

Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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TEXAS, South Panhandle

(TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z027) BAILEY, (TX-Z028) LAMB, (TX-Z029) HALE, (TX-Z030) FLOYD, (TX-Z031) MOTLEY, (TX-Z032) COTTLE, (TX-Z033) COCHRAN, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK, (TX-Z036) CROSBY, (TX-Z037) DICKENS, (TX-Z038) KING, (TX-Z039) YOAKUM, (TX-Z040) TERRY, (TX-Z041) LYNN, (TX-Z042) GARZA, (TX-Z043) KENT, (TX-Z044) STONEWALL	04/01/12 00:00 CST	0	0	Drought
	04/30/12 23:59 CST		50M	

Extreme (D4) drought conditions were reduced over the western South Plains and southern Rolling Plains during the month of April. Extreme (D4) and exceptional (D3) drought conditions remain largely unchanged elsewhere across the area. Childress county had dropped down to moderate (D1) drought conditions. April was characterized by very warm temperatures but also many days of beneficial rainfall. April typically marks the end of the dry season and a transition to increasing precipitation.

Warmer than seasonal average temperatures were observed throughout the month and especially at the end of the month. The warmer than normal temperatures were especially noticeable with the observed minimum temperatures. Many areas saw the earliest last freeze dates on record. Additionally, the all time April record maximum temperature was broken at Lubbock and Childress on April 25th. Lubbock reached 104 degrees while Childress reached 106 degrees. The average temperature of 67.1 for the month at Lubbock tied a record while 68.7 at Childress broke the previous April record. Despite the record warmth, several instances of beneficial rainfall occurred during the month and especially during the final week of April. Some selected rainfall totals include 3.82" at Lake Alan Henry, 2.76" at Jayton, 2.42" at Post and 2.38" at Wolfforth. Even though widespread rainfall was observed, most areas remained below normal for annual precipitation values. Keetch-Byram Drought Index values were highest over the western South Plains which were from 600 to 700. The southern Rolling Plains saw values between 300 and 400. Elsewhere, values ranged from 400 to 600.

Meteorologically, the drought continues to ease, but significant impacts are still possible in terms of water supply and agriculture. April, which is typically the end of the fire weather season, saw almost no wildfire activity. However, many counties have kept burns bans in tact. During the month, the city of Lubbock instituted stage 2 water restrictions which ranges from stage 1 (mild water shortage conditions) to stage 4 (emergency water shortage conditions). Winter wheat was considered almost a total loss due to the drought and was being harvested for use as hay and silage. Additional rains were still needed to sustain pasture and rangelands for much of the area. The final work was being performed in preparation of May planting with observed increases in soil moisture.

Economic losses due to drought through April since the drought began were estimated near \$2.4 billion.

CHILDRESS COUNTY --- 3.8 SSW LOCO [34.67, -100.16]

04/09/12 18:10 CST	10K	0	Thunderstorm Wind (EG 50 kt)
04/09/12 18:10 CST		0	Source: Broadcast Media

Large power poles were reported down on U.S. Highway 62 about 12 miles north of Childress.

During the early evening hours of the ninth, a supercell thunderstorm developed in the southeastern Texas panhandle and made a right turn into northeastern Childress County. This thunderstorm produced wind damage to power poles as it moved through Childress County. Elsewhere across the South Plains and Rolling Plains, scattered thunderstorms developed although none of these storms resulted in any reported severe winds or hail.

YOAKUM COUNTY --- BRONCO [33.25, -103.05]

04/11/12 19:31 CST	0	0	Hail (1.75 in)
04/11/12 19:31 CST		0	Source: Law Enforcement

Law enforcement reported hail to the size of golf balls in Bronco. No damage was reported.

LUBBOCK COUNTY --- REESE AFB [33.60, -102.05]

04/11/12 22:30 CST	0	0	Thunderstorm Wind (MG 50 kt)
04/11/12 22:30 CST		0	Source: Mesonet

A Texas Tech University West Texas mesonet site at Reese Center measured a wind gust to 58 mph. No damage was reported.

Scattered thunderstorms developed across eastern New Mexico and over the South Plains and moved east during the evening hours. Early in the evening, one of these storms became severe as it crossed into Yoakum County. Toward the end of the event, a thunderstorm produced a severe wind gust in Lubbock County.

