at FM 1609 and W 37th.

A weak upper level ridge was over the area with a surface trough that extended across Southeast New Mexico into the Big Bend. Weak convergence along a dryline was present across the Permian Basin and Lower Trans Pecos. Only modest moisture and instability was available, but enough upper level lift was present to contribute to storms that developed across the eastern Permian Basin.

TERRELL COUNTY --- 2.0 W SANDERSON [30.15, -102.43]				
	05/10/13 11:12 CST		0	Hail (0.88 in)
	05/10/13 11:17 CST		0	Source: Law Enforcement

A thunderstorm moved over Terrell County and produced dime to nickel sized hail along US 90 near Sanderson.

An upper low was located over Arizona with associated upper level disturbances passing over West Texas. A cold front was present across the Trans Pecos. These features combined to produce needed lift for thunderstorm development mainly across the Lower Trans Pecos.

SCURRY COUNTY --- 2.0 SW SNYDER [32.70, -100.92]				
	05/15/13 15:35 CST		0	Thunderstorm Wind (MG 55 kt)
	05/15/13 15:36 CST		0	Source: ASOS

A thunderstorm moved over Scurry County and produced a 63 mph wind gust two miles southwest of Snyder.

SCURRY COUNTY --- 3.0 E SNYDER [32.72, -100.85]				
	05/15/13 16:00 CST		0	Thunderstorm Wind (MG 50 kt)
	05/15/13 16:01 CST		0	Source: Mesonet

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A thunderstorm moved over Scurry County and produced a 58 mph wind gust three miles east of Snyder.

An upper low was positioned to the north of the region with a weak portion of upper level lift over the area. A dryline was located across the eastern Permian Basin. This dryline helped to create a focus for thunderstorm development during the late afternoon hours.

PRESIDIO COUNTY --- 28.0 N CANDELARIA [30.54, -104.68]

05/23/13 16:48 CST		0		Hail (0.75 in)
05/23/13 16:53 CST		0		Source: Public

A thunderstorm moved over Presidio County and produced penny sized hail nine miles west southwest of Valentine.

BREWSTER COUNTY --- 23.0 ESE CASTOLON [29.00, -103.17]

05/23/13 16:50 CST		0		Thunderstorm Wind (MG 55 kt)
05/23/13 16:51 CST		0		Source: Official NWS Observations

A thunderstorm moved over Brewster County and produced a 63 mph wind gust about one mile southeast of Rio Grande Village as indicated by the Big Bend Portable.

BORDEN COUNTY --- 17.0 NE GAIL [32.94, -101.22]

05/23/13 17:00 CST		0		Thunderstorm Wind (MG 54 kt)
05/23/13 17:01 CST		0		Source: Mesonet

A thunderstorm moved over Borden County and produced a 62 mph wind gust three miles west northwest of Fluvanna.

BREWSTER COUNTY --- 0.4 NNE ALPINE [30.38, -103.67]

05/23/13 17:00 CST		0		Heavy Rain
05/23/13 17:20 CST		0		Source: Amateur Radio

A thunderstorm moved over Brewster County and produced heavy rain in Alpine.

BREWSTER COUNTY --- 3.0 WSW ALPINE [30.35, -103.72]

05/23/13 17:00 CST		0		Hail (0.88 in)
05/23/13 17:05 CST		0		Source: Public

A thunderstorm moved over Brewster County and produced nickel sized hail three miles west southwest of Alpine.

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

05/23/13 17:00 CST		0		Hail (0.75 in)
05/23/13 17:05 CST		0		Source: Amateur Radio

A thunderstorm moved over Brewster County and produced penny sized hail in Alpine.

BREWSTER COUNTY --- 16.0 S MARATHON [29.97, -103.25]

05/23/13 17:10 CST		0		Hail (1.75 in)
05/23/13 17:15 CST		0		Source: Public

A thunderstorm moved over Brewster County and produced golfball sized hail sixteen miles south of Marathon.

GAINES COUNTY --- 3.0 S SEMINOLE [32.68, -102.65]

05/23/13 17:15 CST		0		Thunderstorm Wind (MG 52 kt)
05/23/13 17:16 CST		0		Source: ASOS

A thunderstorm moved over Gaines County and produced a 60 mph wind gust three miles south of Seminole.

SCURRY COUNTY --- 3.0 NW SNYDER [32.75, -100.94]

05/23/13 17:22 CST		0		Thunderstorm Wind (EG 52 kt)
05/23/13 17:23 CST		0		Source: Fire Department/Rescue

A thunderstorm moved over Scurry County and produced a 60 mph wind gust three miles northwest of Snyder.