CHILDRESS COUNTY --- 4.2 SSW LOCO [34.67, -100.19]

04/13/12 18:10 CST	0	0	Hail (1.75 in)
04/13/12 18:15 CST		0	Source: Law Enforcement

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The Sheriff's Office in Collingsworth County reported golf ball size hail at the intersection of U.S. Highways 83 and 62 in Childress County. No damage was reported.

On the evening of the 13th, scattered thunderstorms developed over the extreme southeastern Texas Panhandle. This complex of storms quickly became severe before moving northeast of the region.

LUBBOCK COUNTY --- 4.0 ESE WOLFFORTH [33.48, -101.95]

04/14/12 21:00 CST			0	Hail (1.00 in)
04/14/12 21:02 CST		1	0	Source: NWS Employee

A NWS employee estimated quarter size hail at the Lubbock Youth Sports Complex. Fans and participants at a girl's softball game rushed to dugout shelters after large hail fell very suddenly from a rapidly-developing thunderstorm. Aside from a few raindrops and a stray flash of lightning before the hail began, witnesses said there were no clues that a hailstorm was imminent. This element of surprise contributed to the minor injury of a female teenager participating in the softball game at the time. The youth received a black eye from a falling hailstone. No reports of damage were received.

LUBBOCK COUNTY --- 3.7 ENE WOLFFORTH [33.51, -101.96]

04/14/12 21:03 CST			0	Hail (0.88 in)
04/14/12 21:03 CST			0	Source: NWS Employee

A NWS employee estimated nickel size hail. No damage occurred.

LUBBOCK COUNTY --- 1.7 W LUBBOCK [33.58, -101.88]

04/14/12 21:05 CST			0	Hail (1.25 in)
04/14/12 21:05 CST			0	Source: NWS Employee

A NWS employee reported 1.25 inch diameter hail. No damage was reported.

LUBBOCK COUNTY --- 1.7 W LUBBOCK [33.58, -101.88]

04/14/12 21:07 CST			0	Hail (1.75 in)
04/14/12 21:07 CST			0	Source: Trained Spotter

A NWS student volunteer estimated hail up to golfball size at the Texas Tech University campus. Reports of damage were not available.

LUBBOCK COUNTY --- 1.7 W LUBBOCK [33.58, -101.88]

04/14/12 21:10 CST			0	Hail (1.50 in)
04/14/12 21:10 CST			0	Source: Public

The public estimated 1.5 inch diameter hail 1.2 miles east of I-27. No damage was reported.

LUBBOCK COUNTY --- 1.7 W LUBBOCK [33.58, -101.88]

04/14/12 21:11 CST			0	Hail (1.00 in)
04/14/12 21:11 CST			0	Source: Public

The public reported quarter size hail at 78th St and Avenue W. No damage was reported.

LUBBOCK COUNTY --- 1.7 W LUBBOCK [33.58, -101.88]

04/14/12 21:12 CST			0	Hail (1.00 in)
04/14/12 21:12 CST			0	Source: NWS Employee

A NWS employee estimated quarter size hail at 82nd and Frankford. No damage was reported.

LUBBOCK COUNTY --- 2.4 SSE (LBB)LUBBOCK INTL AR [33.64, -101.80]

04/14/12 21:16 CST			0	Hail (1.00 in)
04/14/12 21:16 CST			0	Source: ASOS

The Lubbock International Airport weather observer reported quarter size hail. No damage was reported.

BRISCOE COUNTY --- SILVERTON [34.47, -101.30]

04/14/12 21:30 CST			0	Hail (1.50 in)
04/14/12 21:30 CST			0	Source: Trained Spotter

A trained spotter estimated 1.5 inch diameter hail in Silverton. No damage was reported.

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LYNN COUNTY --- 1.5 SSW TAHOKA [33.16, -101.79]				
	04/14/12 21:30 CST	0		Hail (0.88 in)
	04/14/12 21:30 CST	0		Source: Fire Department/Rescue
The Tahoka fire department estimated nickel size hail in Tahoka. No damage was reported.				
FLOYD COUNTY --- 2.7 WNW STERLEY [34.22, -101.44]				
	04/14/12 21:36 CST	0		Hail (1.75 in)
	04/14/12 21:36 CST	0		Source: Fire Department/Rescue
The Floydada fire department estimated golfball size hail along Highway 378 seven miles north of Lockney. No reports of damage were received.				
BRISCOE COUNTY --- SILVERTON [34.47, -101.30]				
	04/14/12 21:38 CST	0		Hail (1.75 in)
	04/14/12 21:38 CST	0		Source: Public
The public estimated golfball size hail in Silverton. Reports of property damage were unavailable.				
BRISCOE COUNTY --- SILVERTON [34.47, -101.30]				
	04/14/12 21:47 CST	0		Hail (2.00 in)
	04/14/12 21:47 CST	0		Source: Trained Spotter
A trained spotter measured two inch diameter hail in Silverton. Damage reports were unavailable.				
GARZA COUNTY --- 0.7 N POST [33.19, -101.38]				
	04/14/12 22:35 CST	0		Hail (1.00 in)
	04/14/12 22:35 CST	0		Source: Broadcast Media
A Lubbock TV station relayed a report of quarter size hail and power outages in Post. No damage was reported.				
GARZA COUNTY --- 0.7 N JUSTICEBURG [33.04, -101.20]				
	04/14/12 23:12 CST	0		Hail (0.88 in)
	04/14/12 23:12 CST	0		Source: Law Enforcement
Law enforcement estimated nickel size hail. No damage was reported.				
COTTLE COUNTY --- 5.5 S PADUCAH [33.94, -100.30]				
	04/14/12 23:37 CST	0		Hail (0.75 in)
	04/14/12 23:37 CST	0		Source: Fire Department/Rescue
Fire department personnel estimated penny size hail 5S Paducah. No damage was reported.				
<p>A vigorous upper level trough approached West Texas late this evening accompanied by a strong Pacific cold front. In response to this trough, a dryline that was previously stationary in the Rolling Plains began surging west by sunset. Scattered thunderstorms erupted from near Ropesville northeast to the west side of Lubbock in a very short period of time after the cold front collided with the dryline. Intense lifting combined with moderate instability resulted in these storms producing large hail up to golfball size less than 15 minutes after development. One person participating in a youth softball game received a minor injury from the hail.</p> <p>Strong and severe thunderstorms then quickly expanded along the length of the cold front with several reports of large hail ranging from one to two inches in diameter. This squall line continued east into the Rolling Plains before midnight CST at which point it quickly diminished in intensity. Although some property damage likely resulted from the largest of hailstones this night, no definitive evidence was discovered.</p>				
(TX-Z034) HOCKLEY, (TX-Z044) STONEWALL				
	04/19/12 11:20 CST	0		High Wind (MAX 58 kt)
	04/19/12 17:00 CST	0		
MOTLEY COUNTY --- 6.2 SSW WHITEFLAT [34.02, -100.93]				
	04/19/12 19:39 CST	0		Hail (1.00 in)
	04/19/12 19:39 CST	0		Source: Fire Department/Rescue

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Fire department personnel estimated quarter size hail 6W Matador. No damage was reported.

Late this evening, moist upslope winds behind a cold front and sufficient elevated instability supported an isolated rotating thunderstorm in Floyd and Motley Counties. A large three-body scatter spike and mid-level rotation was observed by the NWS Lubbock WSR-88D during a portion of this storm's life. This storm only produced marginally severe hail around quarter size before it dissipated near Matador. Also, very localized high winds accompanied the cold front. The proximity of virga and a few high-based showers may have enhanced these winds through evaporative cooling.

BAILEY COUNTY --- 1.5 SSW MULESHOE [34.20, -102.74]

04/24/12 19:18 CST			0	Thunderstorm Wind (MG 52 kt)
04/24/12 19:18 CST			0	Source: Mesonet

A Texas Tech University West Texas mesonet station measured a wind gust to 60 mph 2SSW Muleshoe.

LAMB COUNTY --- 1.1 E AMHERST [34.02, -102.40]

04/24/12 19:45 CST			0	Thunderstorm Wind (MG 56 kt)
04/24/12 20:20 CST			0	Source: Mesonet

A Texas Tech University West Texas mesonet station located 1NE Amherst measured two severe wind gusts. A 59 mph gust was measured at 1945 CST followed by a gust to 64 mph at 2020 CST.

LAMB COUNTY --- 4.8 S SPADE [33.85, -102.15]

04/24/12 20:30 CST			4K	Thunderstorm Wind (EG 50 kt)
04/24/12 20:30 CST			0	Source: Trained Spotter

A meteorologist reported one power pole snapped and two others bent about five miles south of Spade.