SCURRY COUNTY --- 3.0 E SNYDER [32.72, -100.85]

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	05/23/13 17:25 CST		0	Thunderstorm Wind (MG 63 kt)
	05/23/13 17:26 CST		0	Source: Mesonet
A thunderstorm moved over Scurry County and produced a 73 mph wind gust three miles east of Snyder.				
SCURRY COUNTY --- 5.0 ESE SNYDER [32.69, -100.82]				
	05/23/13 17:29 CST		1.50K	Thunderstorm Wind (EG 70 kt)
	05/23/13 17:31 CST		0	Source: Public
A thunderstorm moved over Scurry County and produced a 70 to 80 mph wind gust five miles east southeast of Snyder. A metal awning for an RV was blown over a stable across a cattle pen along US 180. The cost of damage is a rough estimate.				
SCURRY COUNTY --- 2.0 SW SNYDER [32.70, -100.92]				
	05/23/13 17:35 CST		0	Thunderstorm Wind (MG 52 kt)
	05/23/13 17:36 CST		0	Source: ASOS
A thunderstorm moved over Scurry County and produced a wind gust of 52 knots at the Snyder ASOS.				
MITCHELL COUNTY --- 2.0 NNW BUFORD [32.50, -100.86], BUFORD [32.47, -100.85]				
	05/23/13 18:00 CST		80K	Thunderstorm Wind (EG 78 kt)
	05/23/13 18:08 CST		0	Source: Public
A thunderstorm moved over Mitchell County and produced strong winds near Buford. The strongest winds were estimated to be 80 to 90 mph. The most intense winds from this event occurred along State Highway 208 from Buford to two miles north northwest of Buford. Three homes sustained damage with loss of roofing materials also reported. A trailer from one of the homes was blown into a neighboring field. Tree branches up to five inches in diameter were broken off trees weakened by the ongoing drought. Eighteen power poles were knocked down or found leaning across State Highway 208 from the damaged homes. The cost of damage is a rough estimate.				
SCURRY COUNTY --- 1.0 N WINSTON [32.71, -100.92], 0.8 WSW SNYDER [32.71, -100.91], 0.7 NE WINSTON [32.71, -100.91], 0.5 NNW WINSTON [32.71, -100.92]				
	05/23/13 18:00 CST		3K	Flash Flood (due to Heavy Rain)
	05/23/13 18:20 CST		0	Source: Fire Department/Rescue
Thunderstorms moved over Scurry County and produced flash flooding in Snyder. Two high water rescues were performed by the Scurry County Fire Department. The cost of damage is a rough estimate.				
SCURRY COUNTY --- HERMLEIGH [32.63, -100.75]				
	05/23/13 18:00 CST		2K	Thunderstorm Wind (EG 61 kt)
	05/23/13 18:12 CST		0	Source: Public
A thunderstorm moved over Scurry County and produced a 60 to 70 mph wind gust in Hermleigh. Multiple tree branches were broken off trees around the city of Hermleigh, and one home had damage from wind-driven hail. The cost of damage is a rough estimate.				
BORDEN COUNTY --- 1.3 W GAIL [32.77, -101.45], 0.9 W GAIL [32.77, -101.45], 0.9 W GAIL [32.77, -101.45], 1.2 W GAIL [32.77, -101.45]				
	05/23/13 18:05 CST		1K	Flash Flood (due to Heavy Rain)
	05/23/13 18:20 CST		0	Source: Law Enforcement
Thunderstorms moved over Borden County and produced flash flooding in Gail. Creeks were reported to be flooding into local roads. The cost of damage is a rough estimate.				
SCURRY COUNTY --- HERMLEIGH [32.63, -100.75]				
	05/23/13 18:10 CST		0	Hail (1.00 in)
	05/23/13 18:15 CST		0	Source: Emergency Manager
A thunderstorm moved over Scurry County and produced quarter sized hail in Hermleigh.				
MITCHELL COUNTY --- 7.0 N LORAINE [32.52, -100.72]				
	05/23/13 18:15 CST		0	Hail (1.00 in)
	05/23/13 19:00 CST		0	Source: Public
A thunderstorm moved over Mitchell County and produced quarter sized hail seven miles north of Loraine.				
BORDEN COUNTY --- 1.1 W GAIL [32.77, -101.45], 0.9 W GAIL [32.77, -101.45], 0.9 W GAIL [32.77, -101.45], 1.1 W GAIL [32.77, -101.45]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/13 18:16 CST		1K	Flash Flood (due to Heavy Rain)
	05/23/13 18:36 CST		0	Source: Law Enforcement

Thunderstorms moved over Borden County and produced flash flooding in Gail. Nearby creeks were flooding into local roads. The cost of damage is a rough estimate.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SCURRY COUNTY --- 1.1 SE WINSTON [32.69, -100.91], 1.0 SE SNYDER WINSTON ARPT [32.69, -100.94], 2.0 SSE SNYDER WINSTON ARPT [32.67, -100.94], 1.9 S WINSTON [32.67, -100.92]	05/23/13 18:30 CST		0.50K	Flash Flood (due to Heavy Rain)
	05/23/13 18:50 CST		0	Source: Fire Department/Rescue