Isolated, very high-based showers and thunderstorms moved southeast out of eastern New Mexico this evening and tracked into the far northwest South Plains. Due to very dry sub-cloud conditions and storm bases estimated near 10,000 feet above ground level, the development of strong evaporative cooling led to several instances of downburst winds and blowing dust within the path of one of these storms as it roughly paralleled Highway 84 between Muleshoe and Spade. These winds caused damage to three power poles in southeast Lamb County.

SWISHER COUNTY --- 0.6 W HAPPY [34.73, -101.86], 1.8 ENE HAPPY [34.74, -101.82]

04/26/12 16:47 CST			0	Hail (1.75 in)
04/26/12 16:50 CST			0	Source: Trained Spotter

The public reported quarter size hail about one mile south of Happy with golfball size hail later reported by a trained spotter two miles east of Happy. No damage was reported.

SWISHER COUNTY --- 1.8 ENE HAPPY [34.74, -101.82]

04/26/12 16:50 CST			0	Thunderstorm Wind (EG 61 kt)
04/26/12 16:50 CST			0	Source: Trained Spotter

A trained spotter estimated 70 mph winds about two miles east of Happy. No damage was reported.

Late this afternoon, isolated strong to severe thunderstorms developed near a dryline located just east of the Texas and New Mexico border. The first of these storms began rotating and tracked from northeast Lamb County east to northeast Hale County producing mostly dime size hail. Outflow from this storm began racing north and ignited a severe thunderstorm in northern Swisher County where high winds and golfball size hail were observed.

GARZA COUNTY --- 8.9 ENE JUSTICEBURG [33.06, -101.05]

04/28/12 18:25 CST			0	Hail (1.00 in)
04/28/12 18:25 CST			0	Source: Public

The public estimated one inch hail. No damage was reported.

KENT COUNTY --- 5.4 WSW JAYTON KENT CO ARPT [33.19, -100.65], 3.5 W JAYTON [33.25, -100.64]

04/28/12 19:28 CST			0	Hail (1.25 in)
04/28/12 19:33 CST			0	Source: Law Enforcement

A swath of hail from 1 to 1.25 inches in diameter fell from 6SW Jayton to 4W Jayton. Reports were received from law enforcement and Skywarn spotters. No damage was reported.

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STONEWALL COUNTY --- 13.8 SW ASPERMONT ARPT [32.98, -100.42], 13.7 SW ASPERMONT ARPT [32.98, -100.42]				
	04/28/12 19:45 CST	0		Tornado (EF0, L: 0.10 mi , W: 30 yd)
	04/28/12 19:47 CST	0		Source: Storm Chaser
A storm chaser observed a tornado for about two minutes. The tornado was visible only as a rotating plume of dirt underneath a rotating cloud base. No damage survey was conducted as the tornado remained over undeveloped land.				
STONEWALL COUNTY --- 2.1 S PEACOCK [33.15, -100.40], 7.5 NW PEACOCK [33.25, -100.50]				
	04/28/12 19:45 CST	0		Hail (1.75 in)
	04/28/12 20:43 CST	0		Source: Storm Chaser
A swath of hail between 1 and 1.75 inches in diameter fell from 4E Jayton to 2S Peacock. No damage was reported.				
HALL COUNTY --- 0.6 W ESTELLINE [34.55, -100.44]				
	04/28/12 20:51 CST	0		Hail (1.75 in)
	04/28/12 20:51 CST	0		Source: Public
The public estimated golfball size hail in Estelline. No damage was reported.				
KENT COUNTY --- 0.9 NE GIRARD [33.36, -100.66]				
	04/28/12 21:20 CST	0		Hail (1.75 in)
	04/28/12 21:37 CST	0		Source: Law Enforcement
Law enforcement reported golfball size hail in Girard at 2120 CST followed by 1.25 inch hail at 2137 CST. No damage was reported.				
HALL COUNTY --- 2.9 WNW MEMPHIS [34.73, -100.58]				
	04/28/12 22:05 CST	0		Hail (1.50 in)
	04/28/12 22:05 CST	0		Source: Law Enforcement
Law enforcement estimated 1.5 inch hail 2W Memphis. No damage was reported.				
HALL COUNTY --- 0.9 NW MEMPHIS [34.73, -100.54]				
	04/28/12 22:24 CST	0		Hail (0.75 in)
	04/28/12 22:24 CST	0		Source: Law Enforcement
Law enforcement estimated penny size hail in Memphis. No damage was reported.				
<p>Early this evening, a stationary front extending from the western Permian Basin northeast to the southern Rolling Plains combined with moderate instability to create a single thunderstorm southwest of Lake Alan Henry. This slow-moving storm quickly became supercellular and over the next two hours moved easterly across southeast Garza, southern Kent and southwest Stonewall Counties. Although this supercell produced a brief EF0 tornado over open land in southwest Stonewall County near sunset, hail was the greatest threat with this storm. Copious amounts of mostly small hail were observed on the north end of Lake Alan Henry in addition to one instance of very large hail up to three inches in diameter in southwest Stonewall County. Late this night, elevated storms developed in the far southeast Texas Panhandle and produced large hail in northeast Hall County.</p>				
LAMB COUNTY --- 0.6 W LITTLEFIELD [33.92, -102.33]				
	04/29/12 18:35 CST	0		Hail (1.75 in)
	04/29/12 18:35 CST	0		Source: Public
A left splitting storm from the Hockley County supercell moved northeast and produced golfball size hail in Littlefield. No reports of damage were received.				
HOCKLEY COUNTY --- 3.6 SSW WHITHARRAL [33.68, -102.35], 5.4 NNW ROPESVILLE [33.49, -102.19]				
	04/29/12 18:56 CST	0		Hail (4.50 in)
	04/29/12 19:25 CST	0		Source: Public
An intense supercell produced a swath of significant hail from just north of Levelland southeast to north of Ropesville. Although most hail reports in this swath were baseball size or smaller, hail as large as softballs was observed near Smyer. An unknown amount of damage occurred to property in this hailswath.				
HOCKLEY COUNTY --- 2.3 E LEVELLAND [33.58, -102.33]				
	04/29/12 18:58 CST	3K		Thunderstorm Wind (EG 50 kt)
	04/29/12 18:58 CST	0		Source: NWS Employee

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Off-duty NWS employees estimated winds around 50 knots in the rear flank downdraft of a supercell. These winds snapped a power pole 2E Levelland along Highway 114.

LUBBOCK COUNTY --- 4.0 SW WOLFFORTH [33.46, -102.07]

	04/29/12 19:44 CST	0	Funnel Cloud
	04/29/12 19:44 CST	0	Source: Trained Spotter

A Skywarn storm spotter observed a funnel cloud about 5SW Wolfforth from a high-precipitation supercell.

LUBBOCK COUNTY --- 5.1 SSW WOLFFORTH [33.43, -102.05], 4.9 S WOLFFORTH [33.43, -102.01]

	04/29/12 19:50 CST	5M	Thunderstorm Wind (MG 83 kt)
	04/29/12 20:10 CST	0	Source: Mesonet

Destructive downburst winds occurred for a period of 20 minutes immediately south and west of the track of a mesocyclone moving southeast across far southwest Lubbock County. A West Texas mesonet site located 6SSW Wolfforth sampled this region of the supercell and measured the following winds over a span of 20 consecutive minutes:

750 pm CST: West at 51 mph gusting to 80 mph /
 755 pm CST: West at 61 mph gusting to 85 mph /
 800 pm CST: Northwest at 71 mph gusting to 95 mph /
 805 pm CST: Northwest at 55 mph gusting to 70 mph /
 810 pm CST: North at 50 mph gusting to 76 mph /

A NWS storm survey revealed that a few trees were uprooted about 5S Wolfforth and that nearby roofs from a house and mobile home were removed.

LUBBOCK COUNTY --- 4.2 S DOUD [33.51, -101.94], 3.0 SSW WOODROW [33.41, -101.84]

	04/29/12 19:51 CST	20M	Hail (2.75 in)
	04/29/12 20:33 CST	0	Source: Trained Spotter

A destructive high-precipitation supercell exited Hockley County and continued moving southeast across southwest Lubbock County. A significant hailswath accompanied this supercell with hailstones as large as baseballs at times. Reports of baseball size hail were received from the following locations: Slide Rd and 150th St, 120th St and Milwaukee Ave, and also along FM 41 just west and east of Highway 87. Damage to vehicles and homes in this hailswath was severe with many windshields, windows and skylights completely destroyed. Several hundred homes will likely require new roofs.