Thunderstorms moved over Scurry County and produced flash flooding two miles south of Snyder on Highway 350. The cost of damage is a rough estimate.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY --- 8.0 SW BIG SPRING [32.17, -101.57]	05/23/13 19:10 CST		0	Funnel Cloud
	05/23/13 19:15 CST		0	Source: Fire Department/Rescue

A thunderstorm moved over Howard County and produced a funnel cloud eight miles southwest of Big Spring.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY --- KNOTT [32.40, -101.65]	05/23/13 19:12 CST		0	Hail (0.88 in)
	05/23/13 19:17 CST		0	Source: Fire Department/Rescue

A thunderstorm moved over Howard County and produced nickel sized hail in Knott.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY --- 5.0 E BIG SPRING [32.25, -101.38]	05/23/13 19:30 CST		0.50K	Thunderstorm Wind (EG 61 kt)
	05/23/13 19:31 CST		0	Source: Fire Department/Rescue

A thunderstorm moved over Howard County and produced a 70 mph wind gust which uprooted a tree five miles east of Big Spring. The cost of damage is a very rough estimate.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY --- 5.0 NE BIG SPRING [32.30, -101.41]	05/23/13 19:30 CST		8K	Thunderstorm Wind (EG 61 kt)
	05/23/13 19:31 CST		0	Source: Fire Department/Rescue

A thunderstorm moved over Howard County and produced a 70 mph wind gust five miles northeast of Big Spring. Large power poles were snapped as a result of this wind. The cost of damage is a rough estimate.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY --- 2.1 N SOUTH HAVEN [32.21, -101.49], 2.5 NNE SOUTH HAVEN [32.21, -101.46], 0.5 WNW BIG SPRING [32.25, -101.48], 1.3 W BIG SPRING [32.25, -101.49]	05/23/13 19:50 CST		2K	Flash Flood (due to Heavy Rain)
	05/23/13 20:15 CST		0	Source: Law Enforcement

Thunderstorms moved over Howard County and produced flash flooding in Big Spring. The 1300 block of Sixth Street, portions of Third Street, and the intersection of Alamesa and Parkway were all flooded. A taxi cab was reported to be pushed off the road in Big Spring. The cost of damage is a rough estimate.

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOWARD COUNTY --- 1.1 ESE BIG SPRING [32.24, -101.45]	05/23/13 20:35 CST		0	Heavy Rain
	05/23/13 20:55 CST		0	Source: Public

A thunderstorm moved over Howard County and produced heavy rain over southeast Big Spring.

A dryline was located across the Permian Basin and the Trans Pecos, and a cold front was in the Texas panhandle. Good lower level moisture was present to the east of the dryline, and there was plentiful upper level moisture available. The atmosphere was very unstable. Mid-level lift was present with an upper level disturbance that moved over the area. This combination of moisture, lift, and instability helped to create several severe thunderstorms that produced large hail, damaging winds, and flash flooding across West Texas.

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A thunderstorm moved across Mitchell County with strong winds near Buford. The trailer pictured above was blown into a neighboring field from a house that was damaged. This picture was taken by Melissa Huffman.

MIDLAND COUNTY --- MIDLAND [32.00, -102.08]

05/25/13 22:02 CST	0	Heavy Rain
05/25/13 22:22 CST	0	Source: Public

A thunderstorm moved over Midland County and produced heavy rain. The intersection of Andrews Highway and Midkiff had standing water from curb to curb. There was ponding of water at an apartment complex parking lot one block south of Andrews Highway.

ECTOR COUNTY --- 1.7 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], 1.7 ENE GREENFIELD ACRES [31.88, -102.38]

05/25/13 22:50 CST	0	Flash Flood (due to Heavy Rain)
05/25/13 23:20 CST	0	Source: Fire Department/Rescue

A thunderstorm moved over Ector County and produced flash flooding. Six inches of flowing water was reported at Dixie and 42nd Street as well as Dixie and 44th Street in Odessa. The cost of damage is unknown and is assumed to be zero since no reports were received.

An upper level disturbance had moved over the area, and plentiful moisture was present across the Permian Basin. This led to the development of thunderstorms across the Permian Basin which resulted in flash flooding.

PECOS COUNTY --- 14.0 SSW IMPERIAL [31.08, -102.77]

05/28/13 16:05 CST	0	Hail (0.75 in)
05/28/13 16:10 CST	0	Source: Trained Spotter

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A thunderstorm moved over Pecos County and produced penny sized hail fourteen miles south southwest of Imperial.

PECOS COUNTY --- 4.0 E IMPERIAL [31.27, -102.61]

05/28/13 16:42 CST	0	Hail (1.25 in)
05/28/13 16:47 CST	0	Source: Trained Spotter

A thunderstorm moved over Pecos County and produced hail up to the size of golfballs six miles southwest of Cordona Lake.

An upper level trough was over Arizona and New Mexico, and it provided lift to West Texas. There was a dryline across the Permian Basin with plentiful low level moisture to the east of this feature. This lift and moisture combined to produce thunderstorms across the Trans Pecos.