HOCKLEY COUNTY --- 1.3 ENE ROPESVILLE [33.43, -102.13]

	04/29/12 20:00 CST	6K	Thunderstorm Wind (EG 61 kt)
	04/29/12 20:00 CST	0	Source: Utility Company

A utility company reported three downed power poles west of Highways 62 and 82 along Foster Road.

HOCKLEY COUNTY --- 0.6 E LEVELLAND [33.58, -102.36]

	04/29/12 20:15 CST	0	Hail (0.88 in)
	04/29/12 20:15 CST	0	Source: Law Enforcement

Law enforcement reported nickel size hail. No damage was reported.

HOCKLEY COUNTY --- 2.1 S ARNETT [33.45, -102.30]

	04/29/12 20:30 CST	6K	Thunderstorm Wind (EG 61 kt)
	04/29/12 20:30 CST	0	Source: Unknown

Three power poles were knocked over northeast of the intersection of Highway 385 and FM 41.

TERRY COUNTY --- 2.4 WSW UNION [33.02, -102.27]

	04/29/12 20:31 CST	1K	Hail (2.75 in)
	04/29/12 20:31 CST	0	Source: Trained Spotter

A trained spotter lost a windshield to baseball size hail about 3WSW Union.

LYNN COUNTY --- 3.5 WNW WILSON [33.33, -101.79]

	04/29/12 20:38 CST	1K	Hail (2.75 in)
	04/29/12 20:38 CST	0	Source: Trained Spotter

A trained spotter lost a windshield 7E New Home.

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HOCKLEY COUNTY --- 5.4 NNW ROPESVILLE [33.49, -102.19]				
	04/29/12 20:50 CST		0	Hail (1.00 in)
	04/29/12 20:50 CST		0	Source: Trained Spotter
A meteorologist with Texas Tech reported quarter size hail and heavy flooding along FM 1585. No damage was reported.				
LUBBOCK COUNTY --- 6.8 SSW WOLFFORTH [33.41, -102.07]				
	04/29/12 21:04 CST		0	Hail (2.50 in)
	04/29/12 21:04 CST		0	Source: Amateur Radio
An amateur radio operator reported 2.5 inch diameter hail 5E Ropesville along SR 41. No damage was reported.				
LUBBOCK COUNTY --- 2.1 SSE WOODROW [33.42, -101.81]				
	04/29/12 21:09 CST		0	Hail (2.00 in)
	04/29/12 21:09 CST		0	Source: Trained Spotter
A trained spotter reported two inch hail covering the ground. No damage was reported.				
LUBBOCK COUNTY --- 0.9 SE SLATON [33.42, -101.64]				
	04/29/12 21:12 CST		0	Hail (1.00 in)
	04/29/12 21:12 CST		0	Source: Trained Spotter
A trained spotter reported quarter size hail. No damage was reported.				
LYNN COUNTY --- 2.3 E LAKEVIEW [33.33, -102.01]				
	04/29/12 21:17 CST		0	Hail (1.75 in)
	04/29/12 21:17 CST		0	Source: Amateur Radio
An amateur radio operator reported golfball size hail at SR 179 and 211. No damage was reported.				
GARZA COUNTY --- 0.7 N SOUTHLAND [33.36, -101.55]				
	04/29/12 21:29 CST		0	Hail (1.75 in)
	04/29/12 21:29 CST		0	Source: Trained Spotter
A trained spotter reported golfball size hail in Southland. No damage was reported.				
HOCKLEY COUNTY --- 2.6 NNE ROPESVILLE [33.45, -102.13], 7.6 NNE BUSTERVILLE [33.52, -102.04], 3.0 E LEVELLAND MUNI ARPT [33.55, -102.32], 1.1 ENE CLAUENE [33.48, -102.36]				
	04/29/12 21:33 CST		10K	Flood (due to Heavy Rain)
	04/30/12 00:00 CST		0	Source: Amateur Radio
Slow-moving thunderstorms moved repeatedly over portions of southeast Hockley County this night deluging some rural areas with up to five inches of rain in three hours. An estimated 20-mile stretch of FM 1585 between Highways 385 and 62/82 became impassable by floodwaters that at times reached nearly three feet deep. At least two cars became disabled after motorists attempted to cross the floodwaters. No injuries were reported.				
HOCKLEY COUNTY --- 1.5 SSE ROPESVILLE [33.40, -102.14]				
	04/29/12 21:38 CST		0	Hail (1.00 in)
	04/29/12 21:38 CST		0	Source: Trained Spotter
A trained spotter reported quarter size hail. No damage was reported.				
LYNN COUNTY --- 1.5 SSW TAHOKA [33.16, -101.79]				
	04/29/12 22:12 CST		0	Hail (2.00 in)
	04/29/12 22:15 CST		0	Source: NWS Employee
Large hail fell in Tahoka from 2212-2215 CST as reported by a CO-OP observer and a NWS employee. The largest hail up to two inches in diameter fell at 2215 CST. Damage was unknown.				
LUBBOCK COUNTY --- 1.8 SW WOLFFORTH [33.48, -102.04], 2.6 WSW WOLFFORTH [33.49, -102.06], 4.1 WSW WOLFFORTH [33.48, -102.09], 3.3 SW WOLFFORTH [33.47, -102.06]				

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	04/29/12 22:27 CST		0.50K	Flood (due to Heavy Rain)
	04/30/12 00:00 CST		0	Source: Trained Spotter

Repeated heavy rains from slow-moving thunderstorms this night produced up to four inches of rain and flooded several area roads. Up to 2.5 feet of flowing water was observed over highway 62/82.

HOCKLEY COUNTY --- 2.8 SSE LEVELLAND MUNI ARPT [33.51, -102.36]

	04/29/12 22:31 CST		0.50M	Thunderstorm Wind (EG 61 kt)
	04/29/12 22:31 CST		0	Source: Emergency Manager

Fences were blown down at FM 1585 and FM 3261. The blown down fences allowed between 50 and 60 head of cattle to become loose and block a roadway.

LYNN COUNTY --- 1.5 SSW TAHOKA [33.16, -101.79]

	04/29/12 22:49 CST		0	Hail (1.75 in)
	04/29/12 22:49 CST		0	Source: Storm Chaser

Golfball size hail was reported in Tahoka. No damage was reported.

GARZA COUNTY --- 0.6 E SOUTHLAND [33.35, -101.54], 0.6 SW SOUTHLAND [33.34, -101.56], 1.4 S SOUTHLAND [33.33, -101.55], 1.5 SE SOUTHLAND [33.34, -101.53]

	04/29/12 23:32 CST		0.50K	Flood (due to Heavy Rain)
	04/29/12 23:32 CST		0	Source: Law Enforcement

Slow-moving thunderstorms this night flooded a portion of Highway 84 near Southland to such an extent that tractor trailers were unable to proceed.

Moist upslope flow along a retreating east-west oriented surface boundary focused scattered thunderstorms early this evening across the western South Plains. Ample wind shear and instability allowed several of these storms to quickly become supercellular producing very large hail, some giant, accompanied by destructive straight-line winds as they drifted east-southeast. The most prolific supercell developed west-northwest of Levelland around 1800 CST and moved eastward near Highway 114 before merging with another supercell near the Hockley-Lubbock County line. At this point, the supercell intensified further and turned southeast moving across southwest and south-central Lubbock County as a significant high precipitation supercell. Destructive winds and very large hail (up to softball size in a few locations) accompanied this storm as it tracked from near Smyer southeast to Woodrow creating extensive damage to structures and vehicles in its path. A NWS storm survey revealed the most significant damage occurred from wind-driven hail along FM 41 just west of Highway 87 and also between FM 179 and Woodrow Road. In some instances, the west-facing exterior of homes in these areas was completely shredded. This damage was compounded by the supercell's slow motion which resulted in up to a 15-minute period of destructive wind gusts as high as 95 mph as measured by a West Texas Mesonet site located 6SSW Wolfforth.

Later this evening, the low-level jet intensified and ignited additional severe storms over portions of the central and southern South Plains. One of these storms was a slow-moving elevated supercell that moved over areas of southeast Hockley and southwest Lubbock Counties previously impacted by the earlier supercell. This storm created additional instances of large hail; however, excessive rainfall in a short time span over already wet soils lead to large areas of mostly rural flooding. Many roads especially between Levelland and Wolfforth became impassable due to swollen playa lakes. Nearly 20 miles of FM 1585 was inundated with water and disabled at least two vehicles.

Total economic losses were estimated at \$25 million.

Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Softball size hail that fell near Smyer.

GARZA COUNTY --- 2.8 N POST [33.22, -101.38], 9.5 NNE AUGUSTUS [33.25, -101.22]

04/30/12 15:45 CST	0.30K	Hail (2.75 in)
04/30/12 16:45 CST	0	Source: Law Enforcement

A swath of very large hail fell from just north of Post east into eastern Garza County. A vehicle's windshield was damaged by baseball size hail two miles north of Post along highway 207. Farther east, a half-mile corridor of hail up to two inches in diameter fell at highways 380 and 208.

GARZA COUNTY --- 3.6 SE AUGUSTUS [33.09, -101.26]

04/30/12 16:16 CST	0	Hail (0.88 in)
04/30/12 16:16 CST	0	Source: Public

Pea to nickel size hail fell along highway 84. No damage was reported.

CROSBY COUNTY --- 1.9 WNW KALGARY [33.41, -101.18]

04/30/12 16:27 CST	0	Hail (1.00 in)
04/30/12 16:27 CST	0	Source: Public

The public estimated quarter size hail along the Crosby-Garza County line. No damage was reported.

DICKENS COUNTY --- 1.7 W MC ADOO [33.73, -101.01]

04/30/12 16:45 CST	0	Hail (1.00 in)
04/30/12 16:45 CST	0	Source: Fire Department/Rescue

Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Fire personnel estimated quarter size hail near McAdoo. No damage was reported.

GARZA COUNTY --- 10.8 NE JUSTICEBURG [33.15, -101.08]

	04/30/12 16:45 CST	0		Hail (1.00 in)
	04/30/12 16:45 CST	0		Source: Storm Chaser

A storm chaser measured one inch hail north of the Polar community. No damage was reported.

MOTLEY COUNTY --- 0.6 W ROARING SPGS [33.90, -100.86], 2.9 E MATADOR [34.02, -100.77]

	04/30/12 17:13 CST	0		Hail (2.00 in)
	04/30/12 17:32 CST	0		Source: Fire Department/Rescue

A left-moving supercell produced a swath of hail from Roaring Springs northeast to Matador. The largest hail estimated up to two inches in diameter occurred 3E Matador along Highway 70. Other hail reports included quarter size in Roaring Springs, golfball size 3SE Matador and also in Matador shortly thereafter. No damage was reported.

DICKENS COUNTY --- 2.1 SSW DICKENS [33.59, -100.84], 0.6 W DICKENS [33.62, -100.84]

	04/30/12 17:52 CST	0		Hail (2.75 in)
	04/30/12 17:54 CST	0		Source: Amateur Radio

The left-moving supercell that began in northern Garza County continued moving northeast accompanied by hail as large as baseballs 2W Dickens. Golfball size hail also fell in Dickens and 2S Dickens. No reports of damage were received.

COTTLE COUNTY --- 0.7 S PADUCAH [34.01, -100.30]

	04/30/12 18:58 CST	0		Hail (1.00 in)
	04/30/12 18:58 CST	0		Source: Fire Department/Rescue

The Paducah fire department estimated quarter size hail in the city. No damage was reported.

HALL COUNTY --- 0.9 NW MEMPHIS [34.73, -100.54]

	04/30/12 20:31 CST	0		Hail (1.00 in)
	04/30/12 20:31 CST	0		Source: Law Enforcement

Law enforcement estimated quarter size hail in Memphis. No damage was reported.

Upslope flow impinging on an outflow boundary served to focus scattered thunderstorm development late in the afternoon of the 30th, mainly in Garza, Kent and Stonewall Counties. Ample wind shear and strong instability led to some of these storms becoming supercells accompanied by very large hail. The most prolific of these storms was a splitting supercell near Post that produced baseball size hail north of town. This supercell created two left-moving supercells; both of which traveled nearly 90 miles northeast into the northern Rolling Plains while dropping hail up to baseball size. Late in the evening, severe storms in the southeast Texas Panhandle grazed northern Childress County with large hail. Also, very beneficial rains in excess of one inch fell mainly over eastern Garza and western Kent Counties during the evening where Lake Alan Henry recorded heavy rains for a third consecutive day.